



# Administrative Package Cover Page

**This file contains the following documents:**

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



# Portada de Paquete Administrativo

**Este archivo contiene los siguientes documentos:**

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

## 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 (CBOD<sub>5</sub>), total suspended solids (TSS), ammonia nitrogen (NH<sub>3</sub>-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. WQ0015998001 (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>.

El aviso de idioma alternativo en español está disponible en

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

**ADDITIONAL NOTICE.** TCEQ's Executive Director has determined the application is administratively complete and will conduct a technical review of the application. After technical review of the application is complete, the Executive Director may prepare a draft permit and will issue a preliminary decision on the application. **Notice of the Application and Preliminary Decision will be published and mailed to those who are on the county-wide mailing list and to those who are on the mailing list for this application. That notice will contain the deadline for submitting public comments.**



**PUBLIC COMMENT / PUBLIC MEETING.** You may submit public comments or request a public meeting on this application. The purpose of a public meeting is to provide the opportunity to submit comments or to ask questions about the application. TCEQ will hold a public meeting if the Executive Director determines that there is a significant degree of public interest in the application or if requested by a local legislator. A public meeting is not a contested case hearing.

**OPPORTUNITY FOR A CONTESTED CASE HEARING.** After the deadline for submitting public comments, the Executive Director will consider all timely comments and prepare a response to all relevant and material, or significant public comments. **Unless the application is directly referred for a contested case hearing, the response to comments, and the Executive Director's decision on the application, will be mailed to everyone who submitted public comments and to those persons who are on the mailing list for this application.** If comments are received, the mailing will also provide instructions for requesting reconsideration of the Executive Director's decision and for requesting a contested case hearing. A contested case hearing is a legal proceeding similar to a civil trial in state district court.

**TO REQUEST A CONTESTED CASE HEARING, YOU MUST INCLUDE THE FOLLOWING ITEMS IN YOUR REQUEST:** your name, address, phone number; applicant's name and proposed permit number; the location and distance of your property/activities relative to the proposed facility; a specific description of how you would be adversely affected by the facility in a way not common to the general public; a list of all disputed issues of fact that you submit during the comment period and, the statement "[I/we] request a contested case hearing." If the request for contested case hearing is filed on behalf of a group or association, the request must designate the group's representative for receiving future correspondence; identify by name and physical address an individual member of the group who would be adversely affected by the proposed facility or activity; provide the information discussed above regarding the affected member's location and distance from the facility or activity; explain how and why the member would be affected; and explain how the interests the group seeks to protect are relevant to the group's purpose.

Following the close of all applicable comment and request periods, the Executive Director will forward the application and any requests for reconsideration or for a contested case hearing to the TCEQ Commissioners for their consideration at a scheduled Commission meeting.

The Commission may only grant a request for a contested case hearing on issues the requestor submitted in their timely comments that were not subsequently withdrawn. **If a hearing is granted, the subject of a hearing will be limited to disputed issues of fact or mixed questions of fact and law relating to relevant and material water quality concerns submitted during the comment period.**

**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](http://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](http://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. Además, puede pedir que la TCEQ ponga su nombre en una o más de las listas de 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 agregue su nombre en una de las listas designe cual lista(s) y envía por correo su pedido a la Oficina del Secretario Principal de la TCEQ.

**INFORMACIÓN DISPONIBLE EN LÍNEA.** Para detalles sobre el estado de la solicitud, favor de visitar la Base de Datos Integrada de los Comisionados en [www.tceq.texas.gov/goto/cid](http://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

## 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



Janela Revilla  
Project Engineer  
JA Wastewater, LLC  
(737) 864-3476  
jrevilla@jawastewater.com

---

**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](mailto:leah.whallon@tceq.texas.gov)

How is our customer service? Fill out our online customer satisfaction survey at  
[www.tceq.texas.gov/customersurvey](http://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](mailto:Leah.Whallon@Tceq.Texas.Gov)>  
**Sent:** Friday, October 25, 2024 11:52 AM  
**To:** Ash Upadhyaya <[aupadhyaya@jawastewater.com](mailto:aupadhyaya@jawastewater.com)>  
**Cc:** Jamie Miller <[jmiller@jawastewater.com](mailto:jmiller@jawastewater.com)>; Janela Revilla <[jrevilla@jawastewater.com](mailto:jrevilla@jawastewater.com)>  
**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,



**Leah Whallon**

Texas Commission on Environmental Quality

Water Quality Division

512-239-0084

[leah.whallon@tceq.texas.gov](mailto:leah.whallon@tceq.texas.gov)

How is our customer service? Fill out our online customer satisfaction survey at  
[www.tceq.texas.gov/customersurvey](http://www.tceq.texas.gov/customersurvey)

---

**From:** Ash Upadhyaya <[aupadhyaya@jawastewater.com](mailto:aupadhyaya@jawastewater.com)>

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

**To:** Leah Whallon <[Leah.Whallon@Tceq.Texas.Gov](mailto:Leah.Whallon@Tceq.Texas.Gov)>

**Cc:** Jamie Miller <[jmiller@jawastewater.com](mailto:jmiller@jawastewater.com)>; Janela Revilla <[jrevilla@jawastewater.com](mailto: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](mailto:aupadhyaya@jawastewater.com)





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**

What is the Permit Number? WQ0015998001

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) Does this permit require implementation of an approved pretreatment program by the POTW?      Yes ☐      No ☒

b) Does this permit have a domestic reclaimed water authorization associated with it?  
**NOTE: The domestic reclaimed water authorization associated with this permit will be cancelled on the same date the transfer took place.** See instructions for more information.

Yes ☐      No ☒

**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: 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: jrevilla@jawastewater.com

#### **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: jrevilla@jawastewater.com

#### **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: 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

**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 ☐                      No ☒

Do you owe any penalties to the TCEQ?    Yes ☐                      No ☒

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

N/A

## 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: Stephen T. Sellers - Hutto 525 Development Partners LP

Title: Authorized Signatory

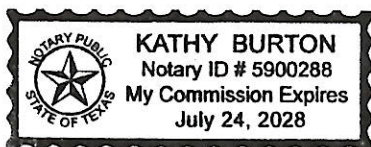
Signature: [Signature] Date: 11/4/2024

SUBSCRIBED AND SWORN to before me by the said STEPHEN T. SELLERS on

this 4TH day of NOVEMBER, 2024

My commission expires on the 24TH day of JULY, 2028

(Seal)



[Signature]  
Notary Public

HARRIS  
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

Title: President

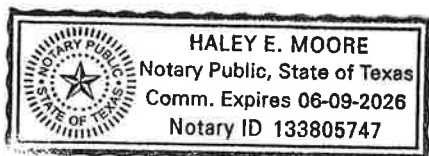
Signature: [Handwritten Signature] Date: 11-18-24

SUBSCRIBED AND SWORN to before me by the said Eduardo Mendoza on

this 18<sup>th</sup> day of November, 20 24

My commission expires on the 9<sup>th</sup> day of June, 20 24

(Seal)



Haley Moore  
Notary Public

Travis  
County, Texas



# 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

<b>1. Reason for Submission</b> (If other is checked please describe in space provided.)		
<input checked="" type="checkbox"/> New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
<input type="checkbox"/> Renewal (Core Data Form should be submitted with the renewal form)		<input type="checkbox"/> Other
<b>2. Customer Reference Number</b> (if issued)	<a href="#">Follow this link to search for CN or RN numbers in Central Registry**</a>	<b>3. Regulated Entity Reference Number</b> (if issued)
CN 604625418		RN 111266722

## SECTION II: Customer Information

<b>4. General Customer Information</b>		<b>5. Effective Date for Customer Information Updates</b> (mm/dd/yyyy)		10/29/24	
<input type="checkbox"/> New Customer <input checked="" type="checkbox"/> Update to Customer Information <input type="checkbox"/> Change in Regulated Entity Ownership					
<input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)					
<i>The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).</i>					
<b>6. Customer Legal Name</b> (If an individual, print last name first: eg: Doe, John)				<i>If new Customer, enter previous Customer below:</i>	
South Fork Ranch Municipal Utility District					
<b>7. TX SOS/CPA Filing Number</b>		<b>8. TX State Tax ID</b> (11 digits)		<b>9. Federal Tax ID</b> (9 digits)	<b>10. DUNS Number</b> (if applicable)
<b>11. Type of Customer:</b>		<input type="checkbox"/> Corporation		<input type="checkbox"/> Individual	Partnership: <input type="checkbox"/> General <input type="checkbox"/> Limited
Government: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> Local <input type="checkbox"/> State <input checked="" type="checkbox"/> Other		<input type="checkbox"/> Sole Proprietorship		<input type="checkbox"/> Other:	
<b>12. Number of Employees</b>				<b>13. Independently Owned and Operated?</b>	
<input checked="" type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
<b>14. Customer Role</b> (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following					
<input type="checkbox"/> Owner <input type="checkbox"/> Operator <input checked="" type="checkbox"/> Owner & Operator <input type="checkbox"/> Other:					
<input type="checkbox"/> Occupational Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> VCP/BSA Applicant					
<b>15. Mailing Address:</b>		919 Congress Avenue, Suite 1500			
<b>City</b>	Austin	<b>State</b>	TX	<b>ZIP</b>	78701
				<b>ZIP + 4</b>	
<b>16. Country Mailing Information</b> (if outside USA)				<b>17. E-Mail Address</b> (if applicable)	
				aswmail@aswtax.com	

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

## SECTION III: Regulated Entity Information

<b>21. General Regulated Entity Information</b> (If 'New Regulated Entity' is selected, a new permit application is also required.)							
<input type="checkbox"/> New Regulated Entity <input type="checkbox"/> Update to Regulated Entity Name <input checked="" type="checkbox"/> Update to Regulated Entity Information							
<i>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).</i>							
<b>22. Regulated Entity Name</b> (Enter name of the site where the regulated action is taking place.)							
Flora WWTF							
<b>23. Street Address of the Regulated Entity:</b>  (No PO Boxes)	900 County Road 160						
	<b>City</b>	Hutto	<b>State</b>	TX	<b>ZIP</b>	76574	<b>ZIP + 4</b>
<b>24. County</b>	Williamson						

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

<b>25. Description to Physical Location:</b>	WWTF is located approximately 4,650 feet west of the intersection of County Road 160 and County Road 101.						
<b>26. Nearest City</b>	<b>State</b>				<b>Nearest ZIP Code</b>		
Hutto	TX				76574		
<i>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).</i>							
<b>27. Latitude (N) In Decimal:</b>	30.582994°			<b>28. Longitude (W) In Decimal:</b>	97.510506°		
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds		
30	34	58.78	-97	30	37.82		
<b>29. Primary SIC Code</b> (4 digits)	<b>30. Secondary SIC Code</b> (4 digits)		<b>31. Primary NAICS Code</b> (5 or 6 digits)		<b>32. Secondary NAICS Code</b> (5 or 6 digits)		
6552			237210				
<b>33. What is the Primary Business of this entity?</b> (Do not repeat the SIC or NAICS description.)							
Wastewater Treatment							
<b>34. Mailing Address:</b>	919 Congress Avenue, Suite 1500						
	<b>City</b>	Austin	<b>State</b>	TX	<b>ZIP</b>	78701	<b>ZIP + 4</b>
<b>35. E-Mail Address:</b>	aswmail@aswtax.com						
<b>36. Telephone Number</b>	<b>37. Extension or Code</b>		<b>38. Fax Number (if applicable)</b>				
( 512 ) 518-2424	None		(   )   -				



**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.


<input type="checkbox"/> Dam Safety	<input type="checkbox"/> Districts	<input type="checkbox"/> Edwards Aquifer	<input type="checkbox"/> Emissions Inventory Air	<input type="checkbox"/> Industrial Hazardous Waste
<input type="checkbox"/> Municipal Solid Waste	<input type="checkbox"/> New Source Review Air	<input type="checkbox"/> OSSF	<input type="checkbox"/> Petroleum Storage Tank	<input type="checkbox"/> PWS
<input type="checkbox"/> Sludge	<input type="checkbox"/> Storm Water	<input type="checkbox"/> Title V Air	<input type="checkbox"/> Tires	<input type="checkbox"/> Used Oil
<input type="checkbox"/> Voluntary Cleanup	<input checked="" type="checkbox"/> Wastewater	<input type="checkbox"/> Wastewater Agriculture	<input type="checkbox"/> Water Rights	<input type="checkbox"/> Other:

### **SECTION IV: Preparer Information**

<b>40. Name:</b>	Ashraya Upadhyaya			<b>41. Title:</b>	Project Engineer
<b>42. Telephone Number</b>	<b>43. Ext./Code</b>	<b>44. Fax Number</b>	<b>45. E-Mail Address</b>		
( 903 ) 414-0307	None	( ) -	aupadhyaya@jawastewater.com		

### **SECTION V: Authorized Signature**

**46.** By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 6 and/or as required for the updates to the ID numbers identified in field 39.

<b>Company:</b>	South Fork Ranch Municipal Utility District	<b>Job Title:</b>	President
<b>Name (In Print):</b>	Eduardo Mendoza	<b>Phone:</b>	( 512 ) 518- 2424
<b>Signature:</b>		<b>Date:</b>	11-18-24

**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.





## 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.**

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

For TCEQ Use Only

Segment Number \_\_\_\_\_ County \_\_\_\_\_

Expiration Date \_\_\_\_\_ Region \_\_\_\_\_

Permit Number \_\_\_\_\_

☒ Active      ☒ Inactive

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

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

d. Check the box next to the appropriate application type

- |  |   |
|--|---|
| <input type="checkbox"/> New   |   |
| <input type="checkbox"/> Major Amendment <u>with</u> Renewal               | <input type="checkbox"/> Minor Amendment <u>with</u> Renewal    |
| <input checked="" type="checkbox"/> Major Amendment <u>without</u> Renewal | <input type="checkbox"/> Minor Amendment <u>without</u> Renewal |
| <input type="checkbox"/> Renewal without changes                           | <input type="checkbox"/> Minor Modification of permit           |

e. For amendments or modifications, describe the proposed changes: the Flora WWTF expansion consists of an MBR facility and two new discharge points

f. For existing permits:

Permit Number: WQ00 15998001

EPA I.D. (TPDES only): TX 0141321

Expiration Date: July 29, 2027

### Section 3. Facility Owner (Applicant) and Co-Applclicant 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: 5765 Fig Way

City, State, Zip Code: Arvada, CO 8002

Phone No.: 903 414 0307

E-mail Address: aupadhyaya@jawastewater.com

B. Prefix: Mr.

Last Name, First Name: Mendoza, Eduardo

Title: President

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: President

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 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: President

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: Mr.

Last Name, First Name: Upadhyaya, Ashraya

Title: Project Engineer

Credential: E.I.T.

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

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

☐ Yes ☒ No

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

☐ Yes ☒ No

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

#### F. Plain Language Summary Template

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

**Attachment:** Plain Language Summary Attachment

#### G. Public Involvement Plan Form

Complete the Public Involvement Plan Form (TCEQ Form 20960) for each application for a **new permit or major amendment to a permit** and include as an attachment.

**Attachment:** Public Involvement Plan Attachment

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

A. If the site is currently regulated by TCEQ, provide the Regulated Entity Number (RN) issued to this site. RN 111266722

Search the TCEQ's Central Registry at <http://www15.tceq.texas.gov/crpub/> to determine if the site is currently regulated by TCEQ.

B. Name of project or site (the name known by the community where located):

Flora WWTF

C. Owner of treatment facility: South Fork Ranch Municipal Utility District

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

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

Prefix: Mr.

Last Name, First Name: Mendoza, Eduardo

Title: President

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

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:**



## 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

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): Eduardo Mendoza

Signatory title: President

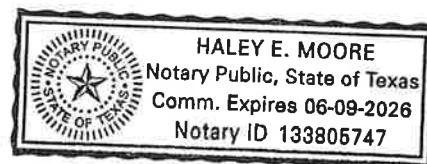
Signature:  Date: 11-18-24  
(Use blue ink)

Subscribed and Sworn to before me by the said Eduardo Mendoza  
on this 18<sup>th</sup> day of November, 2024.  
My commission expires on the 9<sup>th</sup> day of June, 2026.

  
Notary Public

[SEAL]

Travis  
County, Texas





# TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

## SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

### FOR AGENCIES REVIEWING DOMESTIC OR INDUSTRIAL TPDES WASTEWATER PERMIT APPLICATIONS

**TCEQ USE ONLY:**

Application type: \_\_\_\_Renewal \_\_\_\_Major Amendment \_\_\_\_Minor Amendment \_\_\_\_New

County: \_\_\_\_\_ Segment Number: \_\_\_\_\_

Admin Complete Date: \_\_\_\_\_

Agency Receiving SPIF:

\_\_\_\_ Texas Historical Commission

\_\_\_\_ U.S. Fish and Wildlife

\_\_\_\_ Texas Parks and Wildlife Department

\_\_\_\_ U.S. Army Corps of Engineers

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

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

**Do not refer to your response to any item in the permit application form.** Provide each attachment for this form separately from the Administrative Report of the application. The application will not be declared administratively complete without this SPIF form being completed in its entirety including all attachments. Questions or comments concerning this form may be directed to the Water Quality Division's Application Review and Processing Team by email at [WQ-ARPTeam@tceq.texas.gov](mailto:WQ-ARPTeam@tceq.texas.gov) or by phone at (512) 239-4671.

The following applies to all applications:

1. Permittee: South Fork Ranch Municipal Utility District

Permit No. WQ00 15998001EPA ID No. TX 0141321

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

WWTF is located approximately 4,650 feet west of the intersection of County Road 160 and County Road 101.

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: Eduardo Mendoza

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.: (512) 518-2424 Ext.: None Fax No.: None

E-mail Address: aswmail@aswtax.com

2. List the county in which the facility is located: Williamson
3. If the property is publicly owned and the owner is different than the permittee/applicant, please list the owner of the property.

N/A

4. Provide a description of the effluent discharge route. The discharge route must follow the flow of effluent from the point of discharge to the nearest major watercourse (from the point of discharge to a classified segment as defined in 30 TAC Chapter 307). If known, please identify the classified segment number.

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 Creek. Altogether, the treated effluent will be conveyed to Mustang Creek, thence to Brushy Creek in Segment No. 1244 of the Brazos River Basin.

5. Please provide a separate 7.5-minute USGS quadrangle map with the project boundaries plotted and a general location map showing the project area. Please highlight the discharge route from the point of discharge for a distance of one mile downstream. (This map is required in addition to the map in the administrative report).

Provide original photographs of any structures 50 years or older on the property.

Does your project involve any of the following? Check all that apply.

- ☐ Proposed access roads, utility lines, construction easements
- ☐ Visual effects that could damage or detract from a historic property's integrity
- ☐ Vibration effects during construction or as a result of project design
- ☐ Additional phases of development that are planned for the future
- ☐ Sealing caves, fractures, sinkholes, other karst features



# 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

<b>1. Reason for Submission</b> (If other is checked please describe in space provided.)		
<input checked="" type="checkbox"/> New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
<input type="checkbox"/> Renewal (Core Data Form should be submitted with the renewal form)		<input type="checkbox"/> Other
<b>2. Customer Reference Number</b> (if issued)	<a href="#">Follow this link to search for CN or RN numbers in Central Registry**</a>	<b>3. Regulated Entity Reference Number</b> (if issued)
CN 604625418		RN 111266722

## SECTION II: Customer Information

<b>4. General Customer Information</b>		<b>5. Effective Date for Customer Information Updates</b> (mm/dd/yyyy)			
<input type="checkbox"/> New Customer <input checked="" type="checkbox"/> Update to Customer Information <input type="checkbox"/> Change in Regulated Entity Ownership					
<input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)					
<i>The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).</i>					
<b>6. Customer Legal Name</b> (If an individual, print last name first: eg: Doe, John)				<i>If new Customer, enter previous Customer below:</i>	
South Fork Ranch Municipal Utility District					
<b>7. TX SOS/CPA Filing Number</b>		<b>8. TX State Tax ID</b> (11 digits)		<b>9. Federal Tax ID</b> (9 digits)	<b>10. DUNS Number</b> (if applicable)
<b>11. Type of Customer:</b>		<input type="checkbox"/> Corporation		<input type="checkbox"/> Individual	Partnership: <input type="checkbox"/> General <input type="checkbox"/> Limited
Government: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> Local <input type="checkbox"/> State <input checked="" type="checkbox"/> Other		<input type="checkbox"/> Sole Proprietorship		<input type="checkbox"/> Other:	
<b>12. Number of Employees</b>				<b>13. Independently Owned and Operated?</b>	
<input checked="" type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
<b>14. Customer Role</b> (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following					
<input type="checkbox"/> Owner <input type="checkbox"/> Operator <input checked="" type="checkbox"/> Owner & Operator <input type="checkbox"/> Other:					
<input type="checkbox"/> Occupational Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> VCP/BSA Applicant					
<b>15. Mailing Address:</b>	919 Congress Avenue, Suite 1500				
	City	Austin	State	TX	ZIP 78701 ZIP + 4
<b>16. Country Mailing Information</b> (if outside USA)				<b>17. E-Mail Address</b> (if applicable)	
				aswmail@aswtax.com	

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

## SECTION III: Regulated Entity Information

<b>21. General Regulated Entity Information</b> (If 'New Regulated Entity' is selected, a new permit application is also required.)								
<input type="checkbox"/> New Regulated Entity <input type="checkbox"/> Update to Regulated Entity Name <input checked="" type="checkbox"/> Update to Regulated Entity Information								
<i>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).</i>								
<b>22. Regulated Entity Name</b> (Enter name of the site where the regulated action is taking place.)								
Flora WWTF								
<b>23. Street Address of the Regulated Entity:</b>  (No PO Boxes)	900 County Road 160							
	<b>City</b>	Hutto	<b>State</b>	TX	<b>ZIP</b>	76574	<b>ZIP + 4</b>	
<b>24. County</b>	Williamson							

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

<b>25. Description to Physical Location:</b>	WWTF is located approximately 4,650 feet west of the intersection of County Road 160 and County Road 101.							
<b>26. Nearest City</b>					<b>State</b>	<b>Nearest ZIP Code</b>		
Hutto					TX	76574		
<i>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).</i>								
<b>27. Latitude (N) In Decimal:</b>	30.582994°				<b>28. Longitude (W) In Decimal:</b>	97.510506°		
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds			
30	34	58.78	-97	30	37.82			
<b>29. Primary SIC Code</b> (4 digits)	<b>30. Secondary SIC Code</b> (4 digits)		<b>31. Primary NAICS Code</b> (5 or 6 digits)		<b>32. Secondary NAICS Code</b> (5 or 6 digits)			
6552			237210					
<b>33. What is the Primary Business of this entity?</b> (Do not repeat the SIC or NAICS description.)								
Wastewater Treatment								
<b>34. Mailing Address:</b>	919 Congress Avenue, Suite 1500							
	<b>City</b>	Austin	<b>State</b>	TX	<b>ZIP</b>	78701	<b>ZIP + 4</b>	
<b>35. E-Mail Address:</b>	aswmail@aswtax.com							
<b>36. Telephone Number</b>	<b>37. Extension or Code</b>		<b>38. Fax Number (if applicable)</b>					
( 512 ) 518-2424	None		(   ) -   -					

**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.

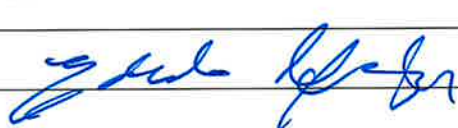
<input type="checkbox"/> Dam Safety	<input type="checkbox"/> Districts	<input type="checkbox"/> Edwards Aquifer	<input type="checkbox"/> Emissions Inventory Air	<input type="checkbox"/> Industrial Hazardous Waste
<input type="checkbox"/> Municipal Solid Waste	<input type="checkbox"/> New Source Review Air	<input type="checkbox"/> OSSF	<input type="checkbox"/> Petroleum Storage Tank	<input type="checkbox"/> PWS
<input type="checkbox"/> Sludge	<input type="checkbox"/> Storm Water	<input type="checkbox"/> Title V Air	<input type="checkbox"/> Tires	<input type="checkbox"/> Used Oil
<input type="checkbox"/> Voluntary Cleanup	<input checked="" type="checkbox"/> Wastewater	<input type="checkbox"/> Wastewater Agriculture	<input type="checkbox"/> Water Rights	<input type="checkbox"/> Other:

#### **SECTION IV: Preparer Information**

<b>40. Name:</b>	Ashraya Upadhyaya			<b>41. Title:</b>	Project Engineer
<b>42. Telephone Number</b>	<b>43. Ext./Code</b>	<b>44. Fax Number</b>	<b>45. E-Mail Address</b>		
( 903 ) 414-0307	None	( ) -	aupadhyaya@jawastewater.com		

#### **SECTION V: Authorized Signature**

**46.** By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 6 and/or as required for the updates to the ID numbers identified in field 39.

<b>Company:</b>	South Fork Ranch Municipal Utility District	<b>Job Title:</b>	President
<b>Name (In Print):</b>	Eduardo Mendoza	<b>Phone:</b>	( 512 ) 518- 2424
<b>Signature:</b>			<b>Date:</b> 11-18-24

## 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 (CBOD<sub>5</sub>), total suspended solids (TSS), ammonia nitrogen (NH<sub>3</sub>-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:
  - periodically inspected by the TCEQ; or
  - located in another state and is accredited or inspected by that state; or
  - performing work for another company with a unit located in the same site; or
  - performing pro bono work for a governmental agency or charitable organization.
- The laboratory is accredited under federal law.
- The data are needed for emergency-response activities, and a laboratory accredited under the Texas Laboratory Accreditation Program is not available.
- The laboratory supplies data for which the TCEQ does not offer accreditation.

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

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

### CERTIFICATION:

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

Printed Name: Eduardo Mendoza – South Fork Ranch Municipal Utility District

Title: President

Signature: \_\_\_\_\_

Date: \_\_\_\_\_



## 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,



**Leah Whallon**

Texas Commission on Environmental Quality

Water Quality Division

512-239-0084

[leah.whallon@tceq.texas.gov](mailto:leah.whallon@tceq.texas.gov)

How is our customer service? Fill out our online customer satisfaction survey at  
[www.tceq.texas.gov/customersurvey](http://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. WQ0015998001 (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](mailto:leah.whallon@tceq.texas.gov)



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 <input type="checkbox"/>	\$315.00 <input type="checkbox"/>
≥0.05 but <0.10 MGD	\$550.00 <input type="checkbox"/>	\$515.00 <input type="checkbox"/>
≥0.10 but <0.25 MGD	\$850.00 <input type="checkbox"/>	\$815.00 <input type="checkbox"/>
≥0.25 but <0.50 MGD	\$1,250.00 <input type="checkbox"/>	\$1,215.00 <input type="checkbox"/>
≥0.50 but <1.0 MGD	\$1,650.00 <input checked="" type="checkbox"/>	\$1,615.00 <input type="checkbox"/>
≥1.0 MGD	\$2,050.00 <input type="checkbox"/>	\$2,015.00 <input type="checkbox"/>

Minor Amendment (for any flow) \$150.00 ☐

**Payment Information:**

Mailed      Check/Money Order Number:

Check/Money Order Amount:

Name Printed on Check:

EPAY      Voucher Number:

Copy of Payment Voucher enclosed?      Yes ☒

**Section 2. Type of Application (Instructions Page 26)**

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

- ☐ Publicly-Owned Domestic Wastewater
- ☒ Privately-Owned Domestic Wastewater
- ☐ Conventional Wastewater Treatment

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

- ☐ Active      ☒ Inactive

**Attachment:** N/A

**E. Owner of effluent disposal site:**

Prefix: N/A

Last Name, First Name: N/A

Title: N/A

Credential: N/A

Organization Name: N/A

Mailing Address: N/A

City, State, Zip Code: N/A

Phone No.: N/A

E-mail Address: N/A

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:** N/A

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

Prefix: N/A

Last Name, First Name: N/A

Title: N/A

Credential: N/A

Organization Name: N/A

Mailing Address: N/A

City, State, Zip Code: N/A

Phone No.: N/A

E-mail Address: N/A

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:** N/A

## Section 10. TPDES Discharge Information (Instructions Page 31)

**A. Is the wastewater treatment facility location in the existing permit accurate?**

☐ Yes ☒ No

If **no**, or a new permit application, please give an accurate description:

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 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.

City nearest the outfall(s): Hutto



Texas Commission on Environmental Quality

## 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

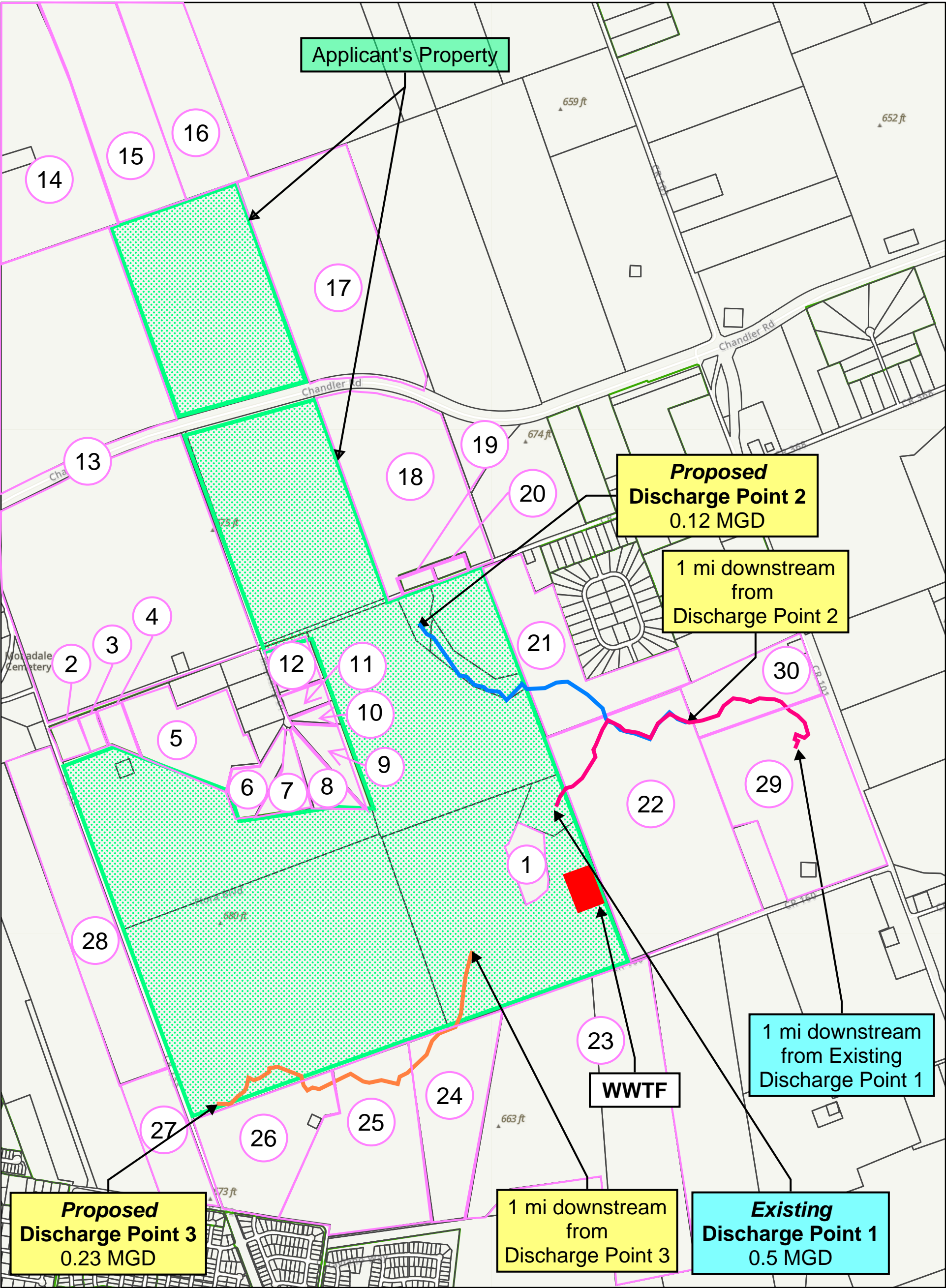
**If all the above boxes are not checked, a Public Involvement Plan is not necessary.  
Stop after Section 2 and submit the form.**

- ☒ Public Involvement Plan not applicable to this application. Provide **brief** explanation.

This project is not considered to have significant public interest.

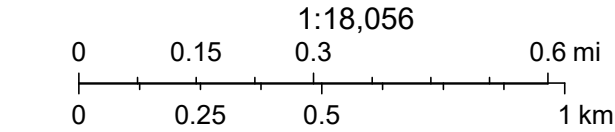


# Flora WWTF - Affected Land Owner Map



8/28/2024, 8:56:44 PM

Parcels



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:	<a href="http://wcad.org">Williamson Central Appraisal District Map (wcad.org)</a>	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  
2505 ALLSTON LN  
AUSTIN TX 78746

GLASS CASEY JOHN & CASANDRA LEE  
50 COUNTY ROAD 394  
HUTTO TX 78634

PATSCHKE REUBEN L AND  
50 COUNTY ROAD 394  
HUTTO TX 78634-3212

PATSCHKE NEAL ALLAN & HEATHER NICOLE  
100 COUNTY ROAD 394  
HUTTO TX 78634-3212

KLEPZIG STEPHEN & DONNA L  
280 COUNTY ROAD 394  
HUTTO TX 78634-3212

CHALMERS PHILIP & SUZANNE  
150 MUSTANG DR HUTTO TX  
HUTTO TX 78634

TRUSTEES OF BYRON AND JOANNE  
MCDANIEL TRUST  
200 MUSTANG DR  
HUTTO TX 78634

HARTMAN DAVID A & ANGELA  
201 MUSTANG DR  
HUTTO TX 78634-4425

FAULK ROBIN WEISS TRUSTEE OF THE ROBIN  
WEISS FAULK TRUST  
151 MUSTANG DR HUTTO TX 78634  
HUTTO TX 78634

BLAKELY CODY & GINA PICCINNI  
115 MUSTANG DR  
HUTTO TX 78634

HODDE FRITZ E & BETTY L  
101 MUSTANG DR  
HUTTO TX 78634

URBAN CLARA  
51 MUSTANG DR  
HUTTO TX 78634-4423

FUESSEL HOLDINGS LLC  
11255 HWY 79  
TAYLOR TX 76574

COPELAND WELDON R & CAROLYN A  
PO BOX 670  
HUTTO TX 78634-0670

COPELAND WELDON R  
PO BOX 670  
HUTTO TX 78634-0670

NOREN CHRISTY  
3711 COUNTY ROAD 100  
HUTTO TX 78634-3011

DOVANTEX LLC  
157 LADY BIRD LN  
GEORGETOWN TX 78628-6002

SANCHEZ MINERVA G  
1161 COUNTY ROAD 394  
HUTTO TX 78634

NUNEZ ISRAEL & GABRIELA TINAJERO  
RESENDIZ  
1001 COUNTY ROAD 394  
HUTTO TX 78634-2446

SANCHEZ GUADALUPE R  
2400 SMITH AVE  
TAYLOR TX 76574-1461

CARRILLO GUILLERMO & ALMA  
50302 EAGLE TRACE DR  
GEORGETOWN TX 78626-6205

VITTEK EVELYN M TRUSTEE OF THE VITTEK  
RESIDUARY TRUST  
8002 BURRELL DR  
AUSTIN TX 78757-8335

HUTTO CR 132 VENTURES LLC  
101 PARKLANE BLVD STE 102  
SUGAR LAND TX 77478-5521

MURPHY ALVIN TOMAS ESTATE  
1326 CR 3376  
KEMPNER TX 76539

CIVITAS AT HUTTO LLC  
5599 SAN FELIPE #STE 565  
HOUSTON TX 77056

WALKER CHARLES MERVIN  
11568 PENDLETON TROY RD  
TROY TX 76579

GRBK EDGEWOOD LLC & MERITAGE HOMES  
OF TEXAS LLC  
5501 HEADQUARTERS DR #STE 300W  
PLANO TX 75024

ESTATES OF HUTTO LLC  
1717 MCKINNEY AVE #STE 1590  
DALLAS TX 75202

RANDIG JUNEVA W  
200 COUNTY ROAD 16  
TAYLOR TX 76574

BARRON JEFFREY LYNN  
49 SECOND NORTH RD  
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. WQ00\_\_\_\_\_

**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 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 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 not 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 todos 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. Además, puede pedir que la TCEQ ponga su nombre en una o más de las listas de 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 agregue su nombre en una de las listas designe cual lista(s) y envía por correo su pedido a la Oficina del Secretario Principal de la TCEQ.

**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 issued]*

**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.







# TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

## DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST

Complete and submit this checklist with the application.

APPLICANT NAME: Hutto 525 Development Partners, LP

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

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

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

### For TCEQ Use Only

Segment Number \_\_\_\_\_ County \_\_\_\_\_  
Expiration Date \_\_\_\_\_ Region \_\_\_\_\_  
Permit Number \_\_\_\_\_



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

**DOMESTIC WASTEWATER PERMIT APPLICATION  
ADMINISTRATIVE REPORT 1.0**

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

**Section 1. Application Fees (Instructions Page 26)**

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

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

Minor Amendment (for any flow) \$150.00 ☐

**Payment Information:**

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

**Section 2. Type of Application (Instructions Page 26)**

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

- ☐ Publicly-Owned Domestic Wastewater  
☒ Privately-Owned Domestic Wastewater  
☐ Conventional Wastewater Treatment

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

- ☒ Active      ☐ Inactive

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
<a href="#">721049</a>	WW PERMIT - FACILITY WITH FLOW >= .50 & < 1.0 MGD - NEW AND MAJOR AMENDMENTS		\$1,600.00
<a href="#">721050</a>	30 TAC 305.53B WQ NOTIFICATION FEE		\$50.00
<b>TCEQ Amount:</b>			<b>\$1,650.00</b>

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

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

d. Check the box next to the appropriate application type

- |  |   |
|--|---|
| <input type="checkbox"/> New   |   |
| <input type="checkbox"/> Major Amendment <u>with</u> Renewal               | <input type="checkbox"/> Minor Amendment <u>with</u> Renewal    |
| <input checked="" type="checkbox"/> Major Amendment <u>without</u> Renewal | <input type="checkbox"/> Minor Amendment <u>without</u> Renewal |
| <input type="checkbox"/> Renewal without changes                           | <input type="checkbox"/> Minor Modification of permit           |

e. For amendments or modifications, describe the proposed 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 existing permits:

Permit Number: WQ00 15998001

EPA I.D. (TPDES only): TX

Expiration Date: July 29, 2027

### Section 3. Facility Owner (Applicant) and Co-Applcant 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: Authorized Signatory, Hutto 525 GP Texas LLC, General Partner of Hutto 525 Development Partners, LP

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. Core Data Form

## 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: President

Credential: P.E.

Organization Name: JA Wastewater

Mailing Address: 5765 Fig Way

City, State, Zip Code: Arvada, CO 80002

Phone No.: 970 443 9096

E-mail Address: jmiller@jawastewater.com

Check one or both: ☒ Administrative Contact ☒ Technical Contact

B. Prefix: Mr.

Last Name, First Name: Upadhyaya, Ashraya

Title: Project Engineer

Credential: E.I.T.

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

Check one or both: ☒ Administrative Contact ☒ Technical Contact

## Section 5. Permit Contact Information (Instructions Page 27)

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

A. Prefix: Mr.

Last Name, First Name: Upadhyaya, Ashraya

Title: Project Engineer

Credential: E.I.T.

Organization Name: JA Wastewater

Mailing Address: 5765 Fig Way

City, State, Zip Code: Arvada, CO 8002

Phone No.: 903 414 0307

E-mail Address: aupadhyaya@jawastewater.com

B. 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  
77040

City, State, Zip Code: Houston, TX

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  
77040

City, State, Zip Code: Houston, TX

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  
77040

City, State, Zip Code: Houston, TX

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

Mailing Address: 5765 Fig Way

City, State, Zip Code: Arvada, CO 80002

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

☐ Fax

☐ Regular Mail

**C. Contact permit to be listed in the Notices**

Prefix: Mr.

Last Name, First Name: Upadhyaya, Ashraya

Title: Project Engineer

Credential: E.I.T.

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

City: Hutto

County: Williamson

Contact (Last Name, First Name): Bechara, Tanya

Phone No.: 512-759-4008 Ext.: Click to enter text.

**E. Bilingual Notice Requirements**

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

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

Please call the bilingual/ESL coordinator at the nearest elementary and middle schools and obtain the following information to determine whether an alternative language notices are required.

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

☒ Yes

☐ No

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

2. Are the students who attend either the elementary school or the middle school enrolled in a bilingual education program at that school?  
☒ Yes      ☐ No
3. Do the students at these schools attend a bilingual education program at another location?  
☐ Yes      ☒ No
4. Would the school be required to provide a bilingual education program but the school has waived out of this requirement under 19 TAC §89.1205(g)?  
☐ Yes      ☒ No
5. If the answer is **yes** to **question 1, 2, 3, or 4**, public notices in an alternative language are required. Which language is required by the bilingual program? Spanish

#### F. Plain Language Summary Template

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

**Attachment:** Plain Language Summary Attachment

#### G. Public Involvement Plan Form

Complete the Public Involvement Plan Form (TCEQ Form 20960) for each application for a **new permit or major amendment to a permit** and include as an attachment.

**Attachment:** Public Involvement Plan Attachment

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

- A. If the site is currently regulated by TCEQ, provide the Regulated Entity Number (RN) issued to this site. RN 111266722

Search the TCEQ's Central Registry at <http://www15.tceq.texas.gov/crpub/> to determine if the site is currently regulated by TCEQ.

- B. Name of project or site (the name known by the community where located):

Flora WWTF

- C. Owner of treatment facility: Hutto 525 Development Partners LP

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

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

Prefix: Click to enter text.

Last Name, First Name: Click to enter text.

Title: Click to enter text.

Credential: Click to enter text.

Organization Name: Hutto 525 Development Partners LP

Mailing Address: 10235 West Little York Rd, Suite 300  
77040

City, State, Zip Code: Houston, TX

Phone No.: 713-239-2925

E-mail Address: Click to enter text.

If the landowner is not the same person as the facility owner or co-applicant, attach a lease agreement or deed recorded easement. See instructions.



**Attachment:** [Click to enter text.](#)

E. Owner of effluent disposal site:

Prefix: 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  
77040

City, State, Zip Code: Houston, TX

Phone No.: 713-239-2925

E-mail Address: ssellers@empirecontinental.com

If the landowner is not the same person as the facility owner or co-applicant, attach a lease agreement or deed recorded easement. See instructions.

**Attachment:** [Click to enter text.](#)

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

Prefix: [Click to enter text.](#)

Last Name, First Name: [Click to enter text.](#)

Title: [Click to enter text.](#)

Credential: [Click to enter text.](#)

Organization Name: [Click to enter text.](#)

Mailing Address: [Click to enter text.](#)

City, State, Zip Code: [Click to enter text.](#)

Phone No.: [Click to enter text.](#)

E-mail Address: [Click to enter text.](#)

If the landowner is not the same person as the facility owner or co-applicant, attach a lease agreement or deed recorded easement. See instructions.

**Attachment:** [Click to enter text.](#)

## Section 10. TPDES Discharge Information (Instructions Page 31)

A. Is the wastewater treatment facility location in the existing permit accurate?

☐ Yes ☒ No

If **no**, or a new permit application, please give an accurate description:

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.

City nearest the outfall(s): Hutto

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:

☐ Authorization granted ☐ Authorization pending

For **new and amendment** applications, provide copies of letters that show proof of contact and the approval letter upon receipt.

**Attachment:** [Click to enter text.](#)

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

## Section 11. TLAP Disposal Information (Instructions Page 32)

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

☐ Yes ☐ No

If **no, or a new or amendment permit application**, provide an accurate description of the disposal site location:

[Click to enter text.](#)

- B. City nearest the disposal site: [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.](#)

## Section 12. Miscellaneous Information (Instructions Page 32)

- A. Is the facility located on or does the treated effluent cross American Indian Land?

☐ Yes ☒ No

- B. If the existing permit contains an onsite sludge disposal authorization, is the location of the sewage sludge disposal site in the existing permit accurate?

☐ Yes ☐ No ☒ Not Applicable

If No, or if a new onsite sludge disposal authorization is being requested in this permit application, provide an accurate location description of the sewage sludge disposal site.

Click to enter text.

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

☐ Yes ☒ No

If yes, list each person formerly employed by the TCEQ who represented your company and was paid for service regarding the application: [Click to enter text.](#)

- D. Do you owe any fees to the TCEQ?

☐ Yes ☒ No

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

Account number: [Click to enter text.](#)

Amount past due: [Click to enter text.](#)

- E. Do you owe any penalties to the TCEQ?

☐ Yes ☒ No

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

Enforcement order number: [Click to enter text.](#)

Amount past due: [Click to enter text.](#)

## Section 13. Attachments (Instructions Page 33)

Indicate which attachments are included with the Administrative Report. Check all that apply:

- ☐ Lease agreement or deed recorded easement, if the land where the treatment facility is located or the effluent disposal site are not owned by the applicant or co-applicant.
- ☒ Original full-size USGS Topographic Map with the following information:
- Applicant's property boundary
  - Treatment facility boundary
  - Labeled point of discharge for each discharge point (TPDES only)
  - Highlighted discharge route for each discharge point (TPDES only)
  - Onsite sewage sludge disposal site (if applicable)
  - Effluent disposal site boundaries (TLAP only)
  - New and future construction (if applicable)
  - 1 mile radius information
  - 3 miles downstream information (TPDES only)
  - All ponds.
- ☐ Attachment 1 for Individuals as co-applicants
- ☐ Other Attachments. Please specify: [Click to enter text.](#)

## Section 14. Signature Page (Instructions Page 34)

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

Permit Number: 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: Authorized Signatory, Hutto 525 GP Texas LLC, General Partner of Hutto 525 Development Partners, LP

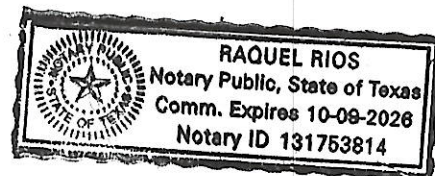
Signature:  Date: 9/20/2024  
(Use blue ink)

Subscribed and Sworn to before me by the said Stephen T Sellers  
on this 20th day of September, 2024.  
My commission expires on the 9th day of October, 2026.

  
Notary Public

Harris  
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)

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

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

Click to enter text.

## Section 2. Original Photographs (Instructions Page 38)

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

- ☒ At least one original photograph of the new or expanded treatment unit location
- ☒ At least two photographs of the existing/proposed point of discharge and as much area downstream (photo 1) and upstream (photo 2) as can be captured. If the discharge is to an open water body (e.g., lake, bay), the point of discharge should be in the right or left edge of each photograph showing the open water and with as much area on each respective side of the discharge as can be captured.
- ☐ At least one photograph of the existing/proposed effluent disposal site
- ☒ A plot plan or map showing the location and direction of each photograph

## Section 3. Buffer Zone Map (Instructions Page 38)

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

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

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

- ☒ Ownership
- ☐ Restrictive easement
- ☐ Nuisance odor control
- ☐ Variance

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

- ☒ Yes      ☐ No

# **DOMESTIC WASTEWATER PERMIT APPLICATION**

## **SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)**

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

**Attachment:** SPIF Map

# TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

## SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

### FOR AGENCIES REVIEWING DOMESTIC OR INDUSTRIAL TPDES WASTEWATER PERMIT APPLICATIONS

**TCEQ USE ONLY:**

Application type: \_\_\_\_Renewal \_\_\_\_Major Amendment \_\_\_\_Minor Amendment \_\_\_\_New

County: \_\_\_\_\_ Segment Number: \_\_\_\_\_

Admin Complete Date: \_\_\_\_\_

Agency Receiving SPIF:

\_\_\_\_ Texas Historical Commission

\_\_\_\_ U.S. Fish and Wildlife

\_\_\_\_ Texas Parks and Wildlife Department

\_\_\_\_ U.S. Army Corps of Engineers

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

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

**Do not refer to your response to any item in the permit application form.** Provide each attachment for this form separately from the Administrative Report of the application. The application will not be declared administratively complete without this SPIF form being completed in its entirety including all attachments. Questions or comments concerning this form may be directed to the Water Quality Division's Application Review and Processing Team by email at [WQ-ARPTeam@tceq.texas.gov](mailto:WQ-ARPTeam@tceq.texas.gov) or by phone at (512) 239-4671.

The following applies to all applications:

1. Permittee: Hutto 525 Development Partners, LP

Permit No. WQ00 15998001EPA ID No. TX  

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

WWTF is located approximately 4,650 feet west of the intersection of County Road 160 and County Road 101.



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: Stephen Sellers

Credential (P.E, P.G., Ph.D., etc.):

Title:

Mailing Address: 10235 West Little York Rd, Suite 300

City, State, Zip Code: Houston, TX 77040

Phone No.: 713-239-2925 Ext.:  Fax No.:

E-mail Address: ssellers@empirecontinental.com

2. List the county in which the facility is located: Williamson
3. If the property is publicly owned and the owner is different than the permittee/applicant, please list the owner of the property.

4. Provide a description of the effluent discharge route. The discharge route must follow the flow of effluent from the point of discharge to the nearest major watercourse (from the point of discharge to a classified segment as defined in 30 TAC Chapter 307). If known, please identify the classified segment number.

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.

5. Please provide a separate 7.5-minute USGS quadrangle map with the project boundaries plotted and a general location map showing the project area. Please highlight the discharge route from the point of discharge for a distance of one mile downstream. (This map is required in addition to the map in the administrative report).

Provide original photographs of any structures 50 years or older on the property.

Does your project involve any of the following? Check all that apply.

- ☐ Proposed access roads, utility lines, construction easements
- ☐ Visual effects that could damage or detract from a historic property's integrity
- ☐ Vibration effects during construction or as a result of project design
- ☐ Additional phases of development that are planned for the future

☐ Sealing caves, fractures, sinkholes, other karst features

☐ Disturbance of vegetation or wetlands

1. List proposed construction impact (surface acres to be impacted, depth of excavation, sealing of caves, or other karst features):

N/A

2. Describe existing disturbances, vegetation, and land use:

The area is mainly undeveloped land.

THE FOLLOWING ITEMS APPLY ONLY TO APPLICATIONS FOR NEW TPDES PERMITS AND MAJOR AMENDMENTS TO TPDES PERMITS

3. List construction dates of all buildings and structures on the property:

May 2024 - Existing wastewater treatment facility (activated sludge).

4. Provide a brief history of the property, and name of the architect/builder, if known.

Area is developed by Hutto 525 Development Partners, LP.



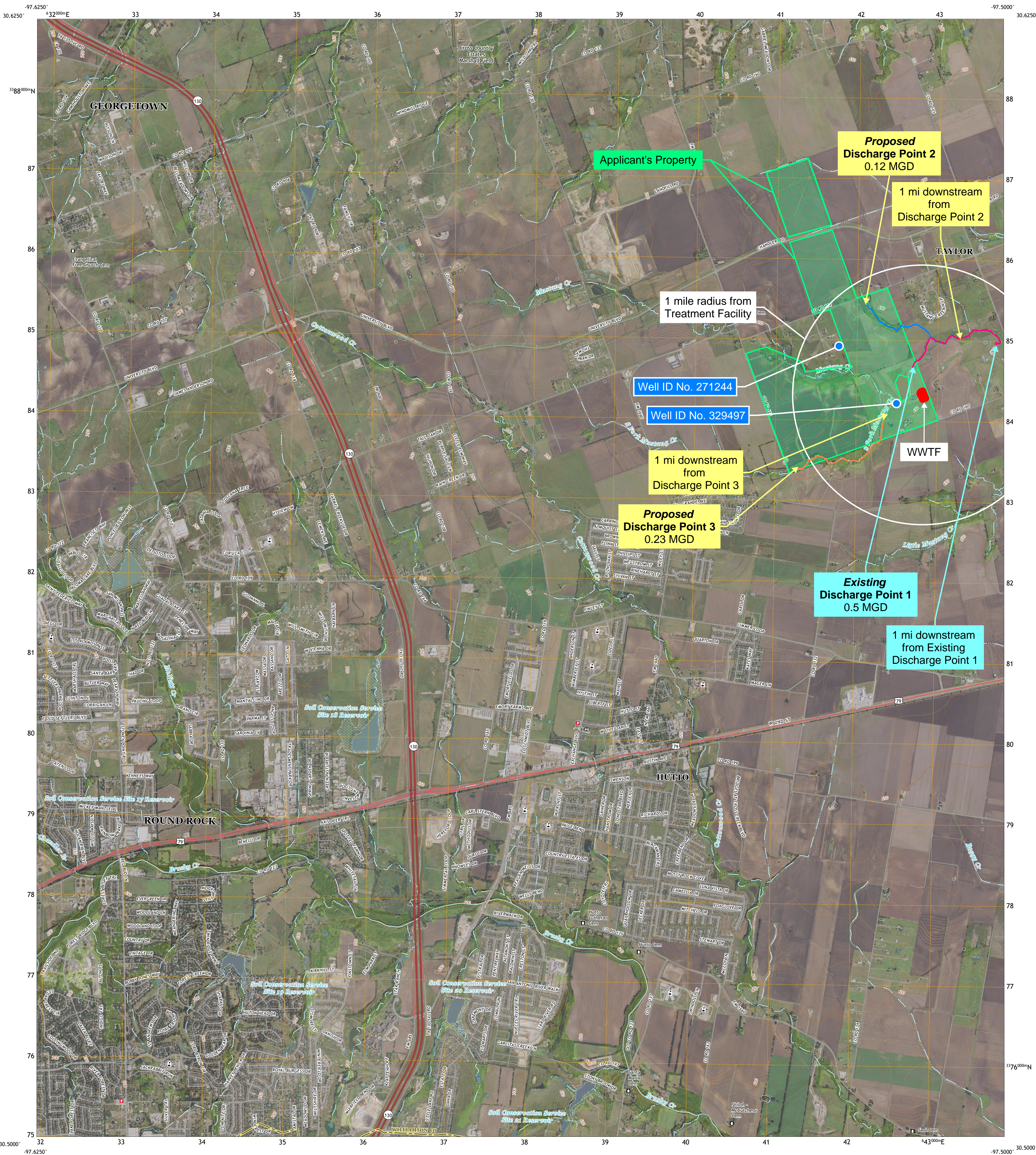
# Flora WWTF - SPIF Map



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



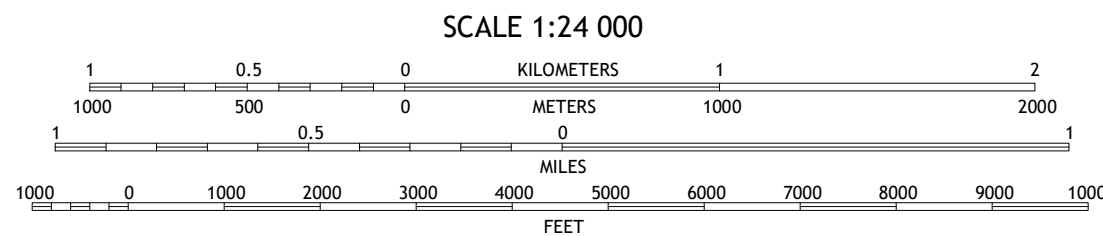
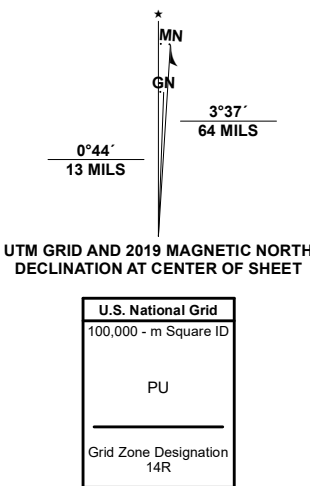
HUTTO QUADRANGLE  
TEXAS  
7.5-MINUTE SERIES



Produced by the United States Geological Survey

North American Datum of 1983 (NAD83)  
World Geodetic System of 1984 (WGS84). Projection and  
1 000-meter grid/Universal Transverse Mercator, Zone 14R.  
This map is not a legal document. Boundaries may be  
generalized for this map scale. Private lands within government  
reservations may not be shown. Obtain permission before  
entering private lands.

Imagery.....NAIP, September 2016 - November 2016  
Roads.....U.S. Census Bureau, 2015 - 2019  
Names.....GNIS, 2000 - 2021  
Hydrography.....National Hydrography Dataset, 2002 - 2020  
Contours.....National Elevation Dataset, 2019  
Boundaries.....Multiple sources; see metadata file 2019 - 2021  
Wetlands.....FWS National Wetlands Inventory Not Available



CONTOUR INTERVAL 10 FEET  
NORTH AMERICAN DATUM OF 1988  
This map was produced to conform with the  
National Geospatial Program US Topo Product Standard.



1	2	3
4	5	6
7	8	9

1 Georgetown  
2 Weir  
3 Granger  
4 Round Rock  
5 Taylor  
6flugerville West  
7flugerville East  
8 Coupland

ROAD CLASSIFICATION  
Expressway  
Secondary Hwy  
Ramp  
Local Connector  
Local Road  
4WD  
US Route  
State Route

HUTTO, TX  
2022





# Flora WWTF - SPIF Map



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



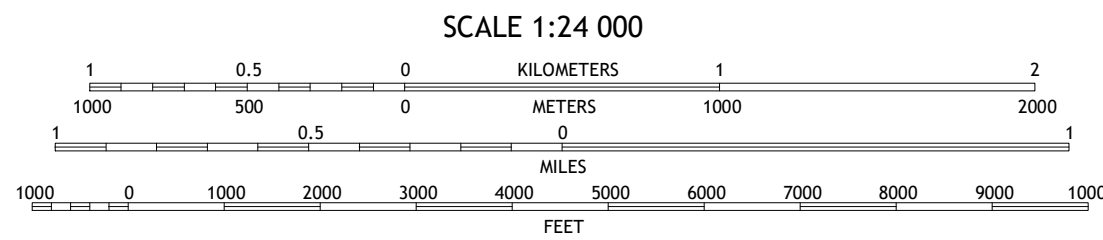
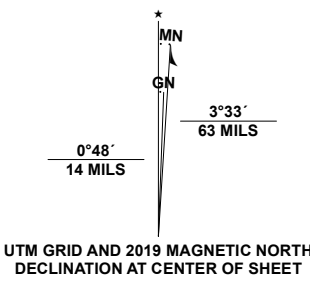
TAYLOR QUADRANGLE  
TEXAS - WILLIAMSON COUNTY  
7.5-MINUTE SERIES



## Produced by the United States Geological Survey

North American Datum of 1983 (NAD83)  
World Geodetic System of 1984 (WGS84), Projection and  
1 000-meter grid/Universal Transverse Mercator, Zone 14R  
This map is not a legal document. Boundaries may be  
generalized for this map scale. Private lands within government  
reservations may not be shown. Obtain permission before  
entering private lands.

Imagery.....NAIP, September 2016 - November 2016  
Roads.....U.S. Census Bureau, 2015 - 2019  
Names.....GNIS, 2000 - 2021  
Hydrography.....National Hydrography Dataset, 2002 - 2020  
Contours.....National Elevation Dataset, 2019  
Boundaries.....Multiple sources; see metadata file 2019 - 2021  
Wetlands.....FWS National Wetlands Inventory Not Available



CONTOUR INTERVAL 10 FEET  
NORTH AMERICAN DATUM OF 1983  
This map was produced to conform with the  
National Geospatial Program US Topo Product Standard.



1	2	3
4	5	6
7	8	9

1 Weir  
2 Granger  
3 Granger Lake  
4 Hutto  
5 Thrall  
6 Plugerville East  
7 Coupland  
8 Structure

ROAD CLASSIFICATION  
Expressway  
Secondary Hwy  
Ramp  
Local Connector  
Local Road  
4WD  
US Route  
State Route

TAYLOR, TX  
2022





## 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

<b>1. Reason for Submission</b> (If other is checked please describe in space provided.)		
<input checked="" type="checkbox"/> New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
<input type="checkbox"/> Renewal (Core Data Form should be submitted with the renewal form)		<input type="checkbox"/> Other
<b>2. Customer Reference Number</b> (if issued)	<a href="#">Follow this link to search for CN or RN numbers in Central Registry**</a>	<b>3. Regulated Entity Reference Number</b> (if issued)
CN 605893288		RN 111266722

## SECTION II: Customer Information

<b>4. General Customer Information</b>		<b>5. Effective Date for Customer Information Updates</b> (mm/dd/yyyy)			
<input type="checkbox"/> New Customer <input checked="" type="checkbox"/> Update to Customer Information <input type="checkbox"/> Change in Regulated Entity Ownership					
<input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)					
<i>The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).</i>					
<b>6. Customer Legal Name</b> (If an individual, print last name first: eg: Doe, John)				<i>If new Customer, enter previous Customer below:</i>	
Hutto 525 Development Partners, LP					
<b>7. TX SOS/CPA Filing Number</b>		<b>8. TX State Tax ID</b> (11 digits)		<b>9. Federal Tax ID</b> (9 digits)	<b>10. DUNS Number</b> (if applicable)
0803811510		32076452179		85-3828992	
<b>11. Type of Customer:</b>		<input type="checkbox"/> Corporation		<input type="checkbox"/> Individual	Partnership: <input type="checkbox"/> General <input checked="" type="checkbox"/> Limited
Government: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> Local <input type="checkbox"/> State <input type="checkbox"/> Other		<input type="checkbox"/> Sole Proprietorship		<input type="checkbox"/> Other:	
<b>12. Number of Employees</b>				<b>13. Independently Owned and Operated?</b>	
<input checked="" type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
<b>14. Customer Role</b> (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following					
<input checked="" type="checkbox"/> Owner <input type="checkbox"/> Operator <input type="checkbox"/> Owner & Operator <input type="checkbox"/> Other:					
<input type="checkbox"/> Occupational Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> VCP/BSA Applicant					
<b>15. Mailing Address:</b>		10235 West Little York Rd, Suite 300			
City		Houston		State	TX
ZIP		77040		ZIP + 4	
<b>16. Country Mailing Information</b> (if outside USA)				<b>17. E-Mail Address</b> (if applicable)	

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

## SECTION III: Regulated Entity Information

<b>21. General Regulated Entity Information</b> (If 'New Regulated Entity' is selected, a new permit application is also required.)							
<input type="checkbox"/> New Regulated Entity <input type="checkbox"/> Update to Regulated Entity Name <input checked="" type="checkbox"/> Update to Regulated Entity Information							
<i>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).</i>							
<b>22. Regulated Entity Name</b> (Enter name of the site where the regulated action is taking place.)							
South Fork Ranch MUD							
<b>23. Street Address of the Regulated Entity:</b>  (No PO Boxes)	900 County Road 160						
	<b>City</b>	Hutto	<b>State</b>	TX	<b>ZIP</b>	76574	<b>ZIP + 4</b>
<b>24. County</b>	Williamson						

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

<b>25. Description to Physical Location:</b>	WWTF is located approximately 4,650 feet west of the intersection of County Road 160 and County Road 101.						
<b>26. Nearest City</b>	<b>State</b>				<b>Nearest ZIP Code</b>		
Hutto	TX				76574		
<i>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).</i>							
<b>27. Latitude (N) In Decimal:</b>	30.582994°			<b>28. Longitude (W) In Decimal:</b>	97.510506°		
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds		
30	34	58.78	-97	30	37.82		
<b>29. Primary SIC Code</b> (4 digits)	<b>30. Secondary SIC Code</b> (4 digits)		<b>31. Primary NAICS Code</b> (5 or 6 digits)		<b>32. Secondary NAICS Code</b> (5 or 6 digits)		
6552			237210				
<b>33. What is the Primary Business of this entity?</b> (Do not repeat the SIC or NAICS description.)							
Wastewater Treatment							
<b>34. Mailing Address:</b>	10235 West Little York Rd, Suite 300						
	<b>City</b>	Houston	<b>State</b>	TX	<b>ZIP</b>	77040	<b>ZIP + 4</b>
<b>35. E-Mail Address:</b>	ssellers@empirecontinental.com						
<b>36. Telephone Number</b>	<b>37. Extension or Code</b>		<b>38. Fax Number (if applicable)</b>				
( 713 ) 239-2925			(   ) -				



**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.


<input type="checkbox"/> Dam Safety	<input type="checkbox"/> Districts	<input type="checkbox"/> Edwards Aquifer	<input type="checkbox"/> Emissions Inventory Air	<input type="checkbox"/> Industrial Hazardous Waste
<input type="checkbox"/> Municipal Solid Waste	<input type="checkbox"/> New Source Review Air	<input type="checkbox"/> OSSF	<input type="checkbox"/> Petroleum Storage Tank	<input type="checkbox"/> PWS
<input type="checkbox"/> Sludge	<input type="checkbox"/> Storm Water	<input type="checkbox"/> Title V Air	<input type="checkbox"/> Tires	<input type="checkbox"/> Used Oil
<input type="checkbox"/> Voluntary Cleanup	<input checked="" type="checkbox"/> Wastewater	<input type="checkbox"/> Wastewater Agriculture	<input type="checkbox"/> Water Rights	<input type="checkbox"/> Other:

## SECTION IV: Preparer Information

<b>40. Name:</b>	Ashraya Upadhyaya	<b>41. Title:</b>	Project Engineer
<b>42. Telephone Number</b>	<b>43. Ext./Code</b>	<b>44. Fax Number</b>	<b>45. E-Mail Address</b>
( 903 ) 414-0307		( ) -	aupadhyaya@jawastewater.com

## SECTION V: Authorized Signature

46. By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 6 and/or as required for the updates to the ID numbers identified in field 39.

<b>Company:</b>	Hutto 525 Development Partners, LP	<b>Job Title:</b>	Authorized Signatory, Hutto 525 GP Texas LLC, General Partner of Hutto 525 Development Partners, LP
<b>Name (In Print):</b>	Stephen Sellers	<b>Phone:</b>	( 713 ) 239- 2925
<b>Signature:</b>		<b>Date:</b>	9/20/2024



Texas Commission on Environmental Quality

## 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.

### Section 3. Application Information

#### Type of Application (check all that apply):

Air ☐ Initial ☐ Federal ☐ Amendment ☐ Standard Permit ☐ Title V  
Waste ☐ Municipal Solid Waste ☐ Industrial and Hazardous Waste ☐ Scrap Tire  
☐ Radioactive Material Licensing ☐ Underground Injection Control

#### Water Quality

☐ Texas Pollutant Discharge Elimination System (TPDES)  
☐ Texas Land Application Permit (TLAP)  
☐ State Only Concentrated Animal Feeding Operation (CAFO)  
☐ Water Treatment Plant Residuals Disposal Permit  
☐ Class B Biosolids Land Application Permit  
☐ Domestic Septage Land Application Registration

#### Water Rights New Permit

☐ New Appropriation of Water  
☐ New or existing reservoir

#### Amendment to an Existing Water Right

☐ Add a New Appropriation of Water  
☐ Add a New or Existing Reservoir  
☐ Major Amendment that could affect other water rights or the environment

### Section 4. Plain Language Summary

Provide a brief description of planned activities.

## 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.**

(City)

(County)

(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

## 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.

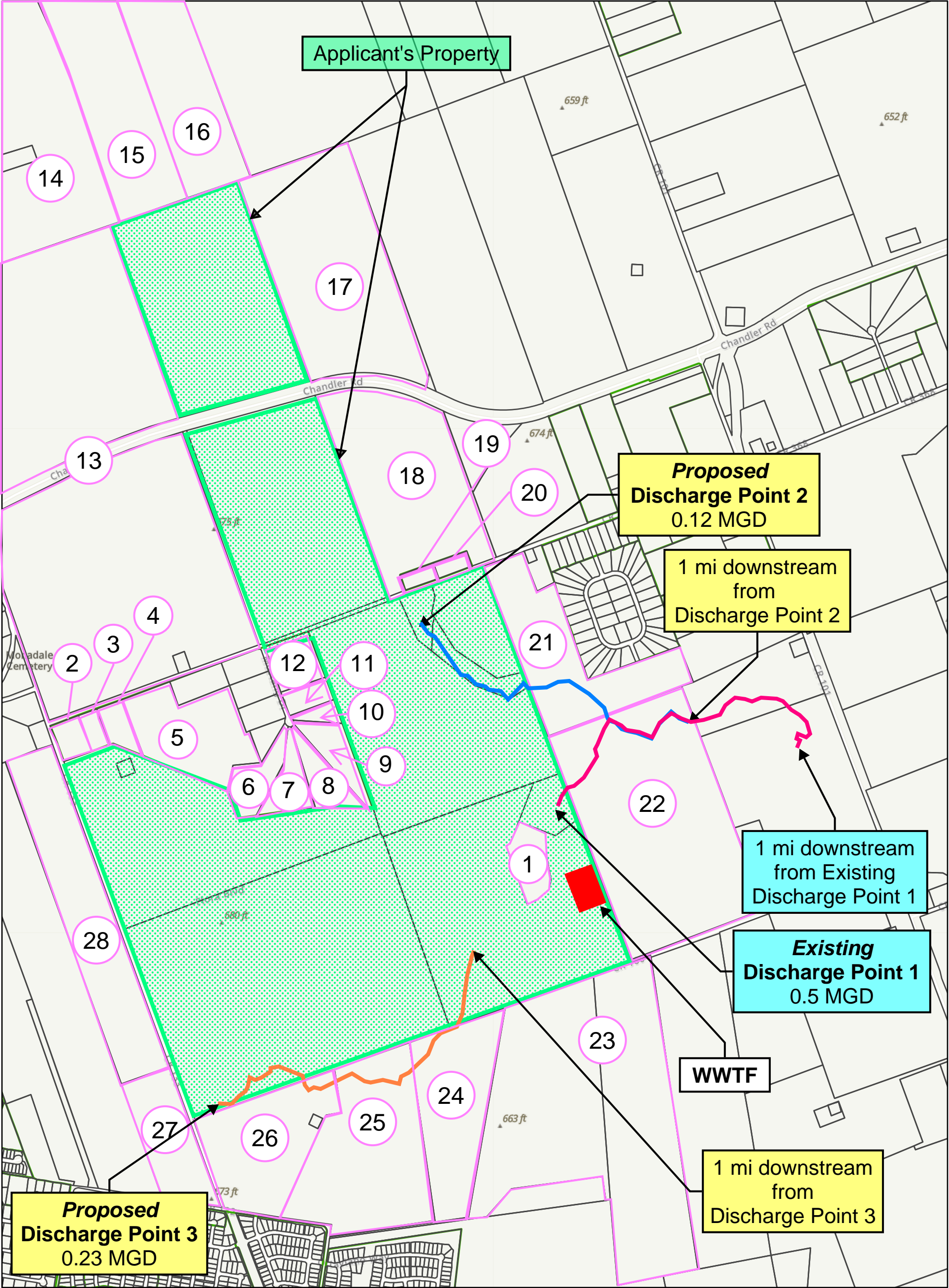
Will you provide notice of this application, including notice in alternative languages?

☐ Yes ☐ No

What types of notice will be provided?

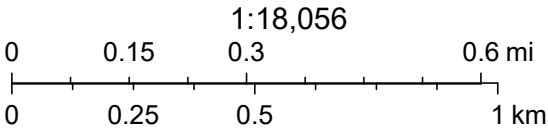
- ☐ Publish in alternative language newspaper
- ☐ Posted on Commissioner's Integrated Database Website
- ☐ Mailed by TCEQ's Office of the Chief Clerk
- ☐ Other (specify)

# Flora WWTF - Affected Land Owner Map



8/28/2024, 8:56:44 PM

Parcels



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 \(wcad.org\)](http://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  
2505 ALLSTON LN  
AUSTIN TX 78746

GLASS CASEY JOHN & CASANDRA LEE  
50 COUNTY ROAD 394  
HUTTO TX 78634

PATSCHKE REUBEN L AND  
50 COUNTY ROAD 394  
HUTTO TX 78634-3212

PATSCHKE NEAL ALLAN & HEATHER NICOLE  
100 COUNTY ROAD 394  
HUTTO TX 78634-3212

KLEPZIG STEPHEN & DONNA L  
280 COUNTY ROAD 394  
HUTTO TX 78634-3212

CHALMERS PHILIP & SUZANNE  
150 MUSTANG DR HUTTO TX  
HUTTO TX 78634

TRUSTEES OF BYRON AND JOANNE  
MCDANIEL TRUST  
200 MUSTANG DR  
HUTTO TX 78634

HARTMAN DAVID A & ANGELA  
201 MUSTANG DR  
HUTTO TX 78634-4425

FAULK ROBIN WEISS TRUSTEE OF THE ROBIN  
WEISS FAULK TRUST  
151 MUSTANG DR HUTTO TX 78634  
HUTTO TX 78634

BLAKELY CODY & GINA PICCINNI  
115 MUSTANG DR  
HUTTO TX 78634

HODDE FRITZ E & BETTY L  
101 MUSTANG DR  
HUTTO TX 78634

URBAN CLARA  
51 MUSTANG DR  
HUTTO TX 78634-4423

FUESSEL HOLDINGS LLC  
11255 HWY 79  
TAYLOR TX 76574

COPELAND WELDON R & CAROLYN A  
PO BOX 670  
HUTTO TX 78634-0670

COPELAND WELDON R  
PO BOX 670  
HUTTO TX 78634-0670

NOREN CHRISTY  
3711 COUNTY ROAD 100  
HUTTO TX 78634-3011

DOVANTEX LLC  
157 LADY BIRD LN  
GEORGETOWN TX 78628-6002

SANCHEZ MINERVA G  
1161 COUNTY ROAD 394  
HUTTO TX 78634

NUNEZ ISRAEL & GABRIELA TINAJERO  
RESENDIZ  
1001 COUNTY ROAD 394  
HUTTO TX 78634-2446

SANCHEZ GUADALUPE R  
2400 SMITH AVE  
TAYLOR TX 76574-1461

CARRILLO GUILLERMO & ALMA  
50302 EAGLE TRACE DR  
GEORGETOWN TX 78626-6205

VITTEK EVELYN M TRUSTEE OF THE VITTEK  
RESIDUARY TRUST  
8002 BURRELL DR  
AUSTIN TX 78757-8335

HUTTO CR 132 VENTURES LLC  
101 PARKLANE BLVD STE 102  
SUGAR LAND TX 77478-5521

MURPHY ALVIN TOMAS ESTATE  
1326 CR 3376  
KEMPNER TX 76539

CIVITAS AT HUTTO LLC  
5599 SAN FELIPE #STE 565  
HOUSTON TX 77056

WALKER CHARLES MERVIN  
11568 PENDLETON TROY RD  
TROY TX 76579

GRBK EDGEWOOD LLC & MERITAGE HOMES  
OF TEXAS LLC  
5501 HEADQUARTERS DR #STE 300W  
PLANO TX 75024

ESTATES OF HUTTO LLC  
1717 MCKINNEY AVE #STE 1590  
DALLAS TX 75202



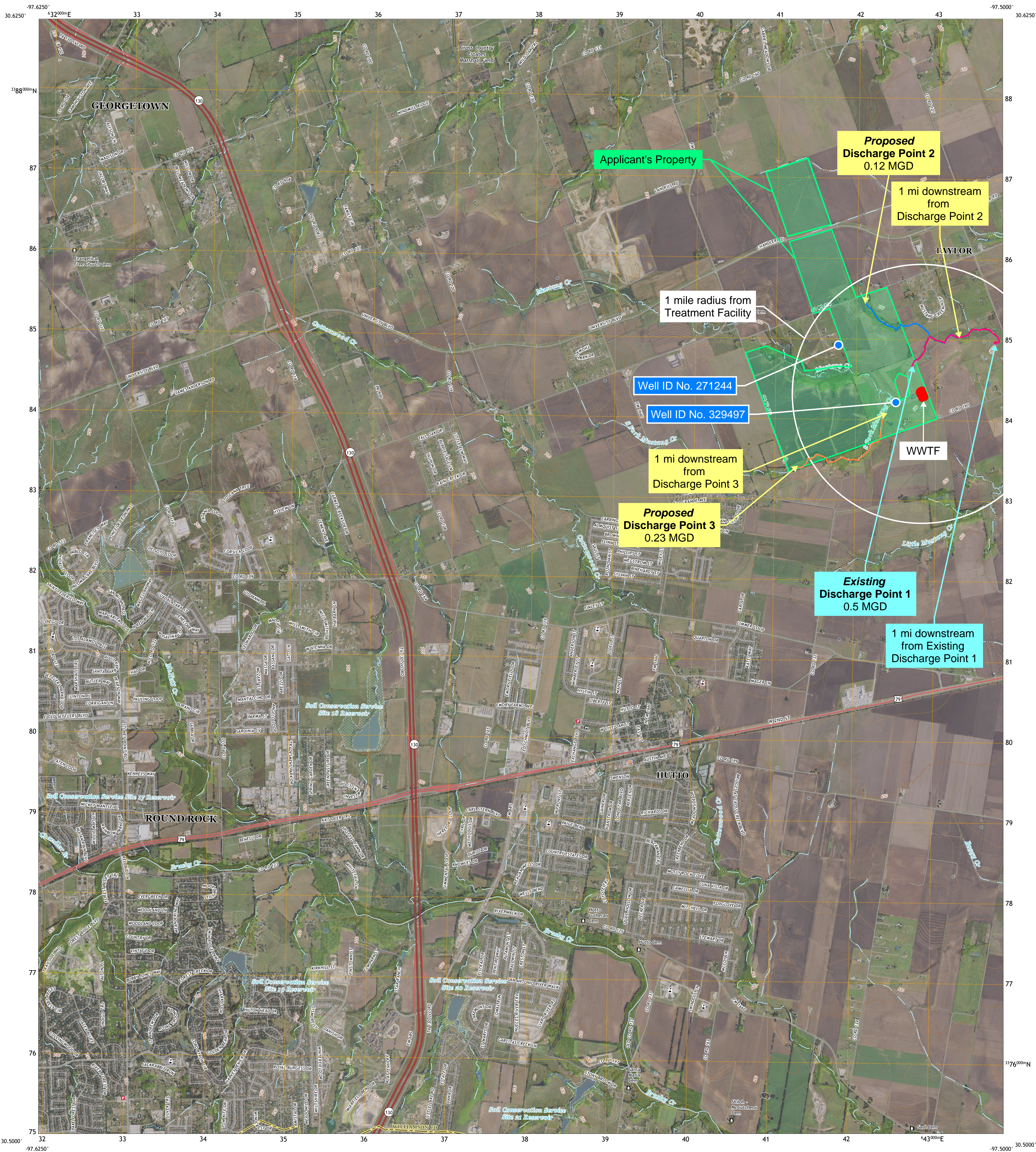
# Flora WWTF - USGS Map



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



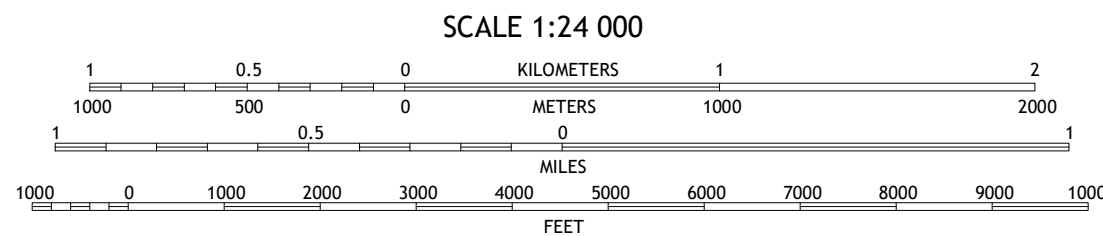
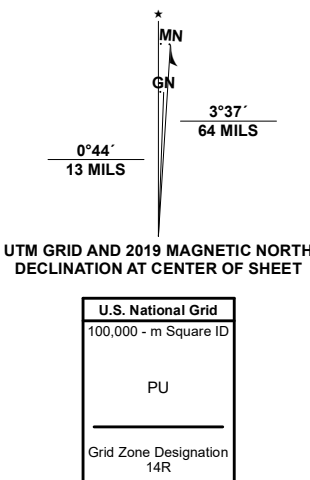
HUTTO QUADRANGLE  
TEXAS  
7.5-MINUTE SERIES



Produced by the United States Geological Survey

North American Datum of 1983 (NAD83)  
World Geodetic System of 1984 (WGS84). Projection and  
1 000-meter grid/Universal Transverse Mercator, Zone 14R.  
This map is not a legal document. Boundaries may be  
generalized for this map scale. Private lands within government  
reservations may not be shown. Obtain permission before  
entering private lands.

Imagery.....NAIP, September 2016 - November 2016  
Roads.....U.S. Census Bureau, 2015 - 2019  
Names.....GNIS, 2000 - 2021  
Hydrography.....National Hydrography Dataset, 2002 - 2020  
Contours.....National Elevation Dataset, 2019  
Boundaries.....Multiple sources; see metadata file 2019 - 2021  
Wetlands.....FWS National Wetlands Inventory Not Available



CONTOUR INTERVAL 10 FEET  
NORTH AMERICAN DATUM OF 1988  
This map was produced to conform with the  
National Geospatial Program US Topo Product Standard.



1	2	3
4	5	6
7	8	9

ADJOINING QUADRANGLES

1 Georgetown  
2 Weir  
3 Granger  
4 Round Rock  
5 Taylor  
6flugerville West  
7flugerville East  
8 Coupland

ROAD CLASSIFICATION

Expressway  
Secondary Hwy  
Ramp  
Interstate Route  
Local Connector  
Local Road  
4WD  
US Route  
State Route

HUTTO, TX  
2022





# Flora WWTF - USGS Map



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



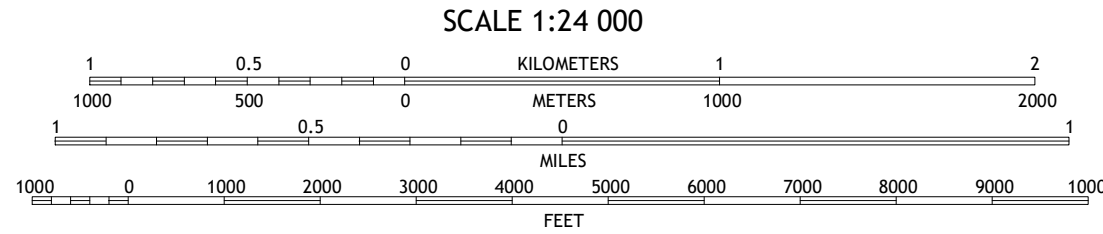
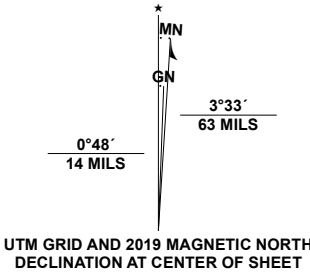
TAYLOR QUADRANGLE  
TEXAS - WILLIAMSON COUNTY  
7.5-MINUTE SERIES



## Produced by the United States Geological Survey

North American Datum of 1983 (NAD83)  
World Geodetic System of 1984 (WGS84), Projection and  
1 000-meter grid/Universal Transverse Mercator, Zone 14R  
This map is not a legal document. Boundaries may be  
generalized for this map scale. Private lands within government  
reservations may not be shown. Obtain permission before  
entering private lands.

Imagery.....N.A.I.P., September 2016 - November 2016  
Roads.....U.S. Census Bureau, 2015 - 2019  
Names.....GNIS, 2000 - 2021  
Hydrography.....National Hydrography Dataset, 2002 - 2020  
Contours.....National Elevation Dataset, 2019  
Boundaries.....Multiple sources; see metadata file 2019 - 2021  
Wetlands.....FWS National Wetlands Inventory Not Available



CONTOUR INTERVAL 10 FEET  
NORTH AMERICAN DATUM OF 1988  
This map was produced to conform with the  
National Geospatial Program US Topo Product Standard.



1	2	3
4	5	6
7	8	9

1 Weir  
2 Granger  
3 Granger Lake  
4 Hutto  
5 Thrall  
6 Plugerville East  
7 Coupland  
8 Structure

ROAD CLASSIFICATION  
Expressway  
Secondary Hwy  
Ramp  
Local Connector  
Local Road  
4WD  
US Route  
State Route

TAYLOR, TX  
2022





## STATE OF TEXAS WELL REPORT for Tracking #271244

Owner: **Dwayne Doherty**

Owner Well #: **No Data**

Address: **151 Mustang Dr.  
Hutto, TX 78634**

Grid #: **58-28-3**

Well Location: **151 Mustang Dr.  
Hutto, TX 78634**

Latitude: **30° 35' 16" N**

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**

	<i>Diameter (in.)</i>	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>
Borehole:	<b>9</b>	<b>0</b>	<b>50</b>
	<b>6.75</b>	<b>50</b>	<b>950</b>

Drilling Method: **Air Rotary**

Borehole Completion: **Straight Wall**

	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>	<i>Description (number of sacks &amp; material)</i>
Annular Seal Data:	<b>1</b>	<b>50</b>	<b>5cmt 2 volclay</b>

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**

	<i>Description (number of sacks &amp; material)</i>	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>
Plug Information:	<b>n/a</b>		

Water Quality:

Strata Depth (ft.)	Water Type
<b>830-930</b>	<b>Edwards</b>

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

Casing:  
BLANK PIPE & WELL SCREEN DATA

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

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
<b>5 od</b>	<b>new</b>	<b>sdr17 pvc</b>	<b>-2 to 890</b>
<b>5 od</b>	<b>new</b>	<b>sdr17 pvc (.032)</b>	<b>screen 890 to 930</b>
<b>5 od</b>	<b>new</b>	<b>sdr17 pvc</b>	<b>930 to 950</b>

---

**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:	<b>3 G Ranch</b>	Owner Well #:	<b>1</b>
Address:	<b>900 CR 160 Taylor, TX 76574</b>	Grid #:	<b>58-28-6</b>
Well Location:	<b>900 CR 160 Taylor, TX 76574</b>	Latitude:	<b>30° 34' 54" N</b>
Well County:	<b>Williamson</b>	Longitude:	<b>097° 30' 48" W</b>
		Elevation:	<b>No Data</b>
Type of Work:	<b>New Well</b>	Proposed Use:	<b>Stock</b>

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

	<i>Diameter (in.)</i>	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>
Borehole:	<b>12</b>	<b>0</b>	<b>38</b>
	<b>6.75</b>	<b>38</b>	<b>980</b>

Drilling Method: **Air Rotary**

Borehole Completion: **Straight Wall**

	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>	<i>Description (number of sacks &amp; material)</i>
Annular Seal Data:	<b>0</b>	<b>5</b>	<b>3.5 benseal</b>
	<b>5</b>	<b>60</b>	<b>7benseal</b>

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:

<i>Strata Depth (ft.)</i>	<i>Water Type</i>
<b>807-960</b>	<b>edwards</b>

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

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

<i>Dia. (in.)</i>	<i>New/Used</i>	<i>Type</i>	<i>Setting From/To (ft.)</i>
<b>4.5</b>	<b>new</b>	<b>plastic solid</b>	<b>2-840</b>
<b>4.5</b>	<b>new</b>	<b>plastic mill screen</b>	<b>840-960 .032</b>

**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:	<b>James Construction</b>	Owner Well #:	<b>No Data</b>
Address:	<b>51 CR 368 Taylor, TX 76574</b>	Grid #:	<b>58-28-3</b>
Well Location:	<b>51 CR 368 Taylor, TX 76574</b>	Latitude:	<b>30° 36' 00.72" N</b>
Well County:	<b>Williamson</b>	Longitude:	<b>097° 30' 14.4" W</b>
		Elevation:	<b>No Data</b>

---

Well Type: **Withdrawal of Water**

### Drilling Information

Company:	<b>No Data</b>	Date Drilled:	<b>No Data</b>
Driller:	<b>Unknown</b>	License Number:	<b>No Data</b>

	Diameter (in.)	Top Depth (ft.)	Bottom Depth (ft.)
Borehole:	<b>38</b>	<b>0</b>	<b>39</b>

### 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:

**No Data**

Plug(s) Placed in Well:

Top (ft.)	Bottom (ft.)	Description (number of sacks & material)
<b>0</b>	<b>39</b>	<b>Black Clay 12 Yards</b>

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**





# TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

## DOMESTIC WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.0

---

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

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

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

#### A. Existing/Interim I Phase

Design Flow (MGD): 0.2

2-Hr Peak Flow (MGD): 0.8

Estimated construction start date: Aug 2023

Estimated waste disposal start date: Mar 2025

#### B. Interim II Phase

Design Flow (MGD): 0.4

2-Hr Peak Flow (MGD): 1.6

Estimated construction start date: Oct 2025

Estimated waste disposal start date: Mar 2026

#### Interim III Phase

Design Flow (MGD): 0.6

2-Hr Peak Flow (MGD): 2.4

Estimated construction start date: Oct 2026

Estimated waste disposal start date: Mar 2027

#### C. Final Phase

Design Flow (MGD): 0.85

2-Hr Peak Flow (MGD): 3.4

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

### 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: Click to enter text.

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

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

disposal site.

**Attachment:** Site Map

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

Click to enter text.

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

#### Collection System Information

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

### Section 4. Unbuilt Phases (Instructions Page 45)

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

Click to enter text.

### Section 5. Closure Plans (Instructions Page 45)

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

[Click to enter text.](#)

## Section 6. Permit Specific Requirements (Instructions Page 45)

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

### A. Summary transmittal

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

☐ Yes ☒ No

If **yes**, provide the date(s) of approval for each phase: [Click to enter text.](#)

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

[Click to enter text.](#)

### B. Buffer zones

Have the buffer zone requirements been met?

☒ Yes ☐ No

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

The buffer zone will be met by ownership.

### C. Other actions required by the current permit

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

☐ Yes ☒ No

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

Click to enter text.

### D. Grit and grease treatment

#### 1. Acceptance of grit and grease waste

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

☐ Yes ☒ No

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

#### 2. Grit and grease processing

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

Click to enter text.

#### 3. Grit disposal

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

☐ Yes ☐ No

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

Describe the method of grit disposal.

Click to enter text.

#### 4. Grease and decanted liquid disposal

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

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

Click to enter text.

### E. Stormwater management

#### 1. Applicability

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

☐ Yes ☒ No

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

☐ Yes ☒ No

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

#### 2. MSGP coverage

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

☐ Yes ☐ No

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

TXR05 [Click to enter text.](#) or TXRNE [Click to enter text.](#)

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

☐ Yes ☐ No

#### 3. Conditional exclusion

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

☐ Yes ☐ No

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

Click to enter text.

**4. Existing coverage in individual permit**

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

☐ Yes ☐ No

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

Click to enter text.

**5. Zero stormwater discharge**

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

☐ Yes ☐ No

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

Click to enter text.

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

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

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

☐ Yes ☐ No

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

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

[Click to enter text.](#)

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

#### F. Discharges to the Lake Houston Watershed

Does the facility discharge in the Lake Houston watershed?

☐ Yes ☒ No

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

[Click to enter text.](#)

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

##### 1. Acceptance of sludge from other WWTPs

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

☐ Yes ☒ No

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

In addition, provide the date the plant started or is anticipated to start accepting sludge, an estimate of monthly sludge acceptance (gallons or millions of gallons), an estimate of the BOD<sub>5</sub> concentration of the sludge, and the design BOD<sub>5</sub> concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.

[Click to enter text.](#)

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

##### 2. Acceptance of septic waste

Is the facility accepting or will it accept septic waste?

☐ Yes ☒ No

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

☐ Yes ☐ No

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

☐ Yes ☐ No



If **yes to any of the above**, provide the date the plant started or is anticipated to start accepting septic waste, an estimate of monthly septic waste acceptance (gallons or millions of gallons), an estimate of the BOD<sub>5</sub> concentration of the septic waste, and the design BOD<sub>5</sub> concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.

Click to enter text.

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

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

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

☐ Yes ☒ No

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

Click to enter text.

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

Is the facility in operation?

☐ Yes ☒ No

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

If **yes**, provide effluent analysis data for the listed pollutants. **Wastewater treatment facilities** complete Table 1.0(2). **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.

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

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
CBOD <sub>5</sub> , 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					
Enterococci (CFU/100ml) saltwater					
Total Dissolved Solids, mg/l					
Electrical Conductivity, $\mu$ mohs/cm, †					
Oil & Grease, mg/l					
Alkalinity (CaCO <sub>3</sub> )*, 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 <sub>3</sub> ), mg/l					

## Section 8. Facility Operator (Instructions Page 50)

Facility Operator Name: William AbshireFacility Operator's License Classification and Level: AFacility Operator's License Number: WW0014404

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

### A. WWTP's Biosolids Management Facility Type

Check all that apply. See instructions for guidance

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

### B. WWTP's Biosolids Treatment Process

Check all that apply. See instructions for guidance.

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

### C. Biosolids Management

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

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

#### Biosolids Management

Management Practice	Handler or Preparer Type	Bulk or Bag Container	Amount (dry metric tons)	Pathogen Reduction Options	Vector Attraction Reduction Option
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: [Travis](#)

#### 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 ☐ solid ☐

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

#### A. Beneficial use authorization

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

☐ Yes ☐ No

## B. Sludge processing authorization

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

Sludge Composting	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
Marketing and Distribution of sludge	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
Sludge Surface Disposal or Sludge Monofill	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
Temporary storage in sludge lagoons	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No

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

☐ Yes ☐ No

## Section 11. Sewage Sludge Lagoons (Instructions Page 53)

Does this facility include sewage sludge lagoons?

☐ Yes ☒ No

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

### A. Location information

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

- Original General Highway (County) Map:  
**Attachment:** [Click to enter text.](#)
- USDA Natural Resources Conservation Service Soil Map:  
**Attachment:** [Click to enter text.](#)
- Federal Emergency Management Map:  
**Attachment:** [Click to enter text.](#)
- Site map:  
**Attachment:** [Click to enter text.](#)

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

- ☐ Overlap a designated 100-year frequency flood plain
- ☐ Soils with flooding classification
- ☐ Overlap an unstable area
- ☐ Wetlands
- ☐ Located less than 60 meters from a fault
- ☐ None of the above

**Attachment:** [Click to enter text.](#)

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

[Click to enter text.](#)

## B. Temporary storage information

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

Nitrate Nitrogen, mg/kg: [Click to enter text.](#)

Total Kjeldahl Nitrogen, mg/kg: [Click to enter text.](#)

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

Phosphorus, mg/kg: [Click to enter text.](#)

Potassium, mg/kg: [Click to enter text.](#)

pH, standard units: [Click to enter text.](#)

Ammonia Nitrogen mg/kg: [Click to enter text.](#)

Arsenic: [Click to enter text.](#)

Cadmium: [Click to enter text.](#)

Chromium: [Click to enter text.](#)

Copper: [Click to enter text.](#)

Lead: [Click to enter text.](#)

Mercury: [Click to enter text.](#)

Molybdenum: [Click to enter text.](#)

Nickel: [Click to enter text.](#)

Selenium: [Click to enter text.](#)

Zinc: [Click to enter text.](#)

Total PCBs: [Click to enter text.](#)

Provide the following information:

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

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

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

## C. Liner information

Does the active/proposed sludge lagoon(s) have a liner with a maximum hydraulic conductivity of  $1 \times 10^{-7}$  cm/sec?

☐ Yes ☐ No

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

[Click to enter text.](#)

#### D. Site development plan

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

[Click to enter text.](#)

Attach the following documents to the application.

- Plan view and cross-section of the sludge lagoon(s)  
**Attachment:** [Click to enter text.](#)
- Copy of the closure plan  
**Attachment:** [Click to enter text.](#)
- Copy of deed recordation for the site  
**Attachment:** [Click to enter text.](#)
- Size of the sludge lagoon(s) in surface acres and capacity in cubic feet and gallons  
**Attachment:** [Click to enter text.](#)
- Description of the method of controlling infiltration of groundwater and surface water from entering the site  
**Attachment:** [Click to enter text.](#)
- Procedures to prevent the occurrence of nuisance conditions  
**Attachment:** [Click to enter text.](#)

#### E. Groundwater monitoring

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

☐ Yes ☐ No

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

**Attachment:** [Click to enter text.](#)

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

### A. Additional authorizations

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

☐ Yes ☐ No

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

Click to enter text.

### B. Permittee enforcement status

Is the permittee currently under enforcement for this facility?

☐ Yes ☐ No

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

☐ Yes ☐ No

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

Click to enter text.

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

### A. RCRA hazardous wastes

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

☐ Yes ☐ No



**B. Remediation activity wastewater**

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

☐ Yes ☐ No

**C. Details about wastes received**

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

**Attachment:** [Click to enter text.](#)

## Section 14. Laboratory Accreditation (Instructions Page 56)

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

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

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

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

### CERTIFICATION:

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

Printed Name: Stephen Sellers

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

Signature: 

Date: 9/20/2024

# 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 [TCEQ's Regionalization Policy for Wastewater Treatment](#)<sup>1</sup>.

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

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

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

**Attachment:** [Click to enter text.](#)

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

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

☒ Yes ☐ No

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

**Attachment:** [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 **yes**, provide organic loading information in Item A, Current Organic Loading

### A. Current organic loading

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

Average Influent Organic Strength or BOD<sub>5</sub> Concentration in mg/l: [Click to enter text.](#)

Average Influent Loading (lbs/day = total average flow X average BOD<sub>5</sub> conc. X 8.34): [Click to enter text.](#)

Provide the source of the average organic strength or BOD<sub>5</sub> 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 <sub>5</sub> 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: 2

Total Phosphorus, mg/l: N/A

Dissolved Oxygen, mg/l: ≥4

Other: N/A

**B. Interim II Phase Design Effluent Quality**Biochemical Oxygen Demand (5-day), mg/l: 10Total Suspended Solids, mg/l: 5Ammonia Nitrogen, mg/l: 3Total Phosphorus, mg/l: N/ADissolved Oxygen, mg/l: ≥4Other: N/A**Interim III Phase Design Effluent Quality**Biochemical Oxygen Demand (5-day), mg/l: 10Total Suspended Solids, mg/l: 5Ammonia Nitrogen, mg/l: 3Total Phosphorus, mg/l: N/ADissolved Oxygen, mg/l: ≥4Other: N/A**C. Final Phase Design Effluent Quality**Biochemical Oxygen Demand (5-day), mg/l: 10Total Suspended Solids, mg/l: 5Ammonia Nitrogen, mg/l: 3Total Phosphorus, mg/l: N/ADissolved Oxygen, mg/l: ≥4Other: N/A**D. Disinfection Method**

Identify the proposed method of disinfection.

☒ Chlorine: 1-4 mg/l after 20 minutes detention time at peak flowDechlorination process: **OR**☒ Ultraviolet Light: 10 seconds contact time at peak flow☐ Other: Click to enter text.**Section 4. Design Calculations (Instructions Page 59)**

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

**Attachment:** Calculations**Section 5. Facility Site (Instructions Page 60)****A. 100-year floodplain**Will the proposed facilities be located above the 100-year frequency flood level?☒ Yes ☐ No

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

Click to enter text.



Also included is email correspondence following cursory level modelling by TCEQ:

**From:** Josi Robertson <[Josi.Robertson@tceq.texas.gov](mailto:Josi.Robertson@tceq.texas.gov)>  
**Sent:** Thursday, April 4, 2024 2:06 PM  
**To:** Adam Berry <[aberry@grayengineeringinc.com](mailto:aberry@grayengineeringinc.com)>  
**Cc:** Seth Mearig <[SMearig@grayengineeringinc.com](mailto:SMearig@grayengineeringinc.com)>  
**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 much more stringent. 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 ☒ No

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

☐ Yes ☐ No

If **yes**, provide the permit number: [Click to enter text.](#)

If **no**, provide the approximate date you anticipate submitting your application to the Corps: [Click to enter text.](#)

## B. Wind rose

Attach a wind rose: [Windrose](#)

# Section 6. Permit Authorization for Sewage Sludge Disposal (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 ☒ No

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

## B. Sludge processing authorization

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

- ☐ Sludge Composting
- ☐ Marketing and Distribution of sludge
- ☐ Sludge Surface Disposal or Sludge Monofill

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

# Section 7. Sewage Sludge Solids Management Plan (Instructions Page 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.

## 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 to Section 2. If **yes**, provide the following:

Owner of the drinking water supply: NA

Distance and direction to the intake: NA

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: 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?

☐ Yes ☒ No

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

NA

### Section 3. Classified Segments (Instructions Page 64)

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

☐ Yes ☒ No

If **yes**, this Worksheet is complete.

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

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

Name of the immediate receiving waters: 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.

- ☒ Stream
- ☐ Freshwater Swamp or Marsh
- ☐ Lake or Pond

Surface area, in acres: [Click to enter text.](#)

Average depth of the entire water body, in feet: [Click to enter text.](#)

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

- ☐ Man-made Channel or Ditch
- ☐ Open Bay
- ☐ Tidal Stream, Bayou, or Marsh
- ☐ Other, specify: [Click to enter text.](#)

#### B. Flow characteristics

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

- ☒ Intermittent - dry for at least one week during most years
- ☐ Intermittent with Perennial Pools - enduring pools with sufficient habitat to maintain significant aquatic life uses
- ☐ Perennial - normally flowing

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

- ☐ USGS flow records
- ☐ Historical observation by adjacent landowners

- ☒ Personal observation  
☐ Other, specify: Click to enter text.

### C. Downstream perennial confluences

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

N/A

### D. Downstream characteristics

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

☐ Yes ☒ No

If yes, discuss how.

Click to enter text.

### E. Normal dry weather characteristics

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

Small flows, relatively clean water and trees and brush along banks.

Date and time of observation: July 9 2024, 9AM

Was the water body influenced by stormwater runoff during observations?

☒ Yes ☐ No

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

### A. Upstream influences

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

- |   |   |
|---|---|
| <input type="checkbox"/> Oil field activities | <input type="checkbox"/> Urban runoff                             |
| <input type="checkbox"/> Upstream discharges  | <input type="checkbox"/> Agricultural runoff                      |
| <input type="checkbox"/> Septic tanks         | <input checked="" type="checkbox"/> Other(s), specify: <u>N/A</u> |

## B. Waterbody uses

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

- |  |   |
|--|---|
| <input type="checkbox"/> Livestock watering    | <input type="checkbox"/> Contact recreation                       |
| <input type="checkbox"/> Irrigation withdrawal | <input type="checkbox"/> Non-contact recreation                   |
| <input type="checkbox"/> Fishing               | <input type="checkbox"/> Navigation                               |
| <input type="checkbox"/> Domestic water supply | <input type="checkbox"/> Industrial water supply                  |
| <input type="checkbox"/> Park activities       | <input checked="" type="checkbox"/> Other(s), specify: <u>N/A</u> |

## 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 2.0: 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 to Section 2. If **yes**, provide the following:

Owner of the drinking water supply: NA

Distance and direction to the intake: NA

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: 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?

☐ Yes ☒ No

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

NA

### Section 3. Classified Segments (Instructions Page 64)

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

☐ Yes ☒ No

If **yes**, this Worksheet is complete.

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

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

Name of the immediate receiving waters: 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
- ☒ Personal observation

☐ Other, specify: [Click to enter text.](#)

### C. Downstream perennial confluences

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

N/A

### D. Downstream characteristics

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

☐ Yes ☒ No

If yes, discuss how.

[Click to enter text.](#)

### E. Normal dry weather characteristics

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

[Please see attached worksheet 2.1](#)

Date and time of observation: [See attached worksheet 2.1](#)

Was the water body influenced by stormwater runoff during observations?

☒ Yes ☐ No

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

### A. Upstream influences

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

☐ Oil field activities

☐ Urban runoff

☐ Upstream discharges

☐ Agricultural runoff

☐ Septic tanks

☒ Other(s), specify: [N/A](#)



## B. Waterbody uses

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

- |  |   |
|--|---|
| <input type="checkbox"/> Livestock watering    | <input type="checkbox"/> Contact recreation                       |
| <input type="checkbox"/> Irrigation withdrawal | <input type="checkbox"/> Non-contact recreation                   |
| <input type="checkbox"/> Fishing               | <input type="checkbox"/> Navigation                               |
| <input type="checkbox"/> Domestic water supply | <input type="checkbox"/> Industrial water supply                  |
| <input type="checkbox"/> Park activities       | <input checked="" type="checkbox"/> Other(s), specify: <u>N/A</u> |

## 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).

☐ Perennial ☒ 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: 0

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 high-water 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)	Stream depths (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:  $\frac{5'}{2,597'} = 0.0019$  (USGS). TNRIS LIDAR DEM =  $\frac{1'}{2,597'} = 0.000385$

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

Length of stream evaluated, in feet: 2,597

Number of lateral transects made: 4

Average stream width, in feet: 12.4

Average stream depth, in feet: 0.99

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

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

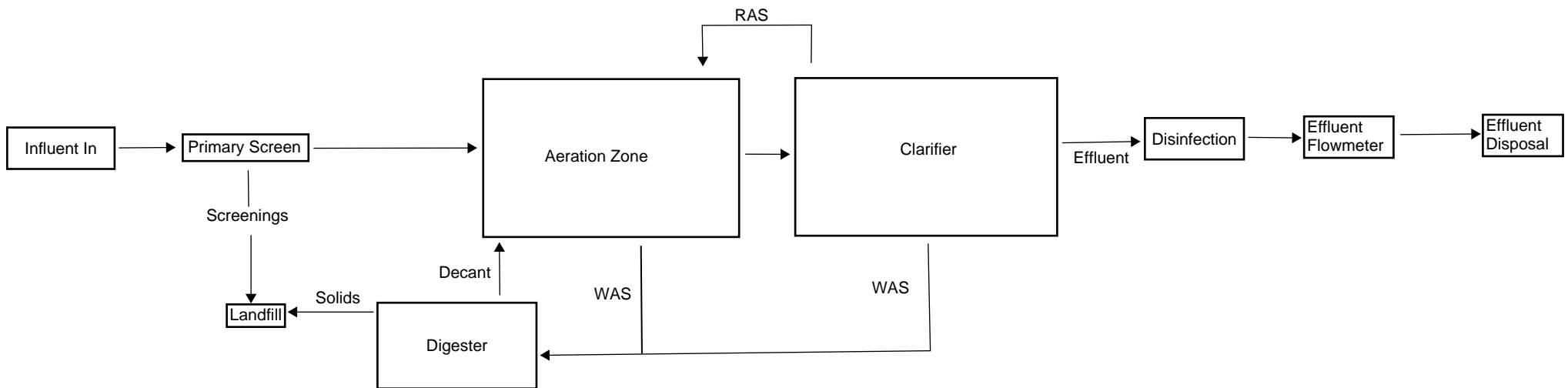
Indicate flow measurement method (type of meter, floating chip timed over a fixed distance, etc.): Float

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

Maximum pool depth, in feet: 2.5

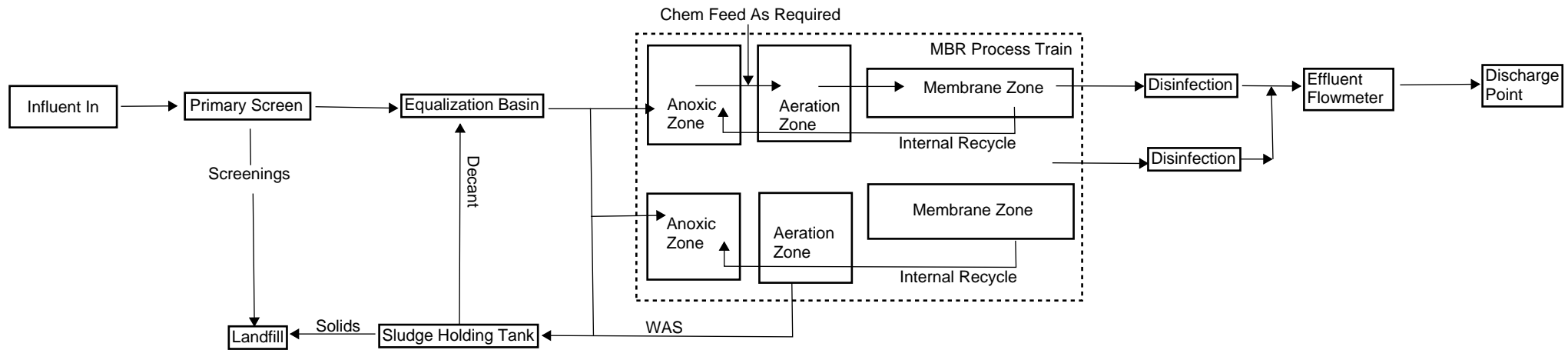
# Flora WWTF - Process Flow Diagram

Phase 1 - 200,000 gpd



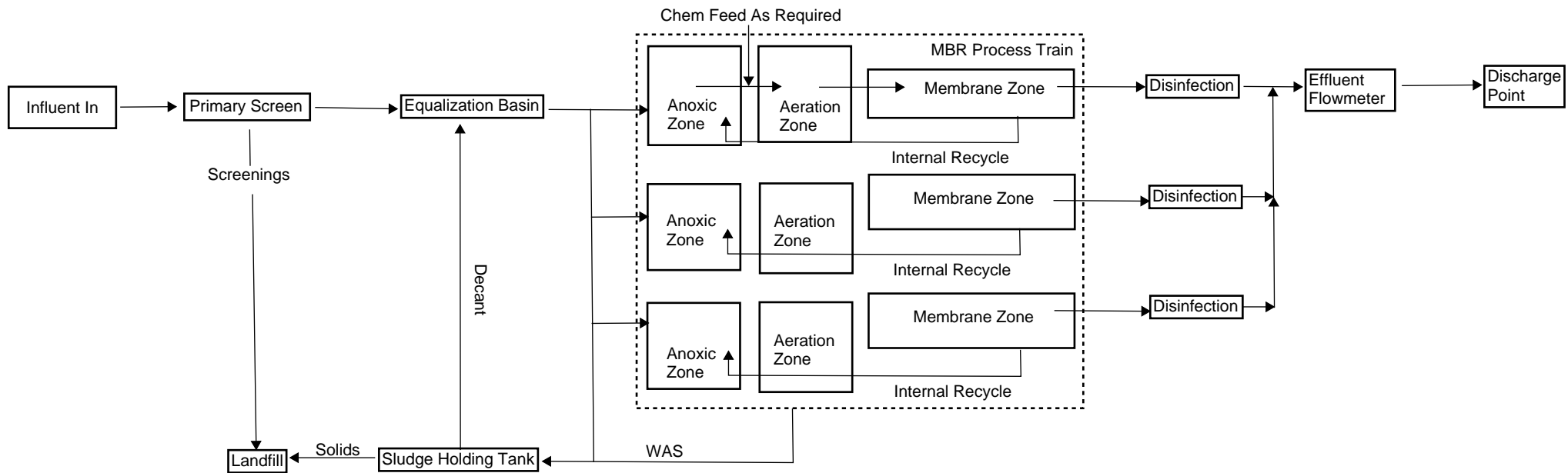
# Flora WWTF - Process Flow Diagram

Phase 2 - 400,000 gpd



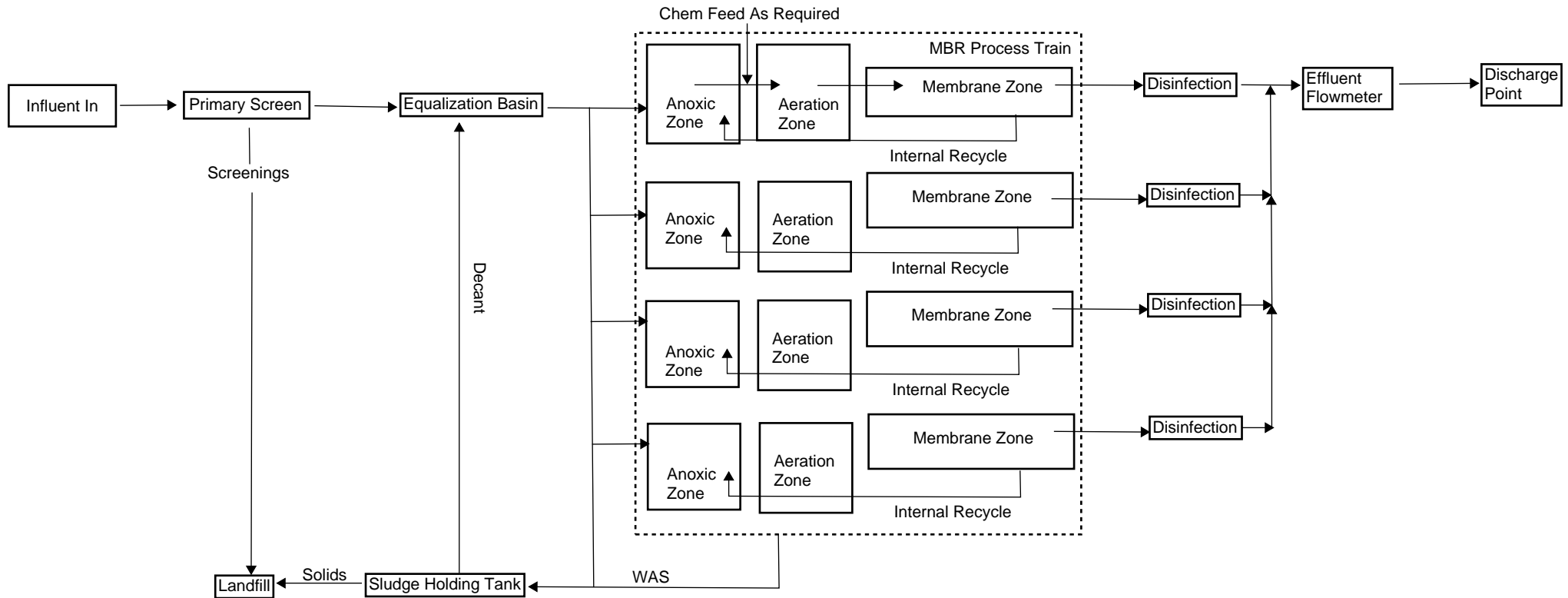
# Flora WWTF - Process Flow Diagram

Phase 3 - 600,000 gpd



# Flora WWTF - Process Flow Diagram

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

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	Flora	Flow	Proposed 600,000 gpd - Existing 200,000 gpd
Date	8/27/2024	2 hr peak	400,000 gpd
Phase #	3		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	Flow	Proposed 850,000 gpd - Existing 200,000 gpd
Date	8/27/2024	2 hr peak	650,000 gpd
Phase #	4		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 10 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 10 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 10 days

Sludge Gallons Req'd 130000 gal

# Flora WWTF - Bioreactor Calculations

Bioreactor Calculation							
1. Design Calculation							
1.1 Influent (m3/day)				1.2 Factors			
Items	unit	m3/day	gal/day	Items	HRT	19.0	hr
	Average	379	100,000		SRT	25.0	day
					C/N	4.7	
	Design Flow	757	200,000		C/P	29.6	
					Temp	20.0	°C
					Sludge return	250	%
1.3 Influent Quality							
Items	BOD	COD <sub>Mn</sub>	SS	T-N	T-P	E.coli.	Remarks
	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(Count/mL)	
Water quality	350.0	525.0	300.0	70.0	9.0	55000	
1.4 Influent and Effluent Water Quality							
Items	BOD	COD <sub>Mn</sub>	SS	T-N	T-P	E.coli.	
	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(Count/mL)	
Influent quality	350.0	525.0	300.0	70.0	9.0	55,000	
Effluent quality	5.0	10.0	5.0	20.0	1.0	1.26	
1.5 Bioreactor Volume							
Items	Width	Length	Depth	Height	tank	Volume	HRT
	(mW)	(mL)	(mHe)	(mH)	(#)	(m <sup>3</sup> )	(hr)
Anoxic	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
MBR	2.4	12.0	2.0	2.3	1	56.4	3.6
Total						363.8	19.0
Note: If bioreactor volume sizes are above the volume calculated by 30-40%, it will be okay.							
1.6 Sludge Production				1.7 Air Requirement			
Items	Sludge (m <sup>3</sup> /day)		Water contents (%)	Items	Oxic reactor (m <sup>3</sup> /min)		3.11
	6.0		99.2		MBR (m <sup>3</sup> /min)		12.0



## 2 MASS BALANCE

(Q = 757 m<sup>3</sup>/day)

200,000 GPD

Temp.: 20 °C  
68 F

Influent		
Q	757	
BOD	350.0	132.5
COD	525.0	198.7
SS	300.0	113.6
T-N	70.0	26.5
T-P	9.0	3.4
E.Coli	55,000	Count/ml

EQ Tank		
Q	757	
BOD	315.0	119.2
COD	472.5	178.8
SS	210.0	79.5
T-N	66.5	25.2
T-P	8.6	3.2
E.Coli	55000	Count/ml

Bioreactors		
Q	757	
BOD	315.0	119.2
COD	472.5	178.8
SS	210.0	79.5
T-N	66.5	25.2
T-P	8.6	3.2
E.Coli	55,000	Count/ml

Factors	
MLSS	5,800
	8,000
F/M	0.06
TEMP.	20
SRT	42.6
MLVSS	0.69
FLUX	0.4

Effluent		
Q	757	
BOD	5.0	1.9
COD	10.0	3.7
SS	5.0	1.9
T-N	20.0	7.5
T-P	1.0	0.4
E.Coli	1	Count/ml

Re use		
Q	373	
BOD	5.0	1.9
COD	10.0	3.7
SS	5.0	1.9
T-N	20.0	7.5
T-P	1.0	0.4
E.Coli	1	Count/ml

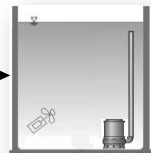


Influent



Drum Screen

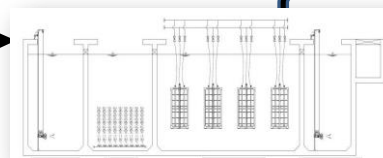
Drum Screen	
BOD	10%
COD	10%
SS	30%
T-N	5%
T-P	5%



EQ Tank

Aerated EQ

Sludge Return = 2.5 Q



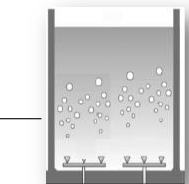
Bioreactors + Membrane

Sludge		
Q	6.0	
BOD	4,567	27.4
COD	3,928	23.6
SS	8,000	48.0
T-N	664	4.0
T-P	478	2.9

Bioreactors	
BOD	98.4
COD	97.9
SS	97.6
T-N	69.9
T-P	88.3
E.Coli	100.0



Effluent



Sludge Tank

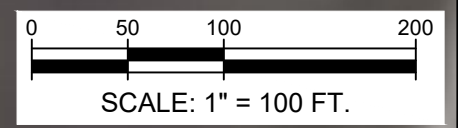
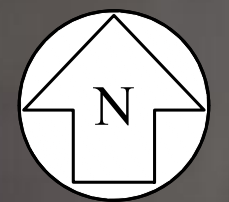
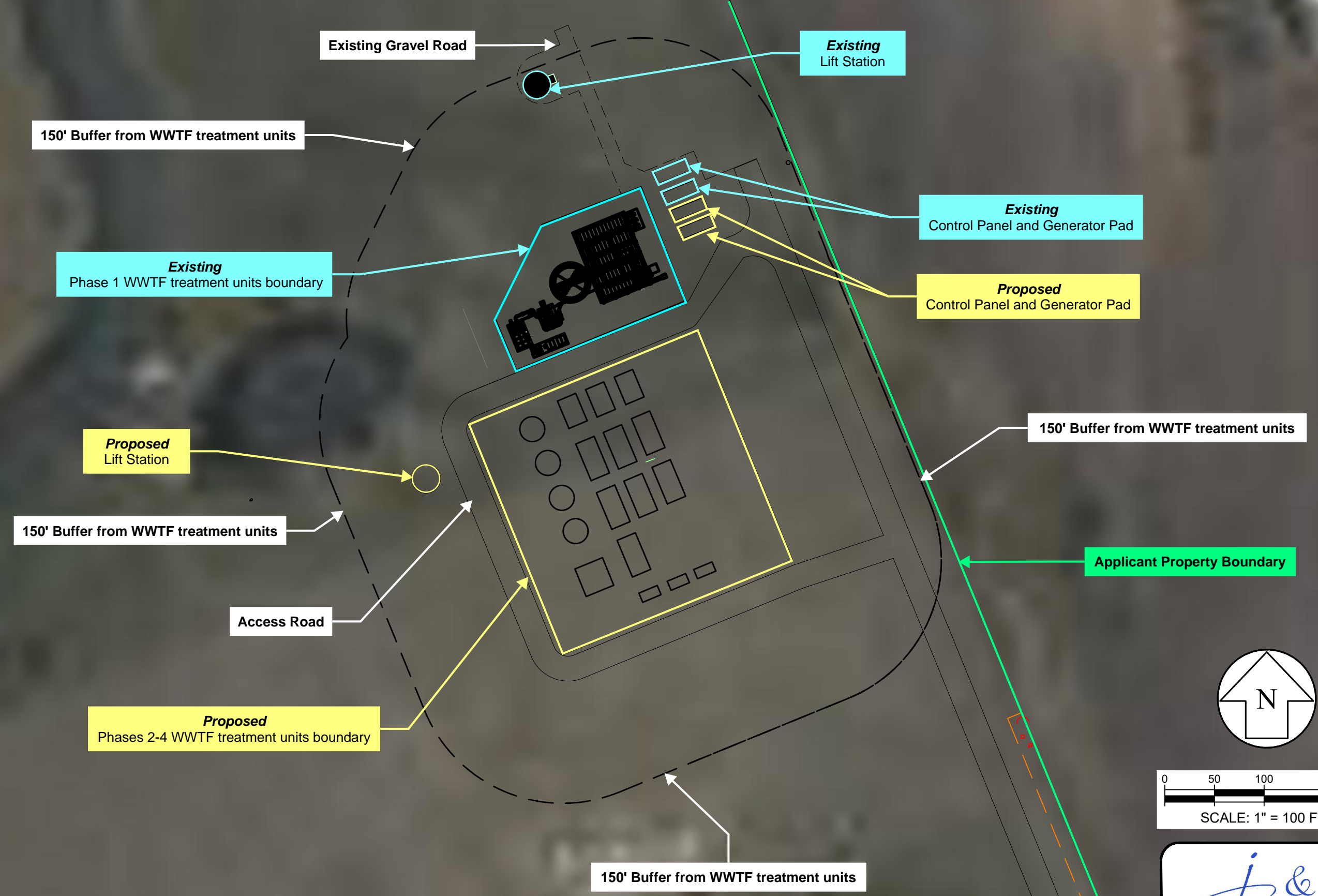
Legend	
→	Sewage
→	Sludge

Unit	
Q	m <sup>3</sup> /d
Con.	mg/L
Load	kg/day

## Appendix (Design Parameters)

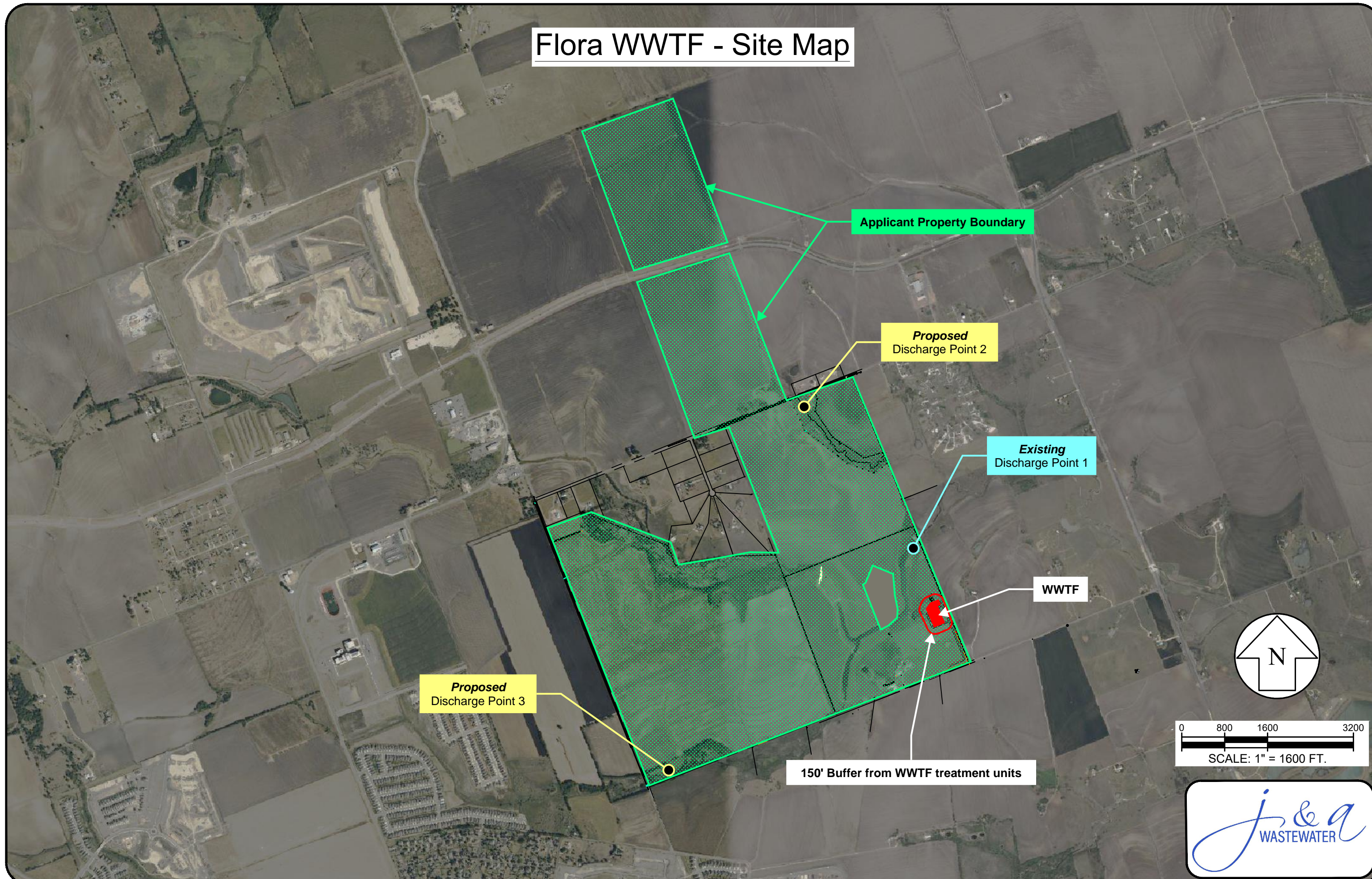
Items	Ranges			Design Values	Unit
Anoxic/Oxic MLSS ( $X_{TSR}$ )	4,000	~	9,500	5,800	mg/L
Oxic MLSS ( $X_{OX}$ )	6,000	~	12,000	8,000	mg/L
MLVSS/MLSS( $X_V$ )	MLVSS	/	MLSS	0.7	
F/M ration	0.01	~	0.30	0.06	kgBOD/kgMLVSS·d
Sludge return ( $X_{r1}$ )	50	~	400	250	%
Sludge retention time (SRT)	15	~	50	35.6	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 <sub>rem</sub>
b, Sludge decay coefficient	0.05	~	0.30	0.15	day <sup>-1</sup>
$\mu_{Nitr}$ , Max nitrifier production	0.30	~	0.60	0.47	day <sup>-1</sup>
$Y_N$ (net), Nitrifier yield	0.10	~	0.30	0.20	mgVSS/mgNH <sub>4</sub> N <sub>rem</sub>
$K_O$ , O <sub>2</sub> Half saturation coefficient	0.40	~	0.60	0.50	O <sub>2</sub> mg/L
$K_N$ NH <sub>4</sub> -N Half saturation coefficient	0.20	~	5.00	0.74	NH <sub>4</sub> -N mg/L
Membrane Flux	Design			0.40	m <sup>3</sup> /m <sup>2</sup> ·d
				16.7	LMH
				9.8	GFD
SNR, Specific Nitrification Rate	Oxic			2.70	mgNH <sub>4</sub> N/gMLVSS·hr
SDNR, Specific denitrification Rate				2.70	mgNO <sub>3</sub> N/gMLVSS·hr
SPUR				1.24	mg P/gMLSS·hr
BOD/ $P_{rel}$				12.0	P releasing
BOD/ $No_x$ -N <sub>rem</sub>				2.86	Denitrification
N/VSS, Nitrogen % in Biomass	5.00	~	12.0	12.0	%
P/VSS, Phosphorus % in Biomass	1.00	~	7.50	5.8	P uptaking (%)

# Flora WWTF - Buffer Zone Map





# Flora WWTF - Site Map



Applicant Property Boundary

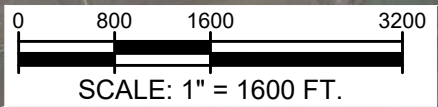
Proposed Discharge Point 2

Existing Discharge Point 1

WWTF

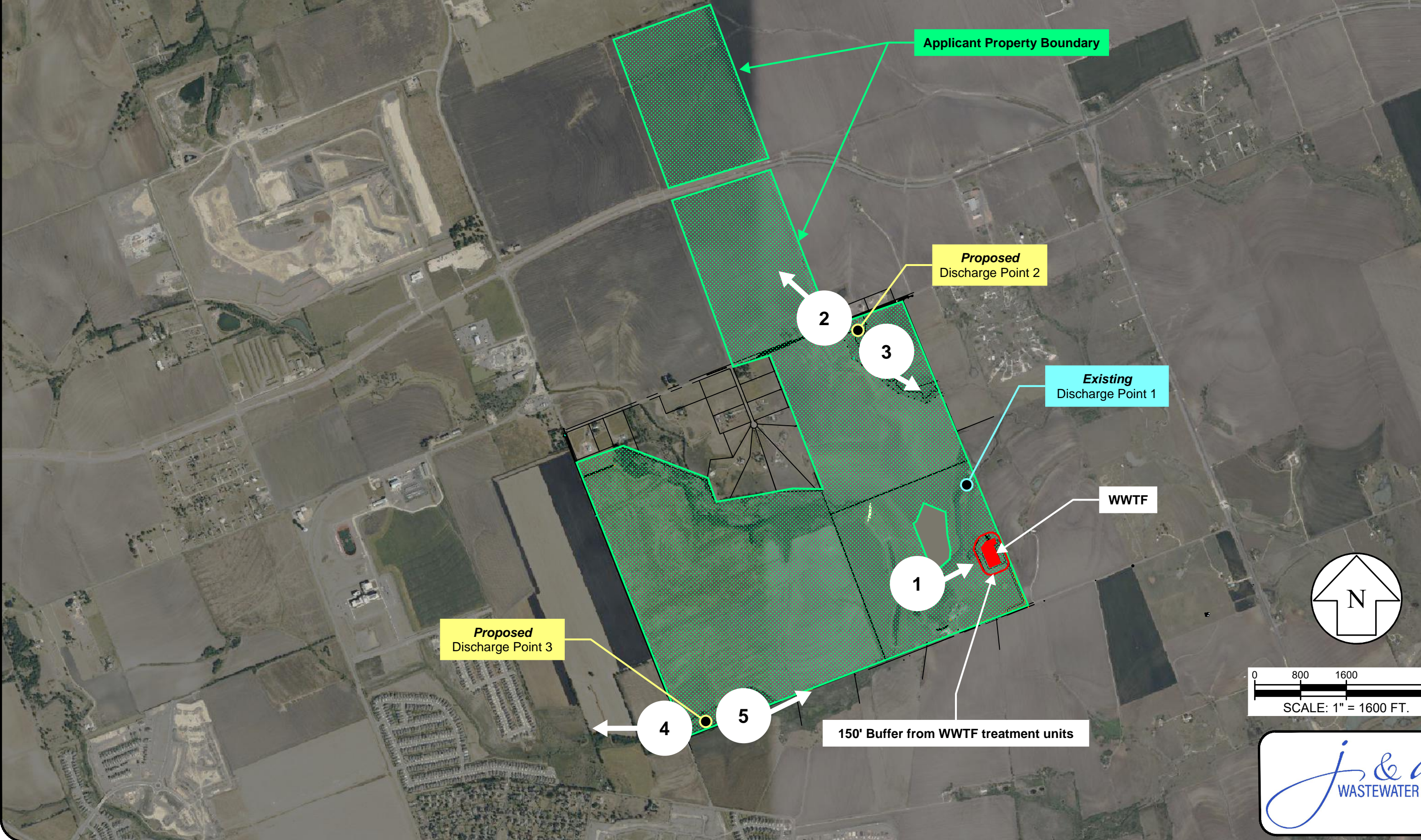
Proposed Discharge Point 3

150' Buffer from WWTF treatment units



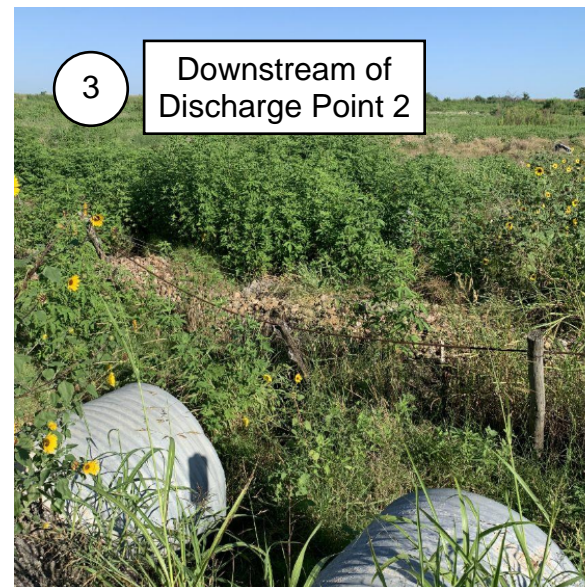
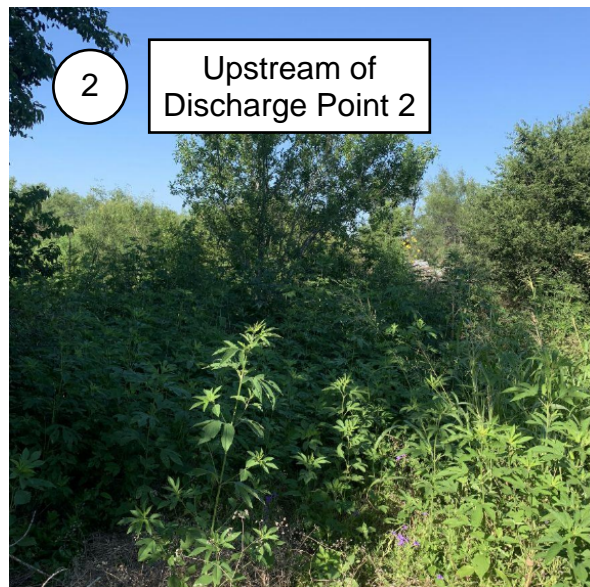
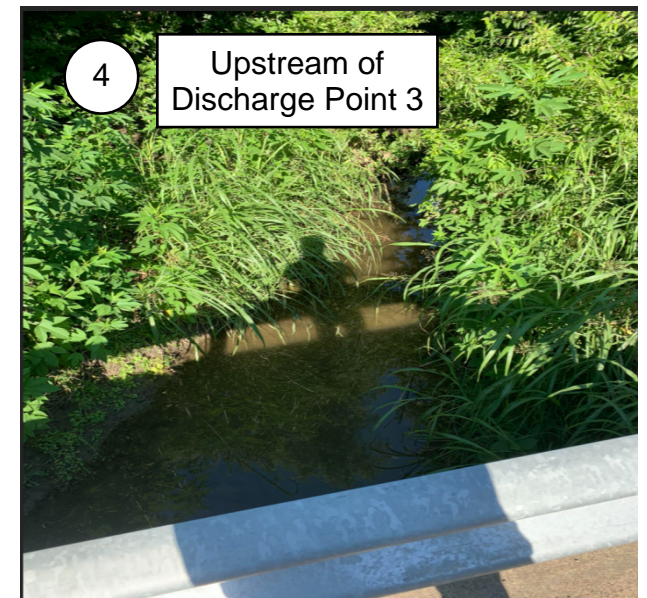
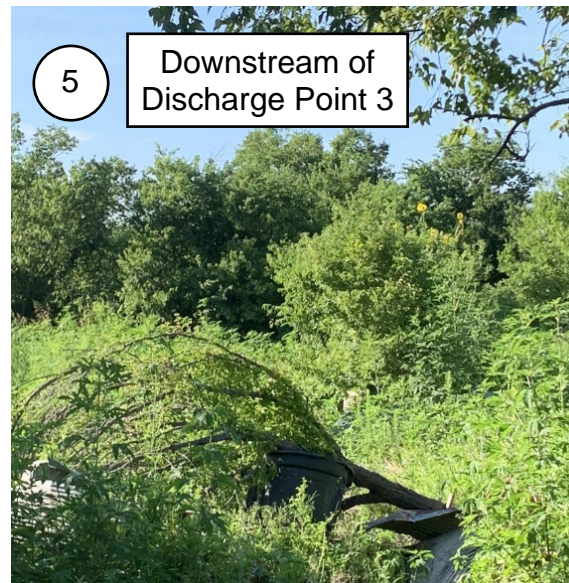


# Flora WWTF - Original Photos Map



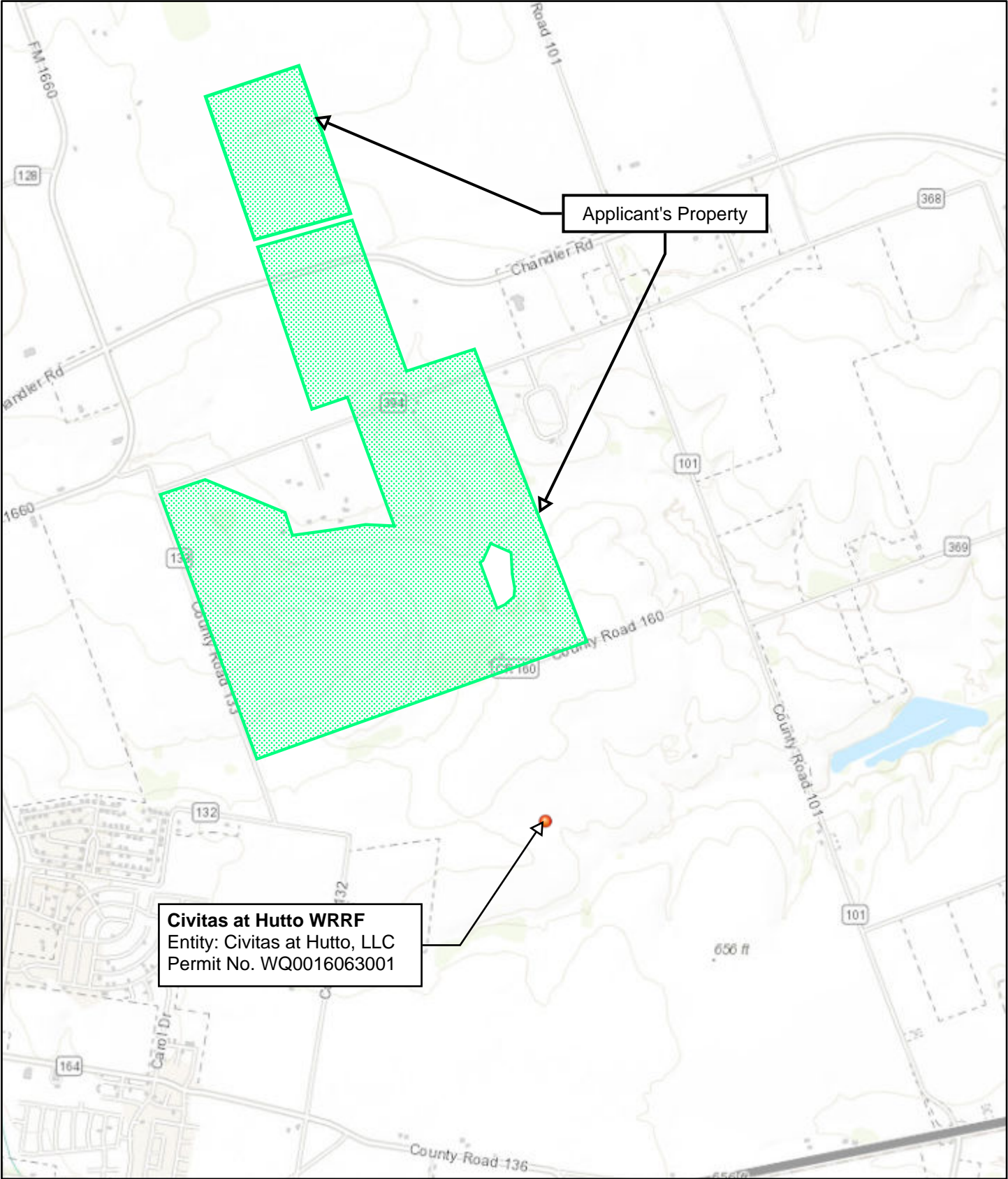


## Flora WWTF - Original Photos



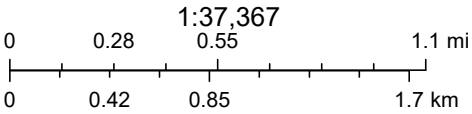


# Flora WWTF - Nearby Facilities



8/11/2024, 1:35:58 PM

 Wastewater Outfalls



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

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.

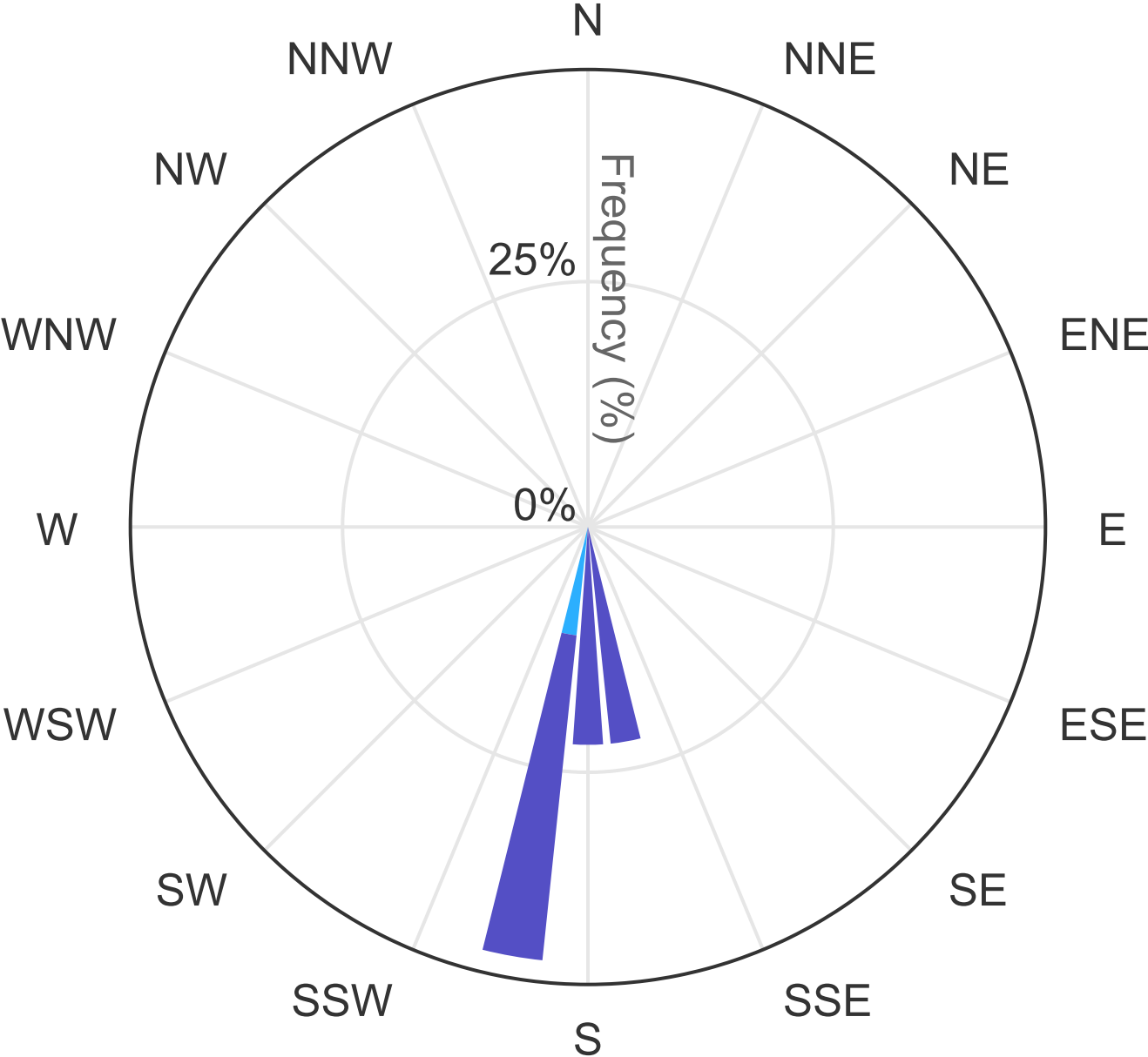
Sincerely,

Jamie L. Miller, P.E.  
President  
JA Wastewater  
5765 Fig Way  
Arvada, CO 80002  
Firm Number F-23372

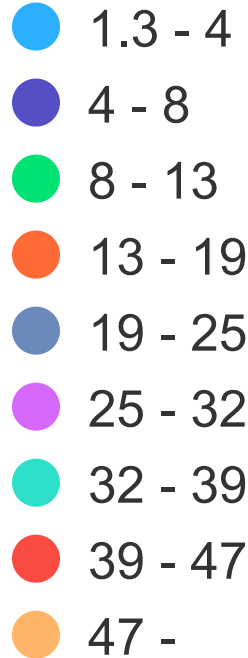


# AUSTIN-CAMP MABRY (TX) Wind Rose

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



## Wind Speed (mph)



Click and drag to zoom

## 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 =  $(350 \text{ mg/l})(0.20 \text{ MGD})(8.34 \text{ lb/mg})(0.98) = 572.12 \text{ lb/day}$

75% Flow: Solids Generation =  $(350 \text{ mg/l})(0.15 \text{ MGD})(8.34 \text{ lb/mg})(0.98) = 429.09 \text{ lb/day}$

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

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



Phase 2 – Average Daily Flow: 0.40 mgd

100% Flow: Solids Generation =  $(350 \text{ mg/l})(0.40 \text{ MGD})(8.34 \text{ lb/mg})(0.98) = 1144.24 \text{ lb/day}$

75% Flow: Solids Generation =  $(350 \text{ mg/l})(0.30 \text{ MGD})(8.34 \text{ lb/mg})(0.98) = 858.19 \text{ lb/day}$

50% Flow: Solids Generation =  $(350 \text{ mg/l})(0.20 \text{ MGD})(8.34 \text{ lb/mg})(0.98) = 572.12 \text{ lb/day}$

25% Flow: Solids Generation =  $(350 \text{ mg/l})(0.10 \text{ MGD})(8.34 \text{ lb/mg})(0.98) = 286.06 \text{ lb/day}$

Phase 3 – Average Daily Flow: 0.60 mgd

100% Flow: Solids Generation =  $(350 \text{ mg/l})(0.60 \text{ MGD})(8.34 \text{ lb/mg})(0.98) = 1716.37 \text{ lb/day}$

75% Flow: Solids Generation =  $(350 \text{ mg/l})(0.45 \text{ MGD})(8.34 \text{ lb/mg})(0.98) = 1287.30 \text{ lb/day}$

50% Flow: Solids Generation =  $(350 \text{ mg/l})(0.30 \text{ MGD})(8.34 \text{ lb/mg})(0.98) = 858.19 \text{ lb/day}$

25% Flow: Solids Generation =  $(350 \text{ mg/l})(0.15 \text{ MGD})(8.34 \text{ lb/mg})(0.98) = 429.09 \text{ lb/day}$

Final Phase – Average Daily Flow: 0.85 mgd

100% Flow: Solids Generation =  $(350 \text{ mg/l})(0.85 \text{ MGD})(8.34 \text{ lb/mg})(0.98) = 2431.53 \text{ lb/day}$

75% Flow: Solids Generation =  $(350 \text{ mg/l})(0.64 \text{ MGD})(8.34 \text{ lb/mg})(0.98) = 1830.80 \text{ lb/day}$

50% Flow: Solids Generation =  $(350 \text{ mg/l})(0.43 \text{ MGD})(8.34 \text{ lb/mg})(0.98) = 1230.07 \text{ lb/day}$

25% Flow: Solids Generation =  $(350 \text{ mg/l})(0.21 \text{ MGD})(8.34 \text{ lb/mg})(0.98) = 600.73 \text{ lb/day}$