



Administrative Package Cover Page

This file contains the following documents:

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



Portada de Paquete Administrativo

Este archivo contiene los siguientes documentos:

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



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

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

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

Mill Creek Community LLC (CN 6057644166) proposes to operate Mill Creek Community WWTP (RN101233054), a rental community. The facility will be located at 2812 Nelius Road, in Bellville, Austin County, Texas 77418. Application to discharge treated domestic wastewater at a volume not to exceed a daily average flow of 65,000 gallons per day.

Discharges from the facility are expected to contain BOD, E. coli and TSS. Domestic wastewater will be treated by activated sludge.

Mill Creek Community LLC (CN 6057644166) propone operar Mill Creek Community WWTP RN101233054, una comunidad de alquiler. La instalación está ubicada en 2812 Nelius Road, en Bellville, Condado de Austin, Texas 77418. Solicitud de descarga de aguas residuales domésticas tratadas en un volumen que no exceda un flujo promedio diario de 65.000 galones por día.

Se espera que las descargas de la instalación contengan BOD, E Coli and TSS. Domestica. estará tratado por lodo activado.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



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

PERMIT NO. WQ0015872001

APPLICATION. Mill Creek Community, LLC, P.O. Box 1015, Tomball, Texas 77377, has applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0015872001 (EPA I.D. No. TX0140201) to authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 65,000 gallons per day. The domestic wastewater treatment facility is located at 2812 Nelius Road, near the city of Bellville, in Austin County, Texas 77418. The discharge route is from the plant site to a series of unnamed tributaries; thence to Mill Creek; thence to the Brazos River Below Navasota River. TCEQ received this application on June 24, 2025. The permit application will be available for viewing and copying at Bellville Public Library, Front Desk, 12 West Palm Street, Bellville, in Austin 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=-96.190277,29.894444&level=18>

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

El aviso de idioma alternativo en español está disponible en

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

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

PUBLIC COMMENT / PUBLIC MEETING. You may submit public comments or request a public meeting on this application. The purpose of a public meeting is to provide the opportunity to submit comments or to ask questions about the application. TCEQ will hold a public meeting if the Executive Director determines that there is a significant degree of public

interest in the application or if requested by a local legislator. A public meeting is not a contested case hearing.

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

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

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

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

TCEQ may act on an application to renew a permit for discharge of wastewater without providing an opportunity for a contested case hearing if certain criteria are met.

MAILING LIST. If you submit public comments, a request for a contested case hearing or a reconsideration of the Executive Director's decision, you will be added to the mailing list for this specific application to receive future public notices mailed by the Office of the Chief Clerk. In addition, you may request to be placed on: (1) the permanent mailing list for a specific applicant name and permit number; and/or (2) the mailing list for a specific county. If you wish to be placed on the permanent and/or the county mailing list, clearly specify which list(s) and send your request to TCEQ Office of the Chief Clerk at the address below.

INFORMATION AVAILABLE ONLINE. For details about the status of the application, visit the Commissioners' Integrated Database at www.tceq.texas.gov/goto/cid. Search the database using the permit number for this application, which is provided at the top of this notice.

AGENCY CONTACTS AND INFORMATION. All public comments and requests must be submitted either electronically at <https://www14.tceq.texas.gov/epic/eComment/>, or in writing to the Texas Commission on Environmental Quality, Office of the Chief Clerk, MC-105, P.O. Box 13087, Austin, Texas 78711-3087. Please be aware that any contact information you provide, including your name, phone number, email address and physical address will become part of the agency's public record. For more information about this permit application or the permitting process, please call the TCEQ Public Education Program, Toll Free, at 1-800-687-4040 or visit their website at www.tceq.texas.gov/goto/pep. Si desea información en Español, puede llamar al 1-800-687-4040.

Further information may also be obtained from Mill Creek Community, LLC at the address stated above or by calling Mr. George Jarquesy, Owner, at 281-290-6655.

Issuance Date: July 14, 2025

Comisión de Calidad Ambiental del Estado de Texas



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

PERMISO NO. WQ0015872001

SOLICITUD. Mill Creek Community, LLC, Apartado Postal 1015, Tomball, Texas 77377, ha solicitado a la Comisión de Calidad Ambiental de Texas (TCEQ) la renovación del Permiso del Sistema de Eliminación de Descargas Contaminantes de Texas (TPDES) WQ0015872001 (de identificación de la EPA: TX0140201) 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 65,000 galones por día. La planta de tratamiento de aguas residuales domésticas se encuentra en 2812 Nelius Road, cerca de la ciudad de Bellville, en el condado de Austin, Texas 77418. La ruta de descarga va desde la planta hasta una serie de afluentes sin nombre; de allí a Mill Creek; y de allí al río Brazos, debajo del río Navasota. La TCEQ recibió esta solicitud el 24 de junio de 2025. La solicitud para el permiso estará disponible para leerla y copiarla en Biblioteca Pública de Bellville, Recepción, 12 West Palm Street, Bellville, Condado de Austin, 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=-96.190277,29.894444&level=18>

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

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

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

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

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

Después del cierre de todos los períodos de comentarios y de petición que aplican, el Director Ejecutivo enviará la solicitud y cualquier petición para reconsideración o para una audiencia de caso impugnado a los Comisionados de la TCEQ para su consideración durante una reunión programada de la Comisión.

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

LISTA DE CORREO. Si somete comentarios públicos, un pedido para una audiencia administrativa de lo contencioso o una reconsideración de la decisión del Director Ejecutivo, la Oficina del Secretario Principal enviará por correo los avisos públicos en relación con la solicitud. Además, puede pedir que la TCEQ ponga su nombre en una o más de las listas correos siguientes (1) la lista de correo permanente para recibir los avisos del solicitante indicado por nombre y número del permiso específico y/o (2) la lista de correo de todas las solicitudes en un condado 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. 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 Mill Creek Community LLC a la dirección indicada arriba o llamando a Sr. George Jarquesy al 281-290-6655.

Fecha de emisión: 14 de julio de 2025

Brooke T. Paup, *Chairwoman*
Bobby Janecka, *Commissioner*
Catarina R. Gonzales, *Commissioner*
Kelly Keel, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

June 24, 2025

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

Dear Applicant:

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

ER Account Number: ER025920
Application Reference Number: 787839
Authorization Number: WQ0015872001
Site Name: Mill Creek Community WWTP
Regulated Entity: RN101233054 - Coushatta Campground
Customer(s): CN605764166 - Mill Creek Community, LLC

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

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

Sincerely,
Applications Review and Processing Team
Water Quality Division

Texas Commission on Environmental Quality
Update Domestic or Industrial Individual Permit
WQ0015872001

Site Information (Regulated Entity)

What is the name of the site to be authorized?	MILL CREEK COMMUNITY WWTP
Does the site have a physical address?	Yes
Physical Address	
Number and Street	2812 NELIUS RD
City	BELLVILLE
State	TX
ZIP	77418
County	AUSTIN
Latitude (N) (##.#####)	29.894444
Longitude (W) (-###.#####)	-96.190277
Primary SIC Code	
Secondary SIC Code	
Primary NAICS Code	
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN101233054
What is the name of the Regulated Entity (RE)?	COUSHATTE CAMPGROUND
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	2812 NELIUS RD
City	BELLVILLE
State	TX
ZIP	77418
County	AUSTIN
Latitude (N) (##.#####)	29.89148
Longitude (W) (-###.#####)	-96.187776
Facility NAICS Code	
What is the primary business of this entity?	

Mill Cr-Customer (Applicant) Information (Owner Operator)

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN605764166
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	Mill Creek Community, LLC
Texas SOS Filing Number	803463996
Federal Tax ID	
State Franchise Tax ID	32072484176
State Sales Tax ID	
Local Tax ID	

DUNS Number

Number of Employees

Independently Owned and Operated?

I certify that the full legal name of the entity applying for this permit has been provided and is legally authorized to do business in Texas.

Yes

Responsible Authority Contact

Organization Name

Mill Creek Community, LLC

Prefix

MR

First

George

Middle

Last

Jarkesy

Suffix

Credentials

Title

Owner

Responsible Authority Mailing Address

Enter new address or copy one from list:

Address Type

Domestic

Mailing Address (include Suite or Bldg. here, if applicable)

PO BOX 1015

Routing (such as Mail Code, Dept., or Attn:)

City

TOMBALL

State

TX

ZIP

77377

Phone (###-###-####)

2812906655

Extension

Alternate Phone (###-###-####)

Fax (###-###-####)

E-mail

george@jarkesy.com

Billing Contact

Responsible contact for receiving billing statements:

Select the permittee that is responsible for payment of the annual fee.

CN605764166, Mill Creek Community, LLC

Organization Name

MILL CREEK COMMUNITY LLC

Prefix

MS

First

Patty

Middle

Last

Villa

Suffix

Credentials

Title

Controller

Enter new address or copy one from list:

CN605764166, Mill Creek Community, LLC

Mailing Address

Address Type

Domestic

Mailing Address (include Suite or Bldg. here, if applicable)

PO BOX 1015

Routing (such as Mail Code, Dept., or Attn:)

City

TOMBALL

State

TX

ZIP

77377

Phone (###-###-####)

2812906655

Extension

Alternate Phone (###-###-####)

Fax (###-###-####)

E-mail

patty@jarkesy.com

Application Contact

Person TCEQ should contact for questions about this application:

Same as another contact?

Billing Contact

Organization Name

MILL CREEK COMMUNITY LLC

Prefix

MS

First

Patty

Middle

Last

Villa

Suffix

Credentials

Title

Controller

Enter new address or copy one from list:

Mailing Address

Address Type

Domestic

Mailing Address (include Suite or Bldg. here, if applicable)

PO BOX 1015

Routing (such as Mail Code, Dept., or Attn:)

City

TOMBALL

State

TX

ZIP

77377

Phone (###-###-####)

2812906655

Extension

Alternate Phone (###-###-####)

Fax (###-###-####)

E-mail

patty@jarkesy.com

Technical Contact

Person TCEQ should contact for questions about this application:

Same as another contact?

Organization Name

WEISHUHN ENGINEERING INC

Prefix

MR

First

JAMES

Middle

Last

WEISHUHN

Suffix

Credentials

PE

Title

Professional Engineer

Enter new address or copy one from list:

Mailing Address

Address Type

Domestic

Mailing Address (include Suite or Bldg. here, if applicable)

PO BOX 358

Routing (such as Mail Code, Dept., or Attn:)

City	COLUMBUS
State	TX
ZIP	78934
Phone (###-###-####)	9797326997
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	WEISHUHNENGINEERING@GMAIL.COM

DMR Contact

Person responsible for submitting Discharge Monitoring Report Forms:

Same as another contact?

Organization Name	Texas Water Operations
Prefix	MR
First	Michael
Middle	
Last	Tobola
Suffix	
Credentials	
Title	Operator

Enter new address or copy one from list:

Mailing Address:

Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 652
Routing (such as Mail Code, Dept., or Attn:)	
City	PATTISON
State	TX
ZIP	77466
Phone (###-###-####)	9794720782
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	texaswateroperations@gmail.com

Section 1# Permit Contact

Permit Contact#: 1

Person TCEQ should contact throughout the permit term.

1) Same as another contact?	Billing Contact
2) Organization Name	MILL CREEK COMMUNITY LLC
3) Prefix	MS
4) First	Patty
5) Middle	
6) Last	Villa
7) Suffix	
8) Credentials	

9) Title	Controller
Mailing Address	
10) Enter new address or copy one from list	
11) Address Type	Domestic
11.1) Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 1015
11.2) Routing (such as Mail Code, Dept., or Attn:)	
11.3) City	TOMBALL
11.4) State	TX
11.5) ZIP	77377
12) Phone (###-###-####)	2812906655
13) Extension	202
14) Alternate Phone (###-###-####)	
15) Fax (###-###-####)	
16) E-mail	patty@jarkesy.com

Owner Information

Owner of Treatment Facility

1) Prefix	
2) First and Last Name	George Jarkesy
3) Organization Name	Mill Creek Community LLC
4) Mailing Address	PO Box 1015
5) City	Tomball
6) State	TX
7) Zip Code	77375
8) Phone (###-###-####)	2812906655
9) Extension	
10) Email	george@jarkesy.com
11) What is ownership of the treatment facility?	Private

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

12) Prefix	
13) First and Last Name	
14) Organization Name	MILL CREEK COMMUNITY LLC
15) Mailing Address	PO Box 1015
16) City	Tomball
17) State	TX
18) Zip Code	77375
19) Phone (###-###-####)	2812906655
20) Extension	
21) Email	patty@jarkesy.com
22) Is the landowner the same person as the facility owner or co-applicant?	Yes

General Information Renewal-Amendment

1) Current authorization expiration date:	11/30/2025
2) Current Facility operational status:	Inactive
3) Is the facility located on or does the treated effluent cross American Indian Land?	No

4) What is the application type that you are seeking?	Renewal without changes
5) Current Authorization type:	Private Domestic Wastewater
5.1) What is the proposed total flow in MGD discharged at the facility?	0.065
5.2) Select the applicable fee	>= .05 & < .10 MGD - Renewal - \$515
6) What is the classification for your authorization?	TPDES
6.1) What is the EPA Identification Number?	TX0140201
6.2) Is the wastewater treatment facility location in the existing permit accurate?	Yes
6.3) Are the point(s) of discharge and the discharge route(s) in the existing permit correct?	Yes
6.4) City nearest the outfall(s):	Bellville
6.5) County where the outfalls are located:	AUSTIN
6.6) Is or will the treated wastewater discharge to a city, county, or state highway right-of-way, or a flood control district drainage ditch?	No
6.7) Is the daily average discharge at your facility of 5 MGD or more?	No
7) Did any person formerly employed by the TCEQ represent your company and get paid for service regarding this application?	No

Public Notice Information

Individual Publishing the Notices

1) Prefix	MS
2) First and Last Name	Barbara Weishuhn
3) Credential	RS
4) Title	
5) Organization Name	Weishuhn Engineering Inc
6) Mailing Address	PO BOX 358
7) Address Line 2	
8) City	COLUMBUS
9) State	TX
10) Zip Code	78934
11) Phone (###-###-####)	9797326997
12) Extension	
13) Fax (###-###-####)	
14) Email	weishuhnengineering@gmail.com

Contact person to be listed in the Notices

15) Prefix	MR
16) First and Last Name	George Jarkesy
17) Credential	
18) Title	Owner
19) Organization Name	Mill Creek Community LLC
20) Phone (###-###-####)	2812906655
21) Fax (###-###-####)	
22) Email	george@jarkesy.com

Bilingual Notice Requirements

23) Is a bilingual education program required by the Texas Education Code at the elementary or middle school nearest to the facility or proposed facility?	Yes
23.1) Are the students who attend either the elementary school or the middle school enrolled in a bilingual education program at that school?	Yes

23.2) Do the students at these schools attend a bilingual education program at another location?	No
23.3) Would the school be required to provide a bilingual education program but the school has waived out of this requirement under 19 TAC 89.1205(g)?	No
23.4) Which language is required by the bilingual program?	Spanish

Section 1# Public Viewing Information

County#: 1

1) County	AUSTIN
2) Public building name	Bellville Public Library
3) Location within the building	Front Desk
4) Physical Address of Building	12 W Palm Street
5) City	Bellville
6) Contact Name	Aimee Drake
7) Phone (###-###-####)	9798653731
8) Extension	
9) Is the location open to the public?	Yes

Plain Language

1) Plain Language	
[File Properties]	
File Name	LANG_20972_PLS_2024-11-08.docx
Hash	DEB73833C494C8D34EEEE42AB059B0938693F6D50A5A34A0E67594E5F5E0A905
MIME-Type	application/vnd.openxmlformats-officedocument.wordprocessingml.document

Supplemental Permit Information Form

1) Supplemental Permit Information Form (SPIF)	
[File Properties]	
File Name	SPIF_20971.docx
Hash	712481A080E690BE9995D6E5FD99D775E95C95D6D682FD7022FB2F36F088979D
MIME-Type	application/vnd.openxmlformats-officedocument.wordprocessingml.document

Domestic Attachments

1) Attach an 8.5"x11", reproduced portion of the most current and original USGS Topographic Quadrangle Map(s) that meets the 1:24,000 scale.	
[File Properties]	
File Name	MAP_SPIF Topo Map Layout1 8.5 BY 11.pdf
Hash	F93A8916431C8E78CB58839699E608ED6882D8F3C44C5B9A2EE47D65FB276941
MIME-Type	application/pdf

2) I confirm that all required sections of Technical Report 1.0 are complete and will be included in the Technical Attachment.	Yes
--	-----

2.1) I confirm that Worksheet 2.0 (Receiving Waters) is complete and included in the Technical Attachment.	Yes
2.2) Are you planning to include Worksheet 2.1 (Stream Physical Characteristics) in the Technical Attachment?	No
2.3) Are you planning to include Worksheet 4.0 (Pollutant Analyses Requirements) in the Technical Attachment?	No
2.4) Are you planning to include Worksheet 5.0 (Toxicity Testing Requirements) in the Technical Attachment?	No
2.5) Are you planning to include Worksheet 7.0 (Class V Injection Well Inventory/Authorization Form) in the Technical Attachment?	No
2.6) Technical Attachment	
[File Properties]	
File Name	TECH_10054_MUNI_2024.pdf
Hash	22931DD54631F253F56D0E7EECA1B4AE74D5158530C734875A675F239766206E
MIME-Type	application/pdf
3) Buffer Zone Map	
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Hash	86E50CEA2F4194E936967B70A33849D33EC201D7F241B05DDE3AE11EF16D69C4
MIME-Type	application/pdf
4) Flow Diagram	
[File Properties]	
File Name	FLDIA_Attachment G Process Flow Diagram.pdf
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MIME-Type	application/pdf
5) Site Drawing	
[File Properties]	
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MIME-Type	application/pdf
6) Design Calculations	
[File Properties]	
File Name	DES_CAL_Attachment J Design Process Calculations Summary.pdf
Hash	4F21248251338C974E76AB0DA4755762B981D0C6B10F3BD255CD21338252B8DD
MIME-Type	application/pdf
7) Solids Management Plan	
[File Properties]	
File Name	SMP_Attachment M Sludge Management Plan.pdf
Hash	C5096221174C41E6133EAC6ED57C6C7798BCE1A5653427F629B908A1CD126684
MIME-Type	application/pdf
8) Water Balance	
9) Other Attachments	
[File Properties]	

File Name	OTHER_Attachment I - Approval EFFLUENT CRITERIA 7 17 2020.pdf
Hash	56C16796E8D7EB6E028712FB2D41C53A2FFF58FDF7BE6B8859F394631070FE0F
MIME-Type	application/pdf
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MIME-Type	application/pdf
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MIME-Type	application/pdf

Certification

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

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

1. I am George R Jarkesy JR, the owner of the STEERS account ER114685.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.

6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Update Domestic or Industrial Individual Permit WQ0015872001.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OWNER OPERATOR Signature: George R Jarkesy JR OWNER OPERATOR

Customer Number:	CN605764166
Legal Name:	Mill Creek Community, LLC
Account Number:	ER114685
Signature IP Address:	174.170.239.9
Signature Date:	2025-06-24
Signature Hash:	8B9D6B3C18FC105C404D362CF360FAB10557B7461BFB2543DA4D8256682E07CE
Form Hash Code at time of Signature:	F0EFFCA014E69075ACEDD6CD473FEFBDDDB788B01FF36E13B1E000A14601C7264

Fee Payment

Transaction by:	The application fee payment transaction was made by ER025920/Barbara J Weishuhn
Paid by:	The application fee was paid by BARBARA WEISHUHN
Fee Amount:	\$500.00
Paid Date:	The application fee was paid on 2025-06-24
Transaction/Voucher number:	The transaction number is 582EA000673751 and the voucher number is 772277

Submission

Reference Number:	The application reference number is 787839
Submitted by:	The application was submitted by ER025920/Barbara J Weishuhn
Submitted Timestamp:	The application was submitted on 2025-06-24 at 15:17:46 CDT
Submitted From:	The application was submitted from IP address 70.120.192.161
Confirmation Number:	The confirmation number is 660742
Steers Version:	The STEERS version is 6.91
Permit Number:	The permit number is WQ0015872001

Additional Information

Application Creator: This account was created by Barbara J Weishuhn



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

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

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

Mill Creek Community LLC (CN 6057644166) proposes to operate Mill Creek Community WWTP (RN101233054), a rental community. The facility will be located at 2812 Nelius Road, in Bellville, Austin County, Texas 77418. Application to discharge treated domestic wastewater at a volume not to exceed a daily average flow of 65,000 gallons per day.

Discharges from the facility are expected to contain BOD, E. coli and TSS. Domestic wastewater will be treated by activated sludge.

Mill Creek Community LLC (CN 6057644166) propone operar Mill Creek Community WWTP RN101233054, una comunidad de alquiler. La instalación está ubicada en 2812 Nelius Road, en Bellville, Condado de Austin, Texas 77418. Solicitud de descarga de aguas residuales domésticas tratadas en un volumen que no exceda un flujo promedio diario de 65.000 galones por día.

Se espera que las descargas de la instalación contengan BOD, E Coli and TSS. Domestica. estará tratado por lodo activado.

INSTRUCTIONS

1. Enter the name of applicant in this section. The applicant name should match the name associated with the customer number.
2. Enter the Customer Number in this section. Each Individual or Organization is issued a unique 11-digit identification number called a CN (e.g. CN123456789).
3. Choose “operates” in this section for existing facility applications or choose “proposes to operate” for new facility applications.
4. Enter the name of the facility in this section. The facility name should match the name associated with the regulated entity number.
5. Enter the Regulated Entity number in this section. Each site location is issued a unique 11-digit identification number called an RN (e.g. RN123456789).
6. Choose the appropriate article (a or an) to complete the sentence.
7. Enter a description of the facility in this section. For example: steam electric generating facility, nitrogenous fertilizer manufacturing facility, etc.
8. Choose “is” for an existing facility or “will be” for a new facility.
9. Enter the location of the facility in this section.
10. Enter the City nearest the facility in this section.
11. Enter the County nearest the facility in this section.
12. Enter the zip code for the facility address in this section.
13. Enter a summary of the application request in this section. For example: renewal to discharge 25,000 gallons per day of treated domestic wastewater, new application to discharge process wastewater and stormwater on an intermittent and flow-variable basis, or major amendment to reduce monitoring frequency for pH, etc. If more than one outfall is included in the application, provide applicable information for each individual outfall.
14. List all pollutants expected in the discharge from this facility in this section. If applicable, refer to the pollutants from any federal numeric effluent limitations that apply to your facility.
15. Enter the discharge types from your facility in this section (e.g., stormwater, process wastewater, once through cooling water, etc.)
16. Choose the appropriate verb tense to complete the sentence.
17. Enter a description of the wastewater treatment used at your facility. Include a description of each process, starting with initial treatment and finishing with the outfall/point of disposal. Use additional lines for individual discharge types if necessary.

Questions or comments concerning this form may be directed to the Water Quality Division's Application Review and Processing Team by email at WQ-ARPTeam@tceq.texas.gov or by phone at (512) 239-4671.

Example 1: Industrial Wastewater TPDES Application (ENGLISH)

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

ABC Corporation (CN600000000) operates the Starr Power Station (RN10000000000), a two-unit gas-fired electric generating facility. Unit 1 has a generating capacity of 393 megawatts (MWs) and Unit 2 has a generating capacity of 528 MWs. The facility is located at 1356 Starr Street, near the City of Austin, Travis County, Texas 78753.

This application is for a renewal to discharge 870,000,000 gallons per day of once through cooling water, auxiliary cooling water, and also authorizes the following waste streams monitored inside the facility (internal outfalls) before it is mixed with the other wastewaters authorized for discharge via main Outfall 001, referred to as “previously monitored effluents” (low-volume wastewater, metal-cleaning waste, and stormwater (from diked oil storage area yards and storm drains)) via Outfall 001. Low-volume waste sources, metal-cleaning waste, and stormwater drains on a continuous and flow-variable basis via internal Outfall 101.

The discharge of once through cooling water via Outfall 001 and low-volume waste and metal-cleaning waste via Outfall 101 from this facility is subject to federal effluent limitation guidelines at 40 CFR Part 423. The pollutants expected from these discharges based on 40 CFR Part 423 are: free available chlorine, total residual chlorine, total suspended solids, oil and grease, total iron, total copper, and pH. Temperature is also expected from these discharges. Additional potential pollutants are included in the Industrial Wastewater Application Technical Report, Worksheet 2.0.

Cooling water and boiler make-up water are supplied by Lake Starr Reservoir. The City of Austin municipal water plant (CN600000000, PWS 00000) supplies the facility’s potable water and serves as an alternate source of boiler make-up water. Water from the Lake Starr Reservoir is withdrawn at the intake structure and treated with sodium hypochlorite to prevent biofouling and sodium bromide as a chlorine enhancer to improve efficacy and then passed through condensers and auxiliary equipment on a once-through basis to cool equipment and condense exhaust steam.

Low-volume wastewater from blowdown of boiler Units 1 and 2 and metal-cleaning wastes receive no treatment prior to discharge via Outfall 101. Plant floor and equipment drains and stormwater runoff from diked oil storage areas, yards, and storm drains are routed through an oil and water separator prior to discharge via Outfall 101. Domestic wastewater, blowdown, and backwash water from the service water filter, clarifier, and sand filter are routed to the Starr Creek Domestic Sewage Treatment Plant, TPDES Permit No. WQ0010000001, for treatment and disposal. Metal-cleaning waste from equipment cleaning is generally disposed of off-site.

Example 2: Domestic Wastewater TPDES Renewal application

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

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

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

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD₅), total suspended solids (TSS), ammonia nitrogen (NH₃-N), and *Escherichia coli*. Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7. Pollutant Analysis of Treated Effluent and Domestic Worksheet 4.0 in the permit application package. Domestic wastewater is treated by an activated sludge process plant and the treatment units include a bar screen, a grit chamber, aeration basins, final clarifiers, sludge digesters, a belt filter press, chlorine contact chambers and a dechlorination chamber.

Example 3: Domestic Wastewater TPDES New Application

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

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

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

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD₅), total suspended solids (TSS), ammonia nitrogen (NH₃-N), and *Escherichia coli*. Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7. Pollutant Analysis of Treated Effluent in the permit application package. Domestic wastewater will be treated by an activated sludge process plant and the treatment units will include a bar screen, a grit chamber, aeration basins, final clarifiers, sludge digesters, a belt filter press, chlorine contact chambers and a dechlorination chamber.

Example 4: Domestic Wastewater TLAP Renewal application

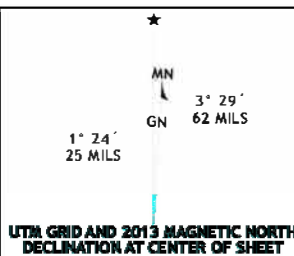
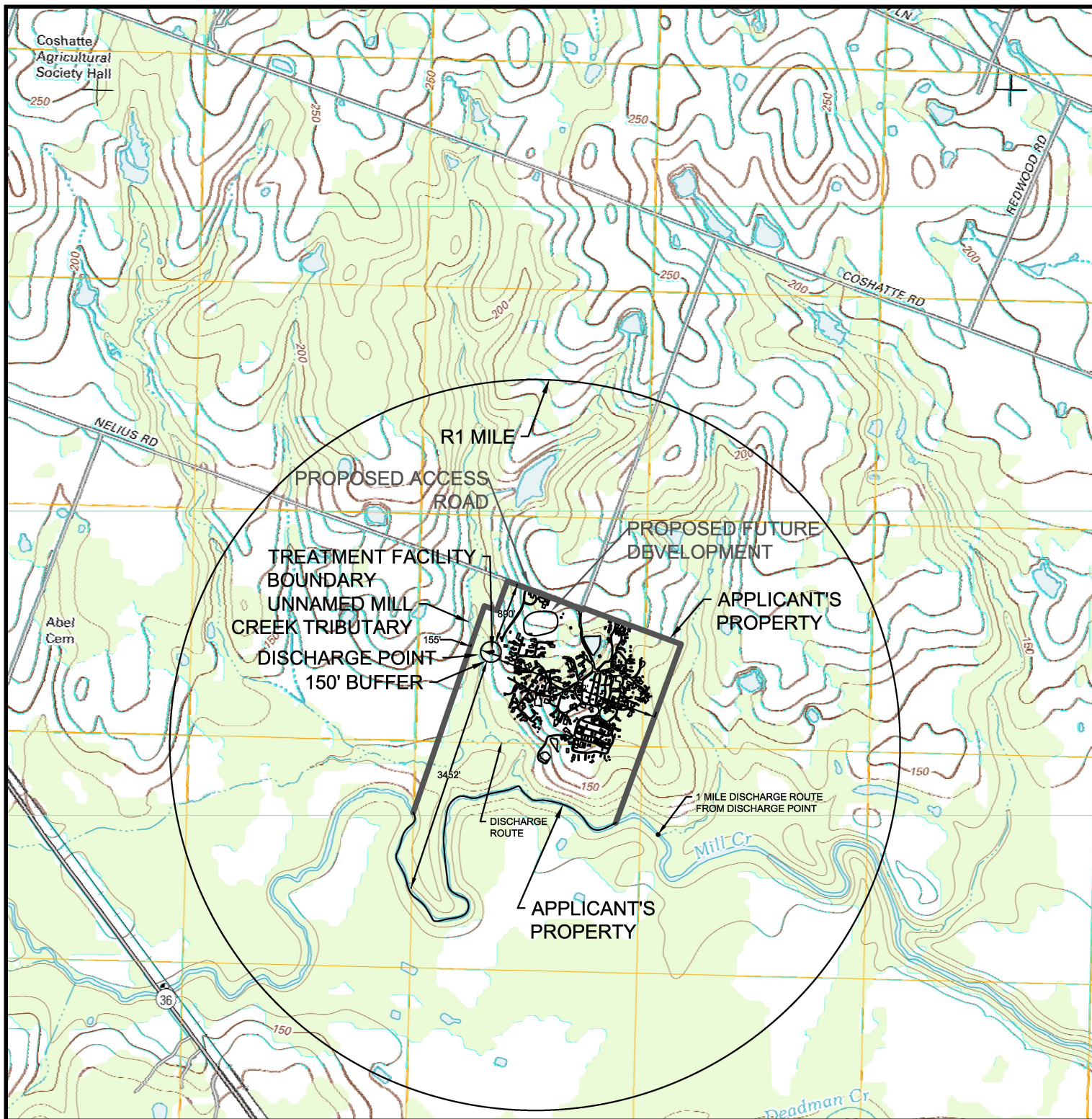
The following summary is provided for this pending water quality permit application being reviewed by the Texas Commission on Environmental Quality as required by 30 Texas Administrative Code Chapter 39. The information provided in this summary may change during the technical review of the application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

of the permit application.

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

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

Land application of domestic wastewater from the facility are expected to contain five-day biochemical oxygen demand (BOD₅), total suspended solids (TSS), and *Escherichia coli*. Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7. Pollutant Analysis of Treated Effluent in the permit application package. Domestic wastewater is treated by an activated sludge process plant and the treatment units include a bar screen, an equalization basin, an aeration basin, a final clarifier, an aerobic sludge digester, tertiary filters, and a chlorine contact chamber. In addition, the facility includes a temporary storage that equals to at least three days of the daily average flow.



**SPIF
USGS MAP
MILL CREEK COMMUNITY LLC
BELLVILLE, TX
AUSTIN COUNTY**

Weishuhn Engineering Inc.
1008 Live Oak STREET P.O. BOX 358
Columbus, Texas 78934
(979) 732-6997-PHONE
F-66

SCALE: 1"=2,000'

DATE: 5/30/25

SHEET of



ATTACHMENT E
PHOTO 1
MILL CREEK COMMUNITY, LLC
BELLVILLE, TX
AUSTIN COUNTY

Weishuhn Engineering Inc.
1008 LIVE OAK ST P.O. BOX 358
Columbus, Texas 78934
(979) 732-6997-PHONE
F-66

SCALE: N.T.S.

DATE: 6/10/25

SHEET of



ATTACHMENT E
PHOTO 2
MILL CREEK COMMUNITY, LLC
BELLVILLE, TX
AUSTIN COUNTY

Weishuhn Engineering Inc.
1008 LIVE OAK STREET P.O. BOX 358
Columbus, Texas 78934
(979) 732-6997-PHONE
F-66

SCALE: N.T.S.

DATE: 6/10/25

SHEET

of



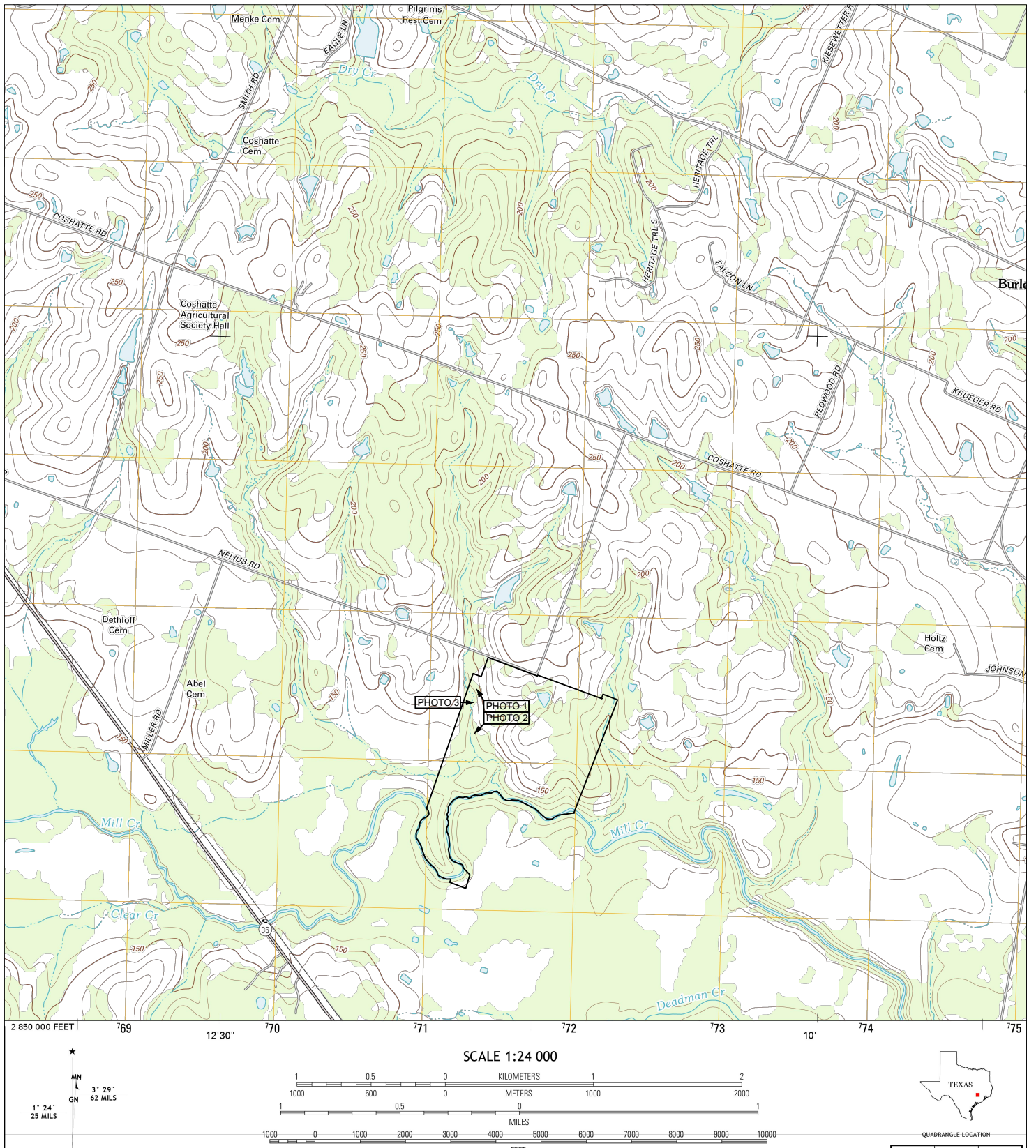
ATTACHMENT E
PHOTO 3
MILL CREEK COMMUNITY, LLC
BELLVILLE, TX
AUSTIN COUNTY

Weishuhn Engineering Inc.
1008 LIVE OAK STREET P.O. BOX 358
Columbus, Texas 78934
(979) 732-6997-PHONE
F-66

SCALE: N.T.S.

DATE: 6/10/25

SHEET of



**ATTACHMENT E
PHOTO DIRECTION MAP
MILL CREEK COMMUNITY, LLC.
TPDES PERMIT APPLICATION
AUSTIN COUNTY**

Weishuhn Engineering Inc.
1008 LIVE OAK ST PO BOX 358
Columbus, Texas 78934
(979) 732-6997
F-66

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

FOR AGENCIES REVIEWING DOMESTIC OR INDUSTRIAL TPDES WASTEWATER PERMIT APPLICATIONS

TCEQ USE ONLY:

Application type: ____Renewal ____Major Amendment ____Minor Amendment ____New

County: _____ Segment Number: _____

Admin Complete Date: _____

Agency Receiving SPIF:

____ Texas Historical Commission

____ U.S. Fish and Wildlife

____ Texas Parks and Wildlife Department

____ U.S. Army Corps of Engineers

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

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

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

The following applies to all applications:

1. Permittee: Mill Creek Community LLC

Permit No. WQ00 0015872001

EPA ID No. TX

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

2812 Nelius Road Bellville, TX 77418

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: George Jarkesy

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

Title: Managing Partner

Mailing Address: PO Box 1015

City, State, Zip Code: Tomball TX 77375-1015

Phone No.: 281-290-6655 Ext.:

Fax No.:

E-mail Address: george@jarkesy.com

2. List the county in which the facility is located: Austin
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 wastewater treatment plant will discharge into an unnamed tributary of the Mill Creek on the Mill Creek Community, LLC property. The treated wastewater will flow for 0.6-miles in the unnamed tributary and then discharge into Segment 1202K of the Mill Creek.

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):

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

The 232.76-acre property was historically a subsistence farm. The property has incrementally been converted to an RV and mobile home rental park

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:

The RV and mobile home park structures and collection system are existing. Construction of the proposed wastewater treatment plant will begin at the discretion of George Jarkesy.

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

Property is rural land that has been converted to an RV and mobile home park rental units. The property was formerly owned and operated by Howard Nelius.



TREATMENT FACILITY BOUNDARY

UNNAMED MILL CREEK TRIBUTARY

APPLICANT'S PROPERTY

DISCHARGE POINT

150' BUFFER

500' BUFFER

2715'

PWS WELL NO. 4
PWS WELL NO. 5

PWS WELL NO. 3

3452'

DISCHARGE ROUTE

APPLICANT'S PROPERTY

1 MILE
DISCHARGE
ROUTE FROM
DISCHARGE
POINT



James W. Weishuhn
4-7-2020

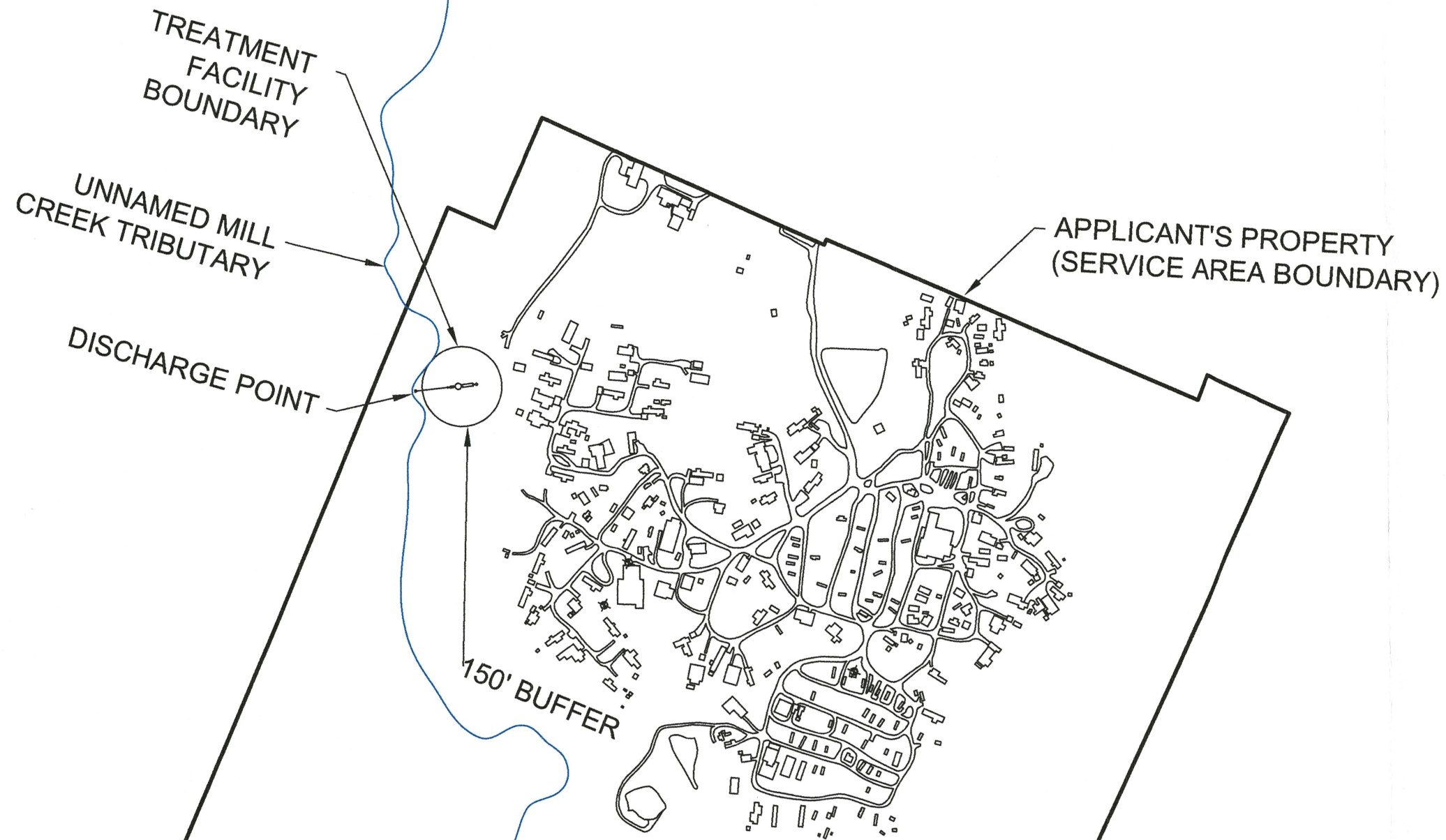
ATTACHMENT F
BUFFER ZONE MAP
MILL CREEK COMMUNITY LLC
BELLVILLE, TX
AUSTIN COUNTY

Weishuhn Engineering Inc.
425 SPRING STREET P.O. BOX 358
Columbus, Texas 78934
(979) 732-6997-PHONE
F-66

SCALE: 1"=1000'

DATE: 4/3/20

SHEET of



James W. Weishuhn
4-7-2020

ATTACHMENT H
SITE DRAWING
MILL CREEK COMMUNITY LLC
BELLVILLE, TX
AUSTIN COUNTY

Weishuhn Engineering Inc.
425 SPRING STREET P.O. BOX 358
Columbus, Texas 78934
(979) 732-6997-PHONE
F-66

SCALE: 1"=500'

DATE: 4/3/20

SHEET of



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.0

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

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

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

A. Existing/Interim I Phase

Design Flow (MGD): 0.065

2-Hr Peak Flow (MGD): 0.26

Estimated construction start date: Per George Jarkesy's Discretion

Estimated waste disposal start date: TBD

B. Interim II Phase

Design Flow (MGD): Click to enter text.

2-Hr Peak Flow (MGD): Click to enter text.

Estimated construction start date: Click to enter text.

Estimated waste disposal start date: Click to enter text.

C. Final Phase

Design Flow (MGD): 0.065

2-Hr Peak Flow (MGD): 0.26

Estimated construction start date: Per George Jarkesy's Discretion

Estimated waste disposal start date: TBD

D. Current Operating Phase

Provide the startup date of the facility: Not Built

Section 2. Treatment Process (Instructions Page 42)

A. Current Operating Phase

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

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

Renewal- Proposed -Wastewater will gravity flow from the RV's and mobile homes to lift stations equipped with duplex grinder pumps. The lift station will discharge the wastewater to an above ground treatment plant. The treatment plant will provide for biological treatment in the aeration basin via the conventional activated sludge process. The mixed liquor will gravity flow from biological treatment unit to a clarifier to settle the solids. Settled solids will be pumped back to the aeration basin. Solids will also be wasted from the clarifier to a sludge storage tank and disposed offsite. Supernatant from the clarifier will gravity flow to a chlorine contact basin for disinfection with sodium hypochlorite, then to a Parshall flume for flow monitoring prior to discharge to a unnamed tributary of the Mill Creek.

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)
Aeration Basin	1	40' x 10' x 12' Phase I/ Final
Clarifier	1	24' D. x 13' H. Phase I/Final
Chlorine Contact Basin	1	13' L. x 7' W. x 9.5' D Phase I/Final
Sludge Storage Tank	1	8' x 8' x 12' H. Phase I/Final

C. Process Flow Diagram

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

Attachment: G

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

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

- Latitude: 29.894444
- Longitude: -96.190277

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

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

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

- The boundaries of the treatment facility;
- The boundaries of the area served by the treatment facility;
- If land disposal of effluent, the boundaries of the disposal site and all storage/holding ponds; and

- If sludge disposal is authorized in the permit, the boundaries of the land application or disposal site.

Attachment: H

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

The Mill Creek Community, LLC. A transient rv park and residential mobile homes.

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
Mill Creek Community	Mill Creek Community LLC	Privately Owned	640
		Choose an item.	
		Choose an item.	
		Choose an item.	

Section 4. Unbuilt Phases (Instructions Page 44)

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

☒ Yes ☐ No

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

☒ Yes ☐ No

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

The transient rv park and residential mobile home community is served by onsite sewage facilities with a hydraulic capacity exceeding 5,000 gallons per day. Accordingly, permitting via the TPDES program is required by the TCEQ's rules. Plans for a collection and treatment have been developed in accordance with 30 TAC 217. The owner has secured bids for construction of the System but has been unable to construct the system because of contractual issues related to rising material costs. The owner is currently soliciting prices and is attempting to enter into a contract to construct the system.

Section 5. Closure Plans (Instructions Page 44)

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

Click to enter text.

Section 6. Permit Specific Requirements (Instructions Page 44)

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

A. Summary transmittal

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

☒ Yes ☐ No

If **yes**, provide the date(s) of approval for each phase: July 17, 2020

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.**

Attachment I – TCEQ Approval Letter

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.

Attachment F Buffer zones will be met by distance to property lines.

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*.

Notice of Completion – Plant is not started – will complete once construction is completed.

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 BOD₅ concentration of the sludge, and the design BOD₅ concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.

Not Applicable

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 BOD₅ concentration of the septic waste, and the design BOD₅ concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.

Click to enter text.

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

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

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

☐ Yes ☒ No

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

Click to enter text.

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

Is the facility in operation?

☐ Yes ☒ No

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

If yes, provide effluent analysis data for the listed pollutants. **Wastewater treatment facilities** complete Table 1.0(2). **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 ₅ , mg/l					
Total Suspended Solids, mg/l					
Ammonia Nitrogen, mg/l					
Nitrate Nitrogen, mg/l					
Total Kjeldahl Nitrogen, mg/l					
Sulfate, mg/l					
Chloride, mg/l					
Total Phosphorus, mg/l					
pH, standard units					
Dissolved Oxygen*, mg/l					
Chlorine Residual, mg/l					
<i>E.coli</i> (CFU/100ml) freshwater					
Enterococci (CFU/100ml) saltwater					
Total Dissolved Solids, mg/l					
Electrical Conductivity, µmohs/cm, †					
Oil & Grease, mg/l					
Alkalinity (CaCO ₃)*, mg/l					

*TPDES permits only

†TLAP permits only

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

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

Section 8. Facility Operator (Instructions Page 49)

Facility Operator Name: Michael Tobola

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

Facility Operator's License Number: WW0076024

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

A. WWTP's Sewage Sludge or Biosolids Management Facility Type

Check all that apply. See instructions for guidance

- ☐ Design flow \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 Sewage Sludge or Biosolids Treatment Process

Check all that apply. See instructions for guidance.

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

☒ Other Treatment Process: Transported to another permitted wastewater treatment plant or permitted sludge processing facility.

C. Sewage Sludge or Biosolids Management

Provide information on the *intended* sewage sludge or biosolids management practice. Do not enter every management practice that you want authorized in the permit, as the permit will authorize all sewage sludge or biosolids management practices listed in the instructions. Rather indicate the management practice the facility plans to use.

Biosolids Management

Management Practice	Handler or Preparer Type	Bulk or Bag Container	Amount (dry metric tons)	Pathogen Reduction Options	Vector Attraction Reduction Option
Other	Off-site Third-Party Handler or Preparer	Bulk		N/A: Transported to another facility for further processing	N/A: Transported to another facility for further processing
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): Transported to another permitted wastewater treatment plant or permitted sludge processing facility.

D. Disposal site

Disposal site name: Grimes County Water Reclamation, LLC

TCEQ permit or registration number: WQ-0015032001

County where disposal site is located: Grimes

E. Transportation method

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

Name of the hauler: Coast to Coast Septic Pumping, LLC.

Hauler registration number: 23482

Sludge is transported as a:

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

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

A. Beneficial use authorization

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

☐ Yes ☐ No

B. Sludge processing authorization

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

Sludge Composting	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Marketing and Distribution of Biosolids	<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: Not Applicable
- USDA Natural Resources Conservation Service Soil Map:
Attachment: Not Applicable
- Federal Emergency Management Map:
Attachment: Not Applicable
- Site map:
Attachment: Not Applicable

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 1×10^{-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 54)

A. Additional authorizations

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

☐ Yes ☒ No

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

[Click to enter text.](#)

B. Permittee enforcement status

Is the permittee currently under enforcement for this facility?

☐ Yes ☒ No

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

☐ Yes ☒ No

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

[Click to enter text.](#)

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

A. RCRA hazardous wastes

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

☐ Yes ☒ No

B. Remediation activity wastewater

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

☐ Yes ☒ No

C. Details about wastes received

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

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

Section 14. Laboratory Accreditation (Instructions Page 55)

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

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

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

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

CERTIFICATION:

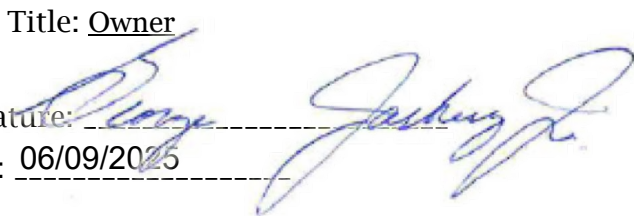
I certify that all laboratory tests submitted with this application meet the requirements of *30 TAC Chapter 25, Environmental Testing Laboratory Accreditation and Certification*.

Printed Name: George Jarkesy

Title: Owner

Signature: _____

Date: 06/09/2025



DOMESTIC WASTEWATER PERMIT APPLICATION

TECHNICAL REPORT 1.1

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

Section 1. Justification for Permit (Instructions Page 56)

A. Justification of permit need

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

The location of the nearest organized wastewater collection and treatment is approximately 4.1 -miles in Bellville, Texas. It is not cost effective to pipe this wastewater flow to the city of Bellville. 300 RV's and 170 mobile homes. A 65,000 gallon (Attachment J) per day wastewater treatment system is proposed. The flows and waste strength were developed using criteria from 30 TAC 217.30(a)(3) Table B.1. The facility will be built in one phase which is expected to commence per direction of George Jarkesy.

B. Regionalization of facilities

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

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

1. *Municipally incorporated areas*

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

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

☐ Yes ☒ No ☐ Not Applicable

If yes, within the city limits of: [Click to enter text.](#)

If yes, attach correspondence from the city.

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

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

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

2. *Utility CCN areas*

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

☐ Yes ☒ No

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

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

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

3. *Nearby WWTPs or collection systems*

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

☐ Yes ☒ No

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

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

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

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

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

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

Section 2. Proposed Organic Loading (Instructions Page 58)

Is this facility in operation?

☐ Yes ☒ No

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

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

A. Current organic loading

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

Average Influent Organic Strength or BOD₅ Concentration in mg/l: [Click to enter text.](#)

Average Influent Loading (lbs/day = total average flow X average BOD₅ conc. X 8.34): [Click to enter text.](#)

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

[Click to enter text.](#)

B. Proposed organic loading

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

Table 1.1(1) – Design Organic Loading

Source	Total Average Flow (MGD)	Influent BOD ₅ Concentration (mg/l)
Municipality		
Subdivision		
Trailer park - transient	0.023	300
Mobile home park	0.038	300
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	0.061 ~0.065	
AVERAGE BOD ₅ from all sources		300

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

A. Existing/Interim I Phase Design Effluent Quality

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

Total Suspended Solids, mg/l: 15

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

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

Dissolved Oxygen, mg/l: 4

Other: Click to enter text.

B. Interim II Phase Design Effluent Quality

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

Total Suspended Solids, mg/l: [Click to enter text.](#)

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

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

Dissolved Oxygen, mg/l: [Click to enter text.](#)

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

C. Final Phase Design Effluent Quality

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

Total Suspended Solids, mg/l: 15

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

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

Dissolved Oxygen, mg/l: [Click to enter text.](#)

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

D. Disinfection Method

Identify the proposed method of disinfection.

☒ Chlorine: 1.0-4.0 mg/l after 20 minutes detention time at peak flow

Dechlorination process: [Click to enter text.](#)

☐ Ultraviolet Light: [Click to enter text.](#) seconds contact time at peak flow

☐ Other: [Click to enter text.](#)

Section 4. Design Calculations (Instructions Page 58)

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

Attachment: J

Section 5. Facility Site (Instructions Page 59)

A. 100-year floodplain

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

☒ Yes ☐ No

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

[Click to enter text.](#)

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

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: L

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

A. Beneficial use authorization

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

☐ Yes ☒ No

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

B. Sludge processing authorization

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

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

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

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

Attach a solids management plan to the application.

Attachment: M

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

- Treatment units and processes dimensions and capacities
- Solids generated at 100, 75, 50, and 25 percent of design flow
- Mixed liquor suspended solids operating range at design and projected actual flow

- Quantity of solids to be removed and a schedule for solids removal
- Identification and ownership of the ultimate sludge disposal site
- For facultative lagoons, design life calculations, monitoring well locations and depths, and the ultimate disposal method for the sludge from the facultative lagoon

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

DOMESTIC WASTEWATER PERMIT APPLICATION

WORKSHEET 2.0: RECEIVING WATERS

The following information is required for all TPDES permit applications.

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

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

☐ Yes ☒ No

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

Owner of the drinking water supply: [Click to enter text.](#)

Distance and direction to the intake: [Click to enter text.](#)

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

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

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

Does the facility discharge into tidally affected waters?

☐ Yes ☒ No

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

A. Receiving water outfall

Width of the receiving water at the outfall, in feet: [Click to enter text.](#)

B. Oyster waters

Are there oyster waters in the vicinity of the discharge?

☐ Yes ☐ No

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

[Click to enter text.](#)

C. Sea grasses

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

☐ Yes ☒ No

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

[Click to enter text.](#)

Section 3. Classified Segments (Instructions Page 63)

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

☐ Yes ☒ No

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

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

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

Name of the immediate receiving waters: unnamed tributary of Mill Creek

A. Receiving water type

Identify the appropriate description of the receiving waters.

☒ Stream

☐ Freshwater Swamp or Marsh

☐ Lake or Pond

Surface area, in acres: Click to enter text.

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

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

☐ Man-made Channel or Ditch

☐ Open Bay

☐ Tidal Stream, Bayou, or Marsh

☐ Other, specify: 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.

Mill Creek

D. Downstream characteristics

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

☐ Yes ☒ No

If yes, discuss how.

Click to enter text.

E. Normal dry weather characteristics

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

Intermittent pools of nonflowing water.

Date and time of observation: 1:50 pm 6/9/2025

Was the water body influenced by stormwater runoff during observations?

☒ Yes ☐ No

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

A. Upstream influences

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

☐ Oil field activities

☒ Urban runoff

☐ Upstream discharges

☐ Agricultural runoff

☐ Septic tanks

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

B. Waterbody uses

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

- | | |
|--|--|
| <input checked="" 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 type="checkbox"/> Other(s), specify: Click to enter text. |

C. Waterbody aesthetics

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

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

Jon Niermann, *Chairman*
Emily Lindley, *Commissioner*
Bobby Janecka, *Commissioner*
Toby Baker, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

July 17, 2020

James W. Weishuhn, P.E.
WEISHUHN ENGINEERING Inc
P.O. BOX 358
Columbus, TX 78934-0358

Re: Mill Creek Community LLC
Mill Creek Community 65000 GPD Plant
Permit No. WQ0015872-001
WWPR Log No. 0620/005
CN605764166, RN101233054
Austin County

Dear Mr. Weishuhn:

On May 8, 2020, TCEQ received the project summary transmittal letter dated February 6, 2020 for design and installation of a new 65,000 GPD conventional activate sludge wastewater treatment plant at the Mill Creek Community in Austin County, Texas.

A new Water Quality permit, WQ0015872001, has been applied for and is currently progressing through the permit review and approval process but is not final. The flow and effluent concentration limits for this new plant, as submitted by the Engineer, and to what the new plant was reviewed against are as show below:

Treatable Flow:

- 0.065 MGD average daily flow; corresponding 0.260 MGD peak daily flow (4Q)

Effluent concentration limits:

- 10 mg/l for BOD₅ or CBOD₅
- 15 mg/l for TSS
- 3 mg/l for NH₃-N
- 63 cfu/100 ml for E. coli
- Minimum dissolved oxygen concentration of 4.0 mg/l

The rules which regulate the design, installation and testing of domestic wastewater projects are found in 30 TAC, Chapter 217, of the Texas Commission on Environmental Quality (TCEQ) rules titled, Design Criteria for Wastewater Systems.

The new treatment plant will consist of the following units:

- Influent grinder pump lift station, 590 gpm firm capacity
- 32,416 gallons aeration basin
- Blowers supplying 213 acfm
- 24' diameter secondary clarifier, 13' deep
- 4,000 gallons chlorine contact basin

- Sodium hypochlorite disinfection system
- Parshall flume effluent flow monitoring system with staff gauge,
- 5,000 gallons sludge holding tank

The TCEQ review of the submitted summary transmittal letter and supplemental information seems to indicate that the plant as designed meets at least the minimum requirements of 30 TAC Chapter 217: Design Criteria for Wastewater Systems and should produce effluent flows which would meet the effluent concentration limits. Given the result of the TCEQ review the plant as designed and relayed in the submitted information is conditionally approved for completion. The condition of the approval is that once finalized the issued permit must not contain more stringent effluent concentration limits than what the plant was reviewed against (listed on page 1). If the issued permit contains more stringent effluent concentration limits or the permit requires treatment process or other items which were not submitted for review as part of this project the plant design should be resubmitted for additional review and this approval is rescinded.

The engineer did request a variance to allow the use of the existing collection system, permitted under the requirements of 30 TAC Chapter 286 On-site sewage facilities, to be used as the collection system to supply wastewater flow to the new wastewater treatment facility. Given the existing collection system is currently working properly this variance is conditionally granted. The condition of granting this variance is that if any issues with the collection system are encountered and repairs or upgrades be submitted for review according to the version of 30 TAC Chapter 217 at the time the issues is encountered.

You must keep certain materials on file for the life of the project and provide them to TCEQ upon request. These materials include an engineering report, test results, a summary transmittal letter, and the final version of the project plans and specifications. These materials shall be prepared and sealed by a Professional Engineer licensed in the State of Texas and must show substantial compliance with Chapter 217. All plans and specifications must conform to any waste discharge requirements authorized in a permit by the TCEQ. Certain specific items which shall be addressed in the engineering report are discussed in §217.10. Additionally, the engineering report must include all constants, graphs, equations, and calculations needed to show substantial compliance with Chapter 217.

If in the future, additional variances from the Chapter 217 requirements are desired for the project, each variance must be requested in writing by the design engineer. Then, the TCEQ will consider granting a written approval to the variance from the rules for the specific project and the specific circumstances.

Within 60 days of the completion of construction, an appointed engineer shall notify both the Wastewater Permits Section of the TCEQ and the appropriate Region Office of the date of completion. The engineer shall also provide written certification that all construction, materials, and equipment were substantially in accordance with the approved project, the rules of the

James W. Weishuhn, P.E.

Page 3

July 17, 2020

TCEQ, and any change orders filed with the TCEQ. All notifications, certifications, and change orders must include the signed and dated seal of a Professional Engineer licensed in the State of Texas.

Please be reminded of 30 TAC §217.7(a) of the rules which states, "Approval given by the executive director or other authorized review authority does not relieve an owner of any liability or responsibility with respect to designing, constructing, or operating a collection system or treatment facility in accordance with applicable commission rules and the associated wastewater permit".

If you have any questions, or if we can be of any further assistance, please call me at (512) 239-1372.

Sincerely,

A handwritten signature in black ink that reads "Paul A. Brochi". The signature is written in a cursive, flowing style.

Paul A. Brochi, P.E.

Wastewater Permits Section (MC 148)

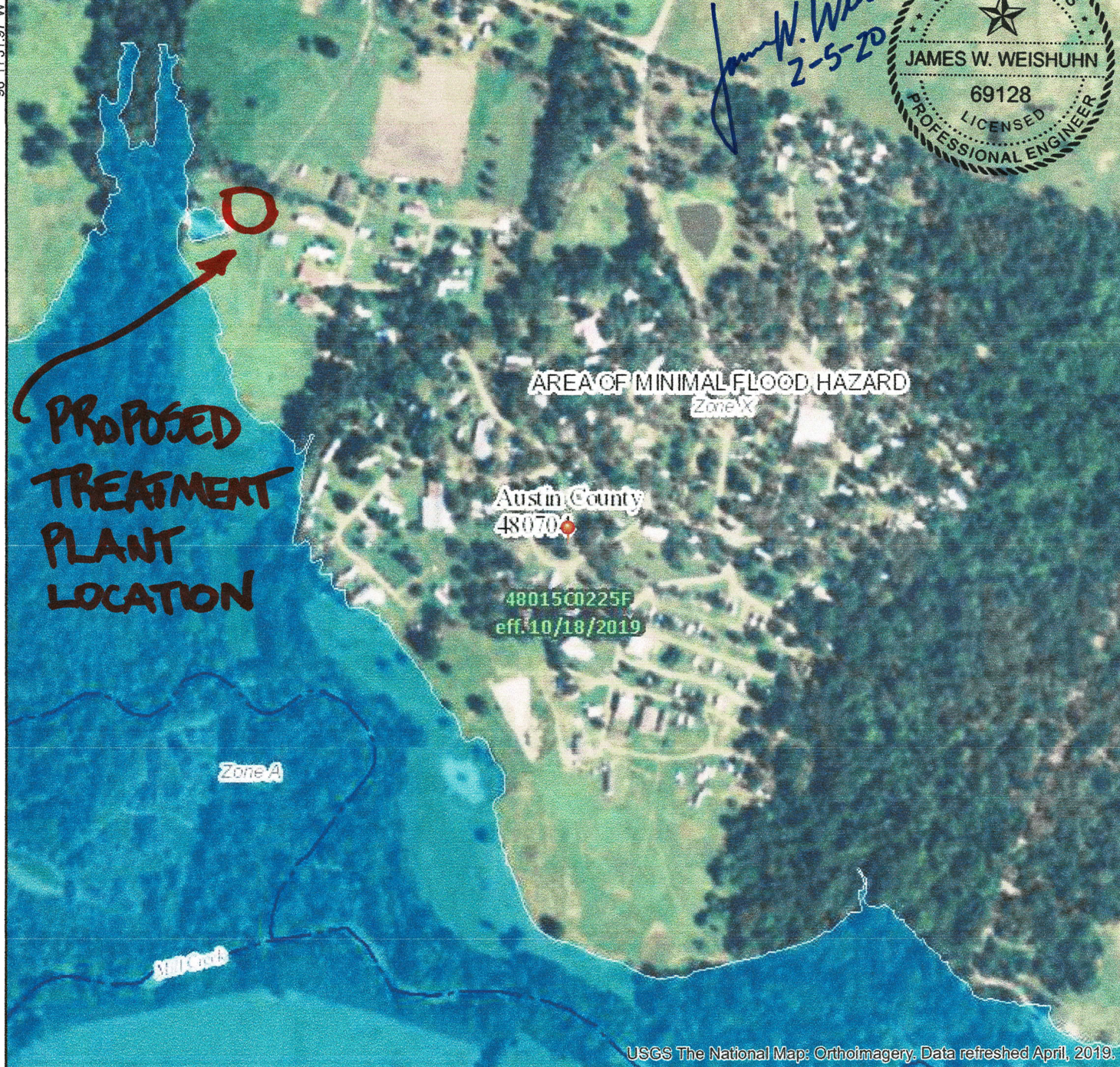
Water Quality Division

Texas Commission on Environmental Quality

PAB/tc

National Flood Hazard Layer FIRMette

29°53'47.57"N



James W. Weishuhn
2-5-20

STATE OF TEXAS
JAMES W. WEISHUHN
69128
LICENSED PROFESSIONAL ENGINEER

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

- | | | |
|-----------------------------|--|---|
| SPECIAL FLOOD HAZARD AREAS | | Without Base Flood Elevation (BFE)
Zone A, V, A99 |
| | | With BFE or Depth Zone AE, AO, AH, VE, AR |
| | | Regulatory Floodway |
| OTHER AREAS OF FLOOD HAZARD | | 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X |
| | | Future Conditions 1% Annual Chance Flood Hazard Zone X |
| | | Area with Reduced Flood Risk due to Levee. See Notes, Zone X |
| | | Area with Flood Risk due to Levee Zone D |
| | | Area of Minimal Flood Hazard Zone X |
| OTHER AREAS | | Effective LOMRs |
| | | Area of Undetermined Flood Hazard Zone I |
| GENERAL STRUCTURES | | Channel, Culvert, or Storm Sewer |
| | | Levee, Dike, or Floodwall |
| OTHER FEATURES | | 20.2 Cross Sections with 1% Annual Chance Water Surface Elevation |
| | | 17.5 Cross Sections with 1% Annual Chance Water Surface Elevation |
| | | Coastal Transect |
| | | Base Flood Elevation Line (BFE) |
| | | Limit of Study |
| | | Jurisdiction Boundary |
| | | Coastal Transect Baseline |
| MAP PANELS | | Profile Baseline |
| | | Hydrographic Feature |
| | | Digital Data Available |
| MAP PANELS | | No Digital Data Available |
| | | Unmapped |

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 1/8/2020 at 10:54:22 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

IAH Annual 1984-92

January 1

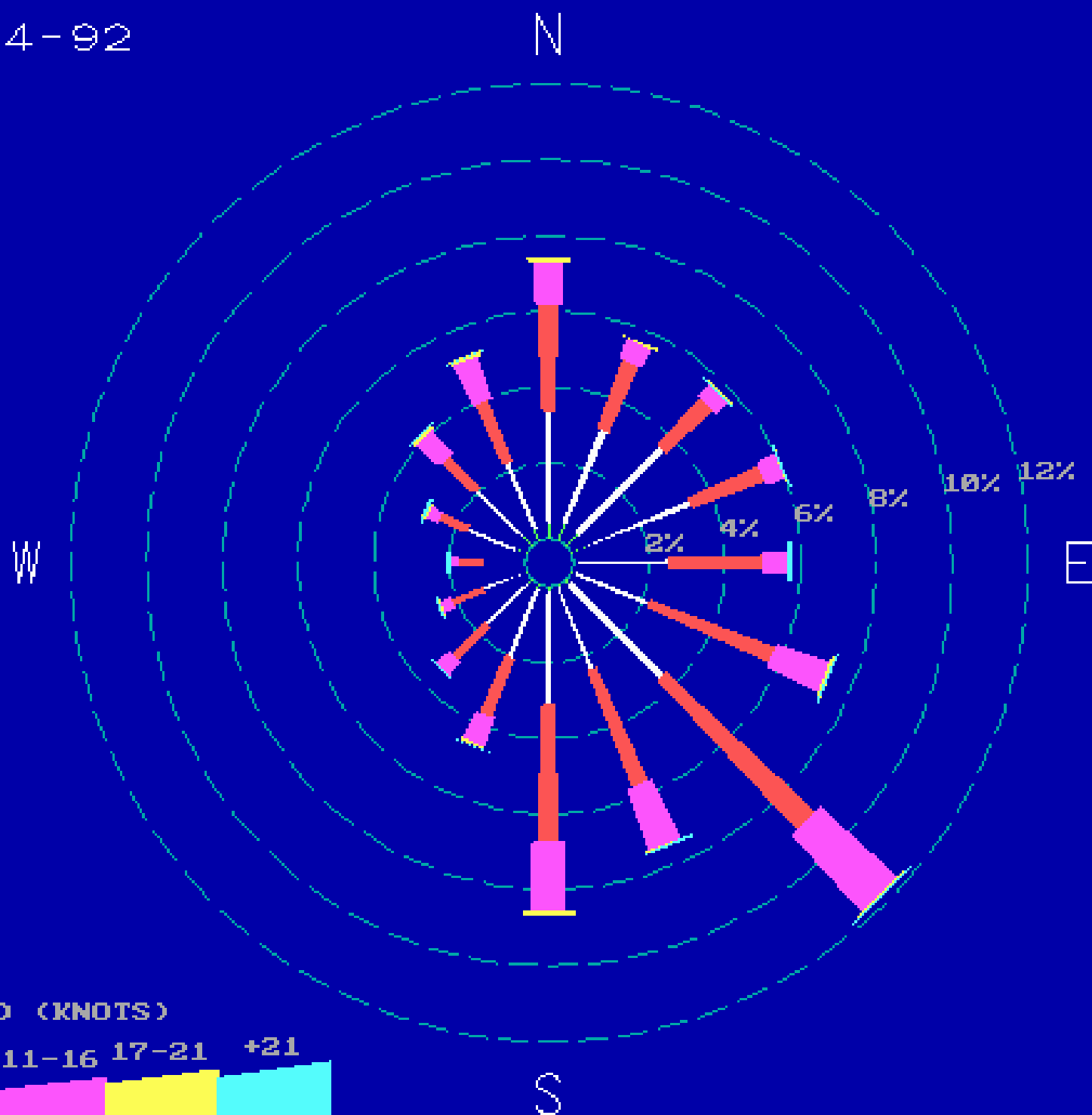
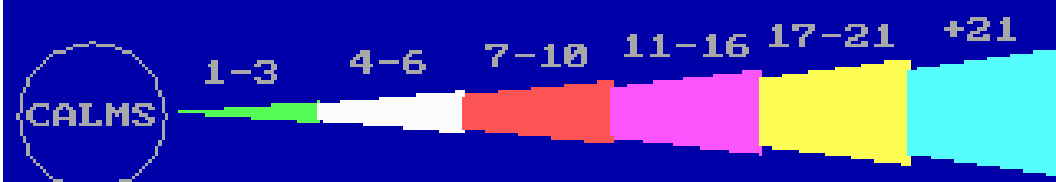
December 31

Midnight-11 PM

NOTE: Frequencies
indicate direction
from which the
wind is blowing.

CALM WINDS 9.18%

WIND SPEED (KNOTS)



Sludge Management Plan
MILL CREEK COMMUNITY LLC

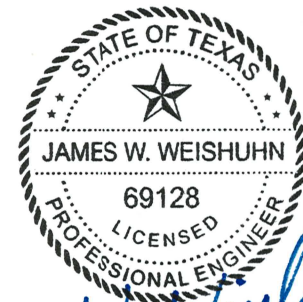
2-4-20

Q	0.065 MGD
BODi	300 mg/L
BODe	10 mg/L
BOD removed	290 mg/L
Sludge Production Rate	0.35 lb TSS / lb BOD removed
Sludge Storage Volume Available	5,000 gallons
Solids Concentration in Clarifier	2%

<u>Solids Generated</u>	<u>100% Flow</u>	<u>75% Flow</u>	<u>50% Flow</u>	<u>25% Flow</u>
Pounds BOD Removed	157	118	79	39
Pounds Dry Sludge Produced	55	41	28	14
Pounds of Wet Sludge Produced	2751	2063	1376	688
Gallons of Wet Sludge Produced	- 330	247	165	82

<u>Removal Schedule (days)</u>	<u>100% Flow</u>	<u>75% Flow</u>	<u>50% Flow</u>	<u>25% Flow</u>
Days Between Removal	15	20	30	61

Liquid sludge will be removed from the ter for disposal on a regular basis as required.
 The sludge will be transported by Coast to Coast (WHP 25721) to Grimes County Water
 Reclamation, LLC Permit Number WQ-0015032001



James W. Weishuhn
 2-5-20
 Fdo

Mill Creek Community LLC
 Process Calculations Summary
 2/4/2020

Daily Flow (Q)=

BOD Concentration(Per 30 TAC 217.32(a)(3) for Municipality Residential =

Max. Organic Loading for Conventional Activated Sludge (Per Figure 30 TAC 217.154(b)(2)) =

Daily BOD Loading to Biological Treatment(Daily Flow x BOD Concentration x 8.34)/1,000,000

Max. Clarifier Surface Loading Rate (Per Figure 30 TAC 217.154(c)(1)) =

Min. Clarifier Detention Time (Per Figure 30 TAC 217.154(c)(1))=

Actual Clarifier Detention Time

Airflow/BOD Loading in Biological Treatment Unit for Conventional Activated Sludge(Per Figure 30 TAC 217.155(b)(1))

Oxygen Required (O_2R) in Biological Treatment Unit for Conventional Activated Sludge(Per Figure 30 TAC 217.155(a)(3))=

Actual O_2R =

Oxygen Required per day = O_2R *Daily BOD Loading

Actual Oxygen per day = Actual O_2R *Daily BOD Loading

Air Required =

Actual Air Provided (acfm)= $scfm(P_{std}/(P_{act}-P_{sat}*\phi))(T_{act}/T_{std})$

Mixing Limit Air Required @ 20scfm/1,000cf =

Actual Mixing Limit Air =

Blower Rating =

65,000 Gallons
 300 mg/L
 45 lb/day/ 1000 cf

163 lb/day

1200 gpd/sf

1.8 hours

2.62 hours

1800 scf/day/lb

1.2 lb O_2 /lb BOD5

1.85 lb O_2 /lb BOD5

195 lb/day

300 lb/day

203 scfm

213 acfm

84 scfm

88 acfm

213 acfm @ 103 in



James W. Weishuhn
 2-5-20
 F-66

Number of RV Slots	300 Units	
Number of Occupants per RV	1	
Total Number of RV Occupants	300	
Design Criteria Flow/Residential Occupant (Per 30 TAC 217.32(a)(3) Table B.1=	50 gpd/resident	
Multiplier Factor per 30 TAC 217(a)(1)(B)	1.5	
Total Daily RV Flow	22,500 gpd	0.023
Number of Mobile Homes	170 Units	
Number of Occupants per Mobile Home	2	
Total number of Mobile Home Occupants	340	
Daily Flow/per Mobile Home (30 TAC 285 Table III	75 gallons	
Multiplier Factor per 30 TAC 217(a)(1)(B)	1.5 gpd	
Total Daily Flow from Mobile Homes =	38,250 gpd	0.0383
Total Flow RV & Mobile Home =	60,750 gpd	0.06075
Say	65,000 gpd	
Avg. Flow	45 gpm	
Peak 2 hour flow =	180 gpm	0.2592



James W. Weishuhn
2-5-20
F-66

Aerobic Treatment Unit Sizing Calculations

Operate Unit in Conventional Activated Sludge

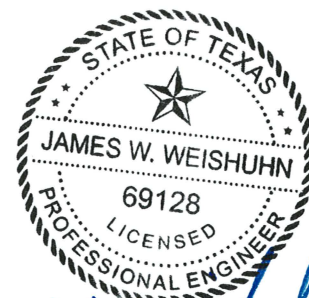
Max. Organic Loading =	45 lb/day/ 1000 cf
Daily BOD Loading =	163 lb/day
Minimum Aeration Volume Required = Daily BOD Loading/ Max. Orgainc Loading	3,614 cf 27,033 Gallons

<u>Dimensions of Aeration Basin</u>	10.5 'SWD x	10 'W. x	40 'L.
Volume = S.W.D. x W. x L.	4,200 cf		
	31,416 Gallons		

Provide one aeration basin
For a total volume of 31,416 gallons

Actual Loading

Aeration Volume = Daily BOD Loading/Loading/1000cf
Actual Loading = 39 lb/day/1000cf



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2-5-20
F-66

Airflow/BOD Loading(Conventional A.S.)(Per Figure 30 TAC 217.155(b)(1)) =

1800 scf/day/lb

Oxygen Required (O₂R)(Per Figure 30 TAC 217.155(a)(3)) =

1.2 lb O₂/lb BOD₅

Actual Oxygen Required

O₂R = (1.2(BOD₅) + 4.3(NH₃-N))/BOD₅ (Per Figure 30 TAC 217.155(a)(3))

BOD₅ = BOD₅ Concentration, mg/L

300 mg/L

NH₃-N = Ammonia nitrogen, mg/L (Per 30 TAC 217.155)

45 mg/L

Actual O₂R =

1.85 lb O₂/lb BOD₅

Oxygen Required per day = O₂R*Daily BOD Loading

195 lb/day

Actual Oxygen per day = Actual O₂R*Daily BOD Loading

300 lb/day

Min. O₂R Criteria

195 lb/day O₂

Q based on Min. O₂R Criteria =

108 scfm

Air Provided

Air Required = Airflow/BOD Loading*Daily BOD Loading*(1day/1440 minutes)

Airflow/BOD Loading =

1800 scf/day/lb

Daily BOD Loading =

163 lb/day

Air Required =

203 scfm

(Air Required is > Q based on Min. O₂R Criteria, Use Air Required)

Actual Air Provided (acfm)= scfm(P_{std}/((P_{act}-P_{sat}*φ))(T_{act}/T_{std})

213 acfm

scfm (standard cubic feet per minute) =

203 scfm

P_{std} (standard absolute air pressure)

14.7 psia

absolute pressure at actual level) =

14.4 psia

P_{sat} (saturation pressure at actual temperature) =

0.699 psi

φ (actual relative humidity) =

0.9

T_{act} (actual ambient air temperature)

550 °R

T_{std} (standard temperature)

560 °R

Mixing Limit Air Requirement =

20 scfm/

1000 cf

Volume of Aeration Tank =

4200 cf

Standard Cubic Feet/Minute (scfm) =

84 scfm

Actual Mixing Limit(acfm)= scfm(P_{std}/((P_{act}-P_{sat}*φ))(T_{act}/T_{std})

88 acfm

scfm (standard cubic feet per minute) =

84 scfm

P_{std} (standard absolute air pressure)

14.7 psia

P_{act} (absolute pressure at actual level) =

14.4 psia

P_{sat} (saturation pressure at actual temperature) =

0.699 psi

φ (actual relative humidity) =

0.9

T_{act} (actual ambient air temperature)

550 °R

T_{std} (standard temperature)

560 °R

Size Blowers:

Length of Piping

100 ft.

Pipe Diameter(D)

6 in.

Blower Rating

213 acfm

Water Depth

10.5 ft.

Head Loss(h_L) = 2.74(V/1000)^{1.9}/D^{1.22}

h_L =

7 wg

Duct Velocity(V)(ft/m) = Blower Rating(acfm)/Area(ft²)

1085 ft/m

Area = πr²

0.20 ft²

Water Depth Head Loss =

10.5 ft

126 in.

Blower Rating =

213 acfm

@

133 in.



James W. Weishuhn
2-5-20
F-66

Mill Creek Community LLC
Chlorine Contact Basin Sizing Calculations
2/4/2020

page 5

Chlorine Contact Basin Sized on Peak Flow= 180 gpm
Chlorine Contact Basin Retention Time 20 minutes
Minimum Chlorine Contact Basin Volume 3600 gallons
install one 4000 gallon chlorine contact basin
Chlorine Dose Required 8 mg/L
Pounds per Chlorine Required 17.3 (max)
Pounds per Chlorine Required 4.3 (avg)

Disinfection

	2	mg/L	free chlorine residual required
Use	10	% NSF approved NaOCl	
	55	gal.	10 %

Determine pounds Cl^- available in the 55 gal. NaOCl solution

Molecular weight

Cl: 35

Na: 22

O: 16

$\text{mgCl}^-/\text{mgNaOCl} = 0.4795$

NaOCl is 10% by weight & 1 gal. is 9.63 lbs.

The Cl^- per gallon = 0.461712 lbCl/gal.

Determine lb/day Cl needed, assuming a dose of 8 mg/L is need for 2 mg/L free Cl-

total water use per day 65000 gal

lb/day Cl = 4.3 lb/day

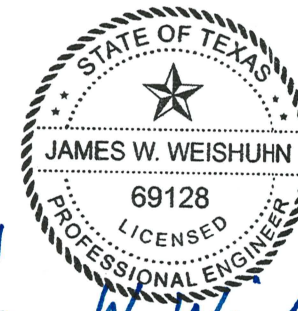
gal/day Cl = 9.0 gal./day

15 day storage = 136 gal.

Meter pump sizing:

$\text{QC} + \text{QC}_{\text{Cl}} = \text{QC}_T$

QC = 180 gpm* 0 mg/L



James W. Weishuhn
2-5-20
F-66

30 TAC 217.154(c)(1)

Max. Surface Loading Rate =

1200 gpd/sf

Min. Detention Time =

1.8 hours

Max Weir Loading Rate

20,000 gpd/lf

Minimum Area = Q/Loading Rate

54.2 sf

Weir Trough Width

2 ft

Provide Clarifier w/

Diameter

24 ft diameter

Effective Diameter

22 ft

Side Wall Height

13 ft

Concrete in Clarifier Height

2.0 ft

Freeboard

1 ft

Side Water Depth

10.0 ft

$A = \pi/4(d)^2$

380.1 sf

Detention Time = Volume/Q

2.62 hours

>

1.8 hours

Surface Loading =

Q/L

$P = 3.14 * D$

69.08 ft

=

3,764 gpd/lf

<

20,000 gpd/lf

Volume = $(\pi/4) * d^2 * \text{Water Depth}$

3801 cf

Two Hour Peak Q =

260,000 gpd

34,759 cf/day

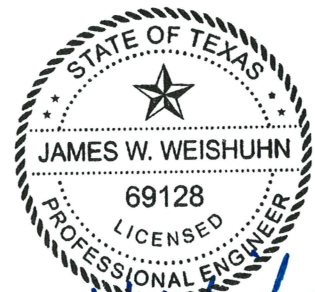
$A = Q/\text{Loading}$

Loading = Daily Flow/A

684 gpd/sf

<

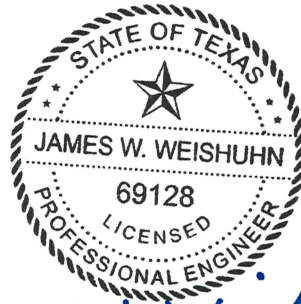
1200 gpd/sf



James W. Weishuhn
2-5-20
F66

$QC_{Cl} =$	$Q \text{ gpm}^*$	55,448 mg/L
$QC_T =$	180 gpm*	8 mg/L
$Q =$	0.03 gpm	
	1.56 gph	

Provide feed pump with capacity of 2.0 gph



James W. Weishuhn
2-5-20
F-66

Wastewater Collection System

Peak Flow Rate at Treatment Plant

2/4/2020

Mobile Homes	170
Flow rate	75 gal/day/person
persons/mobile home	2
multiplier	1.5
Residential Flow	38250 gpd

RV's	300
Flow rate	50 gal/day/rr
persons/RV	1
multiplier	1.5
Commercial Flow	22500 gpd

I/I	500 gpd/mi
pipe length	2 mi
minutes/hour	60 min
hours/day	24 hours

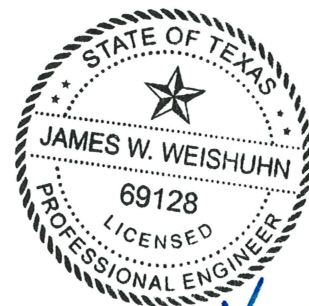
Peaking Factor Calculation (P.F.)

$$P.F. = (18 + \sqrt{P/1000}) / (4 + \sqrt{p/1000})$$

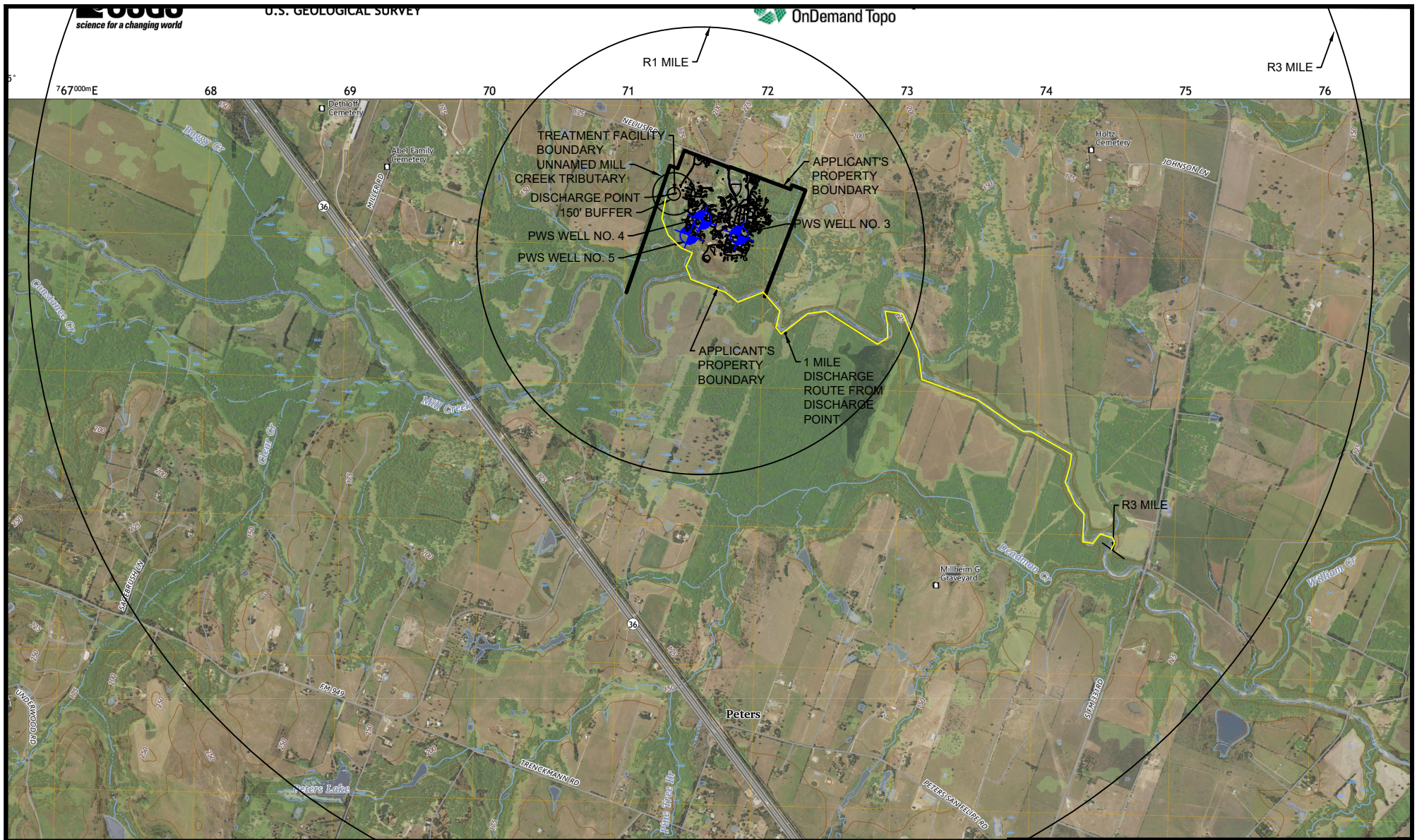
Mobile Home Population	340 persons
RV Population	300 persons
P.F.	3.92

Rounded Peaking Factor	4
------------------------	---

Q Design 169 gpm



James W. Weishuhn
2-5-20
F-666



SCALE 1:24 000

LEGEND:

- DISCHARGE ROUTE
- PROPERTY LINE

ATTACHMENT B
USGS MAP
MILL CREEK COMMUNITY LLC
BELLVILLE, TX
AUSTIN COUNTY

Weishuhn Engineering Inc.
 1008 LIVE OAK STREET P.O. BOX 358
 Columbus, Texas 78934
 (979) 732-6997-PHONE
 F-66

SCALE: 1"=2,000'

DATE: 7/8/25

SHEET of



U. S. GEOLOGICAL SURVEY



TEXAS - CUSTOM EXTENT
7.5-MINUTE TOPO

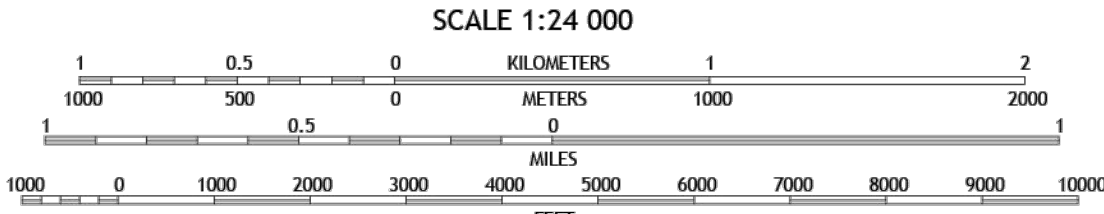
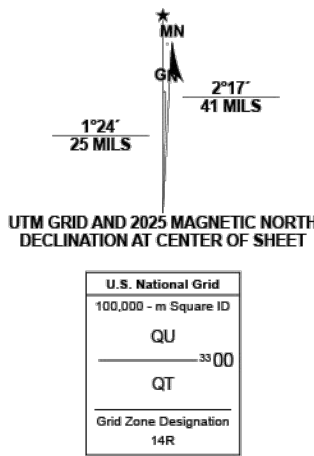


Produced by the United States Geological Survey

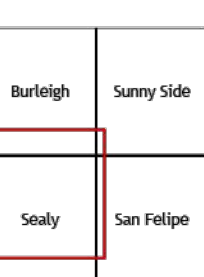
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1 000-meter grid: UNIVERSAL TRANSVERSE MERCATOR, ZONE 14R
Data is provided by The National Map (TNM), is the best available at the time of map
generation, and includes data content from supporting themes of Elevation,
Hydrography, Geographic Names, Boundaries, Transportation, Structures, Land Cover,
and Orthorectification. Refer to associated Federal Geographic Data Committee (FGDC)
Metadata for additional source data information.

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. Temporal changes may have occurred since these data
were collected and some data may no longer represent actual surface conditions.

Learn About The National Map: <https://nationalmap.gov>



CONTOUR INTERVAL: 5 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988
CONTOUR SMOOTHNESS - Medium



ADJOINING QUADRANGLES

ROAD CLASSIFICATION

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

7.5-MINUTE TOPO, TX
2025

ATTACHMENT B
USGS MAP
MILL CREEK COMMUNITY, LLC
BELLVILLE, TX
AUSTIN COUNTY

Weishuhn Engineering Inc.
1008 LIVE OAK STREET P.O. BOX 358
COLUMBIA, TEXAS 78034
(979) 732-6997 PHONE
FAX

SCALE: 1"=2,000' DATE: 7/8/2025 SHEET of

Comisión de Calidad Ambiental del Estado de Texas



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

PERMISO NO. WQ0015872001

SOLICITUD. Mill Creek Community, LLC, Apartado Postal 1015, Tomball, Texas 77377, ha solicitado a la Comisión de Calidad Ambiental de Texas (TCEQ) la renovación del Permiso del Sistema de Eliminación de Descargas Contaminantes de Texas (TPDES) WQ0015872001 (de identificación de la EPA: TX0140201) 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 65,000 galones por día. La planta de tratamiento de aguas residuales domésticas se encuentra en 2812 Nelius Road, cerca de la ciudad de Bellville, en el condado de Austin, Texas 77418. La ruta de descarga va desde la planta hasta una serie de afluentes sin nombre; de allí a Mill Creek; y de allí al río Brazos, debajo del río Navasota. La TCEQ recibió esta solicitud el 24 de junio de 2025. La solicitud para el permiso estará disponible para leerla y copiarla en Biblioteca Pública de Bellville, Recepción, 12 West Palm Street, Bellville, Condado de Austin, 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=-96.190277,29.894444&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 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.** Si ciertos criterios se cumplen, la TCEQ puede actuar sobre una solicitud para renovar un permiso sin proveer una oportunidad de una audiencia administrativa de lo contencioso.

LISTA DE CORREO. Si somete comentarios públicos, un pedido para una audiencia administrativa de lo contencioso o una reconsideración de la decisión del Director Ejecutivo, la Oficina del Secretario Principal enviará por correo los avisos públicos en relación con la solicitud. Además, puede pedir que la TCEQ ponga su nombre en una o más de las listas correos siguientes (1) la lista de correo permanente para recibir los avisos del solicitante indicado por nombre y número del permiso específico y/o (2) la lista de correo de todas las solicitudes en un condado 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. 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 Mill Creek Community LLC a la dirección indicada arriba o llamando a Sr. George Jarquesy al 2812906655.

Fecha de emisión: *[Date notice issued]*

Brandon Maldonado

From: Brandon Maldonado
Sent: Wednesday, July 9, 2025 1:45 PM
To: weishuhnengineering@gmail.com
Cc: patty@jarkesy.com
Subject: RE: Application to Renew Permit No. WQ0015872001 - Notice of Deficiency Letter

Good afternoon,

Your response is sufficient for all items of the NOD. I will now work to admin complete your application.

Please let me know if you have any questions.

Regards,



Brandon Maldonado
Texas Commission on Environmental
Quality
Water Quality Division
512-239-4331
Brandon.Maldonado@tceq.texas.gov

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

From: Weishuhn Engineering Inc <weishuhnengineering@gmail.com>
Sent: Wednesday, July 9, 2025 9:47 AM
To: Brandon Maldonado <Brandon.Maldonado@tceq.texas.gov>
Cc: patty@jarkesy.com
Subject: Re: Application to Renew Permit No. WQ0015872001 - Notice of Deficiency Letter

Item 1 USGS MAP

Attached you will find the requested information. The three mile downstream USGS map is provided in 8.5 x 11 and 24x36.

Item 2 The NORI is correct as presented.

Item 3 Spanish NORI is attached. I was unable to fix the permit number at the top and the date at the bottom since it is locked for editing.

Appreciate your review and look forward to your response.

Best regards
Barbara Weishuhn

On Wed, Jul 2, 2025 at 4:45 PM Brandon Maldonado <Brandon.Maldonado@tceq.texas.gov> wrote:

Dear Ms. Villa,

The attached Notice of Deficiency (NOD) letter sent on **July 2, 2025**, requests additional information needed to declare the application administratively complete. Please send complete response to my attention by **July 16, 2025**.

Please let me know if you have any questions.

Regards,

Brandon Maldonado



Texas Commission on Environmental
Quality

Water Quality Division

512-239-4331

Brandon.Maldonado@tceq.texas.gov

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www.tceq.texas.gov/customersurvey