

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



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

English Plain Language Summary

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

South Fork Ranch Municipal Utility District proposes to expand Flora Wastewater Treatment Facility (WWTF) from its existing activated sludge plant into a membrane bioreactor (MBR) system consisting of several process trains. The facility is located approximately 4,650 feet west of the intersection of County Road 160 and County Road 101.

This application is to amend the existing permit in order to dispose a daily average flow not to exceed 850,000 gallons per day of treated domestic wastewater via three discharge points. The existing discharge of 0.5 MGD flows into Segment 1244C, South Fork of Mustang Creek. The proposed discharge of 0.23 MGD will flow into a tributary of South Fork of Mustang Creek. The proposed discharge of 0.12 MGD will flow into an unnamed tributary then to South Fork of Mustang Creek. Altogether, the treated effluent will be conveyed to Mustang Creek, thence to Brushy Creek in Segment No. 1244 of the Brazos River Basin.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD5), total suspended solids (TSS), ammonia nitrogen (NH3-N), and Escherichia coli. Domestic wastewater will be treated by an MBR, and the system will have a primary screen, equalization tank, multiple process trains consisting of anoxic, aeration, membrane zones, and sludge holding tanks. The facility will utilize UV or chlorine disinfection. In addition, the facility includes temporary storage that equals to at least three days of the daily average flow.

Spanish Plain Language Summary

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 exige 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 federal. representaciones ejecutables de la solicitud de permiso.

South Fork Ranch Municipal Utility District propone ampliar la instalación de tratamiento de aguas residuales Flora (WWTF) de su planta de lodos activados existente a un sistema de biorreactor de membrana (MBR) que consta de varios trenes de proceso. La instalación está ubicada aproximadamente a 4,650 pies al oeste de la intersección de County Road 160 y County Road 101.

Esta solicitud es para modificar el permiso existente para eliminar un flujo promedio diario que no exceda los 850,000 galones por día de aguas residuales domésticas tratadas a través de tres puntos de descarga. La descarga existente de 0,5 MGD desemboca en el Segmento 1244C, South Fork de Mustang Creek. La descarga propuesta de 0,23 MGD fluirá hacia un afluente de South Fork de Mustang Creek. La descarga propuesta de 0,12 MGD fluirá hacia un afluente sin nombre y luego hacia South Fork de Mustang Creek. En total, el efluente tratado se transportará a Mustang Creek y de allí a Brushy Creek en el segmento n.º 1244 de la cuenca del río Brazos.

Se espera que las descargas de la instalación contengan demanda bioquímica de oxígeno carbonoso (CBOD5) de cinco días, sólidos suspendidos totales (SST), nitrógeno amoniacal (NH3-N) y Escherichia coli. Las aguas residuales domésticas serán tratadas mediante un MBR y el sistema tendrá una pantalla primaria, un tanque de ecualización, múltiples trenes de proceso que constan de zonas anóxicas, de aireación, de membrana y tanques de retención de lodos. La instalación utilizará desinfección con UV o cloro. Además, la instalación incluye almacenamiento temporal que equivale al menos a tres días del caudal medio diario.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



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

PERMIT NO. WQ0015998001

APPLICATION. South Fork Municipal Utility District, 919 Congress Avenue, Suite 1500, Austin, Texas 78701, has applied to the Texas Commission on Environmental Quality (TCEQ) to amend Texas Pollutant Discharge Elimination System (TPDES) Permit No. WO0015998001 (EPA I.D. No. TX0141321) to authorize expansion of the treatment facility site, an increase to the discharge of treated wastewater to a volume not to exceed a combined total daily average flow of 850,000 gallons per day, and the addition of two outfalls. The domestic wastewater treatment facility is located approximately 0.8 miles west of the intersection of County Road 101 and County Road 160, near the city of Hutto, in Williamson County, Texas 76574. The discharge route is from the plant site via Outfall 001 to Mustang Creek; via Outfall 002 to an unnamed tributary, thence Mustang Creek; and via Outfall 003 to South Fork Mustang Creek, thence to Mustang Creek; thence all to Brushy Creek. TCEQ received this application on September 30, 2024. The permit application will be available for viewing and copying at Hutto Public Library, 500 West Live Oak Street, Hutto, in Williamson 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=-97.5105,30.582994&level=18

ALTERNATIVE LANGUAGE NOTICE. Alternative language notice in Spanish is available at: https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications. 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 countywide 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.

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 South Fork Municipal Utility District at the address stated above or by calling Mr. Ashraya Upadhyaya, JA Wastewater, at 903-414-0307.

Issuance Date: November 26, 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 MODIFICACION

PERMISO NO. WQ0015998001

SOLICITUD. South Fork Municipal Utility District, 919 Congress Avenue, Suite 1500, Austin, Texas 78701, ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para modificar el Permiso No. WQ0015998001 (EPA I.D. No. TX0141321) del Sistema de Eliminación de Descargas de Contaminantes de Texas (TPDES) para autorizar la expansión del sitio de la instalación de tratamiento, un aumento en la descarga de aguas residuales tratadas a un volumen que no exceda un flujo promedio diario total combinado de 850,000 galones por día y la adición de dos emisarios. La planta está ubicada aproximadamente 0,8 millas al oeste de la intersección de County Road 101 y County Road 160, cerca de la ciudad de Hutto, en el condado de Williamson, Texas 76574. La ruta de descarga es del sitio de la planta a Emisario 001 a Mustang Creek, de allí a Brushy Creek; a través del emisario 001 hasta Mustang Creek; a través del emisario 002 hasta un afluente sin nombre, desde allí Mustang Creek; y por el emisario 003 hasta South Fork Mustang Creek, de allí a Mustang Creek; de allí todo hasta Brushy Creek. La TCEQ recibió esta solicitud el 30 de septiembre de 2024. La solicitud para el permiso estará disponible para leerla y copiarla en Biblioteca pública Hutto, 500 West Live Oak Street, Hutto, en el condado de Williamson, Texas antes de la fecha de publicación de este aviso en el periódico. 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=-97.5105,30.582994&level=18

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

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

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

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

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

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

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 específico. 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.

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

CONTACTOS E INFORMACIÓN A LA AGENCIA. Todos los comentarios públicos y solicitudes deben ser presentadas electrónicamente vía

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

También se puede obtener información adicional del South Fork Municipal Utility District a la dirección indicada arriba o llamando a Ashraya Upadhyaya, JA Wastewater al 903-414-0307.

Fecha de emisión el 26 de noviembre de 2024

Texas Commission on Environmental Quality



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

AMENDMENT

PERMIT NO. WQ0015998001

APPLICATION AND PRELIMINARY DECISION. South Fork Municipal Utility District, 919 Congress Avenue, Suite 1500, Austin, Texas 78701, has applied to the Texas Commission on Environmental Quality (TCEQ) for a major amendment without renewal to Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0015998001, to authorize an increase in the discharge of treated domestic wastewater from a daily average flow not to exceed 500,000 gallons per day to a daily average flow not to exceed 850,000 gallons per day, to add two additional outfalls, 002 and 003, and to add an Interim III (0.60 MGD) phase. TCEQ received this application on September 30, 2024.

The facility is located approximately 0.8 miles west of the intersection of County Road 101 and County Road 160, in Williamson County, Texas 76574. The treated effluent is discharged via Outfall 001 to Mustang Creek; via Outfall 002 to an unnamed tributary, thence to Mustang Creek; via Outfall 003 to South Fork Mustang Creek, thence to two unnamed impoundments, thence to Mustang Creek, thence all to Brushy Creek in Segment No. 1244 of the Brazos River Basin. The unclassified receiving water uses are minimal aquatic life use for the unnamed tributary, intermediate aquatic life use for Mustang Creek, limited aquatic life use for South Fork Mustang Creek, and high aquatic life use for unnamed impoundments. The designated uses for Segment No. 1244 are primary contact recreation, public water supply, aquifer protection, and high aquatic life use. In accordance with 30 Texas Administrative Code

§307.5 and TCEQ's *Procedures to Implement the Texas Surface Water Quality Standards* (June 2010), an antidegradation review of the receiving waters was performed. A Tier 1 antidegradation review has preliminarily determined that existing water quality uses will not be impaired by this permit action.

Numerical and narrative criteria to protect existing uses will be maintained. A Tier 2 review has preliminarily determined that no significant degradation of water quality is expected in Mustang Creek or the unnamed impoundments, which has been identified as having intermediate and high aquatic life use, respectively. Existing uses will be maintained and protected. The preliminary determination can be reexamined and may be modified if new information is received. 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=-97.5105.30.582994&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 Hutto Public Library, 500 West Live Oak Street, Hutto, in Williamson 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.

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 South Fork Municipal Utility District at the address stated above or by calling Mr. Ashraya Upadhyaya, JA Wastewater, at 903-414-0307.

Issuance Date: October 16, 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

MODIFICACIÓN

PERMISO NO. WQ0015998001

SOLICITUD Y DECISIÓN PRELIMINAR. South Fork Municipal Utility District, 919 Congress Avenue, Suite 1500, Austin, Texas 78701, ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) por un modificación principal para autorizar un aumento en la descarga de aguas residuales domésticas tratadas de un caudal promedio diario que no exceda los 500.000 galones por día a un caudal promedio diario que no exceda los 850.000 galones por día, para agregar dos desagües adicionales, 002 y 003, y para agregar una fase Interina III (0,60 MGD). La TCEQ recibió esta solicitud el 30 de septiembre de 2024.

La planta está ubicada aproximadamente o,8 millas al oeste de la intersección de County Road 101 y County Road 160en el Condado de Williamson, Texas 76574. El efluente tratado es descargado al vía el Desagüe 001 hasta Mustang Creek; vía el Desagüe 002 hasta un afluente sin nombre, de allí hasta Mustang Creek; vía el Desagüe 003 hasta South Fork Mustang Creek, de allí a dos embalses sin nombre, de allí hasta Mustang Creek, de allí todo hasta Brushy Creek en el Segmento No. 1244 de la Cuenca del Río Brazos. Los usos no clasificados de las aguas receptoras son limitados usos de la vida acuática para afluente sin nombre, uso de vida acuática intermedio para Mustang Creek, uso de vida acuática limitado para South Fork Mustang Creek y uso de vida acuática alto para embalses sin nombre. Los usos designados para el Segmento No. 1244 son recreación de contacto primario, suministro público de agua, protección de acuíferos y alto uso de vida acuática. De acuerdo con la 30 TAC §307.5 y los procedimientos de implementación de la TCEQ (Enero 2010) para las Normas de Calidad de Aguas Superficiales en Texas, fue realizada una revisión de la antidegradación de las aguas recibidas. Una revisión de antidegradación del Nivel 1 ha determinado preliminarmente que los usos de la calidad del agua existente no serán perjudicados por la acción de este permiso. Se mantendrá un criterio narrativo y numérico para proteger los usos existentes. Una revisión del Nivel 2 ha determinado preliminarmente que no se espera ninguna degradación significativa en Mustang Creek o los embalses sin nombre, el cual se ha identificado que tiene intermedios, altos, usos en la vida acuática. Los usos existentes serán mantenidos y protegidos. La determinación preliminar puede ser reexaminada y puede ser modificada, si se recibe alguna información nueva. Este enlace a un mapa electrónico de la ubicación general del sitio o instalación se proporciona como cortesía pública y no forma parte de la solicitud ni del aviso. Para conocer la ubicación exacta,

consulte la solicitud. https://gisweb.tceq.texas.gov/LocationMapper/?marker=-97.5105,30.582994&level=18

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 500 West Live Oak Street, Hutto, en el condado de Williamson, 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.

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 de la fecha límite para presentar comentarios públicos, el Director Ejecutivo considerará los comentarios y preparará una respuesta a todos los comentarios públicos relevantes y materiales, o significativos. A menos que la solicitud sea remitida directamente para una audiencia de caso impugnado, la respuesta a los comentarios se enviará por correo a todos los que enviaron comentarios públicos y a aquellas personas que estén en la lista de correo para esta solicitud. Si se reciben comentarios, el correo también proporcionará instrucciones para solicitar una audiencia de caso impugnado o reconsiderar la decisión del Director Ejecutivo. Una audiencia de caso impugnado es un procedimiento legal similar a un juicio civil en un tribunal de distrito estatal.

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.

Tras el cierre de todos los periodos de comentarios y solicitudes aplicables, el Director Ejecutivo remitirá la solicitud y cualquier solicitud de reconsideración o de una audiencia de caso impugnado a los Comisionados de la TCEQ para su consideración en 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.

ACCIÓN DEL DIRECTOR EJECUTIVO. El Director Ejecutivo puede emitir la aprobación final de la solicitud a menos que se presente una solicitud de audiencia de caso impugnado oportunamente o una solicitud de reconsideración. Si se presenta una solicitud de audiencia oportuna o una solicitud de reconsideración, el Director Ejecutivo no emitirá la aprobación final del permiso y enviará la solicitud y la solicitud a los Comisionados de TCEQ para su consideración en una reunión programada de la Comisión.

LISTA DE CORREO. Si envía comentarios públicos, una solicitud de una audiencia de caso impugnado o una reconsideración de la decisión del Director Ejecutivo, se le agregará a la lista de correo de esta solicitud específica para recibir futuros avisos públicos enviados por correo por la Oficina del Secretario Oficial. Además, puede solicitar ser colocado en: (1) la lista de correo permanente para un nombre de solicitante específico y número de permiso; y/o (2) la lista de correo para un condado específico. Si desea ser colocado en la lista de correo permanente y / o del condado, especifique claramente qué lista (s) y envíe su solicitud a la Oficina del Secretario Oficial de la TCEQ a la dirección a continuación.

Todos los comentarios públicos escritos y las solicitudes de reunión pública deben enviarse a Office of the Chief Clerk, MC 105, TCEQ, P.O. Box 13087, Austin, TX 78711-3087 o electrónicamente a www.tceq.texas.gov/goto/comment dentro de los 30 días a partir de la fecha de publicación de este aviso en el periódico.

INFORMACIÓN DISPONIBLE EN LÍNEA. Para obtener más información sobre el estado de la solicitud, visite la Base de Datos Integrada de Comisionados en www.tceq.texas.gov/goto/cid. Busque en la base de datos utilizando el número de permiso de esta solicitud, que se encuentra en la parte superior de este aviso.

CONTACTOS E INFORMACIÓN DE LA AGENCIA. Los comentarios y solicitudes públicas deben enviarse electrónicamente a www.tceq.texas.gov/goto/comment, 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 la 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 TCEQ, línea gratuita, 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 South Fork Municipal Utility District a la dirección indicada arriba o llamando a Mr. Ashraya Upadhyaya, JA Wastewater, al 903-414-0307.

Fecha de emission: el 16 de octubre de 2025

Flora Wastewater Treatment Facility

TCEQ Application for TPDES Permit Amendment

Submitted to Texas Commission on Environmental Quality

Sep 2024





Major Amendment Request

Hutto 525 Development Partners LP is submitting this application for a major amendment to the Flora WWTF (WQ0015998001) TPDES permit. The purpose of this major amendment is to increase the full build-out flows from 500,000 gpd to 850,000 gpd. It includes two additional discharge points (depicted below) and expansion of the wastewater treatment facility site. The original permit was issued in July 2022 and the first phase of 200,000 gpd is currently under construction.



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST

Complete and submit this checklist with the application.

APPLICANT NAME: <u>Hutto 525 Development Partners, LP</u> PERMIT NUMBER (If new, leave blank): WQ00 <u>15998001</u>

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

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

For TCEQ Use Only	
Segment NumberExpiration Date	•
Permit Number	

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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

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

Section 1. Application Fees (Instructions Page 26)

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

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

Minor Amendment (for any flow) \$150.00 □

Payment Information	Payment	Inform	ation
----------------------------	----------------	--------	-------

Mailed	Check/Money Order Number: Click to enter text.
	Check/Money Order Amount: Click to enter text.
	Name Printed on Check: Click to enter text.
EPAY	Voucher Number: Click to enter text.
Copy of Payr	nent Voucher enclosed? Yes ⊠

Section 2. Type of Application (Instructions Page 26)

a.	Che	ck the box next to the appropriate authorization type.
		Publicly-Owned Domestic Wastewater
	\boxtimes	Privately-Owned Domestic Wastewater
		Conventional Wastewater Treatment
b.	Che	ck the box next to the appropriate facility status.
	\boxtimes	Active Inactive

Sign Out

Your transaction is complete. Thank you for using TCEQ ePay.

Note: It may take up to 3 working days for this electronic payment to be processed and be reflected in the TCEQ ePay system. Print this receipt and the vouchers for your records. An email receipt has also been sent.

Transaction Information

Trace Number: 582EA000625175

Date: 09/12/2024 03:34 PM

Payment Method: ACH - Authorization 0082203118

ePay Actor: KATHY BURTON

Actor Email: kburton@empirecontinental.com

IP: 98.39.165.222 **TCEQ Amount:** \$1,650.00 **Texas.gov Price:** \$1,650.00*

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

Payment Contact Information

Name: KATHY BURTON

Company: EMPIRE CONTINENTAL LAND

Address: 10235 W LITTLE YORK STE 300, HOUSTON, TX 77042

Phone: 713-239-2925

Cart Items

Click on the voucher number to see the voucher details.

Voucher	Fee Description	AR Number	Amount
721049	WW PERMIT - FACILITY WITH FLOW >= .50 & < 1.0 MGD - NEW AND MAJOR AMENDMENTS		\$1,600.00
721050	30 TAC 305.53B WQ NOTIFICATION FEE	TCEQ Amount:	\$50.00 \$1,650.00

ePay Again Exit ePay

Note: It may take up to 3 working days for this electronic payment to be processed and be reflected in the TCEQ ePay system. Print this receipt for your records.

c.	Che	ck the box next to the appropriate permit typ	e.					
	\boxtimes	TPDES Permit						
		TLAP						
		TPDES Permit with TLAP component						
		Subsurface Area Drip Dispersal System (SAD	DS)					
d.	Che	ck the box next to the appropriate application	n typ	e				
		New						
		Major Amendment <u>with</u> Renewal		Minor Amendment with Renewal				
	\boxtimes	Major Amendment without Renewal		Minor Amendment without Renewal				
		Renewal without changes		Minor Modification of permit				
e.	For	amendments or modifications, describe the p	ropo	sed changes:				
	The	main proposed change is to increase flows from 500,000	gpd to	850,000 gpd with the addition of two discharge points				
f.	For	For existing permits:						
	Permit Number: WQ00 <u>15998001</u>							
	EPA	I.D. (TPDES only): TX						
	Exp	iration Date: <u>July 29, 2027</u>						

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

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

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

Hutto 525 Development Partners, LP

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

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

CN: 605893288

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

Prefix: Mr. Last Name, First Name: Sellers, Stephen

Title: <u>Authorized Signatory, Hutto 525 GP Texas LLC, General Partner of Hutto 525 Development Partners, LP</u>

Credential: Click to enter text.

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

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

Click to enter text.

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

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

CN: Click to enter text.

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

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

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

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

C. Core Data Form

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

Section 4. Application Contact Information (Instructions Page 27)

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

A. Prefix: Ms. Last Name, First Name: Miller, Jamie

Title: <u>President</u> Credential: <u>P.E.</u>

Organization Name: <u>JA Wastewater</u>

Mailing Address: <u>5765 Fig Way</u> City, State, Zip Code: <u>Arvada, CO 80002</u>

Phone No.: <u>970 443 9096</u> E-mail Address: <u>imiller@jawastewater.com</u>

Check one or both:

B. Prefix: Mr. Last Name, First Name: <u>Upadhyaya</u>, Ashraya

Title: <u>Project Engineer</u> Credential: <u>E.I.T.</u>

Organization Name: JA Wastewater

Mailing Address: <u>5765 Fig Way</u> City, State, Zip Code: <u>Arvada, CO 80002</u>

Phone No.: 903 414 0307 E-mail Address: aupadhyaya@jawastewater.com

Check one or both: extstyle exts

Section 5. Permit Contact Information (Instructions Page 27)

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

A. Prefix: Mr. Last Name, First Name: Upadhyaya, Ashraya

Title: <u>Project Engineer</u> Credential: <u>E.I.T.</u>

Organization Name: JA Wastewater

Mailing Address: 5765 Fig Way City, State, Zip Code: Arvada, CO 8002

Phone No.: <u>903 414 0307</u> E-mail Address: <u>aupadhyaya@jawastewater.com</u>

B. Prefix: Mr. Last Name, First Name: Sellers, Stephen

Title: Authorized Signatory, Hutto 525 GP Texas LLC, General Partner of Hutto 525 Development

<u>Partners, LP</u> Credential: Click to enter text.

Organization Name: Hutto 525 Development Partners, LP

Mailing Address: 10235 West Little York Rd, Suite 300 City, State, Zip Code: Houston, TX

<u>77040</u>

Phone No.: 713-239-2925 E-mail Address: ssellers@empirecontinental.com

Section 6. Billing Contact Information (Instructions Page 27)

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

Prefix: Mr. Last Name, First Name: Sellers, Stephen

Title: Authorized Signatory, Hutto 525 GP Texas LLC, General Partner of Hutto 525 Development

Partners, LP Credential: Click to enter text.

Organization Name: Hutto 525 Development Partners, LP

Mailing Address: 10235 West Little York Rd, Suite 300 City, State, Zip Code: Houston, TX

<u>77040</u>

Phone No.: 713-239-2925 E-mail Address: ssellers@empirecontinental.com

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

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

Prefix: Mr. Last Name, First Name: Sellers, Stephen

Title: Authorized Signatory, Hutto 525 GP Texas LLC, General Partner of Hutto 525 Development

Partners, LP Credential: Click to enter text.

Organization Name: Hutto 525 Development Partners, LP

Mailing Address: 10235 West Little York Rd, Suite 300 City, State, Zip Code: Houston, TX

77040

Phone No.: 713-239-2925 E-mail Address: ssellers@empirecontinental.com

Section 8. Public Notice Information (Instructions Page 27)

A. Individual Publishing the Notices

Prefix: Mr. Last Name, First Name: Upadhyaya, Ashraya

Title: Project Engineer Credential: E.I.T.

Organization Name: JA Wastewater City, State, Zip Code: Arvada, CO 80002 Mailing Address: 5765 Fig Way Phone No.: 903 414 0307 E-mail Address: aupadhyaya@jawastewater.com B. Method for Receiving Notice of Receipt and Intent to Obtain a Water Quality Permit **Package** Indicate by a check mark the preferred method for receiving the first notice and instructions: E-mail Address П Fax Regular Mail C. Contact permit to be listed in the Notices Prefix: Mr. Last Name, First Name: Upadhyaya, Ashraya Credential: E.I.T. Title: Project Engineer Organization Name: JA Wastewater Mailing Address: 5765 Fig Way City, State, Zip Code: Arvada, CO 80002 Phone No.: 903 414 0307 E-mail Address: aupadhyaya@jawastewater.com **D. Public Viewing Information** If the facility or outfall is located in more than one county, a public viewing place for each county must be provided. Public building name: Hutto Public Library Location within the building: Information Desk Physical Address of Building: 500 W Live Oak St County: Williamson City: Hutto Contact (Last Name, First Name): Bechara, Tanya Phone No.: <u>512-759-4008</u> Ext.: Click to enter text. E. Bilingual Notice Requirements This information is required for new, major amendment, minor amendment or minor modification, and renewal applications. This section of the application is only used to determine if alternative language notices will be needed. Complete instructions on publishing the alternative language notices will be in your public notice package. Please call the bilingual/ESL coordinator at the nearest elementary and middle schools and obtain the following information to determine whether an alternative language notices are required. 1. Is a bilingual education program required by the Texas Education Code at the elementary or middle school nearest to the facility or proposed facility? No Yes

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

below.

2.		e students w gual educatio				•	choo	l or the mi	iddle	school enrolled ir
	\boxtimes	Yes		No						
3.	Do the locatio	students at n?	these	e schools a	attend a	a bilingual e	duca	tion progr	am a	t another
		Yes	\boxtimes	No						
4.		the school b							ram l	out the school has
		Yes	\boxtimes	No						
5.		nswer is ye s ed. Which lar		_						tive language are
Pla	ain Lang	guage Summ	ary '	Геmplate						
Co	mplete	the Plain Laı	ngua	ge Summa	ry (TCE	Q Form 209	72) a	nd includ	e as a	n attachment.
At	tachme	nt: <u>Plain Lan</u>	guage	Summary	Attachn	<u>nent</u>				
Pu	blic Inv	olvement P	lan F	orm						
	-								_	plication for a
ne	w perm	it or major	amer	ıdment to	a pern	iit and inclu	ıde a	s an attacl	nmen	t.
At	tachme	nt: <u>Public Inv</u>	<u>volver</u>	<u>nent Plan A</u>	ttachme	<u>ent</u>				
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			regul	ated by To	CEQ, pr	ovide the Ro	egula	ted Entity	Num	ber (RN) issued to
		TCEQ's Cer currently re				<u>/www15.tce</u>	<u>q.tex</u>	as.gov/crp	oub/	to determine if
Na	me of p	roject or sit	e (the	name kn	own by	the commu	nity v	where loca	ated):	
Flo	ora WWI	<u>rf</u>								
Ov	vner of	treatment fa	cility	: <u>Hutto 525</u>	<u>Develo</u>	pment Partn	ers Ll	<u>P</u>		
Ov	vnership	of Facility:		Public	\boxtimes	Private		Both		Federal
Ov	vner of	land where t	reatr	nent facili	ty is or	will be:				
Pre	efix: Cli	ck to enter to	ext.	Las	t Name	, First Name	: Clic	k to enter	text.	
Tit	tle: Click	k to enter tex	xt.	Cre	dential:	Click to en	ter te	ext.		
Or	ganizat	ion Name: <u>H</u>	utto 5	<u> 25 Develo</u> r	ment P	artners LP				
	ailing Ac 040	ldress: <u>10235</u>	5 Wes	t Little Yor	k Rd, Su	<u>iite 300</u>	City	, State, Zi	р Сос	le: <u>Houston, TX</u>
Ph	one No.	: <u>713-239-292</u>	<u>25</u>	E-r	nail Ad	dress: Click	to er	nter text.		
		lowner is no						or co-app	lican	t, attach a lease

F.

G.

B.

C.

D.

E.	Owner of effluent disposal site:
	Prefix: Mr. Last Name, First Name: Sellers, Stephen
	Title: <u>Authorized Signatory, Hutto 525 GP Texas LLC, General Partner of Hutto 525 Development Partners, LP</u> Credential: <u>Click to enter text.</u>
	Organization Name: <u>Hutto 525 Development Partners, LP</u>
	Mailing Address: 10235 West Little York Rd, Suite 300 City, State, Zip Code: Houston, TX 77040
	Phone No.: <u>713-239-2925</u> E-mail Address: <u>ssellers@empirecontinental.com</u>
	If the landowner is not the same person as the facility owner or co-applicant, attach a lease agreement or deed recorded easement. See instructions.
	Attachment: Click to enter text.
F.	Owner sewage sludge disposal site (if authorization is requested for sludge disposal on property owned or controlled by the applicant)::
	Prefix: Click to enter text. Last Name, First Name: Click to enter text.
	Title: Click to enter text. Credential: Click to enter text.
	Organization Name: Click to enter text.
	Mailing Address: Click to enter text. City, State, Zip Code: Click to enter text.
	Phone No.: Click to enter text. E-mail Address: Click to enter text.
	If the landowner is not the same person as the facility owner or co-applicant, attach a lease agreement or deed recorded easement. See instructions.
	Attachment: Click to enter text.
Se	ection 10. TPDES Discharge Information (Instructions Page 31)
A.	Is the wastewater treatment facility location in the existing permit accurate?
	□ Yes ⊠ No
	If no , or a new permit application , please give an accurate description:
	WWTF is located approximately 4,650 feet west of the intersection of County Road 160 and County Road 101.
B.	Are the point(s) of discharge and the discharge route(s) in the existing permit correct?
	□ Yes ⊠ No
	If no , or a new or amendment permit application , provide an accurate description of the point of discharge and the discharge route to the nearest classified segment as defined in 30 TAC Chapter 307:
	The existing authorization to discharge of 0.5 MGD flows into Segment 1244C, South Fork of Mustang Creek will remain as is. The proposed discharge of 0.23 MGD will flow into a tributary of South Fork of Mustang Creek. The proposed discharge of 0.12 MGD will flow into an unnamed tributary then to South Fork of Mustang Creek. Altogether, the treated effluent will be conveyed to Mustang Creek, thence to Brushy Creek in Segment No. 1244 of the Brazos River Basin.

Attachment: Click to enter text.

	County in which the outfalls(s) is/are located: Williamson
C.	Is or will the treated wastewater discharge to a city, county, or state highway right-of-way, or a flood control district drainage ditch?
	□ Yes ⊠ No
	If yes , indicate by a check mark if:
	\square Authorization granted \square Authorization pending
	For new and amendment applications, provide copies of letters that show proof of contact and the approval letter upon receipt.
	Attachment: Click to enter text.
D.	For all applications involving an average daily discharge of 5 MGD or more, provide the names of all counties located within 100 statute miles downstream of the point(s) of discharge: N/A
Se	ction 11. TLAP Disposal Information (Instructions Page 32)
Α.	For TLAPs, is the location of the effluent disposal site in the existing permit accurate?
	□ Yes □ No
	If no, or a new or amendment permit application , provide an accurate description of the disposal site location:
	Click to enter text.
В.	City nearest the disposal site: Click to enter text.
C.	County in which the disposal site is located: Click to enter text.
D.	For TLAPs , describe the routing of effluent from the treatment facility to the disposal site:
	Click to enter text.
E.	For TLAPs , please identify the nearest watercourse to the disposal site to which rainfall runoff might flow if not contained: Click to enter text.
Se	ction 12. Miscellaneous Information (Instructions Page 32)
A.	Is the facility located on or does the treated effluent cross American Indian Land?
	□ Yes ⊠ No
В.	If the existing permit contains an onsite sludge disposal authorization, is the location of the sewage sludge disposal site in the existing permit accurate?
	□ Yes □ No ⊠ Not Applicable
	If No, or if a new onsite sludge disposal authorization is being requested in this permit application, provide an accurate location description of the sewage sludge disposal site.

City nearest the outfall(s): <u>Hutto</u>

	Click to enter text.
C.	Did any person formerly employed by the TCEQ represent your company and get paid for service regarding this application?
	□ Yes ⊠ No
	If yes, list each person formerly employed by the TCEQ who represented your company and was paid for service regarding the application: Click to enter text.
D.	Do you owe any fees to the TCEQ?
	□ Yes ⊠ No
	If yes , provide the following information:
	Account number: Click to enter text.
	Amount past due: Click to enter text.
Ε.	Do you owe any penalties to the TCEQ?
	□ Yes ⊠ No
	If yes , please provide the following information:
	Enforcement order number: Click to enter text.
	Amount past due: Click to enter text.
So	ection 13. Attachments (Instructions Page 33)
	-
	licate which attachments are included with the Administrative Report. Check all that apply:
	Lease agreement or deed recorded easement, if the land where the treatment facility is located or the effluent disposal site are not owned by the applicant or co-applicant.
\boxtimes	Original full-size USGS Topographic Map with the following information:
	 Applicant's property boundary Treatment facility boundary Labeled point of discharge for each discharge point (TPDES only) Highlighted discharge route for each discharge point (TPDES only) Onsite sewage sludge disposal site (if applicable) Effluent disposal site boundaries (TLAP only) New and future construction (if applicable) 1 mile radius information 3 miles downstream information (TPDES only) All ponds.
	Attachment 1 for Individuals as co-applicants
	Other Attachments. Please specify: Click to enter text.

Section 14. Signature Page (Instructions Page 34)

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

Permit Number: WQ0015998001

Applicant: Hutto 525 Development Partners, LP

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): Stephen Sellers

Signatory title: <u>Authorized Signatory</u>, <u>Hutto 525 GP Texas LLC</u>, <u>General Partner of Hutto 525 Development Partners</u>, <u>LP</u>

Signature:	My Ti Sm	Date: C	1/00	2024	
51811acarci_	(Use blue ink)		1 1		

Subscribed and Sworn to before	me by the	e said Stephen	7 Sellers
on this 2019	day_of_	September	, 20 <u>24</u> .
My commission expires on the	ate	day of October	. 20 21.

Notary Public

County, Texas

[SEAL]

DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

The following information is required for new and amendment applications.

Section 1. Affected Landowner Information (Instructions Page 36)

Α.	 Indicate by a check mark that the landowners map or drawing, with scale, includes the following information, as applicable: 		
	\boxtimes	The applicant's property boundaries	
	\boxtimes	The facility site boundaries within the applicant's property boundaries	
	\boxtimes	The distance the buffer zone falls into adjacent properties and the property boundaries of the landowners located within the buffer zone	
		The property boundaries of all landowners surrounding the applicant's property (Note: if the application is a major amendment for a lignite mine, the map must include the property boundaries of all landowners adjacent to the new facility (ponds).)	
		The point(s) of discharge and highlighted discharge route(s) clearly shown for one mile downstream	
		The property boundaries of the landowners located on both sides of the discharge route for one full stream mile downstream of the point of discharge	
		The property boundaries of the landowners along the watercourse for a one-half mile radius from the point of discharge if the point of discharge is into a lake, bay, estuary, or affected by tides	
		The boundaries of the effluent disposal site (for example, irrigation area or subsurface drainfield site) and all evaporation/holding ponds within the applicant's property	
		The property boundaries of all landowners surrounding the effluent disposal site	
		The boundaries of the sludge land application site (for land application of sewage sludge for beneficial use) and the property boundaries of landowners surrounding the applicant's property boundaries where the sewage sludge land application site is located	
		The property boundaries of landowners within one-half mile in all directions from the applicant's property boundaries where the sewage sludge disposal site (for example, sludge surface disposal site or sludge monofill) is located	
В.	⊠ addı	Indicate by a check mark that a separate list with the landowners' names and mailing resses cross-referenced to the landowner's map has been provided.	
C.	Indi	cate by a check mark in which format the landowners list is submitted:	
		☐ USB Drive ☐ Four sets of labels	
D.		ride the source of the landowners' names and mailing addresses: <u>Williamson County</u> raisal District Map	
Е.		equired by <i>Texas Water Code § 5.115</i> , is any permanent school fund land affected by application? Yes No	

	If ye s	s, provide the location and foreseeable impacts and effects this application has on the s):
	Clic	k to enter text.
-		
Se	ect101	n 2. Original Photographs (Instructions Page 38)
		original ground level photographs. Indicate with checkmarks that the following tion is provided.
		At least one original photograph of the new or expanded treatment unit location
		At least two photographs of the existing/proposed point of discharge and as much area downstream (photo 1) and upstream (photo 2) as can be captured. If the discharge is to an open water body (e.g., lake, bay), the point of discharge should be in the right or left edge of each photograph showing the open water and with as much area on each respective side of the discharge as can be captured.
		At least one photograph of the existing/proposed effluent disposal site
		A plot plan or map showing the location and direction of each photograph
Se	ctio	n 3. Buffer Zone Map (Instructions Page 38)
Α.	infor	er zone map. Provide a buffer zone map on 8.5×11 -inch paper with all of the following mation. The applicant's property line and the buffer zone line may be distinguished by g dashes or symbols and appropriate labels.
	•	The applicant's property boundary; The required buffer zone; and Each treatment unit; and The distance from each treatment unit to the property boundaries.
В.		er zone compliance method. Indicate how the buffer zone requirements will be met. k all that apply.
	\boxtimes	Ownership
		Restrictive easement
		Nuisance odor control
		Variance
C.		itable site characteristics. Does the facility comply with the requirements regarding itable site characteristic found in 30 TAC § 309.13(a) through (d)?
	\boxtimes	l Yes □ No

DOMESTIC WASTEWATER PERMIT APPLICATION SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

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

Attachment: SPIF Map

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

FOR AGENCIES REVIEWING DOMESTIC OR INDUSTRIAL TPDES WASTEWATER PERMIT APPLICATIONS

TOTO WOT ONWY	
TCEQ USE ONLY: Application type: Denoted Major American	andment Miner Amendment New
Application type:RenewalMajor Ame	
County:	
Admin Complete Date:	
Agency Receiving SPIF:	U.C. Figh and Wildlife
Texas Historical Commission	
Texas Parks and Wildlife Department	U.S. Army Corps of Engineers
This faces are the tar TDDFC or any it are the state or	
This form applies to TPDES permit applications	
Complete this form as a separate document. TCE our agreement with EPA. If any of the items are r is needed, we will contact you to provide the info each item completely.	not completely addressed or further information
Do not refer to your response to any item in the attachment for this form separately from the Adapplication will not be declared administratively completed in its entirety including all attachmen may be directed to the Water Quality Division's Amail at	

answer specific questions about the property.				
Prefix (Mr., Ms., Miss): Mr.				
First and Last Name: <u>Stephen Sellers</u>				
Credential (P.E, P.G., Ph.D., etc.):				
Title:				
Mailing Address: 10235 West Little Vork Rd. Suite 300				
Mailing Address: <u>10235 West Little York Rd, Suite 300</u> City, State, Zip Code: <u>Houston, TX 77040</u>				
Phone No.: 713-239-2925 Ext.: Fax No.:				
E-mail Address: ssellers@empirecontinental.com				
List the county in which the facility is located: Williamson				
If the property is publicly owned and the owner is different than the permittee/applicant,				
please list the owner of the property.				
Click here to enter text				
Provide a description of the effluent discharge route. The discharge route must follow the flow				
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				
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				
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Provide the name, address, phone and fax number of an individual that can be contacted to

2.3.

4.

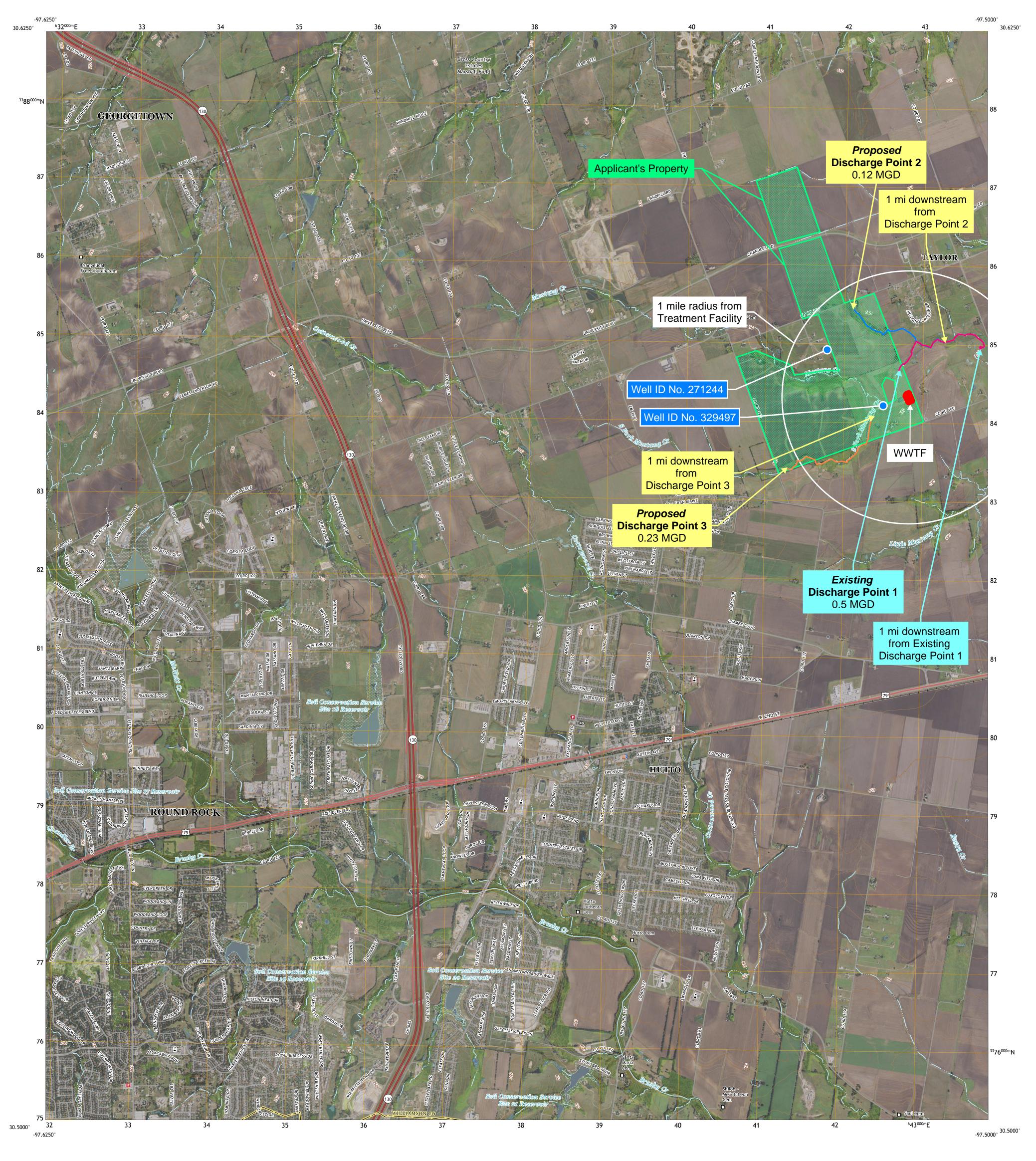
5.

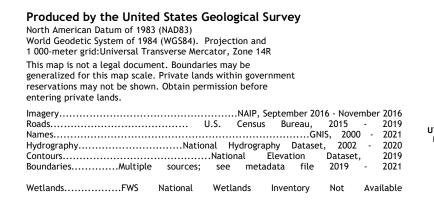
		Sealing caves, fractures, sinkholes, other karst features
		Disturbance of vegetation or wetlands
1.		oposed construction impact (surface acres to be impacted, depth of excavation, sealing es, or other karst features):
	N/A	
2.		be existing disturbances, vegetation, and land use:
	Ine a	rea is mainly undeveloped land.
		OWING ITEMS APPLY ONLY TO APPLICATIONS FOR NEW TPDES PERMITS AND MAJOR ENTS TO TPDES PERMITS
3.		nstruction dates of all buildings and structures on the property:
	May 2	2024 – Existing wastewater treatment facility (activated sludge).
4.	Provid	e a brief history of the property, and name of the architect/builder, if known.
		is developed by Hutto 525 Development Partners, LP.

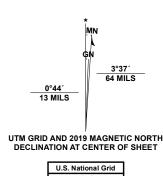
U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

The National Map
US Topo

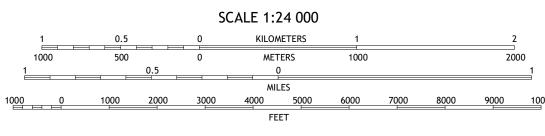
HUTTO QUADRANGLE TEXAS 7.5-MINUTE SERIES



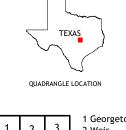




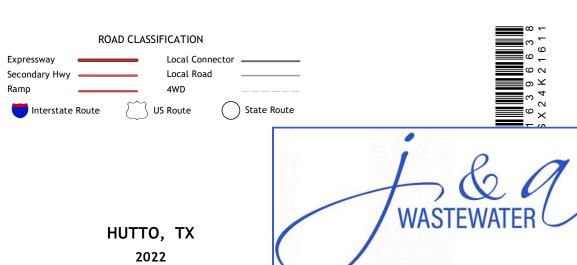
Grid Zone Designati 14R





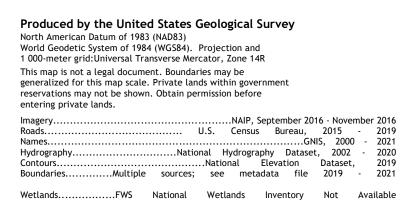


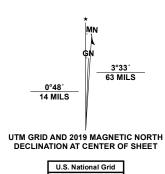




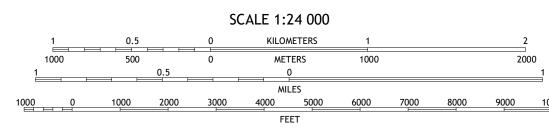
TAYLOR QUADRANGLE TEXAS - WILLIAMSON COUNTY 7.5-MINUTE SERIES





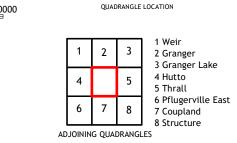


Grid Zone Designation 14R



CONTOUR INTERVAL 10 FEET NORTH AMERICAN VERTICAL DATUM OF 1988

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





English Plain Language Summary

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

Hutto 525 Development Partners, LP proposes to expand Flora Wastewater Treatment Facility (WWTF) from its existing activated sludge plant into a membrane bioreactor (MBR) system consisting of several process trains. The facility is located approximately 4,650 feet west of the intersection of County Road 160 and County Road 101.

This application is to amend the existing permit in order to dispose a daily average flow not to exceed 850,000 gallons per day of treated domestic wastewater via three discharge points. The existing discharge of 0.5 MGD flows into Segment 1244C, South Fork of Mustang Creek. The proposed discharge of 0.23 MGD will flow into a tributary of South Fork of Mustang Creek. The proposed discharge of 0.12 MGD will flow into an unnamed tributary then to South Fork of Mustang Creek. Altogether, the treated effluent will be conveyed to Mustang Creek, thence to Brushy Creek in Segment No. 1244 of the Brazos River Basin.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD5), total suspended solids (TSS), ammonia nitrogen (NH3-N), and Escherichia coli. Domestic wastewater will be treated by an MBR, and the system will have a primary screen, equalization tank, multiple process trains consisting of anoxic, aeration, membrane zones, and sludge holding tanks. The facility will utilize UV or chlorine disinfection. In addition, the facility includes temporary storage that equals to at least three days of the daily average flow.



Spanish Plain Language Summary

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 exige 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 federal. representaciones ejecutables de la solicitud de permiso.

Hutto 525 Development Partners, LP propone ampliar la instalación de tratamiento de aguas residuales Flora (WWTF) de su planta de lodos activados existente a un sistema de biorreactor de membrana (MBR) que consta de varios trenes de proceso. La instalación está ubicada aproximadamente a 4,650 pies al oeste de la intersección de County Road 160 y County Road 101.

Esta solicitud es para modificar el permiso existente para eliminar un flujo promedio diario que no exceda los 850,000 galones por día de aguas residuales domésticas tratadas a través de tres puntos de descarga. La descarga existente de 0,5 MGD desemboca en el Segmento 1244C, South Fork de Mustang Creek. La descarga propuesta de 0,23 MGD fluirá hacia un afluente de South Fork de Mustang Creek. La descarga propuesta de 0,12 MGD fluirá hacia un afluente sin nombre y luego hacia South Fork de Mustang Creek. En total, el efluente tratado se transportará a Mustang Creek y de allí a Brushy Creek en el segmento n.º 1244 de la cuenca del río Brazos.

Se espera que las descargas de la instalación contengan demanda bioquímica de oxígeno carbonoso (CBOD5) de cinco días, sólidos suspendidos totales (SST), nitrógeno amoniacal (NH3-N) y Escherichia coli. Las aguas residuales domésticas serán tratadas mediante un MBR y el sistema tendrá una pantalla primaria, un tanque de ecualización, múltiples trenes de proceso que constan de zonas anóxicas, de aireación, de membrana y tanques de retención de lodos. La instalación utilizará desinfección con UV o cloro. Además, la instalación incluye almacenamiento temporal que equivale al menos a tres días del caudal medio diario.





TCEQ Core Data Form

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

SECTION I: General Information

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

New Perr	nit, Registra	ation or A	Authorization	Core Data Form	should be s	submitted v	with the prog	ram application.)			
Renewal	Renewal (Core Data Form should be submitted with the renewal form)							Other			
2. Customer Reference Number (if issued) Eollow this link to s for CN or RN numb Central Registry					l numbers i	<u>in</u>	3. Regulated Entity Reference Number (if issued) RN 111266722				
ECTIO	N II:	Cus	tomer	<u>Inform</u>	ation	<u>l</u>					
4. General Customer Information 5. Effective Date for C				ate for Cu	ustomer Ir	nformation	Updates (mm/dd,	⁽ уууу)			
☐ New Custon☐Change in L		(Verifiabl		pdate to Custom cas Secretary of S				ge in Regulated En Accounts)	tity Own	ership	
The Custome (SOS) or Texa					tomaticali	ly based o	on what is c	urrent and active	with th	ne Texas Sec	retary of State
6. Customer	Legal Nan	ne (If an	individual, pri	nt last name first	: eg: Doe, J	lohn)		If new Customer,	enter pro	evious Custon	ner below:
Hutto 525 Dev	elopment P	artners,	LP								
7. TX SOS/CP	A Filing N	umber		8. TX State Ta	ix ID (11 d	igits)		9. Federal Tax ID 10. DUNS Number applicable)			, ,
0803811510				32076452179			(9 digits)		ирріїсивіе)		
							_	85-3828992			
11. Type of C	ustomer:		Corporat	ion			Individ	ividual Partnership: ☐ General ☒ Lim		neral 🔀 Limited	
Government: [City 🗌	County [Federal 🗌	Local 🗌 State [Other		☐ Sole P	roprietorship	Ot	her:	
12. Number	of Employ	ees						13. Independe	ntly Ow	ned and Op	erated?
⊠ 0-20	21-100 [101-2	50 🗌 251-	500 🗌 501 ar	nd higher			⊠ Yes	☐ No		
14. Custome	Role (Pro	posed or	Actual) – as i	t relates to the Re	egulated Er	ntity listed o	on this form.	Please check one o	f the follo	owing	
☑Owner ☑Occupation	al Licensee	_	erator esponsible Pai		er & Opera CP/BSA App			Other			
15. Mailing 10235 West Little York Rd, Suite 300											
Address:	City	Housto	on		State	TX	ZIP	77040		ZIP + 4	
16. Country I	Mailing In	formati	on (if outside	USA)		1	7. E-Mail A	ddress (if applicab	le)	•	•

TCEQ-10400 (11/22) Page 1 of 3

18. Telephone Number	19. Extension or Code	20. Fax Number (if applicable)
(713) 239-2925		() -

SECTION III: Regulated Entity Information

21. General Regulated Entity information (i) New Regulated Entity is selected, a new permit application is also required.)									
☐ New Regulated Entity ☐ Update to Regulated Entity Name ☐ Update to Regulated Entity Information									
The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).									
22. Regulated Entity Nam	22. Regulated Entity Name (Enter name of the site where the regulated action is taking place.)								
South Fork Ranch MUD									
23. Street Address of the Regulated Entity:	900 County Road 160								
(No PO Boxes)	City	Hutto	State	TX	ZIP	76574		ZIP + 4	
24. County	Williamson	•	-		I	ı			1
		If no Stree	et Address is provi	ded, fields 2	25-28 are re	quired.			
25. Description to	WWTF is lo	rated approximate	ely 4,650 feet west of	the intersect	ion of County	, Road 16	0 and County F	Road 101	
Physical Location:	*****	cutcu approximati	ery 1,050 reet west or	the intersect	ion or county	, 110uu 10	o una county i	.000 101.	
26. Nearest City						State		Nea	rest ZIP Code
Hutto TX 76574									
Latitude/Longitude are re used to supply coordinate	-	-	-		Data Standa	ırds. (Ge	ocoding of th	ne Physical	Address may be
_	es where no	-	-	accuracy).	Data Standa ongitude (V			97.51050	
used to supply coordinate	es where no	ne have been p	-	accuracy).	ongitude (V	V) In Dec		_	
used to supply coordinate 27. Latitude (N) In Decima	es where no	ne have been p	provided or to gain	accuracy).	ongitude (V	V) In Dec	imal:	_	06°
27. Latitude (N) In Decimal Degrees	al: Minutes	30.582994°	Seconds 58.78	28. L Degre	ongitude (Vees	V) In Dec	cimal: Minutes	_	Seconds 37.82
27. Latitude (N) In Decimal Degrees	al: Minutes	30.582994°	Seconds 58.78	28. L	ongitude (Vees	V) In Dec	cimal: Minutes	97.51050	Seconds 37.82
used to supply coordinate 27. Latitude (N) In Decima Degrees 30 29. Primary SIC Code (4 digits) 6552	al: Minutes 30.	30.582994° 34 Secondary SIC	Seconds 58.78 Code	28. L Degre 31. Primar (5 or 6 digi	ongitude (V ees -97 ry NAICS Co	V) In Dec	Minutes 30 32. Seco	97.51050	Seconds 37.82
used to supply coordinate 27. Latitude (N) In Decima Degrees 30 29. Primary SIC Code (4 digits)	al: Minutes 30.	30.582994° 34 Secondary SIC	Seconds 58.78 Code	28. L Degre 31. Primar (5 or 6 digi	ongitude (V ees -97 ry NAICS Co	V) In Dec	Minutes 30 32. Seco	97.51050	Seconds 37.82
used to supply coordinate 27. Latitude (N) In Decima Degrees 30 29. Primary SIC Code (4 digits) 6552	al: Minutes 30.	30.582994° 34 Secondary SIC	Seconds 58.78 Code	28. L Degre 31. Primar (5 or 6 digi	ongitude (V ees -97 ry NAICS Co	V) In Dec	Minutes 30 32. Seco	97.51050	Seconds 37.82
used to supply coordinate 27. Latitude (N) In Decima Degrees 30 29. Primary SIC Code (4 digits) 6552 33. What is the Primary E Wastewater Treatment	Minutes 30. (4 c	30.582994° 34 Secondary SIC	Seconds 58.78 Code	28. L Degre 31. Primar (5 or 6 digi	ongitude (V ees -97 ry NAICS Co	V) In Dec	Minutes 30 32. Seco	97.51050	Seconds 37.82
used to supply coordinate 27. Latitude (N) In Decima Degrees 30 29. Primary SIC Code (4 digits) 6552 33. What is the Primary E	Minutes 30. (4 c	30.582994° 34 Secondary SIC digits)	Seconds 58.78 Code	28. L Degre 31. Primar (5 or 6 digi	ongitude (V ees -97 ry NAICS Co	V) In Dec	Minutes 30 32. Seco	97.51050	Seconds 37.82
used to supply coordinate 27. Latitude (N) In Decima Degrees 30 29. Primary SIC Code (4 digits) 6552 33. What is the Primary B Wastewater Treatment	Minutes 30. (4 c	30.582994° 34 Secondary SIC digits)	Seconds 58.78 Code	28. L Degre 31. Primar (5 or 6 digi	ongitude (V ees -97 ry NAICS Co	V) In Dec	Minutes 30 32. Seco	97.51050	Seconds 37.82
used to supply coordinate 27. Latitude (N) In Decima Degrees 30 29. Primary SIC Code (4 digits) 6552 33. What is the Primary B Wastewater Treatment	Minutes 30. (4 c) Business of to	30.582994° 34 Secondary SIC ligits) this entity? (Do	Seconds 58.78 Code o not repeat the SIC of Suite 300 State	28. L. Degre 31. Primai (5 or 6 digi	ees -97 ry NAICS Co	V) In Dec	Minutes 30 32. Seco	97.51050 ndary NAI	Seconds 37.82
used to supply coordinate 27. Latitude (N) In Decima Degrees 30 29. Primary SIC Code (4 digits) 6552 33. What is the Primary E Wastewater Treatment 34. Mailing Address:	Minutes 30. (4 c) Business of to	30.582994° 34 Secondary SIC ligits) this entity? (Do	Seconds 58.78 Code o not repeat the SIC of Suite 300 State	28. L Degree 31. Primar (5 or 6 digital control of NAICS description of NAICS description) TX	ongitude (Vees -97 ry NAICS Co tts) ziption.)	V) In Dec	Minutes 30 32. Seco	97.51050 ndary NAId gits)	Seconds 37.82

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☐ Dam Safety	Districts	☐ Edwards Aquifer		Emissions Inventory Air		Industrial Hazardous
☐ Municipal Solid Was	te New Source Review Air	OSSF		Petroleum Storage Tank] PWS
Sludge	Storm Water	☐ Title V Air		Tires		Used Oil
☐ Voluntary Cleanup	⊠ Wastewater	☐ Wastewater Agricu	lture 🔲	☐ Water Rights		Other:
12. Telephone Number 903) 414-0307	a Upadhyaya er 43. Ext./Code	44. Fax Number	41. Title: 45. E-Mail /	Project Engineer Address @jawastewater.com	11.00	
. By my signature below	Authorized S , I certify, to the best of my know alf of the entity specified in Second	owledge, that the informati	on provided in the	nis form is true and comple odates to the ID numbers io	te, and t	that I have signature au d in field 39.
Company: Hutto 525 Development Partners, LP			Job Title:	Authorized Signatory, F Partner of Hutto 525 D		
Name (In Print): S	tephen Sellers		Phone:	(71	13) 239- 2925	
	Signature: ST. Fr.			Date:		9/20/2024

Public Involvement Plan Form for Permit and Registration Applications

The Public Involvement Plan is intended to provide applicants and the agency with information about how public outreach will be accomplished for certain types of applications in certain geographical areas of the state. It is intended to apply to new activities; major changes at existing plants, facilities, and processes; and to activities which are likely to have significant interest from the public. This preliminary screening is designed to identify applications that will benefit from an initial assessment of the need for enhanced public outreach.

All applicable sections of this form should be completed and submitted with the permit or registration application. For instructions on how to complete this form, see TCEQ-20960-inst.

Section 1. Preliminary Screening						
New Permit or Registration Application New Activity - modification, registration, amendment, facility, etc. (see instructions)						
If neither of the above boxes are checked, completion of the form is not required and does not need to be submitted.						
Section 2. Secondary Screening						
Requires public notice,						
Considered to have significant public interest, <u>and</u>						
Located within any of the following geographical locations:						
 Austin Dallas Fort Worth Houston San Antonio West Texas Texas Panhandle Along the Texas/Mexico Border Other geographical locations should be decided on a case-by-case basis 						
If all the above boxes are not checked, a Public Involvement Plan is not necessary. Stop after Section 2 and submit the form.						
Public Involvement Plan not applicable to this application. Provide brief explanation.						

Page 1 of 4

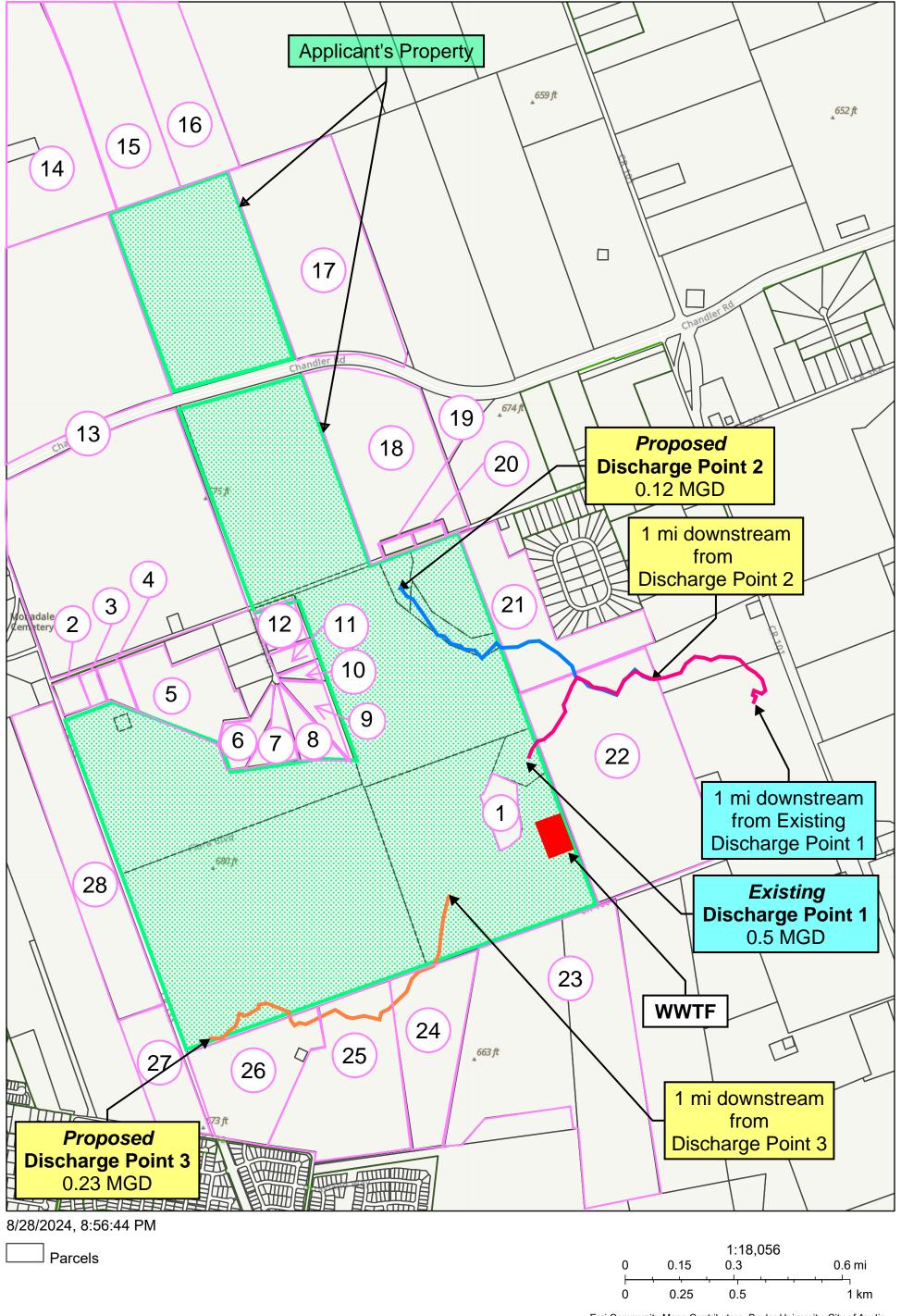
TCEQ-20960 (02-09-2023)

Section 5. Community and Demographic Information
Community information can be found using EPA's EJ Screen, U.S. Census Bureau information, or generally available demographic tools.
Information gathered in this section can assist with the determination of whether alternative language notice is necessary. Please provide the following information.
g
(City)
(County)
(Constant)
(Census Tract) Please indicate which of these three is the level used for gathering the following information.
City County Census Tract
(a) Percent of people over 25 years of age who at least graduated from high school
(b) Per capita income for population near the specified location
(c) Percent of minority population and percent of population by race within the specified location
(d) Percent of Linguistically Isolated Households by language within the specified location
(e) Languages commonly spoken in area by percentage
(f) Community and/or Stakeholder Groups
(g) Historic public interest or involvement
(g) motoric public interest of involvement

Section 6. Planned Public Outreach Activities						
(a) Is this application subject to the public participation requirements of Title 30 Texas Administrative Code (30 TAC) Chapter 39? Yes No						
(b) If yes, do you intend at this time to provide public outreach other than what is required by rule? Yes No If Yes, please describe.						
If you answered "yes" that this application is subject to 30 TAC Chapter 39, answering the remaining questions in Section 6 is not required.						
(c) Will you provide notice of this application in alternative languages? Yes No						
Please refer to Section 5. If more than 5% of the population potentially affected by your application is Limited English Proficient, then you are required to provide notice in the alternative language.						
If yes, how will you provide notice in alternative languages?						
Publish in alternative language newspaper						
Posted on Commissioner's Integrated Database Website						
Mailed by TCEQ's Office of the Chief Clerk						
Other (specify)						
(d) Is there an opportunity for some type of public meeting, including after notice?						
Yes No						
(e) If a public meeting is held, will a translator be provided if requested?						
Yes No						
(f) Hard copies of the application will be available at the following (check all that apply):						
TCEQ Regional Office TCEQ Central Office						
Public Place (specify)						
Section 7. Voluntary Submittal						
For applicants voluntarily providing this Public Involvement Plan, who are not subject to formal public participation requirements.						
Will you provide notice of this application, including notice in alternative languages? Yes No What types of notice will be provided?						
Publish in alternative language newspaper						
Posted on Commissioner's Integrated Database Website						
Mailed by TCEQ's Office of the Chief Clerk						
Other (specify)						

TCEQ-20960 (02-09-2023) Page 4 of 4

Flora WWTF - Affected Land Owner Map



Esri Community Maps Contributors, Baylor University, City of Austin, County of Williamson, Texas Parks & Wildlife, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS



AFFECTED LANDOWNER LIST

	Address Source:	Williamson Central Appraisal District Map (wcad.org)	On Aug 29, 2024
Map Label	Property ID Number	Owner Name	Mailing Address
1	R620775	MABERRY, JOHN STEWART ET AL	2505 ALLSTON LN AUSTIN, TX 78746
2	R307187	GLASS, CASEY JOHN & CASANDRA LEE	50 COUNTY ROAD 394 HUTTO, TX 78634
3	R307186	PATSCHKE REUBEN L AND	50 COUNTY ROAD 394 HUTTO, TX 78634-3212
4	R307185	PATSCHKE, NEAL ALLAN & HEATHER NICOLE	100 COUNTY ROAD 394 HUTTO, TX 78634-3212
5	R020969	KLEPZIG, STEPHEN & DONNA L	280 COUNTY ROAD 394 HUTTO, TX 78634-3212
6	R314004	CHALMERS, PHILIP & SUZANNE	150 MUSTANG DR, HUTTO, TX 78634
7	R314000	TRUSTEES OF BYRON AND JOANNE MCDANIEL TRUST	200 MUSTANG DR HUTTO, TX 78634
8	R313997	HARTMAN, DAVID A & ANGELA	201 MUSTANG DR HUTTO, TX 78634-4425
9	R313994	FAULK, ROBIN WEISS TRUSTEE OF THE ROBIN WEISS FAULK TRUST	151 MUSTANG DR HUTTO, TX 78634
10	R313990	BLAKELY, CODY & GINA PICCINNI	115 MUSTANG DR HUTTO, TX 78634
11	R313988	HODDE, FRITZ E & BETTY L	101 MUSTANG DR HUTTO, TX 78634
12	R313981	URBAN, CLARA	51 MUSTANG DR HUTTO, TX 78634-4423
13	R509946, R020975	FUESSEL HOLDINGS LLC	11255 HWY 79 TAYLOR, TX 76574
14	R356504	COPELAND, WELDON R & CAROLYN A	PO BOX 670 HUTTO, TX 78634-0670
15	R020384	COPELAND, WELDON R	PO BOX 670 HUTTO, TX 78634-0670
16	R364687	NOREN, CHRISTY	3711 COUNTY ROAD 100 HUTTO, TX 78634-3011
17	R512912	DOVANTEX LLC	157 LADY BIRD LN GEORGETOWN, TX 78628-6002
18	R516420	SANCHEZ, MINERVA G	1161 COUNTY ROAD 394 HUTTO, TX 78634
19	R594464	NUNEZ, ISRAEL & GABRIELA TINAJERO RESENDIZ	1001 COUNTY ROAD 394 HUTTO, TX 78634-2446
20	R594465	SANCHEZ, GUADALUPE R	2400 SMITH AVE TAYLOR, TX 76574-1461
21	R096169	CARRILLO, GUILLERMO & ALMA	50302 EAGLE TRACE DR GEORGETOWN, TX 78626-6205
22	R020973	VITTEK, EVELYN M TRUSTEE OF THE VITTEK RESIDUARY TRUST	8002 BURRELL DR AUSTIN, TX 78757-8335
23	R578084, R020320	CIVITAS AT HUTTO LLC	5599 SAN FELIPE #STE 565 HOUSTON, TX 77056
24	R020314	HUTTO CR 132 VENTURES LLC	101 PARKLANE BLVD STE 102 SUGAR LAND, TX 77478-5521
25	R020324	MURPHY ALVIN TOMAS ESTATE	1326 CR 3376 KEMPNER, TX 76539
26	R020313	ESTATES OF HUTTO LLC	1717 MCKINNEY AVE #STE 1590 DALLAS, TX 75202
27	R020380	WALKER, CHARLES MERVIN	11568 PENDLETON TROY RD TROY, TX 76579
28	R619629	GRBK EDGEWOOD LLC & MERITAGE HOMES OF TEXAS LLC	5501 HEADQUARTERS DR #STE 300W PLANO, TX 75024



MABERRY JOHN STEWART ET AL GLASS CASEY JOHN & CASANDRA LEE PATSCHKE REUBEN L AND 50 COUNTY ROAD 394 2505 ALLSTON LN 50 COUNTY ROAD 394 **AUSTIN TX 78746 HUTTO TX 78634** HUTTO TX 78634-3212 PATSCHKE NEAL ALLAN & HEATHER NICOLE KLEPZIG STEPHEN & DONNA L **CHALMERS PHILIP & SUZANNE** 100 COUNTY ROAD 394 150 MUSTANG DR HUTTO TX 280 COUNTY ROAD 394 HUTTO TX 78634-3212 HUTTO TX 78634-3212 **HUTTO TX 78634**

TRUSTEES OF BYRON AND JOANNE HARTMAN DAVID A & ANGELA FAULK ROBIN WEISS TRUSTEE OF THE ROBIN MEDANIEL TRUST

201 MUSTANG DR

HUTTO TX 78634-4425

HUTTO TX 78634

HUTTO TX 78634

BLAKELY CODY & GINA PICCINNI HODDE FRITZ E & BETTY L URBAN CLARA

115 MUSTANG DR 101 MUSTANG DR 51 MUSTANG DR

HUTTO TX 78634 HUTTO TX 78634 HUTTO TX 78634-4423

FUESSEL HOLDINGS LLC COPELAND WELDON R & CAROLYN A COPELAND WELDON R
11255 HWY 79 PO BOX 670 PO BOX 670
TAYLOR TX 76574 HUTTO TX 78634-0670 HUTTO TX 78634-0670

NOREN CHRISTY DOVANTEX LLC SANCHEZ MINERVA G
3711 COUNTY ROAD 100 157 LADY BIRD LN 1161 COUNTY ROAD 394
HUTTO TX 78634-3011 GEORGETOWN TX 78628-6002 HUTTO TX 78634

NUNEZ ISRAEL & GABRIELA TINAJERO SANCHEZ GUADALUPE R CARRILLO GUILLERMO & ALMA RESENDIZ 2400 SMITH AVE 50302 EAGLE TRACE DR 1001 COUNTY ROAD 394 TAYLOR TX 76574-1461 GEORGETOWN TX 78626-6205

HUTTO TX 78634-2446

1717 MCKINNEY AVE #STE 1590

DALLAS TX 75202

VITTEK EVELYN M TRUSTEE OF THE VITTEK HUTTO CR 132 VENTURES LLC MURPHY ALVIN TOMAS ESTATE RESIDUARY TRUST 101 PARKLANE BLVD STE 102 1326 CR 3376 8002 BURRELL DR SUGAR LAND TX 77478-5521 KEMPNER TX 76539

8002 BURRELL DR

AUSTIN TX 78757-8335

CIVITAS AT HUTTO LLC

WALKER CHARLES MERVIN

5599 SAN FELIPE #STE 565

11568 PENDLETON TROY RD

5501 HEADOUARTERS DR #STE 300W

5599 SAN FELIPE #STE 565 11568 PENDLETON TROY RD
HOUSTON TX 77056 TROY TX 76579 5501 HEADQUARTERS DR #STE 300W
PLANO TX 75024

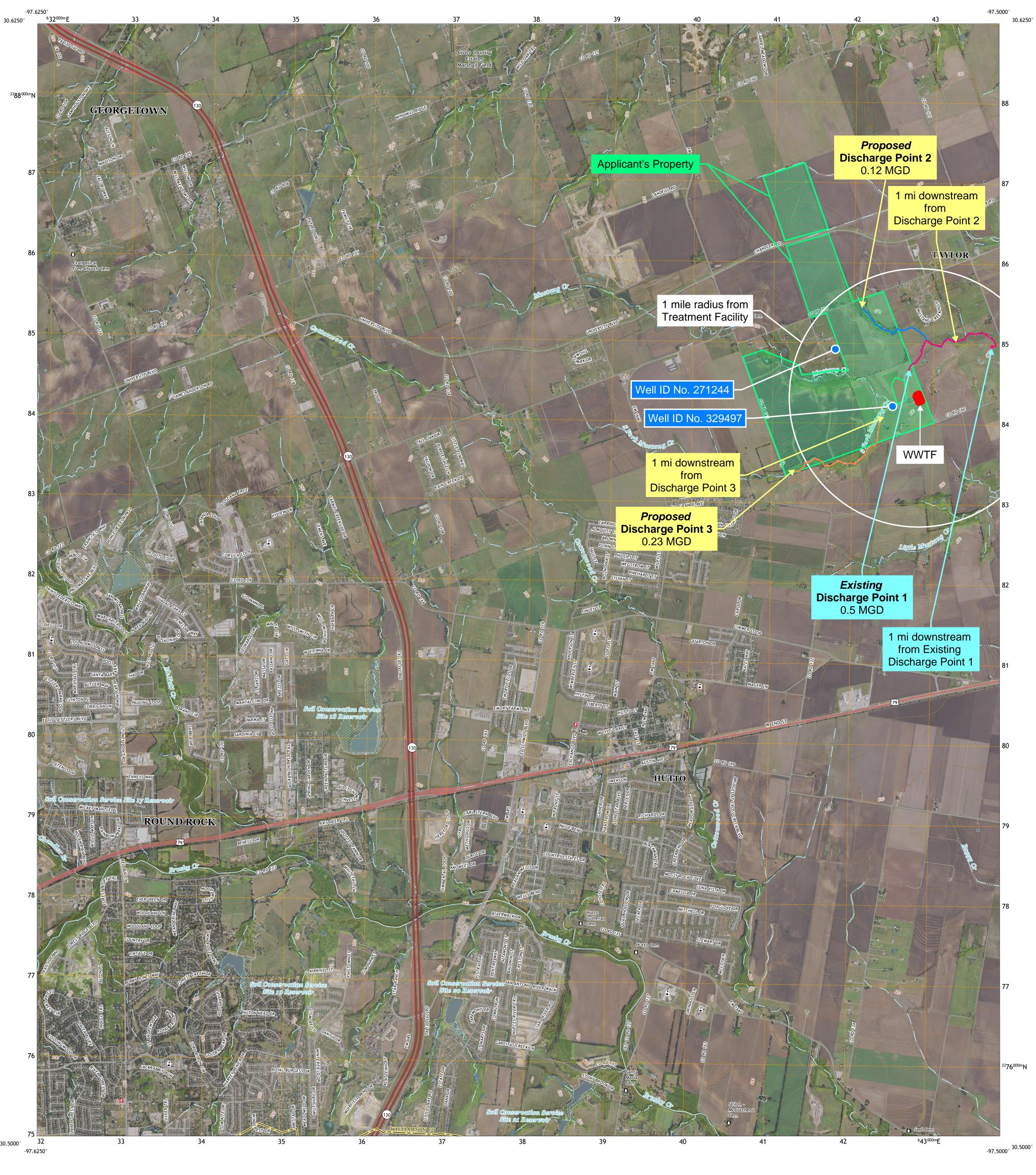
ESTATES OF HUTTO LLC

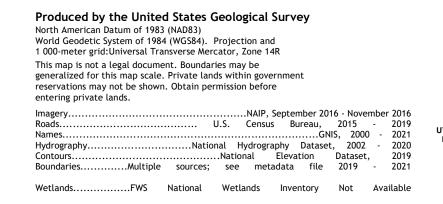
U.S. DEPARTMENT OF THE INTERIOR U.S. GEOLOGICAL SURVEY

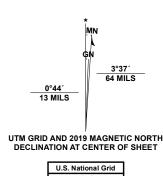
Science for a changing world

The National Map
US Topo

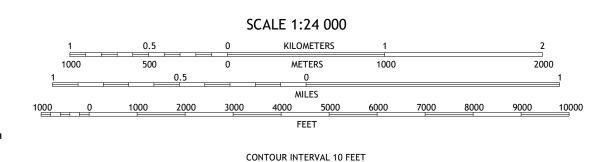
HUTTO QUADRANGLE TEXAS 7.5-MINUTE SERIES







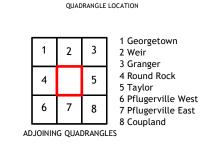
Grid Zone Designati 14R

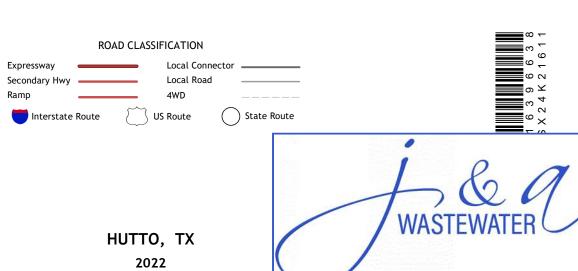


NORTH AMERICAN VERTICAL DATUM OF 1988

This map was produced to conform with the

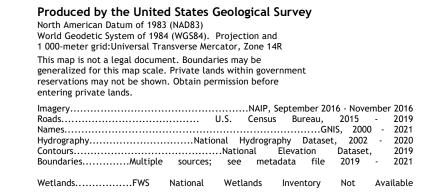
National Geospatial Program US Topo Product Standard.

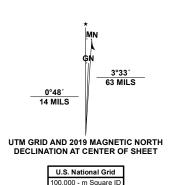




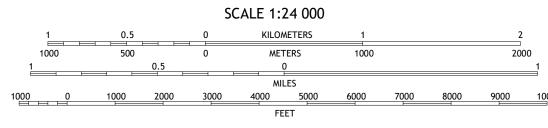
TAYLOR QUADRANGLE TEXAS - WILLIAMSON COUNTY 7.5-MINUTE SERIES





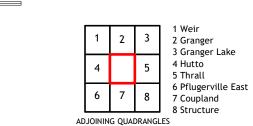


Grid Zone Designation 14R



CONTOUR INTERVAL 10 FEET NORTH AMERICAN VERTICAL DATUM OF 1988

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



QUADRANGLE LOCATION



STATE OF TEXAS WELL REPORT for Tracking #271244

Owner: Dwayne Doherty Owner Well #: No Data

Address: **151 Mustang Dr.** Grid #: **58-28-3**

Hutto, TX 78634

Well Location: 151 Mustang Dr.

Latitude: 30° 35' 16" N

Hutto, TX 78634 Longitude: 097° 31' 17" W

Well County: Williamson Elevation: No Data

Type of Work: New Well Proposed Use: Irrigation

Drilling Start Date: 10/17/2011 Drilling End Date: 10/19/2011

 Diameter (in.)
 Top Depth (ft.)
 Bottom Depth (ft.)

 Borehole:
 9
 0
 50

6.75 50 950

Drilling Method: Air Rotary

Borehole Completion: Straight Wall

Annular Seal Data:

Top Depth (ft.)

Bottom Depth (ft.)

Description (number of sacks & material)

50

5cmt 2 volclay

Seal Method: gravity poured Distance to Property Line (ft.): 100+

Sealed By: **ADC** Distance to Septic Field or other

concentrated contamination (ft.): 150+

Distance to Septic Tank (ft.): No Data

Method of Verification: tape

Surface Completion: Surface Sleeve Installed

Water Level: 415 ft. below land surface on 2011-10-19 Measurement Method: Unknown

Packers: neoprene rubber and burlap 50,730,830

Type of Pump: Submersible Pump Depth (ft.): 700

Well Tests: Jetted Yield: 50 GPM

Description (number of sacks & material)

Top Depth (ft.)

Bottom Depth (ft.)

Plug Information:

n/a

Water Quality:

830-930	Edwards
Strata Depth (ft.)	Water Type

Chemical Analysis Made: No

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

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the

driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in

the report(s) being returned for completion and resubmittal.

Company Information: Associated Drilling Inc.

12928 Lowden Ln. Manchaca, TX 78652

Driller Name: James Benoit License Number: 4064

Comments: No Data

Lithology: DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.) Bottom (ft.) Description 0 3 topsoil 3 10 yellow lime 10 15 yellow clay 15 80 blue clay 80 580 gray lime 590 580 black shale 590 640 gray clay 640 830 gray lime 830 890 tan limestone 890 930 brown sandstone (Edwards) 930 950 gray limestone

Casing: BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Туре	Setting From/To (ft.)			
5 od ne	w sdr17 p	vc -2 to	890			
5 od new sdr17 pvc (.032) screen 890 to 930						
5 od ne	5 od new sdr17 pvc 930 to 950					

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

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

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

Texas Department of Licensing and Regulation P.O. Box 12157 Austin, TX 78711 (512) 334-5540 STATE OF TEXAS WELL REPORT for Tracking #329497

Owner: 3 G Ranch Owner Well #: 1

Address: 900 CR 160 Grid #: 58-28-6

Taylor, TX 76574

Well Location: 900 CR 160

Taylor, TX 76574

Williamson

Latitude:

30° 34' 54" N

Longitude:

097° 30' 48" W

•

Elevation:

No Data

Type of Work: New Well Proposed Use: Stock

Drilling Start Date: 11/1/2011 Drilling End Date: 11/2/2011

Borehole:

Well County:

Diameter (in.)	Top Depth (ft.)	Bottom Depth (ft.)
12	0	38
6.75	38	980

Drilling Method: Air Rotary

Borehole Completion: Straight Wall

Annular Seal Data:

Top Depth (ft.)	Bottom Depth (ft.)	Description (number of sacks & material)
0	5	3.5 benseal
5	60	7benseal

Seal Method: **gravity feed**Distance to Property Line (ft.): **50+**

Sealed By: **Driller** Distance to Septic Field or other

concentrated contamination (ft.): 100+

Distance to Septic Tank (ft.): No Data

Method of Verification: measured

Surface Completion: Surface Sleeve Installed

Water Level: 275 ft. below land surface on 2011-11-02 Measurement Method: Unknown

Packers: shale 750

shale 730 cement 60 shale 720

Type of Pump: Submersible Pump Depth (ft.): 600

Well Tests: Jetted Yield: 22 GPM

Water Quality:

Strata Depth (ft.)	Water Type
807-960	edwards

Chemical Analysis Made: No

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

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the

driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in

the report(s) being returned for completion and resubmittal.

Company Information:

Driller Name: Jimmy Okun License Number: 55015

Comments: ^CLH

Lithology: DESCRIPTION & COLOR OF FORMATION MATERIAL

Casing: BLANK PIPE & WELL SCREEN DATA

Top (ft.)	Bottom (ft.)	Description
0	33	overburden
33	58	grayshale
58	545	gray lime
545	595	black shale
595	645	gray lime
645	705	blue shale
705	807	gray lime
807	960	tan + brown lime
960	980	gray lime

Dia. (in.) Ne	ew/Used	Туре	Setting From/To (ft.)
4.5 new p	lastic so	lid 2-84	10
4.5 new p	lastic mi	II scree	en 840-960 .032

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

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

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

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

STATE OF TEXAS PLUGGING REPORT for Tracking #200740

Owner: James Construction Owner Well #: No Data

Address: 51 CR 368 Grid #: 58-28-3

Taylor, TX 76574

Well Location: 51 CR 368 Latitude: 30° 36' 00.72" N

Taylor, TX 76574 Longitude: 097° 30' 14.4" W

Well County: Williamson Elevation: No Data

Well Type: Withdrawal of Water

Drilling Information

Company: No Data Date Drilled: No Data

Driller: Unknown License Number: No Data

Diameter (in.) Top Depth (ft.) Bottom Depth (ft.)

Borehole: 38 0 39

Plugging Information

Date Plugged: 7/23/2020 Plugger: Sam Lovelace

Plug Method: Large diameter well filled with clay material from top to bottom

Variance Number: N/A

Casing Left in Well: Plug(s) Placed in Well:

Top (ft.) Bottom (ft.) Description (number of sacks & material)

No Data

0 39 Black Clay 12 Yards

Certification Data: The driller certified that the driller plugged this well (or the well was plugged under the

driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in

the reports(s) being returned for completion and resubmittal.

Company Information: Blackland Water Well Service

1370 CR 361

Granger, TX 76530

Driller Name: Sam Lovelace License Number: 4640

Comments: Well was bleached, pump, drop pipe, wire was removed. Culvert casing was

removed. Well was backfilled with clay.

Report Amended on 7/23/2020 by Request #18700

COMMISSION OF THE PROPERTY OF

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): <u>o.2</u> 2-Hr Peak Flow (MGD): <u>o.8</u>

Estimated construction start date: <u>Aug 2023</u> Estimated waste disposal start date: <u>Mar 2025</u>

B. Interim II Phase

Design Flow (MGD): <u>0.4</u> 2-Hr Peak Flow (MGD): 1.6

Estimated construction start date: Oct 2025
Estimated waste disposal start date: Mar 2026

C. Final Phase

Design Flow (MGD): <u>0.85</u> 2-Hr Peak Flow (MGD): <u>3.4</u>

Estimated construction start date: Oct 2027 Estimated waste disposal start date: Mar 2028

D. Current Operating Phase

Provide the startup date of the facility: N/A

Interim III Phase

Design Flow (MGD): <u>0.6</u> 2-Hr Peak Flow (MGD): <u>2.4</u>

Estimated construction start date: Oct 2026
Estimated waste disposal start date: Mar 2027

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.

Treatment Unit Sizing and Process Description Attachment

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)
Treatment Unit Sizing and Process Description Attachment		

C. Process Flow Diagram

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

Attachment: Process Flow Diagram

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

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

- Latitude: Point 1: 30°35'11.65"N; Point 2: 30°35'33"N; Point 3: 30°34'30.32"N
- Longitude: Point 1: 97°30'41.31"W; Point 2: 97°31'1.82"W; Point 3: 97°31'33.95"W

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

- Latitude: Click to enter text.
- Longitude: <u>Click to enter text.</u>

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

Attachment: Site Map			
Provide the name and a des	cription of the area	served by the treatment	t facility.
Click to enter text.			
Collection System Informatic each uniquely owned collection systems. examples.	ction system, existir	ng and new, served by th	nis facility, including
Collection System Informatio Collection System Name	on Owner Name	Owner Type	Population Served
concerns system manie	o where there	Choose an item.	T optimizer serves
		Choose an item.	
		Choose an item.	
		Choose an item.	
		1' D (5)	
	Phases (Instruc	<u> </u>	
Is the application for a rene	wal of a permit tha	t contains an unbuilt ph	ase or phases?
☐ Yes ⊠ No			
If yes , does the existing per years of being authorized b		e that has not been cons	tructed within five
☐ Yes ☐ No	,		
If yes, provide a detailed di	scussion regarding	the continued need for	the unbuilt phase.
Failure to provide sufficient recommending denial of the	nt justification may	result in the Executive	
Click to enter text.	-	<u>•</u>	

Section 5. Closure Plans (Instructions Page 45)

disposal site.

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 y	ves, was a closure plan submitted to the TCEQ?
	□ Yes □ No
If y	ves, provide a brief description of the closure and the date of plan approval.
Cl	ick to enter text.
Se	ction 6. Permit Specific Requirements (Instructions Page 45)
For	applicants with an existing permit, check the Other Requirements or Special ovisions 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: Click to enter text.
	Provide information, including dates, on any actions taken to meet a <i>requirement or provision</i> pertaining to the submission of a summary transmittal letter. Provide a copy of an approval letter from the TCEQ, if applicable .
	Click to enter text.
B.	Buffer zones
	Have the buffer zone requirements been met?
	⊠ Yes □ No
	Provide information below, including dates, on any actions taken to meet the conditions of the buffer zone. If available, provide any new documentation relevant to maintaining the buffer zones.
	The buffer zone will be met by ownership.

	sul	bes the <i>Other Requirements</i> or <i>Special Provisions</i> section in the existing permit require bmission of any other information or other required actions? Examples include stification of Completion, progress reports, soil monitoring data, etc.
		□ Yes ⊠ No
		yes, provide information below on the status of any actions taken to meet the nditions of an Other Requirement or Special Provision.
	C	lick to enter text.
D.	Gr	it 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.

C. Other actions required by the current permit

		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.	Sto	ormwater 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

		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.	Di	scharges to the Lake Houston Watershed
	Do	oes the facility discharge in the Lake Houston watershed?
		□ Yes ⊠ No
		yes, attach a Sewage Sludge Solids Management Plan. See Example 5 in the instructions. ick to enter text.
G.	Ot	her 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?
		is the racinty accepting of will reaccept septic waste.
		☐ Yes ☒ No
		□ Yes ⊠ No
		☐ Yes ☒ No If yes, does the facility have a Type V processing unit?

intend to divert stormwater to the treatment plant headworks and indirectly discharge

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 BOD₅ concentration of the septic waste, and the design BOD₅ 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.

	Click to enter text.
L	Note: Demoite that a good abudge from other westerness two two two two tracks were be

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). *Water 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.

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

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
CBOD ₅ , mg/l					
Total Suspended Solids, mg/l					
Ammonia Nitrogen, mg/l					
Nitrate Nitrogen, mg/l					
Total Kjeldahl Nitrogen, mg/l					
Sulfate, mg/l					
Chloride, mg/l					
Total Phosphorus, mg/l					
pH, standard units					
Dissolved Oxygen*, mg/l					
Chlorine Residual, mg/l					
<i>E.coli</i> (CFU/100ml) freshwater					
Entercocci (CFU/100ml) saltwater					
Total Dissolved Solids, mg/l					
Electrical Conductivity, µmohs/cm, †					
Oil & Grease, mg/l					
Alkalinity (CaCO ₃)*, mg/l					

^{*}TPDES permits only †TLAP permits only

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

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
Total Suspended Solids, mg/l					
Total Dissolved Solids, mg/l					
pH, standard units					
Fluoride, mg/l					
Aluminum, mg/l					
Alkalinity (CaCO ₃), mg/l					

Section 8. Facility Operator (Instructions Page 50)

Facility Operator Name: William Abshire

Facility Operator's License Classification and Level: A

Facility Operator's License Number: <u>WW0014404</u>

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

WW	TP's Biosolids Management Facility Type
Che	eck 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)
ww	TP's Biosolids Treatment Process
Che	eck all that apply. See instructions for guidance.
	Aerobic Digestion
	Air Drying (or sludge drying beds)
	Lower Temperature Composting
	Lime Stabilization
	Higher Temperature Composting
	Heat Drying
	Thermophilic Aerobic Digestion
	Beta Ray Irradiation
	Gamma Ray Irradiation
	Pasteurization
	Preliminary Operation (e.g. grinding, de-gritting, blending)
	Thickening (e.g. gravity thickening, centrifugation, filter press, vacuum filter)
	Sludge Lagoon
	Temporary Storage (< 2 years)
	Long Term Storage (>= 2 years)
	Methane or Biogas Recovery
	Other Treatment Process: Click to enter text.

C. Biosolids Management

B.

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
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.

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

D. Disposal site

Disposal site name: SouthWaste Disposal

TCEQ permit or registration number: MSW 2384

County where disposal site is located: <u>Travis</u>

E. Transportation method

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

Name of the hauler: Wastewater Transport Services, LLC

Hauler registration number: 24343

Sludge is transported as a:

Liquid □	semi-liquid ⊠	semi-solid \square	solid □
----------	---------------	----------------------	---------

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

A. Beneficial use authorization

Does the existing permit include author	ization for land	l 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
-------	--	----

	existing permit include authorization for disposal options?	any	of the	follow	ing sludge processing,
Sludge	Composting		Yes	\boxtimes	No
Market	ting and Distribution of sludge		Yes	\boxtimes	No
Sludge	Surface Disposal or Sludge Monofill		Yes	\boxtimes	No
Tempo	orary storage in sludge lagoons		Yes	\boxtimes	No
authorizat Technical	any of the above sludge options and the ation, is the completed Domestic Wastew Report (TCEQ Form No. 10056) attached	ater	Permit	Appli	ication: Sewage Sludge
□ Ye	es 🗆 No				
Section 11	. Sewage Sludge Lagoons (Inst	ruc	ctions	Page	53)
Does this faci	ility include sewage sludge lagoons?				
□ Yes	⊠ No				
If yes, comple	ete the remainder of this section. If no, p	roce	ed to S	ection	12.
A. Location i	nformation				
	ving maps are required to be submitted ane Attachment Number.	as pa	art of th	ie appl	ication. For each map,
• Original of the original of	ginal General Highway (County) Map:				
Att	achment: Click to enter text.				
• USI	DA Natural Resources Conservation Servi	ice S	oil Map	:	
Att	achment: Click to enter text.				
• Fed	leral Emergency Management Map:				
Att	achment: Click to enter text.				
• Site	e map:				
Att	achment: Click to enter text.				
Discuss in apply.	a description if any of the following exi	st w	ithin th	e lago	on area. Check all that
\Box Ov	verlap a designated 100-year frequency f	lood	l plain		
□ So	oils with flooding classification				
□ Ov	verlap an unstable area				
□ We	etlands				
□ Lo	ocated less than 60 meters from a fault				
□ No	one of the above				
— Attach	ment: Click to enter text.				

B. Sludge processing authorization

	Click to enter text.
Te	emporary storage information
	ovide the results for the pollutant screening of sludge lagoons. These results are in dition to pollutant results in <i>Section 7 of Technical Report 1.0.</i>
	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: <u>Click to enter text.</u>
	Molybdenum: Click to enter text.
	Nickel: <u>Click to enter text.</u>
	Selenium: Click to enter text.
	Zinc: <u>Click to enter text.</u>
	Total PCBs: <u>Click to enter text.</u>
Pr	ovide the following information:
	Volume and frequency of sludge to the lagoon(s): <u>Click to enter text.</u>
	Total dry tons stored in the lagoons(s) per 365-day period: Click to enter text.

C. Liner information

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

Yes	No

	If yes	, describe the liner below. Please note that a liner is required.
	Click	to enter text.
D.	Site d	evelopment plan
	Provid	le a detailed description of the methods used to deposit sludge in the lagoon(s):
	Click	to enter text.
	Attacl	n 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.	Groun	ndwater monitoring
	groun	undwater monitoring currently conducted at this site, or are any wells available for dwater monitoring, or are groundwater monitoring data otherwise available for the e lagoon(s)?
		Yes □ No
	types	undwater monitoring data are available, provide a copy. Provide a profile of soil encountered down to the groundwater table and the depth to the shallowest dwater as a separate attachment.
	At	tachment: 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:	
C	lick 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:	ion
C	lick to enter text.	
Co	estion 12 DCDA/CEDCIA Wester (Instructions Dogs FF)	
	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	⁄e

B. 1	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:
 - o periodically inspected by the TCEQ; or
 - o located in another state and is accredited or inspected by that state; or
 - o 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: Stephen Sellers

Title: Authorized Signatory, Hutto 525 GP Texas LLC, General Partner of Hutto 525

Development Partners, LP

Signature: _____

Date:

1120 2024

DOMESTIC WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.1

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

Section 1. Justification for Permit (Instructions Page 57)

A. Justification of permit need

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

Flora WWTF will serve a community of approximately 4,250 units (at 200 gpd/unit) that will generate about 850,000 gallons-per day of domestic strength wastewater at full buildout. This is in line with other communities in the general vicinity that uses similar flow generation. There are no facilities within 3 miles that have capacity, and/or it is not economically feasible to transport waste to an existing facility. A site drawing of the development is included with the application.

B. Regionalization of facilities

For additional guidance, please review <u>TCEQ's Regionalization Policy for Wastewater</u> Treatment¹.

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

1. Municipally incorporated areas

If the applicant is a city, then Item 1 is not applicable. Proceed to Item 2 Utility CCN
areas.
Is any portion of the proposed service area located in an incorporated city?

☐ Yes ☒ No ☐ Not Applicable

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

If yes, attach correspondence from the city.

Attachment: Click to enter text.

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

Attachment: Click to enter text.

2. Utility CCN areas

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

□ Yes ⊠ No

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

If yes, attach a justification for the proposed facility and a cost analysis of expenditures that includes the cost of connecting to the CCN facilities versus the cost of the proposed facility or expansion. **Attachment**: Click to enter text. 3. Nearby WWTPs or collection systems Are there any domestic permitted wastewater treatment facilities or collection systems located within a three-mile radius of the proposed facility? \boxtimes Yes No If ves, attach a list of these facilities and collection systems that includes each permittee's name and permit number, and an area map showing the location of these facilities and collection systems. **Attachment**: Nearby Facilities If yes, attach proof of mailing a request for service to each facility and collection system, the letters requesting service, and correspondence from each facility and collection system. **Attachment**: Nearby Facilities Letters If the facility or collection system agrees to provide service, attach a justification for the proposed facility and a cost analysis of expenditures that includes the cost of connecting to the facility or collection system versus the cost of the proposed facility or expansion. Attachment: Click to enter text. Section 2. Proposed Organic Loading (Instructions Page 59) Is this facility in operation? Yes 🖂 No **If no**, proceed to Item B, Proposed Organic Loading. If ves, provide organic loading information in Item A, Current Organic Loading A. Current organic loading Facility Design Flow (flow being requested in application): Click to enter text. Average Influent Organic Strength or BOD₅ Concentration in mg/l: Click to enter text. Average Influent Loading (lbs/day = total average flow X average BOD₅ conc. X 8.34): Click to enter text.

Provide the source of the average organic strength or BOD₅ concentration.

Click to enter text.			

B. Proposed organic loading

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

Table 1.1(1) - Design Organic Loading

Source	Total Average Flow (MGD)	Influent BOD5 Concentration (mg/l)
Municipality		
Subdivision	0.850	350
Trailer park - transient		
Mobile home park		
School with cafeteria and showers		
School with cafeteria, no showers		
Recreational park, overnight use		
Recreational park, day use		
Office building or factory		
Motel		
Restaurant		
Hospital		
Nursing home		
Other		
TOTAL FLOW from all sources	0.850	
AVERAGE BOD ₅ from all sources		350

Section 3. Proposed Effluent Quality and Disinfection (Instructions Page 59)

A. Existing/Interim I Phase Design Effluent Quality

Biochemical Oxygen Demand (5-day), mg/l: 10

Total Suspended Solids, mg/l: 12

Ammonia Nitrogen, mg/l: <u>2</u>
Total Phosphorus, mg/l: <u>N/A</u>
Dissolved Oxygen, mg/l: <u>>4</u>

Other: N/A

B.	Interim II Phase Design Effluent Quality	Interim III Phase Design Effluent Quality
	Biochemical Oxygen Demand (5-day), mg/l: <u>10</u>	Biochemical Oxygen Demand (5-day), mg/l: 10
	Total Suspended Solids, mg/l: 5	Total Suspended Solids, mg/l: 5
	Ammonia Nitrogen, mg/l: 3	Ammonia Nitrogen, mg/l: <u>3</u>
	Total Phosphorus, mg/l: <u>N/A</u>	Total Phosphorus, mg/l: N/A
	Dissolved Oxygen, mg/l: <u>>4</u>	Dissolved Oxygen, mg/l: ≥4
	Other: <u>N/A</u>	Other: <u>N/A</u>
C.	Final Phase Design Effluent Quality	
	Biochemical Oxygen Demand (5-day), mg/l: <u>10</u>	
	Total Suspended Solids, mg/l: 5	
	Ammonia Nitrogen, mg/l: 3	
	Total Phosphorus, mg/l: <u>N/A</u>	
	Dissolved Oxygen, mg/l: <u>>4</u>	
	Other: <u>N/A</u>	
D.	Disinfection Method	
	Identify the proposed method of disinfection.	
	☑ Chlorine: <u>1-4</u> mg/l after <u>20</u> minutes dete	ention time at peak flow
	Dechlorination process: OR	
	☑ Ultraviolet Light: 10 seconds contact tim	ne at peak flow
	□ Other: Click to enter text.	
Se	ection 4. Design Calculations (Instru	ictions Page 59)
	tach design calculations and plant features for ea	
	structions includes sample design calculations ar	
	Attachment: Calculations	
Se	ection 5. Facility Site (Instructions P	Page 60)
		48 - 507
Α.	100-year floodplain	
	Will the proposed facilities be located <u>above</u> the	e 100-year frequency flood level?
	⊠ Yes □ No	

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

Click to enter text.			

From: Josi Robertson < Josi.Robertson@tceq.texas.gov >

Sent: Thursday, April 4, 2024 2:06 PM

To: Adam Berry aberry@grayengineeringinc.com
Cc: Seth Mearig Subject: RE: TPDES Permit 15988-001 Flora WWTP Question

Hello Adam,

I was able to finish looking into this this morning.

The additional discharge of **0.12 MGD into the unnamed tributary** would be possible and effluent limits of **10 mg/L CBOD5**, **3 mg/L NH3-N**, and **4.0 mg/L min. DO** would be required.

Also, **0.23 MGD into South Fork Mustang Creek** would be possible and effluent limits of **10 mg/L CBOD5, 2 mg/L NH3-N**, and **4.0 mg/L min. DO** would be required.

These effluent limits are in conjunction with the current outfall (0.50 MGD) discharging at it's current permitted limits.

Please note that if you do not pursue discharging the 0.23 MGD into South Fork Mustang Creek, than the effluent limits for the 0.12 MGD into the unnamed tributary would be <u>much more stringent</u>. This is due to the fact that the effluent discharged into South Fork Mustang Creek is able to degrade more before comingling, therefore providing a bit of dilution. (we will utilize discharge of the 0.23 into South Fork Mustang Creek).





Provide the source(s) used to determine 100-year frequency flood plain. FEMA NFHL Viewer: 48491C0510F For a new or expansion of a facility, will a wetland or part of a wetland be filled? Yes 🖾 If ves, has the applicant applied for a US Corps of Engineers 404 Dredge and Fill Permit? Yes □ No **If yes**, provide the permit number: Click to enter text. If no, provide the approximate date you anticipate submitting your application to the Corps: Click to enter text. B. Wind rose Attach a wind rose: Windrose Permit Authorization for Sewage Sludge Disposal Section 6. (Instructions Page 60) A. Beneficial use authorization Are you requesting to include authorization to land apply sewage sludge for beneficial use on property located adjacent to the wastewater treatment facility under the wastewater permit? Yes \boxtimes No If yes, attach the completed Application for Permit for Beneficial Land Use of Sewage Sludge (TCEQ Form No. 10451): Click to enter text. B. Sludge processing authorization Identify the sludge processing, storage or disposal options that will be conducted at the wastewater treatment facility: Sludge Composting Marketing and Distribution of sludge

- Sludge Surface Disposal or Sludge Monofill

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

Sewage Sludge Solids Management Plan (Instructions Page Section 7. 61)

Attach a solids management plan to the application.

Attachment: Solids Management Plan

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

Treatment units and processes dimensions and capacities

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

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

Proposed Discharge Point 2 - 120,000 gpd

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: <u>NA</u>
Distance and direction to the intake: <u>NA</u>
Attach a USGS map that identifies the location of the intake.
Attachment: <u>NA</u>
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: \underline{NA}
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).
NA
C. Sea grasses
Are there any sea grasses within the vicinity of the point of discharge?

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

Yes ⊠

NA

No

Section 3. **Classified Segments (Instructions Page 64)** Is the discharge directly into (or within 300 feet of) a classified segment? Yes \boxtimes 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: The proposed discharge of 0.12 MGD into unnamed tributary of Mustang Creek thence to Mustang Creek (1244 C) thence to Brushy Creek (1244) of Brazos River Basin A. Receiving water type Identify the appropriate description of the receiving waters. \boxtimes 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. П Man-made Channel or Ditch Open Bay Tidal Stream, Bayou, or Marsh Other, specify: Click to enter text. B. Flow characteristics If a stream, man-made channel or ditch was checked above, provide the following. For existing discharges, check one of the following that best characterizes the area *upstream* of the discharge. For new discharges, characterize the area *downstream* of the discharge (check one). Intermittent - dry for at least one week during most years Intermittent with Perennial Pools - enduring pools with sufficient habitat to maintain significant aquatic life uses Perennial - normally flowing Check the method used to characterize the area upstream (or downstream for new dischargers). USGS flow records Historical observation by adjacent landowners

	□ Personal observation						
		Other, specify: <u>Click to enter text.</u>					
C.	C. Downstream perennial confluences						
		e names of all perennial streams tha tream of the discharge point.	ıt joiı	n the receiving water within three miles			
	N/A						
D.	Downs	stream characteristics					
		receiving water characteristics charge (e.g., natural or man-made dams		rithin three miles downstream of the ids, reservoirs, etc.)?			
	If ves	discuss how.					
		o enter text.					
E.	Norma	l dry weather characteristics					
E.		•	body	during normal dry weather conditions.			
E.	Provide	•		,			
E.	Provide Small Date an	e general observations of the water and trees and time of observation:	nd br	ush along banks.			
E.	Provide Small Date an Was th	e general observations of the water and trees and trees and time of observation: July 9 2024, one water body influenced by stormward	nd br	ush along banks.			
E.	Provide Small Date an	e general observations of the water and trees and time of observation:	nd br	ush along banks.			
	Provide Small Date an Was th	e general observations of the water flows, relatively clean water and trees and time of observation: July 9 2024, one water body influenced by stormwayers No	nd br	ush along banks.			
Se	Provide Small Date an Was th	e general observations of the water flows, relatively clean water and trees and time of observation: July 9 2024, one water body influenced by stormwayes No S. General Characteristics	nd br	runoff during observations?			
Se	Provide Small Date an Was th Ction Upstre Is the i	e general observations of the water and trees and time of observation: July 9 2024, one water body influenced by stormwayes No 5. General Characteristics Page 66) am influences	pAM ater r	runoff during observations? the Waterbody (Instructions the discharge or proposed discharge site			
Se	Provide Small Date an Was th Ction Upstre Is the i	e general observations of the water flows, relatively clean water and trees and time of observation: July 9 2024, one water body influenced by stormway Yes No 5. General Characteristics Page 66) am influences mmediate receiving water upstream	pAM ater r	runoff during observations? the Waterbody (Instructions the discharge or proposed discharge site			
Se	Date an Was the Street	e general observations of the water flows, relatively clean water and trees and time of observation: July 9 2024, one water body influenced by stormway Yes No 5. General Characteristics Page 66) am influences mmediate receiving water upstream aced by any of the following? Check	pAM ater r	runoff during observations? the Waterbody (Instructions ne discharge or proposed discharge site nat apply.			

B. Waterbody uses Observed or evidences of the following uses. Check all that apply. Livestock watering Contact recreation Irrigation withdrawal Non-contact recreation **Fishing Navigation** Domestic water supply Industrial water supply Park activities \boxtimes Other(s), specify: N/A 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

Proposed Discharge Point 3 - 230,000 gpd

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 2.0: RECEIVING WATERS

The following information is required for all TPDES permit applications.

The following information is required for an Trollo perfine 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: <u>NA</u>
Distance and direction to the intake: <u>NA</u>
Attach a USGS map that identifies the location of the intake.
Attachment: NA
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: <u>NA</u>
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).
NA
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).
NA

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: The proposed discharge of 0.23 MGD into South Fork Mustang Creek thence to Mustang Creek (1244 C) thence to Brushy Creek (1244) of Brazos River Basin A. Receiving water type Identify the appropriate description of the receiving waters. Stream Freshwater Swamp or Marsh Lake or Pond Surface area, in acres: Click to enter text. Average depth of the entire water body, in feet: Click to enter text. Average depth of water body within a 500-foot radius of discharge point, in feet: Click to enter text. Man-made Channel or Ditch Open Bay Tidal Stream, Bayou, or Marsh Other, specify: Click to enter text. **B.** Flow characteristics If a stream, man-made channel or ditch was checked above, provide the following. For existing discharges, check one of the following that best characterizes the area *upstream* of the discharge. For new discharges, characterize the area *downstream* of the discharge (check one). Intermittent - dry for at least one week during most years Intermittent with Perennial Pools - enduring pools with sufficient habitat to maintain significant aquatic life uses Perennial - normally flowing Check the method used to characterize the area upstream (or downstream for new dischargers). USGS flow records Historical observation by adjacent landowners \boxtimes Personal observation

Classified Segments (Instructions Page 64)

Section 3.

		Other, specify: <u>Click to enter text.</u>		
C.	Downs	stream perennial confluences		
		e names of all perennial streams tha tream of the discharge point.	t joir	n the receiving water within three miles
	N/A			
D.	Downs	stream characteristics		
		receiving water characteristics char rge (e.g., natural or man-made dams Yes 🗵 No		ithin three miles downstream of the ds, reservoirs, etc.)?
	If ves	discuss how.		
		to enter text.		
E.	Norma	l dry weather characteristics		
	Provid	e general observations of the water l	body	during normal dry weather conditions.
	Please	see attached worksheet 2.1		
	Date a	nd time of observation: <u>See attached v</u>	works	sheet 2.1
	Was th	e water body influenced by stormwa	ater r	runoff during observations?
	\boxtimes	Yes □ No		
Se	ction	5. General Characteristics Page 66)	s of	the Waterbody (Instructions
A.	Upstre	am influences		
		mmediate receiving water upstream nced by any of the following? Check		ne discharge or proposed discharge site nat apply.
		Oil field activities		Urban runoff
		Upstream discharges		Agricultural runoff
		Septic tanks	\boxtimes	Other(s), specify: <u>N/A</u>

B. Waterbody uses Observed or evidences of the following uses. Check all that apply. Livestock watering Contact recreation Irrigation withdrawal Non-contact recreation **Fishing Navigation** Domestic water supply Industrial water supply Park activities \boxtimes Other(s), specify: N/A C. Waterbody aesthetics Check one of the following that best describes the aesthetics of the receiving water and the surrounding area. Wilderness: outstanding natural beauty; usually wooded or unpastured area; water clarity exceptional Natural Area: trees and/or native vegetation; some development evident (from fields, pastures, dwellings); water clarity discolored Common Setting: not offensive; developed but uncluttered; water may be colored or turbid

Offensive: stream does not enhance aesthetics; cluttered; highly developed;

dumping areas; water discolored

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 2.1: STREAM PHYSICAL CHARACTERISTICS

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

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

Section 1. General Information (Instructions Page 66)

Date of study: August 14, 2024 Time of study: Afternoon (1:30PM to 5:30PM)

Stream name: South Fork Mustang Creek

Location: : 30.5752643 degrees, -97.5190178 degrees, starting at the proposed outfall location approximately 300 feet east of CR 133, Williamson County, Texas.

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

 \square Perennial \boxtimes Intermittent with perennial pools

Section 2. Data Collection (Instructions Page 66)

Number of stream bends that are well defined: 3

Number of stream bends that are moderately defined: 3

Number of stream bends that are poorly defined: 15

Number of riffles: o

Evidence of flow fluctuations (check one):

Minor	moderate	severe

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

Beginning at the proposed outfall, 0.5 linear stream mile of South Fork Mustang Creek was assessed (assessment area). A riparian corridor exists along most of the assessment area including hackberry (Celtis occidentalis), giant ragweed (Ambrosia trifida), spike rush (Eleocharis palustris), and cattail (Typha spp.). Aquatic species were noted including crawfish, frogs, minnows, and perch. Areas immediately adjacent to the stream are used for crop production and cattle ranching. Evidence of flow fluctuation includes the presence of litter and debris, sediment, and shelving along the stream bank and within the floodplain. Standing water was present in deeper pools, with dry stream beds in between. Observed water flow was minimal or nonexistent and mostly insufficient to counteract wind speed (8 mph SSE, national weather service) on the surface utilizing the float method. The channel is incised (approx. 5 feet). Substrate is composed of silty loam, with interspersed gravel/cobble occurring in narrower areas of the channel. A concrete box culvert at CR 133 exists 300 feet upstream of the stream assessment. 1,800 feet downstream of the assessment area, a low water crossing exists under a private road. The stream widens to 100 feet in width downstream of this low water crossing. These modifications occurred between 1995 and 2002 per aerial photography. Wetland species dominate this area. According to the United States Army Corps of Engineers Antecedent Precipitation Tool, the site visit occurred during "normal" conditions. The ordinary highwater mark varied between 7 to 15 feet.

Stream transects

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

Table 2.1(1) - Stream Transect Records

Stream type at transect Select riffle, run, glide, or pool. See Instructions, Definitions section.	Transect location	Water surface width (ft)	at 4 to 10 points along each transect from the channel bed to the water surface. Separate the measurements with commas.
Pool	(SP 1) 30.5731624 degrees, -97.5269780 degrees, 30' downstream of discharge point	12	0.5', 0.7', 0.6', 0.6', 0.8', 1.0', 0.8', 0.3 average depth = 0.66'
Pool	(SP 2) 30.5742238 degrees, -97.5194120 degrees, 648' downstream of discharge point	11.5	0.25', 0.6', 0.7', 0.75', 0.9', 0.8', 0.6', 0.5' average depth = 0.64'
Run	(SP 3) 30.5759405 degrees, -97.5194820 degrees, 1,765' downstream of discharge point	15	0.7', 1.0', 2.5', 2.3', 2.2', 2.0', 1.25', 0.5' average depth = 1.56'
Glide	(SP-4) 30.5757678 degrees, -97.51897070 degrees, 2,597' downstream of discharge point	11	0.75', 0.8', 0.9', 0.8', 1.0', 1.25', 1.7', 2.3', 1.0', 0.75' average depth = 1.13

Section 3. Summarize Measurements (Instructions Page 66)

Streambed slope of entire reach, from USGS map in feet/feet: 5'/2,597'=0.0019 (USGS). TNRIS LIDAR DEM = 1'/2,597'=0.000385

Approximate drainage area above the most downstream transect (from USGS map or county highway map, in square miles): <u>HUC 12 (Sub-basin – Mustang Creek) Appx. 6.5 square miles upstream of Transect 4</u>

Length of stream evaluated, in feet: 2.597

Number of lateral transects made: <u>4</u> Average stream width, in feet: <u>12.4</u> Average stream depth, in feet: <u>0.99</u>

Average stream velocity, in feet/second: : N/A (only standing water was present)

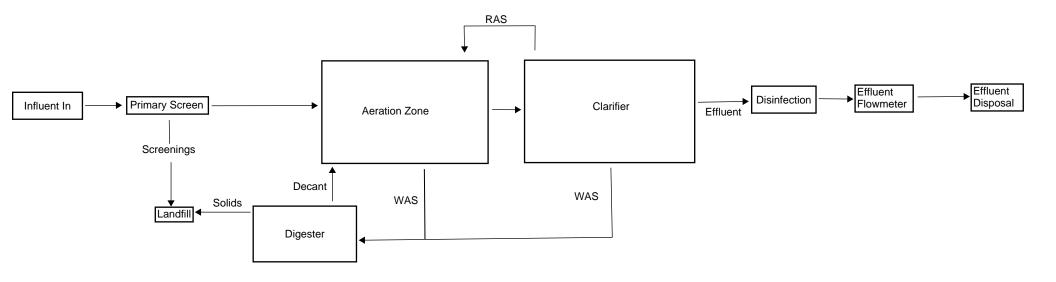
Instantaneous stream flow, in cubic feet/second: N/A

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

Size of pools (large, small, moderate, none): moderate

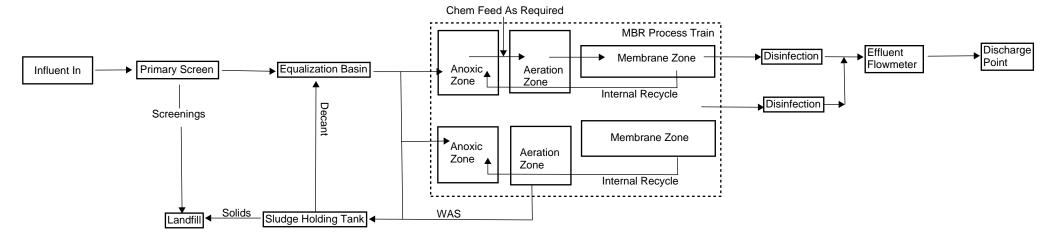
Maximum pool depth, in feet: 2.5

Phase 1 - 200,000 gpd



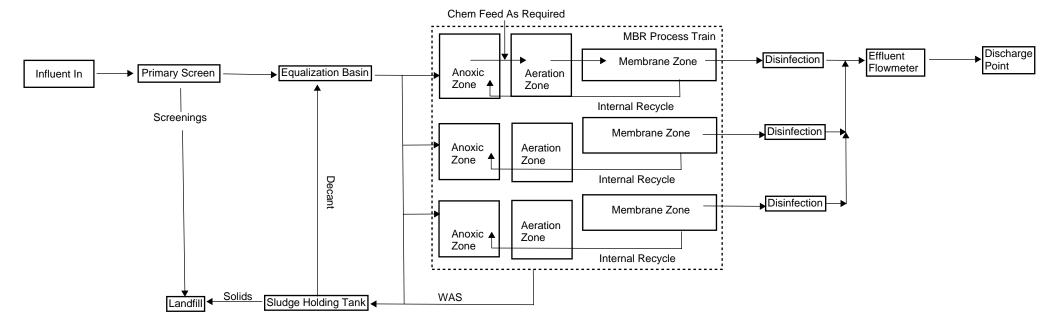


Phase 2 - 400,000 gpd



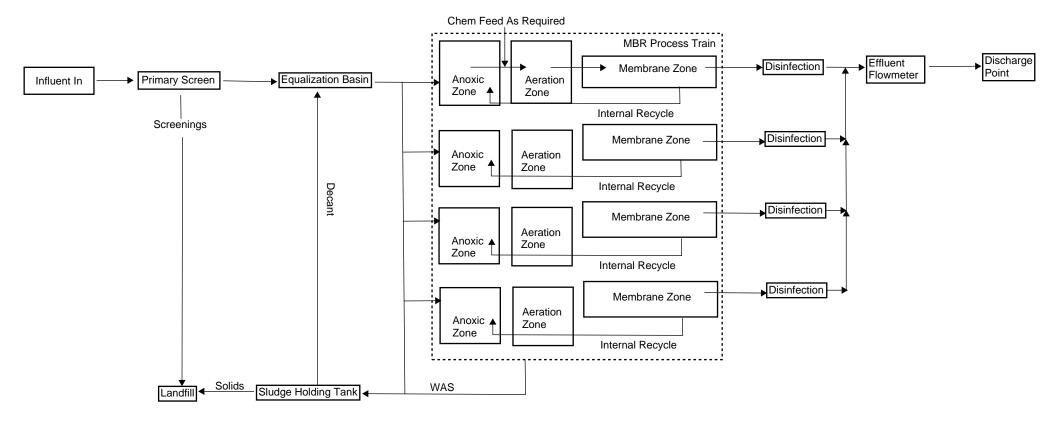


Phase 3 - 600,000 gpd





Final Phase - 850,000 gpd





Flora WWTF

Wastewater Treatment Facility Process Description

Section 2 - Treatment Process

Treatment Process Description:

The treatment system in Phase 1 is an activated sludge process operated in complete mix mode followed by chlorine disinfection. The system has a primary screen, equalization basin, aeration basin, final clarifier, and aerobic digester. The facility utilizes chlorine or UV disinfection.

The treatment system in Phase 2 onwards will be an MBR system consisting of several process trains. The system will have a primary screen, equalization tanks, multiple process trains consisting of anoxic, aeration, membrane zones, and sludge holding tanks. The facility will utilize UV or Chlorine disinfection. The design will be in accordance with Texas Administrative Code Title 30, Part 1: Texas Commission on Environmental Quality (TCEQ) Chapter 217 (Design Criteria for Domestic Wastewater Systems).

A. Treatment Unit Sizing

Existing Activated Sludge Facility

Phase 1 - 200,000 GPD

Headworks with Screening	For Full Buildout
Equalization Basin	(1) 52' x 12' x 10.67' SWD – 49,802 gal
Aeration Basins	(2) 52' x 12' x 10.40' SWD – 97,084 gal
Digester	(2) 26' x 12' x 10.67' SWD – 6,658 gal
Chlorine Contact Chamber	(1) 18' x 11' x 8.76' SWD – 12,974 gal
Clarifier	(1) 32 dia x 10.59' SWD – 63,674 gal

Proposed MBR Facility

Phase 2 - 400,000 GPD

·	
Headworks with Screening	For Full Buildout
Equalization Tank	(1) 30' x 20' x 10.5' SWD – 94,248 gal
Sludge Holding Tank	(2) 25 dia x 10.5' tall – 77,067 gal
Process Units (MBR)	(3) 40 x 20 x 8.5' SWD – 152,592 gal
Chlorine Contact Chamber	(1) 20' x 20' x 8.5' SWD – 12,716 gal

Phase 3 - 600,000 GPD

Headworks with Screening	For Full Buildout
Equalization Tank	(2) 30' x 20' x 10.5' SWD – 94,248 gal
Sludge Holding Tank	(3) 25 dia x 10.5' tall – 115,601 gal
Process Units (MBR)	(5) 40 x 20 x 8.5' SWD – 254,320 gal
Chlorine Contact Chamber	(2) 20' x 10' x 8.5' SWD – 25,432 gal

Final Phase - 850,000 GPD

Headworks with Screening	For Full Buildout
Equalization Tank	(3) 30' x 20' x 10.5' SWD – 141,372
Sludge Holding Tank	(4) 25 dia x 10.5' tall – 154,134 gal
Process Units (MBR)	(7) 40 x 20 x 8.5' SWD – 356,048 gal
Chlorine Contact Chamber	(3) 20' x 10' x 8.5' SWD – 38,148 gal

Flora WWTF - Equalization and Chlorine Calculations

Phase 2 - 400,000 gpd

Tankage Sizing

Project Flora
Date 8/27/2024
Phase # 2

Proposed 400,000 gpd - Existing 200,000 gpd

Flow 200,000 gpd

2 hr peak 800,000 gpd

Equalization

41,667 gal *2.5Q for 2 hrs

Chlorine sizing:

11,111 gal *4Q for 20 min



Flora WWTF - Equalization and Chlorine Calculations

Phase 3 - 600,000 gpd

Tankage Sizing

Project

Date Phase # Flora 8/27/2024

Proposed 600,000 gpd - Existing 200,000 gpd

Flow 400,000 gpd

2 hr peak 1,600,000 gpd

Equalization

83,333 gal

*2.5Q for 2 hrs

Chlorine sizing:

22,222 gal

*4Q for 20 min



Flora WWTF - Equalization and Chlorine Calculations

Phase 4 - 850,000 gpd

Tankage Sizing

Project Flora
Date 8/27/2024
Phase # 4

Proposed 850,000 gpd - Existing 200,000 gpd

Flow 650,000 gpd

2 hr peak 2,600,000 gpd

Equalization

135,417 gal *2.5Q for 2 hrs

Chlorine sizing:

36,111 gal *4Q for 20 min



Flora WWTF - Sludge Holding Calculations

Phase 2 - 400,000 gpd

Project	Flora	
Date	8/27/2024	
Phase #	2	
Flow	200000	GPD
	0.2	MGD
	138.8	GPM

Sludge Holding

Using 2% Flow for WAS Rate

WAS Rate 4000 gpd

Sludge Storage Days
Sludge Gallons Req'd
40000 gal



Flora WWTF - Sludge Holding Calculations

Phase 3 - 600,000 gpd

Project	Flora	
Date	8/27/2024	
Phase #	2	
Flow	300000	GPD
	0.3	MGD
	208.2	GPM

Sludge Holding

Using 2% Flow for WAS Rate

WAS Rate 8000 gpd

Sludge Storage Days
Sludge Gallons Req'd
80000 gal



Flora WWTF - Sludge Holding Calculations

Phase 4 - 850,000 gpd

Project	Flora	
Date	8/27/2024	
Phase #	2	
Flow	300000	GPD
	0.3	MGD
	208.2	GPM

Sludge Holding

Using 2% Flow for WAS Rate

WAS Rate 13000 gpd

Sludge Storage Days
Sludge Gallons Req'd

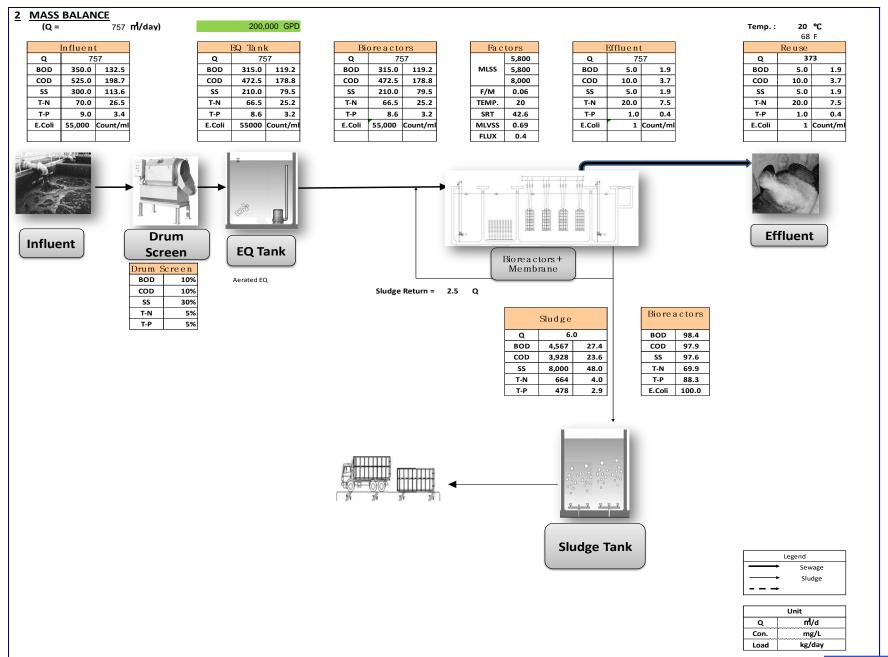
10 days
130000 gal



Flora WWTF - Bioreactor Calculations

Bioreactor Calculation								
1.	Design C	alculation						
1.1	Influent	(m3/day)	(gal/day)		1.2	Factors		
	unit	m3/day	gal/day			HRT	19.0	hr
	Average	379	100,000			SRT	25.0	day
Items					Items	C/N	4.7	
Items						C/P	29.6	
	Design Flow	757	200,000			Temp	20.0	°C
						Sludge return	250	%
1.3	Influent	Quality						
Ιŧ	ems	BOD	COD_{Mn}	SS	T-N	T-P	E.coli.	Remarks
	CIIIS	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(Count/mL)	Remarks
Wate	r quality	350.0	525.0	300.0	70.0	9.0	55000	
1.4	Influent	and Effluent V	Vater Quality					
Items		BOD	COD_{Mn}	SS	T-N	T-P	E.coli.	
10	CIII3	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(Count/mL)	
Influe	nt quality	350.0	525.0	300.0	70.0	9.0	55,000	
Efflue	nt quality	5.0	10.0	5.0	20.0	1.0	1.26	
1.5	Bioreact	or Volume						
Ι÷	ems	Width	Length	Depth	Height	tank	Volume	HRT
10	CIII3	(mW)	(mL)	(mHe)	(mH)	(#)	(m ³)	(hr)
Aı	noxic	2.4	12.0	2.2	2.3	2	124.1	7.9
(Oxic	2.4	12.0	2.1	2.3	2	118.4	7.5
N	ИBR	2.4	12.0	2.0	2.3	1	56.4	3.6
	otal						363.8	19.0
Note:	lf biorecto	r volume sizes	are above the	volume calcai	ited by 30-40%	%, it will be okay	7.	
1.6	Sludge P	roduction			1.7	Air Requirem	ent	
TA		Sludge (r	m³/day)	Water contents (%)		Oxic reactor (m ³ /min) 3.3		3.11
It	tems	6.	0	99.2	Items	MBR (n	n ³ /min)	12.0



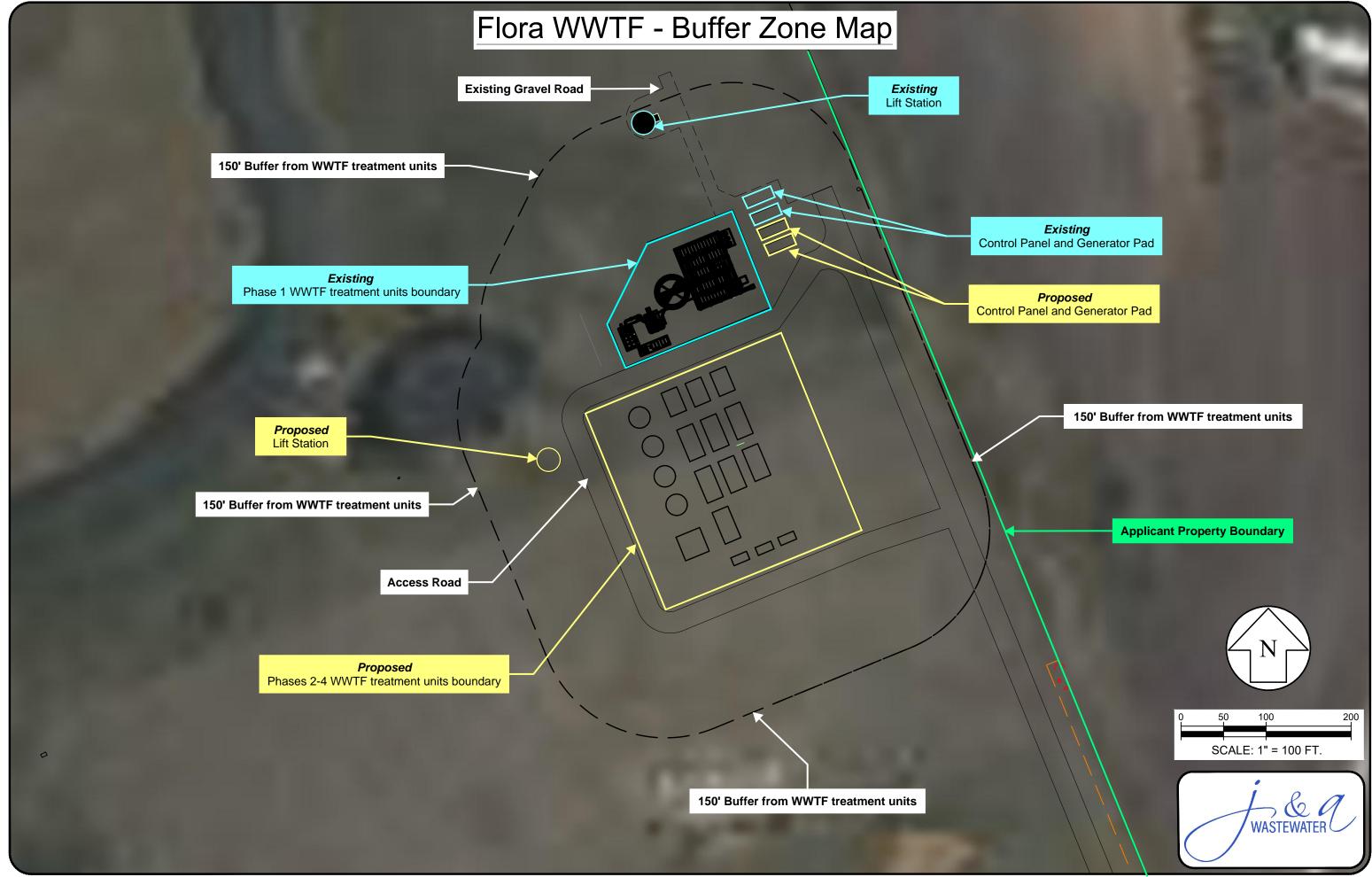


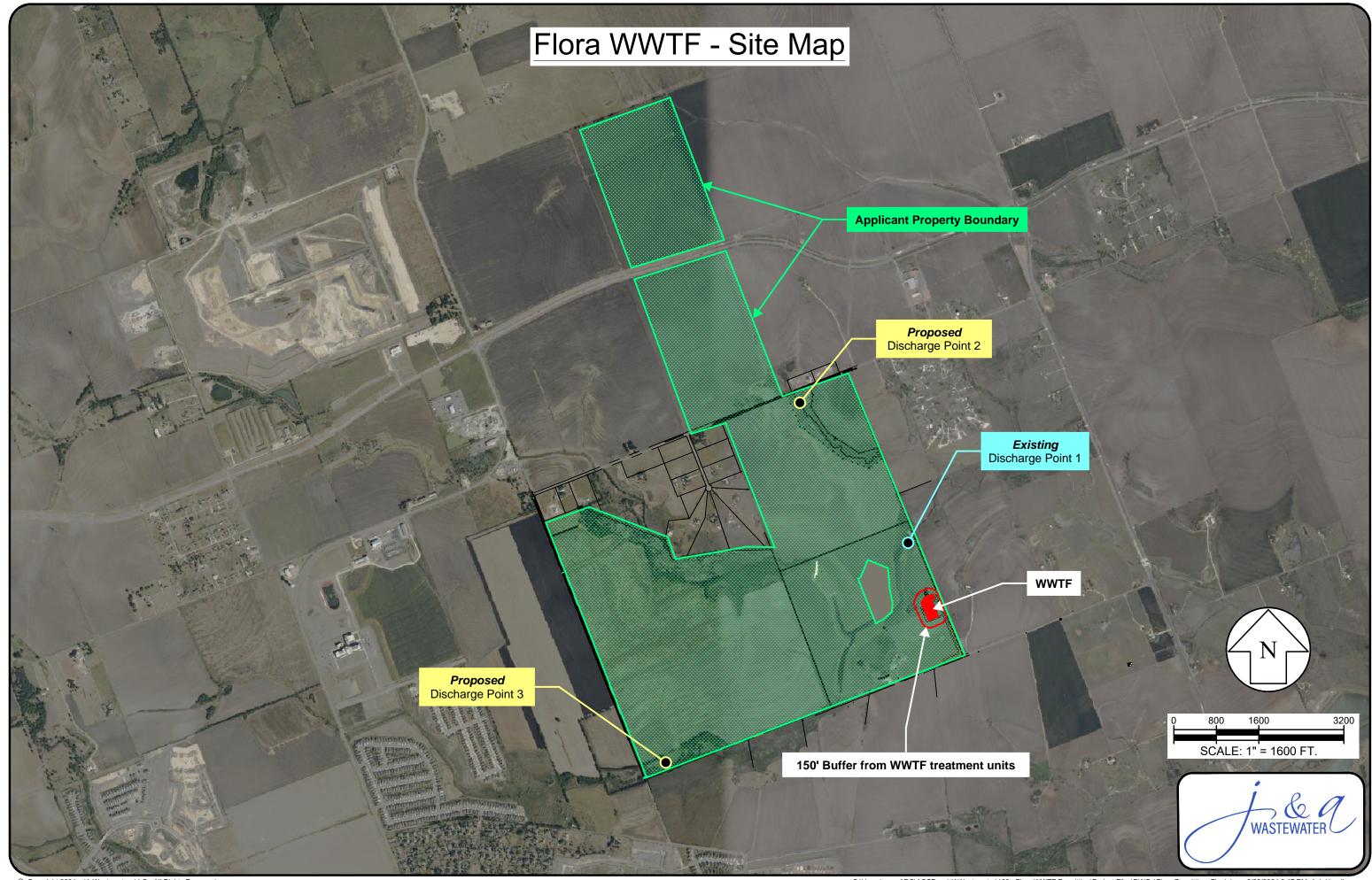


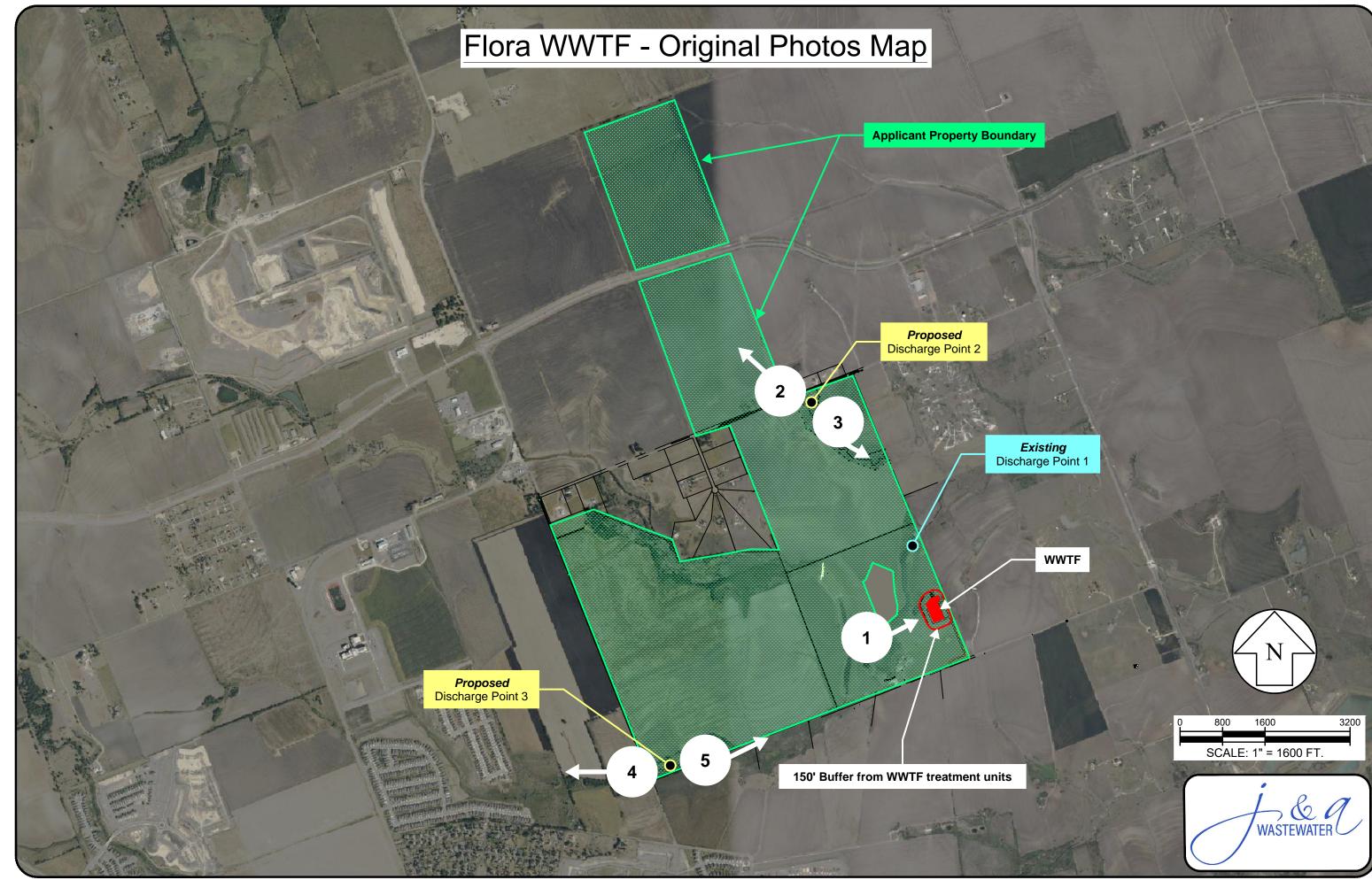
Appendix (Design Parameters)

Items	1	Ranges		Design Values	Unit
Anoxic/Oxic MLSS (X _{TSR})	4,000	~	9,500	5,800	mg/L
Oxic MLSS (X _{OX})	6,000	~	12,000	8,000	mg/L
MLVSS/MLSS(X _V)	MLVSS	/	MLSS	0.7	
F/M ration	0.01	~	0.30	0.06	kgB0D/kgMLVSS-d
Sludge return (X _{r1})	50	~	400	250	%
Sludge retention time (SRT)	15	~	50	35.6	day
Bio reactor temperature	10	~	30	20	°C
Bio reactor pH	6.8	~	7.2	7.0	
Dissolved Oxygen concentration (DO)	2.0	~	5.0	2.0	mg/L
Y(net), Sludge yield	0.30	~	0.60	0.47	mgVSS/mgBOD _{rem}
b, Sludge decay coefficient	0.05	~	0.30	0.15	day ⁻¹
μ _{Nm} , Max nitrifier production	0.30	~	0.60	0.47	day ⁻¹
Y _N (net), Nitrifier yield	0.10	~	0.30	0.20	mgVSS/mgNH ₄ N _{rem}
K _o , O ₂ Half saturation coefficient	0.40	~	0.60	0.50	O ₂ mg/L
K_{N} NH ₄ -N Half saturation coefficient	0.20	~	5.00	0.74	NH ₄ -N mg/L
				0.40	m³/m²⋅d
Membrane Flux	Design			16.7	LMH
				9.8	GFD
SNR, Specific Nitrification Rate		Oxic		2.70	mgNH ₄ N/gMLVSS·hr
SDNR, Specific denitrification Rate			2.70	mgNO3N/gMLVSS·hr	
SPUR				1.24	mg P/gMLSS·hr
BOD/P _{rel}				12.0	P releasing
BOD/No _x -N _{rem}				2.86	Denitrification
N/VSS, Nitrogen % in Biomass	5.00	~	12.0	12.0	%
P/VSS, Phosphofus % in Biomass	1.00	~	7.50	5.8	P uptaking (%)



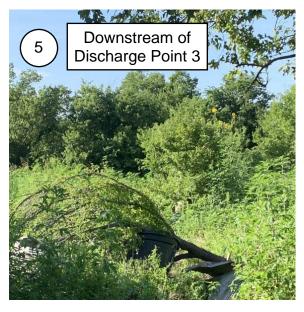




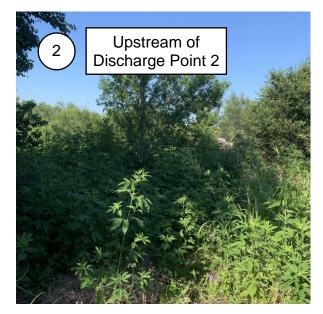


Flora WWTF - Original Photos





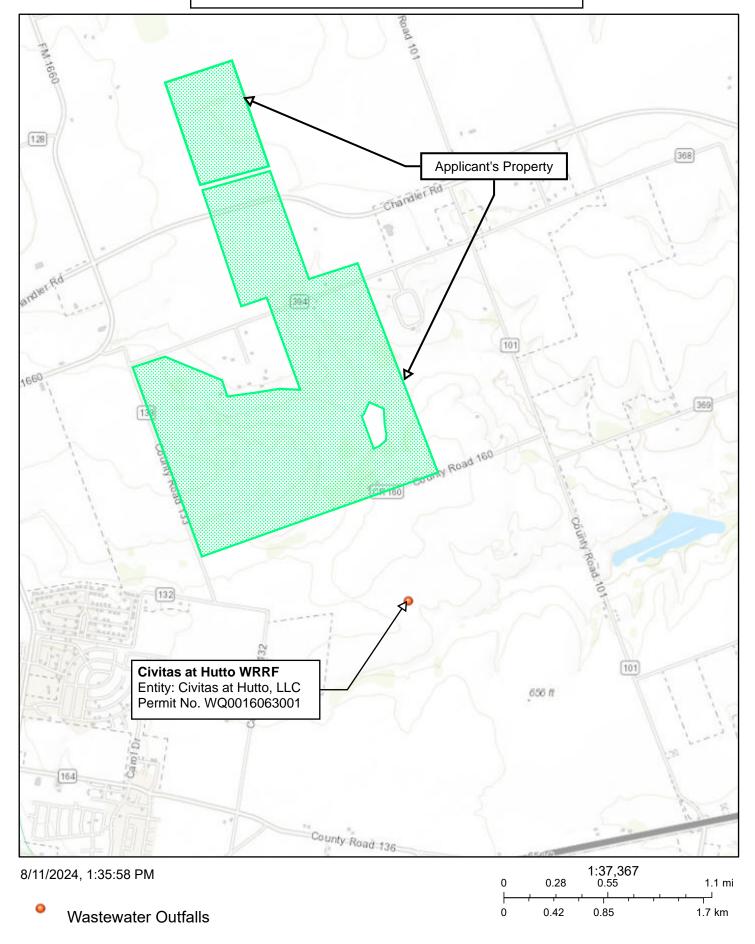








Flora WWTF - Nearby Facilities





Austin Community College, City of Austin, County of Williamson, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, EPA, USDA, TCEQ



2 September 2024

Civitas at Hutto, LLC 5599 San Felipe St Ste 565 Houston, TX 77056 -2753

Subject: Civitas at Hutto WRRF

James J. Miller

To Whom it May Concern,

Hutto 525 Development Partners LP is applying for a TPDES permit and is located within three miles of the Civitas at Hutto WRRF. It is our understanding that the Civitas at Hutto WRRF may not have the capacity and doesn't have the infrastructure (collection system) to accept waste from the new proposed subdivision. Please confirm in writing at your earliest convenience.

Sincerely,

Jamie L. Miller, P.E.

President

JA Wastewater

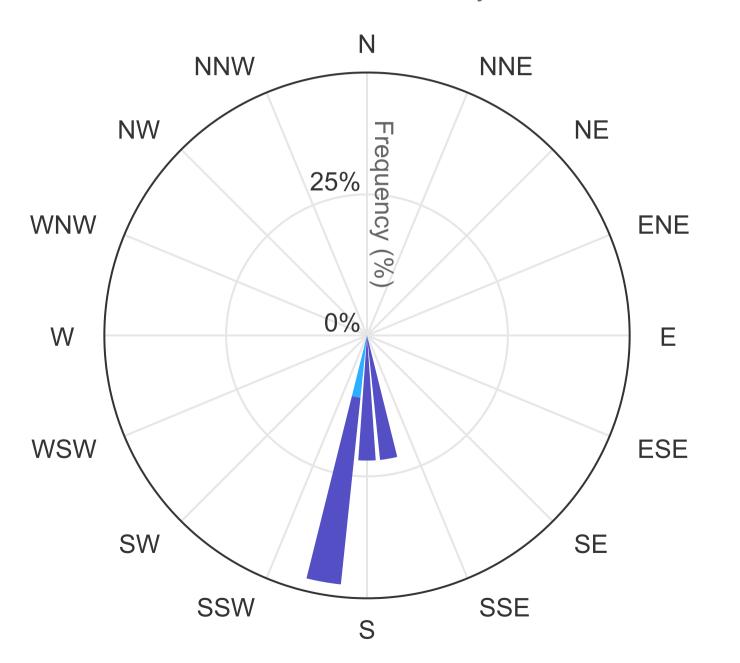
5765 Fig Way

Arvada, CO 80002

Firm Number F-23372

AUSTIN-CAMP MABRY (TX) Wind Rose

August 01, 2024 - August 01, 2024 Sub-Interval: January 1 - December 31, 0 - 24



Wind Speed (mph)

- 1.3 4
- 4 8
- 8 13
- 13 19
- 19 25
- **25 32**
- 32 39
- 9 39 47
- 47 -

SOLIDS MANAGEMENT PLAN

The permit application includes three phases of flows as described below:

- Phase 1 = 0.20 mgd
- Phase 2 = 0.40 mgd
- Phase 3 = 0.60 mgd
- Final Phase = 0.85 mgd

Estimated solids generation is based on the below listed criteria:

- Average Influent BOD = 350 mg/L
- Design Influent BOD = 350 mg/L
- Solids Generated = 0.98 Pound Solids per Pound of BOD applied
- Calculations are based on the average influent BOD, as stipulated in Chapter 217.250 for firm dewatering capacity.
- (a) Operating range for the mixed liquor suspended solids in the treatment process based on design flow and projected actual flow at the facility.

Phase #	Operating Range (mg/L)
Phase 1 (Activated Sludge)	1,000 - 5,000
Phase 2 (MBR)	8,000 - 12,000
Phase 3 (MBR)	8,000 – 12,000
Final Phase (MBR)	8,000 - 12,000

(b) Description of the procedure and method of solids removal from both wastewater and sludge treatment processes.

The sludge wasting pumps will convey sludge from the treatment basins to the sludge holding basin in final phase. The sludge wasting pumps will be operated manually by the operator. The sludge holding basins/tanks will be pumped as a semi-liquid onto a transport truck where it will be taken to a permitted landfill.

(c) Quantity of solids to be removed from the process and schedule for removal of solids designed to maintain an appropriate solids inventory.

Solids will be removed from the sludge holding basin on a 10-day rotation during final phase. Flora WWTF currently does not plan to process waste activated sludge from other wastewater treatment plants in liquid or cake form through its sludge processing facilities.

Solids Generated at 100, 75, 50, and 25 percent Design Flow:

Phase 1 – Average Daily Flow: 0.20 mgd

100% Flow: Solids Generation = (350 mg/l)(0.20 MGD)(8.34 lb/mg)(0.98) = 572.12 lb/day 75% Flow: Solids Generation = (350 mg/l)(0.15 MGD)(8.34 lb/mg)(0.98) = 429.09 lb/day

50% Flow: Solids Generation = (350 mg/l)(0.10 MGD)(8.34 lb/mg)(0.98) = 286.06 lb/day

25% Flow: Solids Generation = (350 mg/l)(0.05 MGD)(8.34 lb/mg)(0.98) = 143.03 lb/day



Phase 2 – Average Daily Flow: 0.40 mgd

100% Flow: Solids Generation = (350 mg/l)(0.40 MGD)(8.34 lb/mg)(0.98) = 1144.24 lb/day 75% Flow: Solids Generation = (350 mg/l)(0.30 MGD)(8.34 lb/mg)(0.98) = 858.19 lb/day 50% Flow: Solids Generation = (350 mg/l)(0.20 MGD)(8.34 lb/mg)(0.98) = 572.12 lb/day 25% Flow: Solids Generation = (350 mg/l)(0.10 MGD)(8.34 lb/mg)(0.98) = 286.06 lb/day

Phase 3 – Average Daily Flow: 0.60 mgd

100% Flow: Solids Generation = (350 mg/l)(0.60 MGD)(8.34 lb/mg)(0.98) = 1716.37 lb/day 75% Flow: Solids Generation = (350 mg/l)(0.45 MGD)(8.34 lb/mg)(0.98) = 1287.30 lb/day 50% Flow: Solids Generation = (350 mg/l)(0.30 MGD)(8.34 lb/mg)(0.98) = 858.19 lb/day 25% Flow: Solids Generation = (350 mg/l)(0.15 MGD)(8.34 lb/mg)(0.98) = 429.09 lb/day

Final Phase – Average Daily Flow: 0.85 mgd

100% Flow: Solids Generation = (350 mg/l)(0.85 MGD)(8.34 lb/mg)(0.98) = 2431.53 lb/day 75% Flow: Solids Generation = (350 mg/l)(0.64 MGD)(8.34 lb/mg)(0.98) = 1830.80 lb/day 50% Flow: Solids Generation = (350 mg/l)(0.43 MGD)(8.34 lb/mg)(0.98) = 1230.07 lb/day 25% Flow: Solids Generation = (350 mg/l)(0.21 MGD)(8.34 lb/mg)(0.98) = 600.73 lb/day



Leah Whallon

From: Janela Revilla <jrevilla@jawastewater.com>
Sent: Friday, November 22, 2024 1:26 PM
To: Leah Whallon; Ash Upadhyaya

Cc: Jamie Miller

Subject: Re: Major Amendment Hold (WQ0015998001)

Attachments: Flora_WWTF_Transfer_Application.pdf; Updated_Flora_WWTF_TDPES_Application.pdf

Good afternoon Leah,

Please see the pdf versions of Flora WWTF Transfer Application and the updated pages of the TDPES Application. We will mail the physical copies as soon as we receive the original signatures from our client. This should be sometime early next week.

Let me know if there's anything else you need and have a great weekend!

Thanks, Janela Revilla



From: Leah Whallon < Leah. Whallon@Tceq.Texas.Gov>

Sent: Friday, October 25, 2024 12:14 PM

To: Ash Upadhyaya <aupadhyaya@jawastewater.com>

Cc: Jamie Miller <jmiller@jawastewater.com>; Janela Revilla <jrevilla@jawastewater.com>

Subject: RE: Major Amendment Hold (WQ0015998001)

Hi Ash,

If the transfer application is received and complete within the 30 days, nothing else will be required to continue the review of the major amendment application. It will remain in administrative review until the transfer can be completed and the NORI is issued. Please let me know if you have any other questions.

Thanks,



Leah Whallon

Texas Commission on Environmental Quality Water Quality Division 512-239-0084

leah.whallon@tceq.texas.gov

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

From: Ash Upadhyaya <aupadhyaya@jawastewater.com>

Sent: Friday, October 25, 2024 12:11 PM

To: Leah Whallon < Leah. Whallon@Tceq. Texas. Gov>

Cc: Jamie Miller <jmiller@jawastewater.com>; Janela Revilla <jrevilla@jawastewater.com>

Subject: Re: Major Amendment Hold (WQ0015998001)

Hi Leah,

Thank you for your response and for offering the extension letter.

We expect to submit both the transfer application and the updated major amendment pages within the next 10 days. With this timeline, I believe the current application review process will remain largely uninterrupted, but I'd like to confirm: Will this allow the review of the major amendment to resume smoothly upon submission, or would an additional procedural step be required?

Please let me know if you need anything further, and thank you again for your guidance.

Best regards, Ash



Ashraya Upadhyaya, M.S Project Engineer JA Wastewater, LLC 903-414-0307 aupadhyaya@jawastewater.com

From: Leah Whallon < Leah. Whallon @Tceq. Texas. Gov>

Sent: Friday, October 25, 2024 11:52 AM

To: Ash Upadhyaya

Cc: Jamie Miller < <u>imiller@jawastewater.com</u>>; Janela Revilla < <u>irevilla@jawastewater.com</u>>

Subject: RE: Major Amendment Hold (WQ0015998001)

Hi Ash,

Do you know how much time is needed to submit the transfer application? This will need to be provided as soon as possible to continue the administrative review of the major amendment application.

I can send the 30 day extension letter for the major amendment effective today. If more time is needed, then we can consider the hold request, or the major amendment application could need to be withdrawn and resubmitted after the transfer application is received.

Please let me know if you have any questions.

Thanks.



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

From: Ash Upadhyaya aupadhyaya@jawastewater.com

Sent: Friday, October 25, 2024 10:04 AM

To: Leah Whallon < Leah. Whallon@Tceq. Texas. Gov >

Cc: Jamie Miller < jmiller@jawastewater.com >; Janela Revilla < jrevilla@jawastewater.com >

Subject: Major Amendment Hold (WQ0015998001)

Good morning Leah,

We are requesting a temporary hold on the permit application for the major amendment to the Flora WWTF (WQ0015998001), submitted on 9/27/24. Currently, we are preparing a transfer application to update the applicant name to a new entity. Once the transfer is complete, we will promptly re-submit the updated pages for the permit application to reflect this change.

Thank you for your assistance and support in helping to keep this process efficient and on track.

Best regards,

Ash

Ashraya Upadhyaya, M.S Project Engineer JA Wastewater, LLC 903-414-0307 aupadhyaya@jawastewater.com

TCEQ

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

APPLICATION TO TRANSFER A WASTEWATER PERMIT OR CAFO PERMIT

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

SECTION 1. CURRENT PERMIT INFORMATION

Whatic	tha D	ormit	Mumbar?	MOO	015998001
vvnat is	me r	eriiii .	number:		J15998001

What is the EPA I.D. Number? TX 0141321

What is the Current Name on the Permit?

Hutto 525 Development Partners LP

What is the Customer Number (CN) for the current permittee? CN 605893288

What is the Regulated Entity Reference Number (RN): RN 111266722

For Publicly Owned Treatment Works (POTWs) Only:

a)	a) Does this permit require implementation of an approved pretreatment program by						
	POTW?	Yes 🗆	No 🗵				
b)	NOTE: The	domestic r be cancel	domestic reclaimed water authorization associated with it? reclaimed water authorization associated with this led on the same date the transfer took place. See formation.				

SECTION 2. FACILITY OWNER (APPLICANT) INFORMATION

- **A.** What is the Legal Name of the facility owner? South Fork Ranch Municipal Utility District
- B. What is the Customer Number (CN) issued to this entity? CN 604625418
- C. Complete and attach a Core Data Form (TCEQ-10400) for this customer.

SECTION 3. CO-APPLICANT INFORMATION

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

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

None

- **B.** What is the Customer Number (CN) issued to this entity? CN N/A
- **C.** Complete and attach a Core Data Form (TCEQ-10400) for this customer.

SECTION 4. APPLICATION CONTACT INFORMATION

This is the person TCEQ will contact if additional information is needed about this application.

Application Contact First and Last Name: <u>Janela Revilla</u>

Title: Project Engineer Credentials: E.I.T.

Company Name: JA Wastewater, LLC

Mailing Address: 5765 Fig Way

City, State, and Zip Code: Arvada, CO 80002

Phone Number: <u>(737)864-3476</u> Fax Number: <u>None</u>

E-mail Address: <u>jrevilla@jawastewater.com</u>

SECTION 5. PERMIT CONTACT INFORMATION

This is the person TCEQ will contact if additional information is needed during the term of the permit.

Permit Contact First and Last Name: Janela Revilla

Title: Project Engineer Credentials: E.I.T.

Company Name: JA Wastewater, LLC

Mailing Address: 5765 Fig Way

City, State, and Zip Code: Arvada, CO 80002

Phone Number: (737)864-3476 Fax Number: None

E-mail Address: <u>jrevilla@jawastewater.com</u>

SECTION 6. SITE INFORMATION

Site Name: Flora WWTF

SECTION 7. LEASE AND EASEMENT REQUIREMENTS

A. Landowner where the facility is or will be located:

Landowner Name: South Fork Ranch Municipal Utility District

If this individual is not the same person as the facility owner or co-applicant, attach one of the following documents:

- A lease agreement or deed recorded easement, if the facility is NOT a fixture of the land, or
- A deed recorded easement if the facility IS a fixture of the land.
- **B.** Landowner of the effluent disposal site:

Landowner Name: N/A

If this individual is not the same person as the facility owner or co-applicant, attach a lease agreement.

- **C.** For CAFOs: Attach the following records:
 - Warranty Deed or Property Tax Records
 - Lease Agreement (for land management units that are not owned by the facility owner or co-applicant)

Facility Size on the proof of ownership, in acres:

SECTION 8. TRANSFER DATE

What is the date that the transfer of operator or ownership will occur? November 1, 2024

SECTION 9. REPORTING AND BILLING INFORMATION

A. Please identify the individual for receiving the reporting forms.

First and Last Name: Eduardo Mendoza

Title: <u>President</u> Credentials:

Company Name: South Fork Ranch Municipal Utility District

Mailing Address: 919 Congress Avenue, Suite 1500

City, State, and Zip Code: Austin, TX 78701

Phone Number: (512) 518-2424 Fax Number: None

E-mail Address: aswmail@aswtax.com

B. Please identify the individual for receiving the annual fee invoices.

First and Last Name: Eduardo Mendoza

Title: President Credentials:

Company Name: South Fork Ranch Municipal Utility District

Mailing Address: 919 Congress Avenue, Suite 1500

City, State, and Zip Code: Austin, TX 78701

Phone Number: (512) 518-2424 Fax Number: None

E-mail Address: aswmail@aswtax.com

SECTION 10. DELINQUENT FEES OR PENALTIES

Do you owe fees to the TCEQ? Yes \square No \boxtimes

Do you owe any penalties to the TCEQ? Yes \square No \boxtimes

If you answered yes to either of the above questions, provide the amount owed, the type of fee or penalty, and an identifying number.

<u>N/A</u>

TRANSFEROR SIGNATURE (Current Facility Owner)

I consent to the transfer of the permit and 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 Section 305.44 to sign this document and can provide documentation in proof of such authorization upon request.

Facility Owner Name: <u>Stephen T. Sellers - Hutt</u>	o 525 Development Partners LP
Title: <u>Authorized Signatory</u>	
Signature: MT. D	Date: 11/4/2024
SUBSCRIBED AND SWORN to before me by	y the said Stephen T. Serves on
this day of November	, 20 <mark>24</mark>
My commission expires on the 24Th	_day of <u>July</u> , 20 <u>28</u>
	Ko Bra
(Seal)	Notary Public
KATHY BURTON Notary ID # 5900288 My Commission Expires July 24, 2028	County, Texas

TRANSFEREE SIGNATURE (New Facility Owner)

I certify that a change of ownership of the facility for the subject permit has been issued will occur as indicated in the application. As a condition of the transfer, I do hereby declare that:

The transferee will be the owner of the existing treatment facility from which wastewater is discharged, deposited or disposed or the facilities required to comply with the permit will be constructed as described in the application considered by the TCEQ prior to the issuance of the permit.

The transferee possesses a copy of the permit, understands the terms and conditions therein, and does accept and assume all obligations of the permit.

The transferee assumes financial responsibility for the proper maintenance and operation of all waste treatment and disposal facilities required by the permit or which may be required to comply with the permit terms and conditions. The transferee certifies that the transfer is not made for the purpose of avoiding liability for improper actions carried out prior to the date of transfer. Neither is the transfer made for the purpose of transferring responsibility for improper operations to an insolvent entity.

The transferee certifies under penalty of law that this document 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 known violations and revocation of this permit.

New Facility Owner: Eduardo Mendoza - South Fork Ranch Municipal Utility District

Notary ID 133805747



Owner

15. Mailing

TCEQ-10400 (11/22)

Address:

Occupational Licensee

City

□ Operator

919 Congress Avenue, Suite 1500

Austin

16. Country Mailing Information (if outside USA)

Responsible Party

TCEQ Core Data Form

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

SECTION I: General I	<u>ntormation</u>					
1. Reason for Submission (If other is check	ked please describe in space provided.)					
New Permit, Registration or Authorization	on (Core Data Form should be submitted	with the pro	ogram application.)			
Renewal (Core Data Form should be sub	mitted with the renewal form)		Other			
2. Customer Reference Number (if issued	Tollow this link to seal	<u>CII</u>	egulated Entity Re	ference	Number (if is	ssued)
CN 604625418	for CN or RN numbers Central Registry**		111266722			
ECTION II: Custome	r Information					
4. General Customer Information	5. Effective Date for Customer	Informatio	n Updates (mm/dd	/уууу)		10/29/24
☐ New Customer	Update to Customer Information	☐ Ch	ange in Regulated Er	ntity Own	ership	
The Customer Name submitted here mo (SOS) or Texas Comptroller of Public Acc 6. Customer Legal Name (If an individual,	counts (CPA).	on what is	If new Customer,			
South Fork Ranch Municipal Utility District						
7. TX SOS/CPA Filing Number	8. TX State Tax ID (11 digits)		9. Federal Tax ID (9 digits)		10. DUNS Number (if applicable)	
11. Type of Customer: Corpo	pration	☐ Indiv	ridual	Partne	rship: 🗌 Gen	eral 🗌 Limited
Government: City County Federal	☐ Local ☐ State ☐ Other	Sole	Proprietorship	Ot	her:	
12. Number of Employees			13. Independe	ntly Ow	ned and Ope	rated?
□ 0-20 □ 21-100 □ 101-250 □ 25	51-500		⊠ Yes	☐ No		
14. Customer Role (Proposed or Actual) – a	as it relates to the Regulated Entity listed	on this form	n Please check one c	of the fall	owina	

aswmail@aswtax.com

TX

ZIP

78701

17. E-Mail Address (if applicable)

Other:

ZIP + 4

Page 1 of 3

Owner & Operator

State

18. Telephone Number	19. Extension or Code	20. Fax Number (if applicable)
(512) 518-2424	None	() -

SECTION III: Regulated Entity Information

21. General Regulated Entity Information (If 'New Regulated Entity" is selected, a new permit application is also required.)									
☐ New Regulated Entity ☐ Update to Regulated Entity Name ☐ Update to Regulated Entity Information									
The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).									
22. Regulated Entity Nam	ne (Enter nan	ne of the site wher	re the regulated action	n is taking pla	ce.)				
Flora WWTF									
23. Street Address of the Regulated Entity:	900 County Road 160								
(No PO Boxes)	City	Hutto	State	TX	ZIP	76574		ZIP + 4	
24. County	Williamson								
		If no Stree	et Address is provid	ded, fields 25	5-28 are re	quired.			
25. Description to			1.45505			D 146			
Physical Location:	WWTF is lo	cated approximat	ely 4,650 feet west of	the intersecti	on of Count	y Road 16	0 and County I	Road 101.	
26. Nearest City						State		Nea	rest ZIP Code
Hutto TX 76574									
Latitude/Longitude are ruused to supply coordinat	-	-	-		ata Stando	ırds. (Ge	ocoding of th	ne Physical	Address may be
_	es where no	-	-	accuracy).	ata Stando			97.51050	
used to supply coordinate	es where no	ne have been p	-	accuracy).	ngitude (V	V) In Dec			
used to supply coordinate 27. Latitude (N) In Decim	es where no	ne have been p	rovided or to gain	28. Lo	ngitude (V	V) In Dec	imal:		6°
27. Latitude (N) In Decim	al: Minutes	30.582994°	Seconds 58.78	28. Lo	ngitude (V es -97	V) In Dec	imal: Minutes		Seconds 37.82
27. Latitude (N) In Decim Degrees 30	al: Minutes 30.	30.582994°	Seconds 58.78	28. Lo	ngitude (V es -97 y NAICS Co	V) In Dec	imal: Minutes	97.51050	Seconds 37.82
27. Latitude (N) In Decim Degrees 30 29. Primary SIC Code	al: Minutes 30.	30.582994° 34 Secondary SIC	Seconds 58.78	28. Lo Degree 31. Primary	ngitude (V es -97 y NAICS Co	V) In Dec	Minutes 30 32. Second	97.51050	Seconds 37.82
Degrees 30 29. Primary SIC Code (4 digits)	es where no al: Minutes 30.	30.582994° 34 Secondary SIC	Seconds 58.78 Code	28. Lo Degree 31. Primary (5 or 6 digits	-97 y NAICS Co	V) In Dec	Minutes 30 32. Second	97.51050	Seconds 37.82
used to supply coordinate 27. Latitude (N) In Decim Degrees 30 29. Primary SIC Code (4 digits) 6552	es where no al: Minutes 30.	30.582994° 34 Secondary SIC	Seconds 58.78 Code	28. Lo Degree 31. Primary (5 or 6 digits	-97 y NAICS Co	V) In Dec	Minutes 30 32. Second	97.51050	Seconds 37.82
used to supply coordinate 27. Latitude (N) In Decim Degrees 30 29. Primary SIC Code (4 digits) 6552 33. What is the Primary E Wastewater Treatment	Minutes 30. (4 d	30.582994° 34 Secondary SIC	Seconds 58.78 Code	28. Lo Degree 31. Primary (5 or 6 digits	-97 y NAICS Co	V) In Dec	Minutes 30 32. Second	97.51050	Seconds 37.82
used to supply coordinate 27. Latitude (N) In Decim Degrees 30 29. Primary SIC Code (4 digits) 6552 33. What is the Primary B Wastewater Treatment	Minutes 30. (4 d	30.582994° 34 Secondary SIC digits)	Seconds 58.78 Code	28. Lo Degree 31. Primary (5 or 6 digits	-97 y NAICS Co	V) In Dec	Minutes 30 32. Second	97.51050	Seconds 37.82
used to supply coordinate 27. Latitude (N) In Decim Degrees 30 29. Primary SIC Code (4 digits) 6552 33. What is the Primary E Wastewater Treatment	Minutes 30. (4 d	30.582994° 34 Secondary SIC digits)	Seconds 58.78 Code	28. Lo Degree 31. Primary (5 or 6 digits	-97 y NAICS Co	V) In Dec	Minutes 30 32. Second	97.51050	Seconds 37.82
used to supply coordinate 27. Latitude (N) In Decim Degrees 30 29. Primary SIC Code (4 digits) 6552 33. What is the Primary B Wastewater Treatment	Minutes 30. (4 c) 919 Congr	30.582994° 34 Secondary SIC ligits) this entity? (Do	Seconds 58.78 Code o not repeat the SIC of State	28. Lo Degree 31. Primary (5 or 6 digits 237210 r NAICS descri	-97 y NAICS Co	V) In Dec	Minutes 30 32. Second	97.51050	Seconds 37.82
used to supply coordinate 27. Latitude (N) In Decim Degrees 30 29. Primary SIC Code (4 digits) 6552 33. What is the Primary B Wastewater Treatment 34. Mailing Address:	Minutes 30. (4 c) 919 Congr	30.582994° 34 Secondary SIC digits) this entity? (Do	Seconds 58.78 Code o not repeat the SIC of State	28. Lo Degree 31. Primary (5 or 6 digits 237210 T NAICS descrip	-97 y NAICS Co	V) In Dec	Minutes 30 32. Second	97.51050 ndary NAI gits)	Seconds 37.82

TCEQ-10400 (11/22) Page 2 of 3

submit this form or	South For	k Ranch Municipal Uti	lity District	Job Title:	Presid	dent	(512) 518- 2424
submit this form o					President		
. By my signature b	elow, I certif	y, to the best of my kn		ation provided in required for the	this form updates to	is true and comple the ID numbers in	ete, and that I have signature auth dentified in field 39.
	V: A11	thorized S					
903) 414-0307	ilibei	None None	() ·			ewater.com	
O. Name: As	hraya Upadh	yaya 	44. Fax Number	41. Title: 45. E-Mai		Engineer	
		eparer Inf	ormation	A4 Title:	Design	Engineer	
	-1/						
☐ Voluntary Clea	nup	☑ Wastewater	☐ Wastewater Agric	ulture	Water R	ights	Other:
		-					
Sludge		Storm Water	☐ Title V Air		Tires		Used Oil
Municipal Solid	l Waste	New Source Review Air	OSSF] Petroleu	m Storage Tank	□ PWS
		Districts	Edwards Aquifer				

39. TCEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this

form. See the Core Data Form instructions for additional guidance.

Flora Wastewater Treatment Facility

TCEQ Application for TPDES Permit Amendment

Submitted to Texas Commission on Environmental Quality

November 2024





Major Amendment Request

South Fork Ranch Municipal Utility District is submitting this application for a major amendment to the Flora WWTF (WQ0015998001) TPDES permit. The purpose of this major amendment is to increase the full build-out flows from 500,000 gpd to 850,000 gpd. It includes two additional discharge points (depicted below) and expansion of the wastewater treatment facility site. The original permit was issued in July 2022 and the first phase of 200,000 gpd is currently under construction.



THE TONMENTAL OUTE

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST

Complete and submit this checklist with the application.

APPLICANT NAME: South Fork Ranch Municipal Utility District

PERMIT NUMBER (If new, leave blank): WQ00 15998001

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

	1	17		Y	IN
Administrative Report 1.0			Original USGS Map	\boxtimes	
Administrative Report 1.1			Affected Landowners Map	\boxtimes	
SPIF			Landowner Disk or Labels		
Core Data Form			Buffer Zone Map	\boxtimes	
Public Involvement Plan Form			Flow Diagram	\boxtimes	
Technical Report 1.0			Site Drawing	\boxtimes	
Technical Report 1.1			Original Photographs	\boxtimes	
Worksheet 2.0			Design Calculations	\boxtimes	
Worksheet 2.1			Solids Management Plan	\boxtimes	
Worksheet 3.0		\boxtimes	Water Balance		\boxtimes
Worksheet 3.1		\boxtimes			
Worksheet 3.2		\boxtimes			
Worksheet 3.3		\boxtimes			
Worksheet 4.0		\boxtimes			
Worksheet 5.0		\boxtimes			
Worksheet 6.0		\boxtimes			
Worksheet 7.0		\boxtimes			

For TCEQ Use Only	
Segment Number	_County
Expiration Date	_Region
Permit Number	

	\boxtimes	Active		Inactive								
c.	Che	theck the box next to the appropriate permit type.										
	\boxtimes	▼ TPDES Permit										
		□ TLAP										
		TPDES Per	mit w	ith TLAP co	mponent							
		Subsurfac	e Area	Drip Dispe	rsal System ((SADDS)						
d.	Che	eck the box	next t	o the appro	priate applic	ation typ	e					
		New										
		Major Amo	endme	ent <u>with</u> Ren	iewal		Minor Amendment with Renewal					
	\boxtimes	Major Am	endm	ent <u>without</u>	Renewal		Minor Amendment <u>without</u> Renewal					
		Renewal w	vithou	t changes			Minor Modification of permit					
e.		or amendments or modifications, describe the proposed changes: <u>the Flora WWTF expansion</u> onsists of an MBR facility and two new discharge points										
f.	For	existing pe	ermits	s:								
	Peri	mit Numbe	r: WQ0)0 <u>15998001</u>								
	EPA	A I.D. (TPDE	S only): TX <u>014132</u>	<u>1</u>							
	Exp	iration Date	e: <u>July</u>	29, 2027								

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

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

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

South Fork Ranch Municipal Utility District

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

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

CN: 604625418

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

Prefix: Mr. Last Name, First Name: Mendoza, Eduardo

Title: President Credential:

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

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

Mailing Address: <u>5765 Fig Way</u> City, State, Zip Code: <u>Arvada, CO 8002</u>

Phone No.: 903 414 0307 E-mail Address: aupadhyaya@jawastewater.com

B. Prefix: Mr. Last Name, First Name: Mendoza, Eduardo

Title: <u>President</u> Credential:

Organization Name: South Fork Ranch Municipal Utility District

Mailing Address: 919 Congress Avenue, Suite 1500 City, State, Zip Code: Austin, Texas 78701

Phone No.: (512) 518-2424 E-mail Address: aswmail@aswtax.com

Section 6. Billing Contact Information (Instructions Page 27)

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

Prefix: Mr. Last Name, First Name: Mendoza, Eduardo

Title: <u>President</u> Credential:

Organization Name: South Fork Ranch Municipal Utility District

Mailing Address: <u>919 Congress Avenue</u>, <u>Suite 1500</u> City, State, Zip Code: <u>Austin, Texas 78701</u>

Phone No.: (512) 518-2424 E-mail Address: aswmail@aswtax.com

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

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

Prefix: Mr. Last Name, First Name: Mendoza, Eduardo

Title: <u>President</u> Credential:

Organization Name: South Fork Ranch Municipal Utility District

Mailing Address: 919 Congress Avenue, Suite 1500 City, State, Zip Code: Austin, Texas 78701

Phone No.: (512) 518-2424 E-mail Address: aswmail@aswtax.com

Section 8. Public Notice Information (Instructions Page 27)

A. Individual Publishing the Notices

Prefix: <u>Mr.</u> Last Name, First Name: <u>Upadhyaya, Ashraya</u>

Title: Project Engineer Credential: E.I.T.

Organization Name: JA Wastewater

Mailing Address: <u>5765 Fig Way</u> City, State, Zip Code: <u>Arvada, CO 80002</u>

Phone No.: 903 414 0307 E-mail Address: aupadhyaya@jawastewater.com

3.	Do the location		these	schools attend a bilingual ϵ	ucation program	at another
		Yes		No		
4.			-	uired to provide a bilingual ement under 19 TAC §89.12	1 0	but the school has
		Yes	\boxtimes	No		
5.				nestion 1, 2, 3, or 4, public is required by the bilingua		
Pla	in Lang	guage Sumn	ary T	emplate		
Co	mplete	the Plain La	ngua	ge Summary (TCEQ Form 2	972) and include	as an attachment.
At	tachme	nt: <u>Plain Lan</u>	guage	Summary Attachment		
Pu	blic Inv	olvement P	lan Fo	rm		
	-			nent Plan Form (TCEQ Forn Iment to a permit and incl		
	-			ent Plan Attachment		
cti	on 9.			ntity and Permitted S	te Informatio	n (Instructions
		Page 29	3)			
		is currently N <u>111266722</u>	_	ted by TCEQ, provide the R	gulated Entity Nur	nber (RN) issued to
		TCEQ's Cer currently re		egistry at <u>http://www15.tce</u> d by TCEQ.	.texas.gov/crpub/	to determine if
Na	me of p	roject or sit	e (the	name known by the commu	ity where located)):
Flo	ra WWT	<u> </u>				
Ov	vner of t	reatment fa	cility:	South Fork Ranch Municipal 1	tility District	
Ov	vnership	of Facility:		Public 🗵 Private	□ Both □	Federal
Ov	vner of l	and where t	reatn	ent facility is or will be:		
Pre	efix: <u>Mr.</u>			Last Name, First Name	Mendoza, Eduardo	
Tit	le: <u>Presi</u>	<u>dent</u>		Credential:		
Or	ganizati	on Name: <u>S</u>	outh F	ork Ranch Municipal Utility Di	<u>trict</u>	
Ma	iling Ac	ldress: <u>919 C</u>	<u>longre</u>	s Avenue, Suite 1500 City,	tate, Zip Code: <u>Au</u> s	stin, Texas 78701
Ph	one No.	<u>(512) 518-2</u> 2	<u>124</u>	E-mail Address: <u>aswm</u>	il@aswtax.com	
	reement	or deed rec		ame person as the facility of easement. See instructions	vner or co-applica	nt, attach a lease
	Attach	шеш.				

F.

G.

A.

B.

C.

D.

Section 14. Signature Page (Instructions Page 34)

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

Permit Number: WQ0015998001

Applicant: South Fork Ranch Municipal Utility District

Signatory name (typed or printed): Eduardo Mendoza

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.

ignatory name (typea or printed).
ignatory title: <u>President</u>
ignature: Sled H. Date: 11-18-24 (Use blue ink)
ubscribed and Sworn to before me by the said Eduardo Mendoza
n this 18th day of November , 2024.
Iy commission expires on the 9th day of June, 2014.
Hally Moore [SEAL]
HALEY E. MOORE Notary Public, State of Texas Comm. Expires 06-09-2026

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

FOR AGENCIES REVIEWING DOMESTIC OR INDUSTRIAL TPDES WASTEWATER PERMIT APPLICATIONS

TOPO LICE ONLY.
TCEQ USE ONLY: Application type:RenewalMajor AmendmentMinor AmendmentNew
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
Texas ranks and whome Department 0.3. 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 be our agreement with EPA. If any of the items are not completely addressed or further informatio 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

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: <u>Eduardo Mendoza</u>
Credential (P.E, P.G., Ph.D., etc.):
Title: President
Mailing Address: 919 Congress Avenue, Suite 1500
City, State, Zip Code: Austin, TX 78701
Phone No.: <u>(512) 518-2424</u> Ext.: <u>None</u> Fax No.: <u>None</u>
E-mail Address: aswmail@aswtax.com
List the county in which the facility is located: Williamson
If the property is publicly owned and the owner is different than the permittee/applicant,
please list the owner of the property.
N/A
Duraile a description of the officert discharge nexts. The discharge nexts must follow the flow
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.
The existing discharge of 0.5 MGD flows into Segment 1244C, South Fork of Mustang Creek. The proposed discharge of 0.23 MGD flows into a tributary of South Fork of Mustang Creek. The
proposed discharge of 0.12 MGD flows into an unnamed tributary then to the South Fork of Mustang
<u>Creek. Altogether, the treated effluent will be conveyed to Mustang Creek, thence to Brushy Creek in Segment No. 1244 of the Brazos River Basin.</u>
beginent 110. 1244 of the Bluzos luver Busin.
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).
Dravide eviginal photographs of any ethylotypes 50 years on older on the property
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

2. 3.

4.

5.

Sealing caves, fractures, sinkholes, other karst features

Vibration effects during construction or as a result of project design

Additional phases of development that are planned for the future



TCEQ Core Data Form

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

City

Austin

16. Country Mailing Information (if outside USA)

SECTION I: General Info	ormation					
1. Reason for Submission (If other is checked plants)	lease describe in space provided.)					
New Permit, Registration or Authorization (Co	ore Data Form should be submitted w	ith the prog	ram application.)			
Renewal (Core Data Form should be submitted	O	ther				
2. Customer Reference Number (if issued)	Follow this link to search for CN or RN numbers in					
CN 604625418	Central Registry**	RN 1	111266722			
SECTION II: Customer I	<u>information</u>					
4. General Customer Information 5	5. Effective Date for Customer Inf	ormation	Updates (mm/dd,	/уууу)		
☐ New Customer ☐ Upd:	ate to Customer Information	Chan	ge in Regulated En	tity Own	ership	
Change in Legal Name (Verifiable with the Texas	s Secretary of State or Texas Comptro	ller of Publi	c Accounts)			
The Customer Name submitted here may be (SOS) or Texas Comptroller of Public Account		what is c	urrent and active	with th	ne Texas Secretary of State	
6. Customer Legal Name (If an individual, print I	last name first: eg: Doe, John)		<u>If new Customer,</u>	enter pre	evious Customer below:	
South Fork Ranch Municipal Utility District						
7. TX SOS/CPA Filing Number 8. TX State Tax ID (11 digits)			9. Federal Tax ID (9 digits)		10. DUNS Number (if applicable)	
11. Type of Customer: Corporation	n	☐ Individ	ual	Partne	rship:	
Government: City County Federal Loc	cal State Other	Sole Pr	oprietorship	etorship		
12. Number of Employees	<u> </u>		13. Independer	ntly Owi	ned and Operated?	
14. Customer Role (Proposed or Actual) – as it re	elates to the Regulated Entity listed or	n this form.	Please check one o	f the follo	owing	
Owner Operator Overator Other: Occupational Licensee Responsible Party VCP/BSA Applicant						
919 Congress Avenue, Suite 1500 15. Mailing						
Address:						

TCEQ-10400 (11/22) Page 1 of 3

ZIP

aswmail@aswtax.com

78701

17. E-Mail Address (if applicable)

ZIP + 4

State

18. Telephone Number	19. Extension or Code	20. Fax Number (if applicable)
(512) 518-2424	None	() -

SECTION III: Regulated Entity Information

21. General Regulated Er	tity Inform	ation (If 'New Reg	gulated Entity" is sele	cted, a new pe	rmit applica	ation is a	lso required.)		
☐ New Regulated Entity	Update to	Regulated Entity	Name 🛛 Update	to Regulated E	ntity Inforn	nation			
The Regulated Entity Nar as Inc, LP, or LLC).	ne submitte	ed may be upda	ted, in order to me	et TCEQ Core	Data Sta	ndards	(removal of or	rganizatio	nal endings such
22. Regulated Entity Nam	ne (Enter nan	ne of the site wher	re the regulated action	n is taking plac	ce.)				
Flora WWTF									
23. Street Address of the Regulated Entity:	900 County Road 160								
(No PO Boxes)	City	Hutto	State	TX	ZIP	76574	ŀ	ZIP + 4	
24. County	Williamson								
		If no Stree	et Address is provid	led, fields 25	5-28 are re	quired.			
25. Description to			1.45505			5 14			
Physical Location:	WWIF IS 10	cated approximate	ely 4,650 feet west of	the intersection	on of Count	у коаа 1	60 and County F	Road 101.	
26. Nearest City						State		Nea	rest ZIP Code
Hutto						TX		7657	74
Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).									
usea to supply coordinate	es where no	ne have been p	-						•
27. Latitude (N) In Decim		30.582994°	-	accuracy).	ngitude (V	V) In De	cimal:	97.51050	
			-	accuracy).		V) In De	cimal:	97.51050	
27. Latitude (N) In Decim	al:		rovided or to gain	28. Lo		V) In De		97.51050	6°
27. Latitude (N) In Decim	al: Minutes	30.582994°	Seconds 58.78	28. Lo	-97		Minutes 30	97.51050	6° Seconds 37.82
27. Latitude (N) In Decim Degrees 30	Minutes	30.582994°	Seconds 58.78	28. Lo Degree	-97 • NAICS Co		Minutes 30	ndary NAI	6° Seconds 37.82
27. Latitude (N) In Decim Degrees 30 29. Primary SIC Code	Minutes	30.582994° 34 Secondary SIC	Seconds 58.78	28. Lo Degree 31. Primary	-97 • NAICS Co		Minutes 30 32. Secon	ndary NAI	6° Seconds 37.82
27. Latitude (N) In Decim Degrees 30 29. Primary SIC Code (4 digits)	30. (4 d	30.582994° 34 Secondary SIC (ligits)	Seconds 58.78 Code	28. Lo Degree 31. Primary (5 or 6 digits	-97 • NAICS Co		Minutes 30 32. Secon	ndary NAI	6° Seconds 37.82
27. Latitude (N) In Decim Degrees 30 29. Primary SIC Code (4 digits) 6552	30. (4 d	30.582994° 34 Secondary SIC (ligits)	Seconds 58.78 Code	28. Lo Degree 31. Primary (5 or 6 digits	-97 • NAICS Co		Minutes 30 32. Secon	ndary NAI	6° Seconds 37.82
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27. Latitude (N) In Decime Degrees 30 29. Primary SIC Code (4 digits) 6552 33. What is the Primary E Wastewater Treatment	Minutes 30. (4 d	30.582994° 34 Secondary SIC digits) this entity? (Da	Seconds 58.78 Code	28. Lo Degree 31. Primary (5 or 6 digits	-97 • NAICS Co		Minutes 30 32. Secon	ndary NAI	6° Seconds 37.82
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TCEQ-10400 (11/22) Page 2 of 3

39. TCEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this form. See the Core Data Form instructions for additional guidance. Industrial Hazardous Waste ☐ Edwards Aquifer Emissions Inventory Air ☐ Dam Safety Districts ☐ New Source □ PWS ☐ OSSF Petroleum Storage Tank Municipal Solid Waste Review Air Storm Water Title V Air Tires Used Oil Sludge Other: ■ Water Rights ☐ Voluntary Cleanup ■ Wastewater Agriculture **SECTION IV: Preparer Information** 41. Title: Project Engineer 40. Name: Ashraya Upadhyaya 43. Ext./Code 44. Fax Number 45. E-Mail Address 42. Telephone Number None aupadhyaya@jawastewater.com) 100 (903)414-0307 SECTION V: Authorized Signature 46. By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 6 and/or as required for the updates to the ID numbers identified in field 39. Job Title: President Company: South Fork Ranch Municipal Utility District Eduardo Mendoza Phone: (512)518-2424 Name (In Print): 11-18-24 Signature: ged for Date:

English Plain Language Summary

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

South Fork Ranch Municipal Utility District proposes to expand Flora Wastewater Treatment Facility (WWTF) from its existing activated sludge plant into a membrane bioreactor (MBR) system consisting of several process trains. The facility is located approximately 4,650 feet west of the intersection of County Road 160 and County Road 101.

This application is to amend the existing permit in order to dispose a daily average flow not to exceed 850,000 gallons per day of treated domestic wastewater via three discharge points. The existing discharge of 0.5 MGD flows into Segment 1244C, South Fork of Mustang Creek. The proposed discharge of 0.23 MGD will flow into a tributary of South Fork of Mustang Creek. The proposed discharge of 0.12 MGD will flow into an unnamed tributary then to South Fork of Mustang Creek. Altogether, the treated effluent will be conveyed to Mustang Creek, thence to Brushy Creek in Segment No. 1244 of the Brazos River Basin.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD5), total suspended solids (TSS), ammonia nitrogen (NH3-N), and Escherichia coli. Domestic wastewater will be treated by an MBR, and the system will have a primary screen, equalization tank, multiple process trains consisting of anoxic, aeration, membrane zones, and sludge holding tanks. The facility will utilize UV or chlorine disinfection. In addition, the facility includes temporary storage that equals to at least three days of the daily average flow.

Spanish Plain Language Summary

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 exige 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 federal. representaciones ejecutables de la solicitud de permiso.

South Fork Ranch Municipal Utility District propone ampliar la instalación de tratamiento de aguas residuales Flora (WWTF) de su planta de lodos activados existente a un sistema de biorreactor de membrana (MBR) que consta de varios trenes de proceso. La instalación está ubicada aproximadamente a 4,650 pies al oeste de la intersección de County Road 160 y County Road 101.

Esta solicitud es para modificar el permiso existente para eliminar un flujo promedio diario que no exceda los 850,000 galones por día de aguas residuales domésticas tratadas a través de tres puntos de descarga. La descarga existente de 0,5 MGD desemboca en el Segmento 1244C, South Fork de Mustang Creek. La descarga propuesta de 0,23 MGD fluirá hacia un afluente de South Fork de Mustang Creek. La descarga propuesta de 0,12 MGD fluirá hacia un afluente sin nombre y luego hacia South Fork de Mustang Creek. En total, el efluente tratado se transportará a Mustang Creek y de allí a Brushy Creek en el segmento n.º 1244 de la cuenca del río Brazos.

Se espera que las descargas de la instalación contengan demanda bioquímica de oxígeno carbonoso (CBOD5) de cinco días, sólidos suspendidos totales (SST), nitrógeno amoniacal (NH3-N) y Escherichia coli. Las aguas residuales domésticas serán tratadas mediante un MBR y el sistema tendrá una pantalla primaria, un tanque de ecualización, múltiples trenes de proceso que constan de zonas anóxicas, de aireación, de membrana y tanques de retención de lodos. La instalación utilizará desinfección con UV o cloro. Además, la instalación incluye almacenamiento temporal que equivale al menos a tres días del caudal medio diario.

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:
 - o periodically inspected by the TCEQ; or
 - o located in another state and is accredited or inspected by that state; or
 - o performing work for another company with a unit located in the same site; or
 - o 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: Eduardo Mendoza - South Fork Ranch Municipal Utility Distict

Title: President

Signature

Page 18 of 31

Leah Whallon

From: Ash Upadhyaya <aupadhyaya@jawastewater.com>

Sent: Friday, October 11, 2024 2:35 PM

To: Leah Whallon

Cc: Jamie Miller; Janela Revilla

Subject: Re: Application to Renew Permit No. WQ0015998001; Hutto 525 Development Partners

LP; Flora WWTF

Attachments: 2024.10.11_NOD_Reponses.pdf; Admin Report Page 2 and 8.pdf; Affected Land Owner

Map.pdf; Affected Landowner Mailing Labels.docx; Public Involvement Plan.pdf;

Municipal Discharge Amendment Spanish NORI_JA.docx

Follow Up Flag: Follow up Flag Status: Flagged

Good afternoon, Leah,

Please find response to NOD.

Please let me know if you have any questions.

Thanks, Ash



Ashraya Upadhyaya, M.S Project Engineer JA Wastewater, LLC 903-414-0307 aupadhyaya@jawastewater.com

From: Leah Whallon < Leah. Whallon@Tceq. Texas. Gov>

Sent: Thursday, October 10, 2024 2:02 PM

To: Ash Upadhyaya <aupadhyaya@jawastewater.com>

Cc: Jamie Miller < jmiller@jawastewater.com>

Subject: Application to Renew Permit No. WQ0015998001; Hutto 525 Development Partners LP; Flora WWTF

Good Afternoon,

Please see the attached Notice of Deficiency letter dated October 10, 2024 requesting additional information needed to declare the application administratively complete. Please send the complete response by October 24, 2024.

Please let me know if you have any questions.

Thank you,



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

Jon Niermann, *Chairman*Bobby Janecka, *Commissioner*Catarina R. Gonzales, *Commissioner*Kelly Keel, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

October 10, 2024

Mr. Ashraya Upadhyaya Project Engineer JA Wastewater 5765 Fig Way Arvada, Colorado 80002

RE: Application to Amend Permit No.: WQ0015998001 (EPA I.D. No. TX0141321)

Applicant Name: Hutto 525 Development Partners LP (CN605893288)

Site Name: Flora WWTF (RN111266722)

Type of Application: Major amendment (without renewal)

VIA EMAIL

Dear Mr. Upadhyaya:

We have received the application for the above referenced permit, and it is currently under review. Your attention to the following item(s) are requested before we can declare the application administratively complete. Please submit responses to the following items via email.

1. Core Data Form, Section III, Item 22
The name of the facility on record and in the Administrative Report is Flora WWTF. Please confirm if the applicant is requesting to change the facility name or provide a revised page.

Yes the name will be "Flora WWTF".

2. Administrative Report 1.0, Section 2.b

Please confirm if the facility is active. Our records indicate the facility is currently inactive. If the status has changed, please send Notice of Completion form TCEQ-20007. If the facility is inactive, please provide a revised page with the status as inactive.

The facility is inactive. Please see revised Admin Report form.

3. Administrative Report 1.0, Section 8.G

The public involvement plan (PIP) form is incomplete. At a minimum, Sections 1 and should be fully completed. Please provide the revised PIP form. Williamson County is in the Austin MSA.

Please see updated PIP form.

4. Administrative Report 1.0, Section 10.E

Information for the owner of the effluent disposal site is included, but the current permit and application do not indicate any proposed disposal of effluent. Please confirm if disposal is proposed or provide a revised page.

There is no effluent disposal site included. Please see revised Admin Report form.

5. Administrative Report 1.1, Section 1
The affected landowner map does not include the landowners for one mile downstream of the existing outfall. Please provide a revised landowner map that also includes the downstream landowners from the existing outfall. Please also provide an updated cross reference landowner list and the updated landowner list formatted for mailing labels (Avery 5160) in a Microsoft Word document.

Please see updated Affected Landowner Map, list, and mailing labels.

6. The following is a portion of the NORI which contains information relevant to your application. Please read it carefully and indicate if it contains any errors or omissions. The complete notice will be sent to you once the application is declared administratively complete.

APPLICATION. Hutto 525 Development Partners LP, 10235 West Little York Road, Suite 300, Houston, Texas 77040, has applied to the Texas Commission on Environmental Quality (TCEQ) to amend Texas Pollutant Discharge Elimination System (TPDES) Permit No. WO0015998001 (EPA I.D. No. TX0141321) to authorize expansion of the treatment facility site, increase to the discharge of treated wastewater to a volume not to exceed a combined total daily average flow of 850,000 gallons per day and the addition of two outfalls. The domestic wastewater treatment facility is located approximately 0.8 miles west of the intersection of County Road 101 and County Road 160, near the city of Hutto, in Williamson County, Texas 76574. The discharge route is from the plant site via Outfall 001 to Mustang Creek, thence to Brushy Creek; via proposed Outfall 002 to an unnamed tributary, thence to Mustang Creek, thence to Brushy Creek; and via proposed Outfall 003 to South Fork Mustang Creek, thence to Mustang Creek, thence to Brushy Creek (pending RWA). TCEQ received this application on September 30, 2024. The permit application will be available for viewing and copying at Hutto Public Library, 500 West Live Oak Street, Hutto, in Williamson 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=-97.5105,30.582994&level=18

Further information may also be obtained from Hutto 525 Development Partners LP at the address stated above or by calling Mr. Ashraya Upadhyaya, JA Wastewater, at 903-414-0307.

This is correct.

7. The application indicates that public notices in Spanish are required. After confirming the portion of the NORI above does not contain any errors or omissions, please use the attached template to translate the NORI into Spanish. Only the first and last paragraphs are unique to this application and require translation. Please provide the translated Spanish NORI in a Microsoft Word document.

Please see attached Spanish translation.

Please submit the complete response, addressed to my attention by October 24, 2024. If you should have any questions, please do not hesitate to contact me by phone at (512) 239-0084 or by email at leah.whallon@tceq.texas.gov

THE TONMENTAL OUTE

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

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

Section 1. Application Fees (Instructions Page 26)

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

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

Minor Amendment (for any flow) \$150.00 □

Mailed Check/Money Order Number:

Check/Money Order Amount:

Name Printed on Check:

EPAY Voucher Number:

Copy of Payment Voucher enclosed? Yes \boxtimes

Section 2. Type of Application (Instructions Page 26)

a.	Che	ck the box next to the appropriate authorization type.
		Publicly-Owned Domestic Wastewater
	\boxtimes	Privately-Owned Domestic Wastewater
		Conventional Wastewater Treatment

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

Active	\boxtimes	Inactive

E.	Owner of effluent disposal site:	
	Prefix: <u>N/A</u>	Last Name, First Name: <u>N/A</u>
	Title: <u>N/A</u>	Credential: <u>N/A</u>
	Organization Name: <u>N/A</u>	
	Mailing Address: <u>N/A</u>	City, State, Zip Code: <u>N/A</u>
	Phone No.: <u>N/A</u>	E-mail Address: <u>N/A</u>
	If the landowner is not the same agreement or deed recorded ease	person as the facility owner or co-applicant, attach a lease ement. See instructions.
	Attachment: <u>N/A</u>	
F.	Owner sewage sludge disposal si property owned or controlled by	te (if authorization is requested for sludge disposal on the applicant)::
	Prefix: <u>N/A</u>	Last Name, First Name: <u>N/A</u>
	Title: <u>N/A</u>	Credential: <u>N/A</u>
	Organization Name: <u>N/A</u>	
	Mailing Address: <u>N/A</u>	City, State, Zip Code: <u>N/A</u>
	Phone No.: <u>N/A</u>	E-mail Address: <u>N/A</u>
	If the landowner is not the same agreement or deed recorded ease	person as the facility owner or co-applicant, attach a lease ement. See instructions.
	Attachment: <u>N/A</u>	
Se	ection 10. TPDES Dischar	ge Information (Instructions Page 31)
A.	Is the wastewater treatment facil	ity location in the existing permit accurate?
	□ Yes ⊠ No	
	If no , or a new permit application WWTF is located approximately 4, County Road 101.	on, please give an accurate description: 650 feet west of the intersection of County Road 160 and
B.	Are the point(s) of discharge and	the discharge route(s) in the existing permit correct?
	□ Yes ⊠ No	
	point of discharge and the discharge TAC Chapter 307: The existing discharge of 0.5 MGD proposed discharge of 0.23 MGD was proposed discharge of 0.12 MGD w	ermit application, provide an accurate description of the arge route to the nearest classified segment as defined in 30 flows into Segment 1244C, South Fork of Mustang Creek. The will flow into a tributary of South Fork of Mustang Creek. The ill flow into an unnamed tributary then to South Fork of atted effluent will be conveyed to Mustang Creek, thence to of the Brazos River Basin.

Attachment: N/A

City nearest the outfall(s): <u>Hutto</u>

Public Involvement Plan Form for Permit and Registration Applications

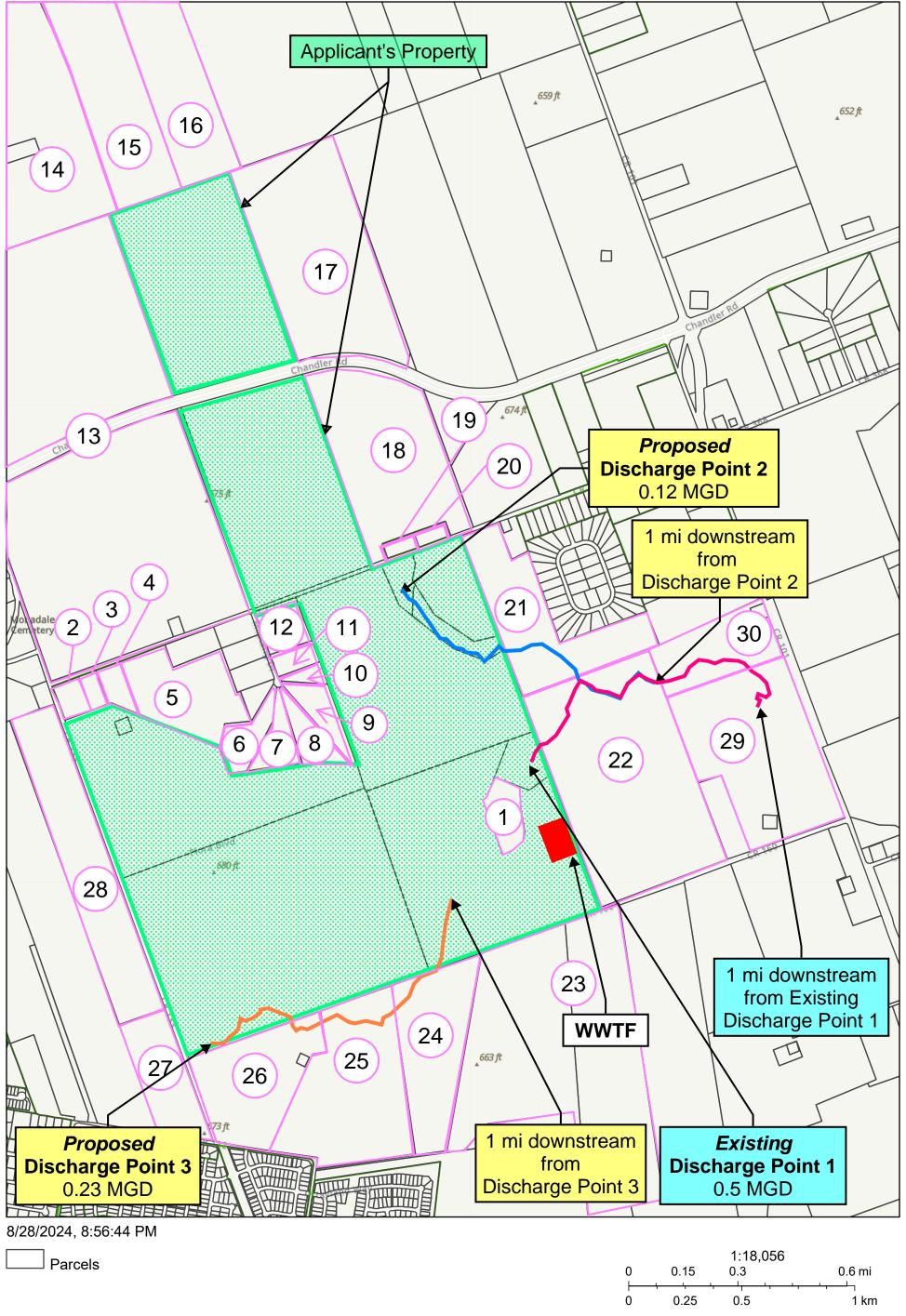
The Public Involvement Plan is intended to provide applicants and the agency with information about how public outreach will be accomplished for certain types of applications in certain geographical areas of the state. It is intended to apply to new activities; major changes at existing plants, facilities, and processes; and to activities which are likely to have significant interest from the public. This preliminary screening is designed to identify applications that will benefit from an initial assessment of the need for enhanced public outreach.

All applicable sections of this form should be completed and submitted with the permit or registration application. For instructions on how to complete this form, see TCEQ-20960-inst.

Section 1. Preliminary Screening
New Permit or Registration Application New Activity – modification, registration, amendment, facility, etc. (see instructions)
If neither of the above boxes are checked, completion of the form is not required and does not need to be submitted.
Section 2. Secondary Screening
Requires public notice, Considered to have significant public interest, and Located within any of the following geographical locations: Austin Dallas Fort Worth Houston San Antonio West Texas Texas Panhandle Along the Texas/Mexico Border Other geographical locations should be decided on a case-by-case basis
If all the above boxes are not checked, a Public Involvement Plan is not necessary. Stop after Section 2 and submit the form.
Public Involvement Plan not applicable to this application. Provide brief explanation. This project is not considered to have significant public interest.

TCEQ-20960 (02-09-2023)

Flora WWTF - Affected Land Owner Map



Esri Community Maps Contributors, Baylor University, City of Austin, County of Williamson, Texas Parks & Wildlife, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS



AFFECTED LANDOWNER LIST

Map Label	Address Source:	Williamson Central Appraisal District Map (wcad.org)	On Aug 29, 2024
·	Property ID Number	Owner Name	Mailing Address
1	R620775	MABERRY, JOHN STEWART ET AL	2505 ALLSTON LN AUSTIN,TX 78746
2	R307187	GLASS,CASEY JOHN & CASANDRA LEE	50 COUNTY ROAD 394 HUTTO,TX 78634
3	R307186	PATSCHKE REUBEN L AND	50 COUNTY ROAD 394 HUTTO,TX 78634-3212
4	R307185	PATSCHKE, NEAL ALLAN & HEATHER NICOLE	100 COUNTY ROAD 394 HUTTO,TX 78634-3212
5	R020969	KLEPZIG, STEPHEN & DONNA L	280 COUNTY ROAD 394 HUTTO,TX 78634-3212
6	R314004	CHALMERS, PHILIP & SUZANNE	150 MUSTANG DR,HUTTO,TX 78634
7	R314000	TRUSTEES OF BYRON AND JOANNE MCDANIEL TRUST	200 MUSTANG DR HUTTO, TX 78634
8	R313997	HARTMAN, DAVID A & ANGELA	201 MUSTANG DR HUTTO, TX 78634-4425
9	R313994	FAULK, ROBIN WEISS TRUSTEE OF THE ROBIN WEISS FAULK TRUST	151 MUSTANG DR HUTTO, TX 78634
10	R313990	BLAKELY,CODY & GINA PICCINNI	115 MUSTANG DR HUTTO, TX 78634
11	R313988	HODDE, FRITZ E & BETTY L	101 MUSTANG DR HUTTO, TX 78634
12	R313981	URBAN, CLARA	51 MUSTANG DR HUTTO, TX 78634-4423
13	R509946,R020975	FUESSEL HOLDINGS LLC	11255 HWY 79 TAYLOR, TX 76574
14	R356504	COPELAND, WELDON R & CAROLYN A	PO BOX 670 HUTTO, TX 78634-0670
15	R020384	COPELAND, WELDON R	PO BOX 670 HUTTO, TX 78634-0670
16	R364687	NOREN, CHRISTY	3711 COUNTY ROAD 100 HUTTO,TX 78634-3011
17	R512912	DOVANTEX LLC	157 LADY BIRD LN GEORGETOWN,TX 78628-6002
18	R516420	SANCHEZ, MINERVA G	1161 COUNTY ROAD 394 HUTTO,TX 78634
19	R594464	NUNEZ,ISRAEL & GABRIELA TINAJERO RESENDIZ	1001 COUNTY ROAD 394 HUTTO,TX 78634-2446
20	R594465	SANCHEZ, GUADALUPE R	2400 SMITH AVE TAYLOR,TX 76574-1461
21	R096169	CARRILLO,GUILLERMO & ALMA	50302 EAGLE TRACE DR GEORGETOWN,TX 78626-6205
22	R020973	VITTEK, EVELYN M TRUSTEE OF THE VITTEK RESIDUARY TRUST	8002 BURRELL DR AUSTIN, TX 78757-8335
23	R578084,R020320	CIVITAS AT HUTTO LLC	5599 SAN FELIPE #STE 565 HOUSTON, TX 77056
24	R020314	HUTTO CR 132 VENTURES LLC	101 PARKLANE BLVD STE 102 SUGAR LAND, TX 77478-5521
25	R020324	MURPHY ALVIN TOMAS ESTATE	1326 CR 3376 KEMPNER,TX 76539
26	R020313	ESTATES OF HUTTO LLC	1717 MCKINNEY AVE #STE 1590 DALLAS, TX 75202
27	R020380	WALKER, CHARLES MERVIN	11568 PENDLETON TROY RD TROY, TX 76579
28	R619629	GRBK EDGEWOOD LLC & MERITAGE HOMES OF TEXAS LLC	5501 HEADQUARTERS DR #STE 300W PLANO,TX 75024
29	R020989	RANDIG, JUNEVA W	200 COUNTY ROAD 16 TAYLOR, TX 76574
30	R020961	BARRON, JEFFREY LYNN	49 SECOND NORTH RD BIG PINEY WY, 83113

MABERRY JOHN STEWART ET AL GLASS CASEY JOHN & CASANDRA LEE PATSCHKE REUBEN L AND 2505 ALLSTON LN 50 COUNTY ROAD 394 50 COUNTY ROAD 394 **AUSTIN TX 78746 HUTTO TX 78634** HUTTO TX 78634-3212 PATSCHKE NEAL ALLAN & HEATHER NICOLE KLEPZIG STEPHEN & DONNA L **CHALMERS PHILIP & SUZANNE** 100 COUNTY ROAD 394 150 MUSTANG DR HUTTO TX 280 COUNTY ROAD 394 HUTTO TX 78634-3212 HUTTO TX 78634-3212 **HUTTO TX 78634** TRUSTEES OF BYRON AND JOANNE HARTMAN DAVID A & ANGELA FAULK ROBIN WEISS TRUSTEE OF THE ROBIN MCDANIEL TRUST WEISS FAULK TRUST 201 MUSTANG DR 200 MUSTANG DR 151 MUSTANG DR HUTTO TX 78634 HUTTO TX 78634-4425 **HUTTO TX 78634 HUTTO TX 78634 BLAKELY CODY & GINA PICCINNI** HODDE FRITZ E & BETTY L **URBAN CLARA** 115 MUSTANG DR 101 MUSTANG DR 51 MUSTANG DR **HUTTO TX 78634 HUTTO TX 78634** HUTTO TX 78634-4423 FUESSEL HOLDINGS LLC COPELAND WELDON R & CAROLYN A COPELAND WELDON R 11255 HWY 79 **PO BOX 670** PO BOX 670 TAYLOR TX 76574 HUTTO TX 78634-0670 HUTTO TX 78634-0670 NOREN CHRISTY **DOVANTEX LLC** SANCHEZ MINERVA G 3711 COUNTY ROAD 100 157 LADY BIRD LN 1161 COUNTY ROAD 394 HUTTO TX 78634-3011 **GEORGETOWN TX 78628-6002 HUTTO TX 78634** NUNEZ ISRAEL & GABRIELA TINAJERO SANCHEZ GUADALUPE R CARRILLO GUILLERMO & ALMA RESENDIZ 2400 SMITH AVE 50302 EAGLE TRACE DR 1001 COUNTY ROAD 394 TAYLOR TX 76574-1461 **GEORGETOWN TX 78626-6205** HUTTO TX 78634-2446 VITTEK EVELYN M TRUSTEE OF THE VITTEK **HUTTO CR 132 VENTURES LLC** MURPHY ALVIN TOMAS ESTATE RESIDUARY TRUST 101 PARKLANE BLVD STE 102 1326 CR 3376 8002 BURRELL DR SUGAR LAND TX 77478-5521 KEMPNER TX 76539 AUSTIN TX 78757-8335 CIVITAS AT HUTTO LLC WALKER CHARLES MERVIN GRBK EDGEWOOD LLC & MERITAGE HOMES OF TEXAS LLC 5599 SAN FELIPE #STE 565 11568 PENDLETON TROY RD 5501 HEADQUARTERS DR #STE 300W **HOUSTON TX 77056 TROY TX 76579 PLANO TX 75024**

ESTATES OF HUTTO LLC RANDIG JUNEVA W BARRON JEFFREY LYNN

1717 MCKINNEY AVE #STE 1590 200 COUNTY ROAD 16 49 SECOND NORTH RD

DALLAS TX 75202 TAYLOR TX 76574 BIG PINEY WY 83113

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 MODIFICACION

PERMISO NO. WQoo

SOLICITUD. Hutto 525 Development Partners LP, 10235 West Little York Road, Suite 300, Houston, Texas 77040, ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para modificar el Permiso No. WQ0015998001 (EPA I.D. No. TX0141321) 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 850,000 galones por día. La planta está ubicada aproximadamente o,8 millas al oeste de la intersección de County Road 101 y County Road 160, cerca de la ciudad de Hutto, en el condado de Williamson, Texas 76574. La ruta de descarga es del sitio de la planta a Emisario 001 a Mustang Creek, de allí a Brushy Creek; a través de propuso el emisario 002 a un afluente sin nombre, de allí a Mustang Creek, de allí a Brushy Arroyo; y a través del desagüe propuesto 003 hasta South Fork Mustang Creek, de allí a Mustang Creek, de allí a Brushy Creek (pendiente de RWA). La TCEQ recibió esta solicitud el 30 de septiembre de 2024. La solicitud para el permiso estará disponible para leerla y copiarla en Biblioteca pública Hutto, 500 West Live Oak Street, Hutto, en el condado de Williamson, Texas antes de la fecha de publicación de este aviso en el periódico. Este enlace a un mapa electrónico de la ubicación general del sitio o de la instalación es proporcionado como una cortesía y no es parte de la solicitud o del aviso. Para la ubicación exacta, consulte la solicitud.

https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications.

[Include the following non-italicized sentence if the facility is located in the Coastal Management Program boundary and is an application for a major amendment which will increase the pollutant loads to coastal waters or would result in relocation of an outfall to a critical areas, or a renewal with such a major amendment. The Coastal Management Program boundary is the area along the Texas Coast of the Gulf of México as depicted on the map in 31 TAC §503.1 and includes part or all of the following counties: Cameron, Willacy, Kenedy, Kleberg, Nueces, San Patricio, Aransas, Refugio, Calhoun, Victoria, Jackson, Matagorda, Brazoria, Galveston, Harris, Chambers, Jefferson y Orange. If the application is for amendment that does ot meet the above description, do not include the sentence: 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 del CMP.

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.

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 específico. 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 Hutto 525 Development Partner LP a la dirección indicada arriba o llamando a Ashraya Upadhyaya, JA Wastewater al 903-414-0307.

Fecha de emisión _		[Date	notice	issue	d
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Mara Guerin

From: Jamie Miller <jmiller@jawastewater.com>

Sent: Friday, March 14, 2025 11:55 AM

To: Mara Guerin
Cc: Janela Revilla

Subject: RE: TCEQ permit application WQ0015998001

Follow Up Flag: Follow up Flag Status: Follow up

Got it. Thank you very much for the update.

Jamie L Miller, PE 970-443-9096

From: Mara Guerin < Mara.Guerin@tceq.texas.gov>

Sent: Friday, March 14, 2025 9:30 AM

To: Jamie Miller < jmiller@jawastewater.com>

Subject: RE: TCEQ permit application WQ0015998001

Hi Jamie,

The proposed limits were adequate for the interim I and II phases but not for the interim III and final phase. For those phases, a 5 mg/L cbod, 1 mg/L ammonia-nitrogen and 6.0 mg/L dissolved oxygen was necessary to meet criteria.

Another difference I found in Josi's review was that she used an assumed dissolved oxygen criteria for South Fork Mustang Creek of 3.0 mg/L, but the actual criteria provided by the Standards team was 5.0 mg/L

Hope that clarifies things,

Mara

From: Jamie Miller < imiller@jawastewater.com>

Sent: Friday, March 14, 2025 10:19 AM

To: Mara Guerin < Mara.Guerin@tceq.texas.gov Subject: RE: TCEQ permit application WQ0015998001

Hi Mara -

Thank you very much for the update. Do you think we will still be ok with the proposed limits?

Thanks

Jamie L Miller, PE 970-443-9096 From: Mara Guerin < Mara.Guerin@tceq.texas.gov>

Sent: Friday, March 14, 2025 8:29 AM

To: Jamie Miller < jmiller@jawastewater.com>

Subject: RE: TCEQ permit application WQ0015998001

Hi Jamie,

Thank you for your flexibility. With the remaining 0.13 MGD routed to outfall 002, I was able to model achievable limits. I will be sending my memo over to peer review today.

Also, if you were interested, I took a look at Josi's model and saw that hers didn't include the on channel pond that has been causing me issues. Please let me know if you have any questions regarding this.

Best, Mara

From: Jamie Miller < miller@jawastewater.com Sent: Wednesday, March 12, 2025 5:11 PM

To: Mara Guerin < Mara.Guerin@tceq.texas.gov >; Ash Upadhyaya < aupadhyaya@jawastewater.com >

Subject: RE: TCEQ permit application WQ0015998001

Yes, absolutely.

Josie had done a review when she was that the TCEQ and so that is what we went with. We can discharge where makes the most sense.

Thanks so much and we are happy to get on a call to discuss if that helps.

Thanks,

Jamie L Miller, PE 970-443-9096

From: Mara Guerin < Mara.Guerin@tceq.texas.gov>

Sent: Wednesday, March 12, 2025 3:18 PM

To: Ash Upadhyaya <aupadhyaya@jawastewater.com>; Jamie Miller <jmiller@jawastewater.com>

Subject: TCEQ permit application WQ0015998001

Hello,

I hope you are having a good week. I am writing today to discuss some preliminary results of my dissolved oxygen modeling review for the proposed major amendment for WQ0015998001. I have found there to be no achievable effluent limits that meet water quality criteria I can suggest for the final flow phase of 0.85 MGD. This is primarily due to there being an on channel pond near outfall 003 along South Fork Mustang Creek, which has the high aquatic life use dissolved oxygen criteria of 5.0 mg/L. The 0.60 MGD flow phase met criteria, with 0.1 MGD being discharged from outfall 003. Is there any way the remaining 0.13 MGD in the final phase can be routed from outfall 003 to either outfall 001 or outfall 002? I believe I could find and effluent set that would meet criteria in this way.

Please let me know if you have any questions. I look forward to hearing from you and will proceed with my review upon receiving your updated information.

Best, Mara Guerin Modeling & Assessment Specialist Water Quality Assessment 512-239-4532 she/her/hers





TPDES PERMIT NO. WQ0015998001 [For TCEQ office use only - EPA I.D. No. TX0141321]

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

This major amendment without renewal supersedes and replaces TPDES Permit No. WQ0015998001 issued on July 29, 2022.

PERMIT TO DISCHARGE WASTES

under provisions of Section 402 of the Clean Water Act and Chapter 26 of the Texas Water Code

South Fork Municipal Utility District

whose mailing address is

919 Congress Avenue, Suite 1500 Austin, Texas 78701

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

located approximately 0.8 miles west of the intersection of County Road 101 and County Road 160, in Williamson County, Texas 76574

via Outfall 001 to Mustang Creek; via Outfall 002 to an unnamed tributary, thence to Mustang Creek; via Outfall 003 to South Fork Mustang Creek, thence to two unnamed impoundments, thence to Mustang Creek, thence all to Brushy Creek in Segment No. 1244 of the Brazos 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, July 29, 2027 .	
ISSUED DATE:	
	For the Commission

INTERIM I EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Outfall Number 001

1. During the period beginning upon the date of issuance and lasting through the completion of expansion to the 0.40 million gallons per day (MGD) facility, the permittee is authorized to discharge subject to the following effluent limitations:

The daily average flow of effluent shall not exceed 0.20 MGD, nor shall the average discharge during any two-hour period (2-hour peak) exceed 556 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. Measurement Frequency	& Max. Single Grab Sample Type
Flow, MGD	Report	N/A	Report	N/A	Continuous	Totalizing Meter
Carbonaceous Biochemical Oxygen Demand (5-day)	10 (17)	15	25	35	One/week	Grab
Total Suspended Solids	15 (25)	25	40	60	One/week	Grab
Ammonia Nitrogen	2 (3.3)	5	10	15	One/week	Grab
Total Phosphorus	0.5 (0.83)	1	2	3	One/week	Grab
<i>E. coli</i> , 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.

INTERIM II EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Outfall Number 001

1. During the period beginning upon the completion of expansion to the 0.40 million gallons per day (MGD) facility and lasting through the completion of expansion to the 0.60 MGD facility, the permittee is authorized to discharge subject to the following effluent limitations:

The daily average flow of effluent shall not exceed 0.40 MGD, nor shall the average discharge during any two-hour period (2-hour peak) exceed 1,111 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. Measurement Frequency	& Max. Single Grab Sample Type
Flow, MGD	Report	N/A	Report	N/A	Continuous	Totalizing Meter
Carbonaceous Biochemical Oxygen Demand (5-day)	10 (34)	15	25	35	One/week	Grab
Total Suspended Solids	15 (50)	25	40	60	One/week	Grab
Ammonia Nitrogen	2 (6.7)	5	10	15	One/week	Grab
Total Phosphorus	0.5 (1.67)	1	2	3	One/week	Grab
<i>E. coli</i> , 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.

INTERIM III EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Outfall Number 001 and 003

1. During the period beginning upon the completion of expansion to the 0.85 million gallons per day (MGD) facility 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 0.60 MGD, nor shall the average discharge during any two-hour period (2-hour peak) exceed 1,667 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 Measurement Frequency	g. & Max. Single Grab Sample Type
Flow, MGD	Report	N/A	Report	N/A	Continuous	Totalizing Meter
Carbonaceous Biochemical Oxygen Demand (5-day)	5 (25)	10	20	30	One/week	Composite
Total Suspended Solids	5 (25)	10	20	30	One/week	Composite
Ammonia Nitrogen	2 (10)	5	10	15	One/week	Composite
Total Phosphorus	0.5 (2.5)	1	2	3	One/week	Composite
<i>E. coli</i> , colony-forming units or most probable number per 100 ml	126	N/A	399	N/A	Two/month	Grab

(*) The combined flow for Outfalls 001, and 003 shall not exceed 0.60 MGD.

- 2. The effluent shall contain a total chlorine residual of at least 1.0 mg/l after a detention time of at least 20 minutes (based on peak flow) and shall be monitored daily by grab sample. The permittee shall dechlorinate the chlorinated effluent to less than 0.1 mg/l total chlorine residual and shall monitor total chlorine residual daily by grab sample after the dechlorination process. 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 twice 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 6.0 mg/l and shall be monitored once per week by grab sample.

FINAL EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Outfall Number 001, 002, and 003

1. During the period beginning upon the completion of expansion to the 0.85 million gallons per day (MGD) facility 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 0.85 MGD, nor shall the average discharge during any two-hour period (2-hour peak) exceed 2,361 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 Ava Measurement Frequency	g. & Daily Max. Sample Type
Flow, MGD	Report	N/A	Report	N/A	Continuous	Totalizing Meter
Carbonaceous Biochemical Oxygen Demand (5-day)	5 (36)	10	20	30	One/week	Composite
Total Suspended Solids	5 (36)	10	20	30	One/week	Composite
Ammonia Nitrogen	2 (15)	5	10	15	One/week	Composite
Total Phosphorus	0.5 (3.5)	1	2	3	One/week	Composite
<i>E. coli</i> , colony-forming units or most probable number per 100 ml	126	N/A	399	N/A	Two/month	Grab

(*) The combined flow for Outfalls 001, 002 and 003 shall not exceed 0.85 MGD.

- 2. The effluent shall contain a total chlorine residual of at least 1.0 mg/l after a detention time of at least 20 minutes (based on peak flow) and shall be monitored daily by grab sample. The permittee shall dechlorinate the chlorinated effluent to less than 0.1 mg/l total chlorine residual and shall monitor total chlorine residual daily by grab sample after the dechlorination process. 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 twice 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 6.0 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 use or biosolids 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 TCEO 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 μ g/L);
 - ii. Two hundred micrograms per liter (200 μ g/L) for acrolein and acrylonitrile; five hundred micrograms per liter (500 μ g/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 μ g/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 11) 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 11) 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

<u>Pollutant</u>	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:

<u>Alternative 1</u> - 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)(2)(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:

<u>Alternative 2</u> - 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

<u>Alternative 3</u> - 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 \S 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 \S 312.82(a)(2)(C)(iv-vi) for specific information; or

<u>Alternative 4</u> - 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).

<u>Alternative 2</u> - 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.

<u>Alternative 3</u> - 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:

- 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.

- <u>Alternative 1</u> 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 the 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 is 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
PCBs
- once during the term of this permit
- 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

o 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

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

Table 3

	Monthly Average
	Concentration
<u>Pollutant</u>	(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 <u>five years</u>. 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 <u>indefinitely</u>. 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 is 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 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 11) and the Enforcement Division ((MC 224).

- 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 TCEO 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 11) 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 11) and the Enforcement Division (MC 224) of the by September 30th 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 11) and the 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 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 11) and the 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).
- 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 TCEO 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 in the Interim I, and Interim II phases and two/month may be reduced to one/month in the Interim III, and Final phases. 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.
- 6. Prior to construction of the Interim I, Interim II, Interim III, and Final phase treatment facilities, the permittee shall submit to the TCEQ Wastewater Permitting Section (MC 148) a summary transmittal letter in accordance with the requirements in 30 TAC § 217.6(d). If requested by the Wastewater Permitting Section, the permittee shall submit plans and specifications and a final engineering design report which comply with 30 TAC Chapter 217, Design Criteria for Domestic Wastewater Systems. The permittee shall clearly show how the treatment system will meet the permitted effluent limitations required on Page 2, 2a, 2b, and 2c of this permit. A copy of the summary transmittal letter shall be available at the plant site for inspection by authorized representatives of the TCEQ.
- 7. Reporting requirements according to 30 TAC §§ 319.1-319.11 and any additional effluent reporting requirements contained in this permit are suspended from the effective date of the permit until plant startup or discharge from the facility described by this permit, whichever occurs first. The permittee

shall provide written notice to the TCEQ Regional Office (MC Region 11) and the Applications Review and Processing Team (MC 148) of the Water Quality Division in writing at least forty-five days prior to plant startup or anticipated discharge, whichever occurs first, and prior to completion of each additional phase on Notification of Completion Form 20007.

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), 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

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

DESCRIPTION OF APPLICATION

Applicant: South Fork Municipal Utility District;

Texas Pollutant Discharge Elimination System (TPDES) Permit No.

WQ0015998001, EPA I.D. No. TX0141321

Regulated Activity: Domestic Wastewater Permit

Type of Application: Major Amendment without Renewal

Request: Major Amendment without Renewal

Authority: Federal Clean Water Act (CWA) § 402; Texas Water Code § 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 the current expiration date of **July 29**, **2027**.

REASON FOR PROJECT PROPOSED

The applicant has applied to the Texas Commission on Environmental Quality (TCEQ) for an amendment without renewal of the existing permit to authorize an increase in the discharge of treated domestic wastewater from a daily average flow not to exceed 500,000 gallons per day to a daily average flow not to exceed 850,000 gallons per day, to add two additional outfalls 002 and 003, and to add an Interim III (0.60 MGD) phase. The existing wastewater treatment facility will serve the Flora Residential Subdivision.

PROJECT DESCRIPTION AND LOCATION

The Flora Wastewater Treatment Facility will be an activated sludge package plant operated in the single stage nitrification mode. Treatment units in the Interim I phase will include a bar screen, two equalization basins, two aeration basins, a final clarifier, two sludge digesters, and a chlorine contact chamber. Treatment units in the Interim II phase will include a bar screen, four equalization basins, four aeration basins, two final clarifiers, four sludge digesters, and two chlorine contact chambers. Treatment units in the Interim III phase will include a bar screen, six equalization basins, six aeration basins, three final clarifiers, six sludge digesters, and three chlorine contact chambers. Treatment units in the Final phase will include a bar screen, eight equalization basins, eight aeration basins, four final clarifiers, eight sludge digesters, and four chlorine contact chambers. The facility has not been constructed.

The draft permit authorizes the disposal of sludge at a TCEQ-authorized land application site, codisposal landfill, wastewater treatment facility, or facility that further processes sludge.

The plant site will be located approximately 0.8 miles west of the intersection of County Road 101 and County Road 160, in Williamson County, Texas 76574.

Outfall Location:

Outfall Number	Latitude	Longitude
001	30.586569 N	97.511474 W
002	30.592500 N	97.517172 W
003	30.575089 N	97.526097 W

The treated effluent will be discharged via Outfall 001 to Mustang Creek; via Outfall 002 to an unnamed tributary, thence to Mustang Creek; and via Outfall 003 to South Fork Mustang Creek, thence to two unnamed impoundments, thence to Mustang Creek, thence all to Brushy Creek in Segment No. 1244 of the Brazos River Basin. The unclassified receiving water uses are minimal aquatic life use for the unnamed tributary, intermediate aquatic life use for Mustang Creek, limited aquatic life use for South Fork Mustang Creek, and high aquatic life use for unnamed impoundments. The designated uses for Segment No. 1244 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. In accordance with 30 Texas Administrative Code §307.5 and TCEQ's Procedures to Implement the Texas Surface Water Quality Standards (June 2010), an antidegradation review of the receiving waters was performed. A Tier 1 antidegradation review has preliminarily determined that existing water quality uses will not be impaired by this permit action. Numerical and narrative criteria to protect existing uses will be maintained. A Tier 2 review has preliminarily determined that no significant degradation of water quality is expected in Mustang Creek or the unnamed impoundments, which has been identified as having intermediate and high aquatic life use, respectively. Existing uses will be maintained and protected. The preliminary determination can be reexamined and may be modified if new information is received.

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 proposed effluent limitations are not contained in the approved WQMP. However, these limits will be included in the next WQMP update.

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

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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. 1244 is currently listed on the State's inventory of impaired and threatened waters (2022 CWA § 303(d) list). The listing is for elevated bacteria levels from the confluence of the San Gabriel River upstream to the confluence of Mustang Creek [Assessment Unit (AU) 1244_01)] and from the confluence of Cottonwood Creek upstream to the confluence of Lake Creek (AU 1244_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 added to the draft permit.

SUMMARY OF EFFLUENT DATA

Self-reporting data is not available since the facility is not in operation.

DRAFT PERMIT CONDITIONS

The draft permit authorizes a discharge of treated domestic wastewater at an Interim volume not to exceed a daily average flow of 0.20 MGD, an Interim II volume not to exceed a daily average flow of 0.40 MGD, an Interim III volume not to exceed a daily average flow of 0.60 MGD, and a Final volume not to exceed a daily average flow of 0.85 MGD.

The effluent limitations in the Interim I, and Interim II phases of the draft permit, based on a 30-day average, are 10 mg/l five-day carbonaceous biochemical oxygen demand (CBOD₅), 15 mg/l total suspended solids (TSS), 2.0 mg/l ammonia-nitrogen (NH₃-N), 126 colony forming units (CFU) or most probable number (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 effluent limitations in the Interim III and Final phases of the draft permit, based on a 30-day average, are 5 mg/l five-day carbonaceous biochemical oxygen demand (CBOD $_5$), 5 mg/l total suspended solids (TSS), 2.0 mg/l ammonia-nitrogen (NH $_3$ -N), 126 colony forming units (CFU) or most probable number (MPN) of *E. coli* per 100 ml and 6.0 mg/l minimum dissolved oxygen (DO). The effluent shall contain a total chlorine residual of at least 1.0 mg/l after a detention time of at least 20 minutes (based on peak flow). The permittee shall dechlorinate the chlorinated effluent to less than 0.1 mg/l total chlorine residual.

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 draft permit includes Sludge Provisions according to the requirements of 30 TAC Chapter 312, Sludge Use, Disposal, and Transportation. The draft permit 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

The applicant requested effluent limitations in the Interim I phase, based on a 30-day average, of 10 mg/l BOD₅, 12 mg/l TSS, 2.0 mg/l NH₃-N, 126 CFU or MPN of *E. coli* per 100 ml and 4.0 mg/l

minimum DO, and in the Interim II, Interim III, and the Final phases, based on a 30-day average, of 10 mg/l BOD $_5$, 5 mg/l TSS, 3.0 mg/l NH $_3$ -N, 126 CFU or MPN of E. coli per 100 ml and 4.0 mg/l minimum DO. However, based on the Water Quality Assessment review the effluent limitations in the Interim I, and Interim II phases of the draft permit, based on a 30-day average, are 10 mg/l CBOD $_5$, 15 mg/l TSS, 2.0 mg/l NH $_3$ -N, 0.5 mg/l total phosphorus, 126 CFU or MPN of E. coli per 100 ml, and 4.0 mg/l minimum DO. The effluent limitations in the Interim III, and Final phases of the draft permit, based on a 30-day average, are 5.0 mg/l CBOD $_5$, 5.0 mg/l TSS, 2.0 mg/l NH $_3$ -N, 0.5 mg/l total phosphorus, 126 CFU or MPN of E. coli per 100 ml, and 6.0 mg/l minimum DO.

SUMMARY OF CHANGES FROM EXISTING PERMIT

The final permitted flow has been increased from 0.50 MGD to 0.85 MGD, added two additional outfalls 002, and 003, and added an Interim II (0.60 MGD) phase.

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.

Certain accidental discharges or spills of treated or untreated wastewater from wastewater treatment facilities or collection systems owned or operated by a local government may be reported on a monthly basis in accordance with 30 TAC § 305.132.

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 September 30, 2024, and additional information received on October 25, 2024.
- 2. TPDES Permit No. WQ0015998001 issued on July 29, 2022.
- 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.

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- 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

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comments or prepare its own response.

For additional information about this application, contact Abdur Rahim at (512) 239-0504.

Abdur Rahim	July 14, 2025
Abdur Rahim	Date
Municipal Permits Team	
Wastewater Permitting Section (MC 148)	