

# Administrative Package Cover Page

### This file contains the following documents:

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



# Portada de Paquete Administrativo

### Este archivo contiene los siguientes documentos:

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

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



## PLAIN LANGUAGE SUMMARY FOR TPDES OR TLAP PERMIT APPLICATIONS

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

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

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

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

#### ENGLISH TEMPLATE FOR TPDES or TLAP NEW/RENEWAL/AMENDMENT APPLICATIONS Enter 'INDUSTRIAL' or 'DOMESTIC' here WASTEWATER/STORMWATER

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

Undine Texas Environmental, LLC (CN605662840) operates The Addie Wastewater Treatment Facility (RN109199893), a activated sludge process plant operated in the complete mix mode. The facility is located at 800 North Capital of Texas Highway, in West lake hills, Travis County, Texas 78746. This application for a new discharge with a final phase of 0.009MGD. This permit will not authorize a discharge of pollutants into water in the state.

Discharges from the facility are expected to contain contain five-day carbonaceous biochemical oxygen demand (CBOD<sub>5</sub>), total suspended solids (TSS), ammonia nitrogen (NH<sub>3</sub>-N), and *Escherichia coli*. Domestic wastewater will be treated by an activated sludge process plant and the treatment units will include a bar screen, aeration basins, final clarifiers, sludge digesters, and chlorine contact chamber.

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

#### AGUAS RESIDUALES Introduzca 'INDUSTRIALES' o 'DOMÉSTICAS' aquí /AGUAS PLUVIALES

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

1. Introduzca el nombre del solicitante aquí (2. Introduzca el número de cliente aquí (es decir, CN6#######).) 3. Elija del menú desplegable 4. Introduzca el nombre de la instalación aquí 5. Introduzca el número de entidad regulada aquí (es decir, RN1#########), 6. Elija del menú desplegable 7. Introduzca la descripción de la instalación aquí. La instalación 8. Elija del menú desplegable. ubicada en 9. Introduzca la ubicación aquí, en 10. Introduzca el nombre de la ciudad aquí, Condado de 11. Introduzca el nombre del condado aquí, Texas 12. Introduzca el código postal aquí. 13. Introduzca el resumen de la petición de solicitud aquí. *<<Para las solicitudes de TLAP incluya la siguiente oración, de lo contrario, elimine:>>* Este permiso no autorizará una descarga de contaminantes en el agua en el estado.

Se espera que las descargas de la instalación contengan 14. Liste todos los contaminantes esperados aquí. 15. Introduzca los tipos de aguas residuales descargadas aquí. 16. Elija del menú desplegable tratado por 17. Introduzca una descripción del tratamiento de aguas residuales utilizado en la instalación aquí.

#### 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 <u>WQ-ARPTeam@tceq.texas.gov</u> or by phone at (512) 239-4671.

#### Example

#### Individual Industrial Wastewater 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 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 (CN60000000) operates the Starr Power Station (RN1000000000), a twounit 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 (CN60000000, 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.

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

#### AGUAS RESIDUALES DOMÉSTICAS

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

Undine Texas Environmental, LLC (CN605662840) opera la Planta de Tratamiento de Aguas Residuales de Addie (RN109199893), una planta de procesamiento de lodos activados que opera en el modo de mezcla completa. La instalación está ubicada en 800 North Capital of Texas Highway, en West Lake Hills, Travis County, Texas 78746. Esta solicitud de una nueva descarga con una fase final de 0,009MGD. Este permiso no autorizará la descarga de contaminantes en el agua del estado.

Se espera que las descargas de la instalación contengan una demanda bioquímica carbonosa de oxígeno (CBOD5) de cinco días, sólidos suspendidos totales (TSS), nitrógeno amoniacal (NH3-N) y Escherichia coli. Las aguas residuales domésticas serán tratadas por una planta de procesamiento de lodos activados y las unidades de tratamiento incluirán una pantalla de barras, cuencas de aireación, clarificadores finales, digestores de lodos y cámara de contacto con cloro. .

## **TEXAS COMMISSION ON ENVIRONMENTAL QUALITY**



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

#### PERMIT NO. WQ0015473001

**APPLICATION.** Undine Texas Environmental, LLC, 17681 Telge Road, Cypress, Texas 77429, has applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Land Application Permit (TLAP) No. WQ0015473001 to authorize the disposal of treated wastewater at a volume not to exceed a daily average flow of 9,000 gallons per day via public access subsurface area drip dispersal system with a minimum area of 90,000 square feet. The domestic wastewater treatment facility and disposal area are located at 800 North Capital of Texas Highway, in the city of West Lake Hills, in Travis County, Texas 78746. TCEQ received this application on November 26, 2024. The permit application will be available for viewing and copying at Milwood Branch, Austin Public Library, 12500 Amherst Drive, Austin, in Travis 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: <a href="https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tlap-applications">https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tlap-applications.</a> This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application.

https://gisweb.tceq.texas.gov/LocationMapper/?marker=-97.827222,30.311944&level=18

ALTERNATIVE LANGUAGE NOTICE. Alternative language notice in Spanish is available at: <u>https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tlap-applications</u>. El aviso de idioma alternativo en español está disponible en <u>https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tlap-applications</u>.

**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 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 <u>www.tceq.texas.gov/goto/cid</u>. 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 <u>https://www14.tceq.texas.gov/epic/eComment/</u>, 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 <u>www.tceq.texas.gov/goto/pep</u>. Si desea información en Español, puede llamar al 1-800-687-4040.

Further information may also be obtained from Undine Texas Environmental, LLC at the address stated above or by calling Mr. Jeff Goebel, Business Development, at 713-724-9321.

Issuance Date: February 7, 2025

## Comisión de Calidad Ambiental del Estado de Texas



#### AVISO DE RECIBO DE LA SOLICITUD E INTENCION DE OBTENER PERMISO PARA LA CALIDAD DEL AGUA RENOVACION

#### **PERMISO NO. WQ0015473001**

APLICACIÓN. Undine Texas Environmental, LLC, 17681 Telge Road, Cypress, Texas 77429 ha solicitado a la Comisión de Calidad Ambiental de Texas (TCEQ) la renovación del Permiso de Aplicación de Tierras de Texas (TLAP) No. WQ0015473001 autorizar la eliminación de aguas residuales tratadas a un volumen que no exceda un flujo promedio diario de 9,000 galones por día a través del sistema de dispersión por goteo de área subterránea de acceso público con un área mínima de 90,000 pies cuadrados. La instalación de tratamiento de aguas residuales domésticas y el área de eliminación están ubicadas en 800 North Capital of Texas Highway, en la ciudad de West Lake Hills, en el condado de Travis, Texas 78746. TCEO recibió esta solicitud el 26 de noviembre de 2024. La solicitud de permiso estará disponible para ver y copiar en Milwood Branch, Biblioteca Pública de Austin, 12500 Amherst Drive, Austin, en el condado de Travis, Texas antes de la fecha en que se publique este aviso en el periódico. La solicitud, incluidas las actualizaciones, y los avisos asociados están disponibles electrónicamente en la siguiente página web: https://www.tceq.texas.gov/permitting/wastewater/pendingpermits/tlap-applications. Este enlace a un mapa electrónico de la ubicación general del sitio o instalación se proporciona como una cortesía pública y no forma parte de la solicitud o aviso. Para conocer la ubicación exacta, consulte la aplicación. https://gisweb.tceq.texas.gov/LocationMapper/?marker=-97.827222,30.311944&level=18

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

#### COMENTARIO PUBLICO / REUNION PUBLICA. Usted puede presentar

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

#### OPORTUNIDAD DE UNA AUDIENCIA ADMINISTRATIVA DE LO CONTENCIOSO.

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

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

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

Si ciertos criterios se cumplen, la TCEQ puede actuar sobre una solicitud para renovar un permiso sin proveer una oportunidad de una audiencia administrativa de lo contencioso.

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

solicitudes en un condado especifico. Si desea que se agrega su nombre en una de las listas designe cual lista(s) y envia por correo su pedido a la Oficina del Secretario Principal de la TCEQ.

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

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

También se puede obtener información adicional del Undine Texas Environmental, LLC a la dirección indicada arriba o llamando a Jeff Goebel al 713-724-9321

Fecha de emission: 7 de febrero de 2025

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



## DOMESTIC WASTEWATER PERMIT APPLICATION **CHECKLIST**

#### Complete and submit this checklist with the application.

APPLICANT NAME: Undine Texas Environmental, LLC PERMIT NUMBER (If new, leave blank): WQ00 15473001 Indicate if each of the following items is included in your application.

Y

Ν

I	IN
$\boxtimes$	
	$\boxtimes$
$\boxtimes$	
$\boxtimes$	
	$\boxtimes$
$\boxtimes$	
	$\boxtimes$
$\boxtimes$	
	$\boxtimes$

	Y	Ν
Original USGS Map	$\boxtimes$	
Affected Landowners Map		$\boxtimes$
Landowner Disk or Labels		$\boxtimes$
Buffer Zone Map		$\boxtimes$
Flow Diagram	$\boxtimes$	
Site Drawing	$\boxtimes$	
Original Photographs		$\boxtimes$
Design Calculations		$\boxtimes$
Solids Management Plan	$\boxtimes$	
Water Balance		$\boxtimes$

#### For TCEQ Use Only

Segment Number	County
8	Region
Permit Number	~ 

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



## DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

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

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

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

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

Minor Amendment (for any flow) \$150.00 □

#### **Payment Information:**

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

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

- **a.** Check the box next to the appropriate authorization type.
  - □ Publicly-Owned Domestic Wastewater
  - Privately-Owned Domestic Wastewater
  - Conventional Wastewater Treatment
- **b.** Check the box next to the appropriate facility status.
  - $\boxtimes$  Active  $\square$  Inactive

- **c.** Check the box next to the appropriate permit type.
  - ⊠ TPDES Permit
  - □ TLAP
  - □ TPDES Permit with TLAP component
  - Subsurface Area Drip Dispersal System (SADDS)
- **d.** Check the box next to the appropriate application type
  - □ New
  - $\square Major Amendment <u>with</u> Renewal <math display="block">\square Minor Amendment <u>with</u> Renewal$
  - □ Major Amendment <u>without</u> Renewal
- Minor Amendment <u>without</u> Renewal
- $\boxtimes$  Renewal without changes  $\square$  Minor Modification of permit
- e. For amendments or modifications, describe the proposed changes: Click to enter text.

#### f. For existing permits:

Permit Number: WQ00 **<u>15473001</u>** EPA I.D. (TPDES only): TX <u>0088366</u> Expiration Date: <u>12/1/2024</u>

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

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

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

#### **Undine Texas Environmental, LLC**

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

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

#### CN: <u>604519330</u>

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

Prefix: <u>Mr</u> Last Name, First Name: <u>Tillman, Vance</u>

Title: <u>CFO</u> Credential: Click to enter text.

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

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

Click to enter text.

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

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

CN: Click to enter text.

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

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

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

#### C. Core Data Form

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

#### Section 4. Application Contact Information (Instructions Page 27)

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

A.	Prefix: <u>Mr.</u>	Last Name, First Name: <u>Jeff Goebel</u>	
	Title: <u>Business Development</u>	Credential: Click to enter text.	
	Organization Name: <u>Undine Texas</u>	<u>Environmental, LLC</u>	
	Mailing Address: <u>17681 Telge Rd</u>	City, State, Zip Code: <u>Cy</u>	press Texas 77429
	Phone No.: <u>713-724-9321</u>	E-mail Address: jgoebel@undinellc	e.com
	Check one or both: $\square$ Adm	ninistrative Contact	Technical Contact
B.	Prefix: Click to enter text.	Last Name, First Name: Click to en	nter text.
	Title: Click to enter text.	Credential: Click to enter text.	
	Organization Name: Click to ente	er text.	
	Mailing Address: Click to enter te	ext. City, State, Zip Code: Cli	ick to enter text.
	Phone No.: Click to enter text.	E-mail Address: Click to enter tex	xt.
	Check one or both: $\Box$ Adm	ninistrative Contact	Technical Contact

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

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

А.	Prefix: <u>Ms</u>	Last Name, First Name: <u>Carey Thomas</u>
	Title: <u>VP</u>	Credential: Click to enter text.
	Organization Name: <u>Undine Texas</u>	<u>Environmental, LLC</u>
	Mailing Address: <u>17681 Telge Rd</u>	City, State, Zip Code: <u>Cypress Texas 77429</u>
	Phone No.: <u>713-554-7820</u>	E-mail Address: <u>cthomas@undinellc.com</u>

B.	Prefix: <u>Mr.</u>	Last Name, First Name: <u>Andy Thomas</u>
	Title: <u>VP</u>	Credential: Click to enter text.
	Organization Name: <u>Undine Texas</u>	<u>Environmental, LLC</u>
	Mailing Address: <u>17681 Telge Rd</u>	City, State, Zip Code: <u>Cypress Texas 77429</u>
	Phone No.: <u>713-554-7820</u>	E-mail Address: <u>athomas@undinellc.com</u>

#### Section 6. Billing Contact Information (Instructions Page 27)

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

Prefix: <u>Ms</u>	Last Name, First Name: <u>Carey Thomas</u>	
Title: <u>VP</u>	Credential: Click to enter text.	
Organization Name: <u>Undine Texas Environmental, LLC</u>		
Mailing Address: <u>17681 Telge Rd</u>	City, State, Zip Code: <u>Cypress Texas 77429</u>	
Phone No.: 713-554-7820	E-mail Address: <u>cthomas@undinellc.com</u>	

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

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

Prefix: <u>Ms</u>	Last Name, First Name: <u>Carey Thomas</u>	
Title: <u>VP</u>	Credential: Click to enter text.	
Organization Name: <u>Undine Texas Environmental, LLC</u>		
Mailing Address: <u>17681 Telge Rd</u>	City, State, Zip Code: <u>Cypress Texas 77429</u>	
Phone No.: <u>713-554-7820</u>	E-mail Address: <u>cthomas@undinellc.com</u>	

#### Section 8. Public Notice Information (Instructions Page 27)

A. Individual Publishing the Notices

Prefix: Mr.Last Name, First Name: Jeff GoebelTitle: Business DevelopmentCredential: Click to enter text.Organization Name: Undine Texas Environmental, LLCMailing Address: 17681 Telge RdCity, State, Zip Code: Cypress Texas 77429Phone No.: 713-724-9321E-mail Address: jgoebel@undinellc.com

## B. Method for Receiving Notice of Receipt and Intent to Obtain a Water Quality Permit Package

Indicate by a check mark the preferred method for receiving the first notice and instructions:

- □ E-mail Address
- □ Fax
- □ Regular Mail

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

Prefix: Mr.Last Name, First Name: Jeff GoebelTitle: Business DevelopmentCredential: Click to enter text.Organization Name: Undine Texas Environmental, LLCMailing Address: 17681 Telge RdCity, State, Zip Code: Cypress Texas 77429Phone No.: 713-724-9321E-mail Address: jgoebel@undinellc.com

#### **D.** Public Viewing Information

*If the facility or outfall is located in more than one county, a public viewing place for each county must be provided.* 

Public building name: Milwood Branch, Austin Public Library

Location within the building: Click to enter text.

Physical Address of Building: **<u>12500 Amherst Drive</u>** 

City: <u>Austin</u>	County: <u>Travis</u>
---------------------	-----------------------

Contact (Last Name, First Name): Click to enter text.

Phone No.: <u>512-974-9880</u> Ext.: Click to enter text.

#### E. Bilingual Notice Requirements

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

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

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

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

🖾 Yes 🗆 No

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

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

🛛 Yes 🗆 No

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

🗆 Yes 🖾 No

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

🗆 Yes 🖾 No

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

#### F. Plain Language Summary Template

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

Attachment: A-2

#### G. Public Involvement Plan Form

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

Attachment: <u>NA</u>

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

A. If the site is currently regulated by TCEQ, provide the Regulated Entity Number (RN) issued to this site. **RN 109199893** 

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

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

Angle Acres Subdivision

C. Owner of treatment facility: <u>Undine Texas Environmental, LLC</u>

Ownership of Facility: $\Box$ Public $\boxtimes$ Private $\Box$ Both $\Box$ Federal

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

Prefix: Click to enter text. Last Name, First Name: <u>Undine Texas Environmental, LLC</u>

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

Organization Name: <u>Undine Texas Environmental, LLC</u>

Mailing Address: <u>17681 Telge Rd</u> City, State, Zip Code: <u>Cypress Texas 77429</u>

Phone No.: 713-554-7820 E-mail Address: cthomas@undinellc.com

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

Attachment: Click to enter text.

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

Prefix: Click to enter text.	Last Name, First Name: Click to enter text.
Title: Click to enter text.	Credential: Click to enter text.
Organization Name: Click to	enter text.
Mailing Address: Click to ent	er text. City, State, Zip Code: Click to enter text.
Phone No.: Click to enter text	E-mail Address: Click to enter text.

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

#### Attachment: See Attached

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

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

Organization Name: Click to enter text.

Mailing Address: Click to enter text. City, State, Zip Code: Click to enter text.

Phone No.: Click to enter text. E-mail Address: Click to enter text.

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

Attachment: Click to enter text.

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

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

🖾 Yes 🗆 No

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

Click to enter text.

- **B.** Are the point(s) of discharge and the discharge route(s) in the existing permit correct?
  - 🖾 Yes 🗆 No

If **no**, **or a new or amendment permit application**, provide an accurate description of the point of discharge and the discharge route to the nearest classified segment as defined in 30 TAC Chapter 307:

Click to enter text.

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

County in which the outfalls(s) is/are located: Brazoria

- **C.** Is or will the treated wastewater discharge to a city, county, or state highway right-of-way, or a flood control district drainage ditch?
  - 🛛 Yes 🖾 No

If **yes**, indicate by a check mark if:

Authorization granted Authorization pending

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

Attachment: Click to enter text.

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

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

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

🗆 Yes 🖾 No

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

Click to enter text.

- **B.** City nearest the disposal site: Click to enter text.
- C. County in which the disposal site is located: Click to enter text.
- **D.** For **TLAPs**, describe the routing of effluent from the treatment facility to the disposal site:

Click to enter text.

**E.** For **TLAPs**, please identify the nearest watercourse to the disposal site to which rainfall runoff might flow if not contained: Click to enter text.

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

- A. Is the facility located on or does the treated effluent cross American Indian Land?
  - 🗆 Yes 🖾 No
- **B.** If the existing permit contains an onsite sludge disposal authorization, is the location of the sewage sludge disposal site in the existing permit accurate?

🗆 Yes

 $\square$  No  $\square$  Not Applicable

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

Click to enter text.

- **C.** Did any person formerly employed by the TCEQ represent your company and get paid for service regarding this application?
  - 🗆 Yes 🖾 No

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

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

🗆 Yes 🖾 No

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

Account number: Click to enter text.

Amount past due: Click to enter text.

E. Do you owe any penalties to the TCEQ?

🗆 Yes 🖾 No

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

Enforcement order number: Click to enter text.

Amount past due: Click to enter text.

### Section 13. Attachments (Instructions Page 33)

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

□ Lease agreement or deed recorded easement, if the land where the treatment facility is located or the effluent disposal site are not owned by the applicant or co-applicant.

Original full-size USGS Topographic Map with the following information:

- Applicant's property boundary
- Treatment facility boundary
- Labeled point of discharge for each discharge point (TPDES only)
- Highlighted discharge route for each discharge point (TPDES only)
- Onsite sewage sludge disposal site (if applicable)
- Effluent disposal site boundaries (TLAP only)
- New and future construction (if applicable)
- 1 mile radius information
- 3 miles downstream information (TPDES only)
- All ponds.
- □ Attachment 1 for Individuals as co-applicants
- □ Other Attachments. Please specify: Click to enter text.

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

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

Permit Number: WQ0015473001

Applicant: Undine Texas Environmental, LLC

Certification:

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

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

Signatory name (typed or printed): Vance Tillman

Signatory title: Chief Financial Officer

Signature:		Date:	
(Use blue ink)			
Subscribed and Sworn to before	me by the said		
on this	day of	, 20	0
My commission expires on the	day of	, 20	0

Notary Public

[SEAL]

County, Texas

## DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

The following information is required for new and amendment applications.

#### Section 1. Affected Landowner Information (Instructions Page 36)

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

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

Click to enter text.

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

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

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

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

- **A.** Buffer zone map. Provide a buffer zone map on 8.5 x 11-inch paper with all of the following information. The applicant's property line and the buffer zone line may be distinguished by using dashes or symbols and appropriate labels.
  - The applicant's property boundary;
  - The required buffer zone; and
  - Each treatment unit; and
  - The distance from each treatment unit to the property boundaries.
- **B.** Buffer zone compliance method. Indicate how the buffer zone requirements will be met. Check all that apply.
  - □ Ownership
  - □ Restrictive easement
  - □ Nuisance odor control
  - □ Variance
- **C.** Unsuitable site characteristics. Does the facility comply with the requirements regarding unsuitable site characteristic found in 30 TAC § 309.13(a) through (d)?

□ Yes □ No

## DOMESTIC WASTEWATER PERMIT APPLICATION SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

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

Attachment: Click to enter text.

## WATER QUALITY PERMIT

## **PAYMENT SUBMITTAL FORM**

#### Use this form to submit the Application Fee, if the mailing the payment.

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

#### Mail this form and the check or money order to:

BY REGULAR U.S. MAIL	BY OVERNIGHT/EXPRESS MAIL
Texas Commission on Environmental Quality	Texas Commission on Environmental Quality
Financial Administration Division	Financial Administration Division
Cashier's Office, MC-214	Cashier's Office, MC-214
P.O. Box 13088	12100 Park 35 Circle
Austin, Texas 78711-3088	Austin, Texas 78753

#### Fee Code: WOP Waste Permit No: Click to enter text.

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

Name of Project or Site: Click to enter text.

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

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

#### Staple Check or Money Order in This Space

## **ATTACHMENT 1**

## INDIVIDUAL INFORMATION

### Section 1. Individual Information (Instructions Page 41)

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

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

Full legal name (Last Name, First Name, Middle Initial): Click to enter text.

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

Date of Birth: Click to enter text.

Mailing Address: Click to enter text.

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

Phone Number: Click to enter text. Fax Number: Click to enter text.

E-mail Address: Click to enter text.

CN: Click to enter text.

For Commission Use Only: Customer Number: Regulated Entity Number: Permit Number:

## DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST OF COMMON DEFICIENCIES

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

Core Data Form (TCEQ Form No. 10400) ( <i>Required for all application types. Must be completed in its entirety and signed Note: Form may be signed by applicant representative.</i> )	□ 1.	Yes
Correct and Current Industrial Wastewater Permit Application Forms (TCEQ Form Nos. 10053 and 10054. Version dated 6/25/2018 or later.)		Yes
Water Quality Permit Payment Submittal Form (Page 19) (Original payment sent to TCEQ Revenue Section. See instructions for mailing of	□ address	Yes )
7.5 Minute USGS Quadrangle Topographic Map Attached (Full-size map if seeking "New" permit. 8 ½ x 11 acceptable for Renewals and Amendments)		Yes
Current/Non-Expired, Executed Lease Agreement or Easement	¥ 🗆	Yes
Landowners Map $\square$ N/A (See instructions for landowner requirements)	¥ 🗆	Yes

#### Things to Know:

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

Landowners Cross Reference List (See instructions for landowner requirements)		N/A		Yes		
Landowners Labels or USB Drive attached (See instructions for landowner requirements)		N/A		Yes		
Original signature per 30 TAC § 305.44 – Blue Ink Preferred (If signature page is not signed by an elected official or principle executive officer a copy of signature authority/delegation letter must be attached)						
Plain Language Summary				Yes		

#### **Candice Calhoun**

From:	Jeff Goebel <jgoebel@undinellc.com></jgoebel@undinellc.com>
Sent:	Monday, December 16, 2024 3:01 PM
То:	Candice Calhoun
Subject:	RE: Application to Renew Permit No. WQ0015473001 - Undine Texas Environmental, LLC
	- Notice of Deficiency
Attachments:	scanner_20241216_155846.pdf

#### Candice Calhoun-Courville

- 1. A paper Copy was sent via mail, however this response will be followed by a paper copy as well
- 2. A copy of the check will be emailed to you on 12/17
- 3. Please see revised pages 3,6,7,9
- 4. Please see CDF
- 5. Please see attached
- 6. Please finish the NORI and a PLS will be provided
- 7. Technical Report will be provided by 12/20
- 8. Technical Report will be provided by 12/20
- 9. Please correct NORI with the info provided and resend to me via email
- 10. Please correct NORI with the info provided and resend to me via email

I will be out of the office until 12/18.

Thank you

Jeff Goebel

From: Candice Calhoun <Candice.Calhoun@tceq.texas.gov>
Sent: Monday, December 2, 2024 11:16 AM
To: Jeff Goebel <jgoebel@undinellc.com>
Subject: Application to Renew Permit No. WQ0015473001 - Undine Texas Environmental, LLC - Notice of Deficiency
Importance: High

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning, Mr. Goebel,

The attached Notice of Deficiency (NOD) letter dated <u>December 2, 2024</u>, requests additional information needed to declare the application administratively complete. Please send complete response, via email, to my attention, by <u>December 16, 2024</u>.

Please let me know if you have any questions.

- c. Check the box next to the appropriate permit type.
  - □ TPDES Permit
  - ⊠ TLAP
  - TPDES Permit with TLAP component
  - Subsurface Area Drip Dispersal System (SADDS)
- **d.** Check the box next to the appropriate application type
  - □ New
  - Major Amendment <u>with</u> Renewal
  - □ Major Amendment <u>without</u> Renewal
- Minor Amendment <u>with</u> Renewal
- □ Minor Amendment <u>without</u> Renewal
- $\square$  Renewal without changes  $\square$  Minor Modification of permit
- e. For amendments or modifications, describe the proposed changes: Click to enter text.

#### f. For existing permits:

Permit Number: WQ00 **<u>15473001</u>** EPA I.D. (TPDES only): TX <u>0088366</u> Expiration Date: <u>12/1/2024</u>

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

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

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

#### Undine Texas Environmental, LLC

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

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

CN: <u>604519330</u>

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

Prefix: <u>Mr</u> Last Name, First Name: <u>Tillman, Vance</u>

Title: <u>CFO</u> Credential: Click to enter text.

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

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

Click to enter text.

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

## B. Method for Receiving Notice of Receipt and Intent to Obtain a Water Quality Permit Package

Indicate by a check mark the preferred method for receiving the first notice and instructions:

- 🗵 🛛 E-mail Address
- 🖾 Fax
- Regular Mail

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

Prefix: Mr.Last Name, First Name: Jeff GoebelTitle: Business DevelopmentCredential: Click to enter text.Organization Name: Unding Tame Engineering to LLC

Organization Name: <u>Undine Texas Environmental, LLC</u>

Mailing Address: <u>17681 Telge Rd</u> City, State, Zip Code: <u>Cypress Texas 77429</u>

Phone No.: 713-724-9321 E-mail Address: jgoebel@undinellc.com

#### **D. Public Viewing Information**

If the facility or outfall is located in more than one county, a public viewing place for each county must be provided.

Public building name: Milwood Branch, Austin Public Library

Location within the building: Click to enter text.

Physical Address of Building: 12500 Amherst Drive

City: <u>Austin</u> County: <u>Travis</u>

Contact (Last Name, First Name): Click to enter text.

Phone No.: <u>512-974-9880</u> Ext.: Click to enter text.

#### E. Bilingual Notice Requirements

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

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

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

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

🖾 Yes 🛛 No

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

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

🖾 Yes 🗀 No

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

🗆 Yes 🖾 No

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

🗆 Yes 🖾 No

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

#### F. Plain Language Summary Template

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

Attachment: <u>A-2</u>

#### G. Public Involvement Plan Form

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

Attachment: NA

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

A. If the site is currently regulated by TCEQ, provide the Regulated Entity Number (RN) issued to this site. **RN** 109199893

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

- **B.** Name of project or site (the name known by the community where located): <u>The Addie WWTP</u>
- C. Owner of treatment facility: <u>Undine Texas Environmental, LLC</u>

Ownership of Facility:  $\Box$  Public  $\boxtimes$  Private  $\Box$  Both  $\Box$  Federal

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

Prefix: Click to enter text. Last Name, First Name: <u>Undine Texas Environmental, LLC</u>

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

Organization Name: <u>Undine Texas Environmental, LLC</u>

Mailing Address: <u>17681 Telge Rd</u> City, State, Zip Code: <u>Cypress Texas 77429</u>

Phone No.: <u>713-554-7820</u> E-mail Address: <u>cthomas@undinellc.com</u>

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

Attachment: Click to enter text.

If yes, indicate by a check mark if:

Authorization granted Authorization pending

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

Attachment: Click to enter text,

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

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

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

🖾 Yes 🗀 No

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

Click to enter text.

- **B.** City nearest the disposal site: <u>Ausitn</u>
- **C.** County in which the disposal site is located: <u>Travis</u>
- **D.** For **TLAPs**, describe the routing of effluent from the treatment facility to the disposal site:

Fron the plant to effluent storage tanks thence to subsurface drip irrigation

**E.** For **TLAPs**, please identify the nearest watercourse to the disposal site to which rainfall runoff might flow if not contained: <u>Bee Creek</u>

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

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

🗆 Yes 🖾 No

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

🔲 Yes 📃 No 🛛 🖾 Not Applicable

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

Click to enter text.

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

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

#### Permit Number: WQ0015473001

Applicant: Undine Texas Environmental, LLC

#### Certification:

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

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

Signatory name (typed or printed): Vance Tillman

Signatory title: Chief Financial Officer Signature: Date: (Use blue ink) Subscribed and Sworn to before me by the said m day of ( on this My commission expires on the dav of W S ARY

County, Texas





## **TCEQ Core Data Form**

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

#### **SECTION I: General Information**

1. Reason for Submission (if other is checked please describe in space provided.)													
New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)													
Renewal (Core Data Form should be submitted wit				vith the renewal form)			)	$\boxtimes$	Other	Wastewater Permit Transfer			
2. Customer Reference Number (if issued) Follow this link to se						3. Regulated Entity Reference Number (if issued)							
CN 6056	CN 605662840				N or RN n Central Rec			RN 109199893					
SECTION II: Customer Information													
4. General C	ustomer	Information	5. Effective	e Date for Customer Informa				natio	n Upda	ates (mm/dd/yyyy)	5/5/20	5/5/2021	
New Cust	tomer			Update	e to Custe	omer	Inform	ation		🔀 Change in	Regulated E	ntity Ownership	
-	-				-					of Public Accounts)			
The Custo	mer Na	me submitted	here may	be up	dated a	auto	matic	ally	base	d on what is cu	rrent and	active with the	
Texas Sec	retary o	f State (SOS)	or Texas C	Comp	troller o	of Pi	ublic .	Acco	ounts	(CPA).			
6. Customer	Legal Na	me (If an individual	l, print last nam	ne first:	eg: Doe, J	lohn)		l	f new C	Customer, enter previ	ous Custome	er below:	
Undine Te	exas En	vironmental,	LLC					N	VTC A	ddie, LLC			
7. TX SOS/C	PA Filing	Number	8. TX State	Tax ID (11 digits)			9	9. Federal Tax ID (9 digits)			S Number (if applicable)		
80176806	9		N/A				4	46-31	6881	N/A			
11. Type of C	Customer	: Corporati	on	Individual			P	Partnership: 🗌 General 🗌 Limited					
Government:	City 🗌	County 🗌 Federal 🗌	] State 🔲 Othe	r	□s	ole P	ropriet	orship		Other: LLC			
12. Number ( ⊠ 0-20 □	of Employ 21-100	/ees	251-500		501 and	l high	er	1	13. Ind	ependently Owned	l and Opera	ted?	
14. Custome	r Role (Pr	oposed or Actual) -	- as it relates to	the Re	gulated E	ntity li	sted on	this fo	orm. Ple	ase check one of the	following		
Owner       Operator       Owner & Operator         Occupational Licensee       Responsible Party       Voluntary Cleanup Applicant       Other:													
	17681	Telge Road											
15. Mailing Address:												С	
Address.	City	Cypress		5	State	ΤХ		ZIP	77	429	ZIP + 4		
16. Country	16. Country Mailing Information (if outside USA) 17. E-Mail Address (if applicable)												
cthomas@undinellc.com													
18. Telephon	e Numbe	r		19. E	xtensio	n or (	Code			20. Fax Numbe	r (if applicat	ole)	
(713)57	4-5953						10000			(713)647	-0277		

#### **SECTION III: Regulated Entity Information**

**21. General Regulated Entity Information** (*If 'New Regulated Entity" is selected below this form should be accompanied by a permit application*) New Regulated Entity
Update to Regulated Entity Name
Update to Regulated Entity Information

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

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

The Addie Wastewater Treatment Facility

_	800 Ca	pital of Tex	as Highway							
23. Street Address of the Regulated Entity: (No PO Boxes)	City	City Of West Lak Hills	e State	TX	ZI	P	7874	6	ZIP + 4	
24. County	Travis		P				1			
L	Ē	Enter Physical	Location Descrip	tion If no s	street a	address	s is prov	lded.		
25. Description to Physical Location:						-				
26. Nearest City			·····			۰	State		Nea	rest ZIP Code
City of West Lake	Hills						TX	,	78	746
27. Latitude (N) in Decin	nal:	30°18'44.	12"N	28	Long	itude (V	V) in De	cimal:	97°49'42	2.68"W
Degrees	Minutes	· · · ·	Seconds	Dej	jiêês		1	Minutes	······	Seconds
29. Primary SiC Code (4 digits)       30. Secondary SiC Code (4 digits)       31. Primary NAICS Code (5 or 6 digits)       32. Secondary NAICS Code (5 or 6 digits)				ICS Code						
4952										
33. What is the Primary		of this entity?	(Do not repeat the S	IC or NAICS o	lescripilo	n.)				
Wastewater Utilitie	<u>8</u> 		<u>.</u>	•						
34. Mailing		17681 Telge Road								
Address:	City	Cypress	State	ХТ	- <u>r</u> -	ZIP	7	7429	ZIP+4	
35. E-Mall Address:	- <u>La</u>	<u>* .</u>		ctho	mas@	undine	lic.com			
36. Telepho	one Numbe	)ľ	37. Extens	ion or Goc	9	1	38	3. Fax Nu	mber <i>(lf appl</i>	licable)
( 713 ) 5	74-5953							(7	13)647-277	
9. TCEQ Programs and ID rm. See the Core Data Form I	Numbers	Check all Program or additional outda	ns and write in the p ince.	permits/regls	tration r	lumbers	that will't	e affected	by the updates	s submitted on this
Dam Safety	Distric		Edwards Ac	quifer		Emissio	ons Inven	tory Air	Industria	il Hazardous Waste
Municipal Solid Waste	New S	Source Review Air				Petrole	um Stora	de Tank		
and the state of the second state of the secon									1	
Sludge	Storm	Water	Tttle V Air			Tires			Used OI	[
Voluntary Cleanup 🛛 Waste Water		U Wastewater	Wastewater Agriculture		U Water Rights		Other:			
	 •	<b>c</b> (1				<u> </u>				
ECTION IV: Pre	parer 1	ntormation	1							
40. Name: Jeff Goebel				41. Titi	<b>8</b> 1	Mgr.	Busin	ess De	velopment	· · · · · · · · · · · · · · · · · · ·
42. Telephone Number 4	3. Ext./Co	de 44. Fa	x Number	45. E	Mall A	ddress	;			1

## SECTION V: Authorized Signature

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

jgoebel@undinellc.com

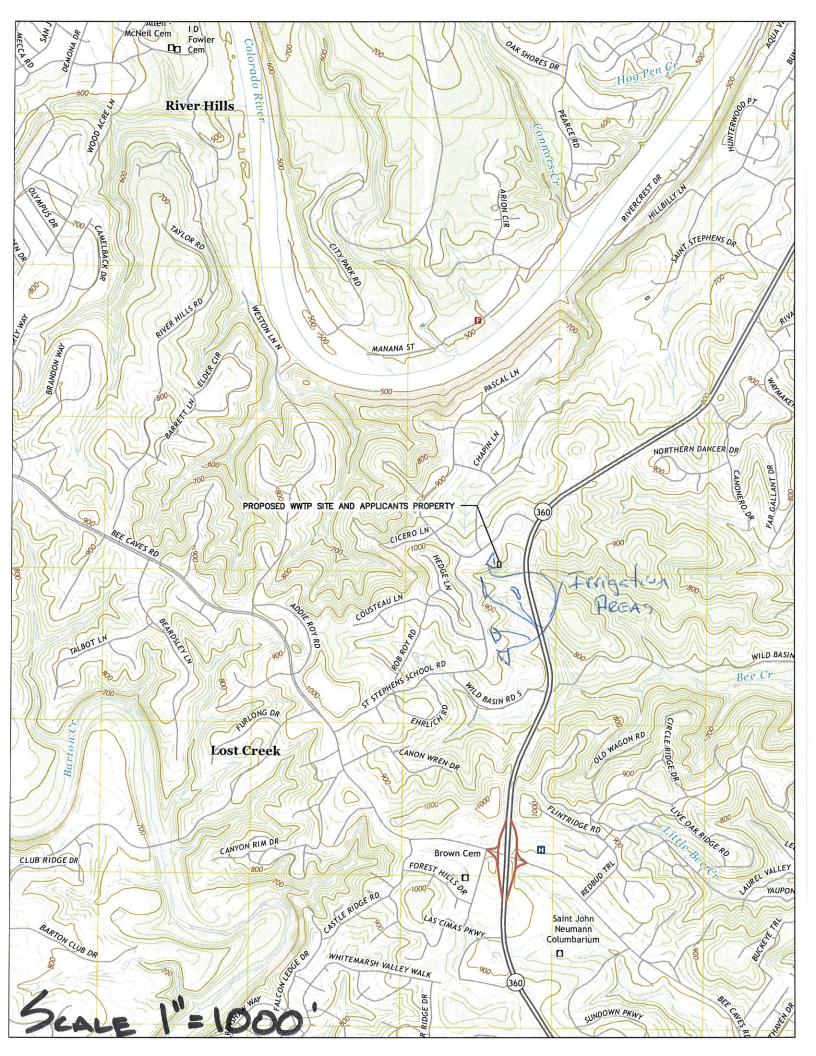
(713)647-0277

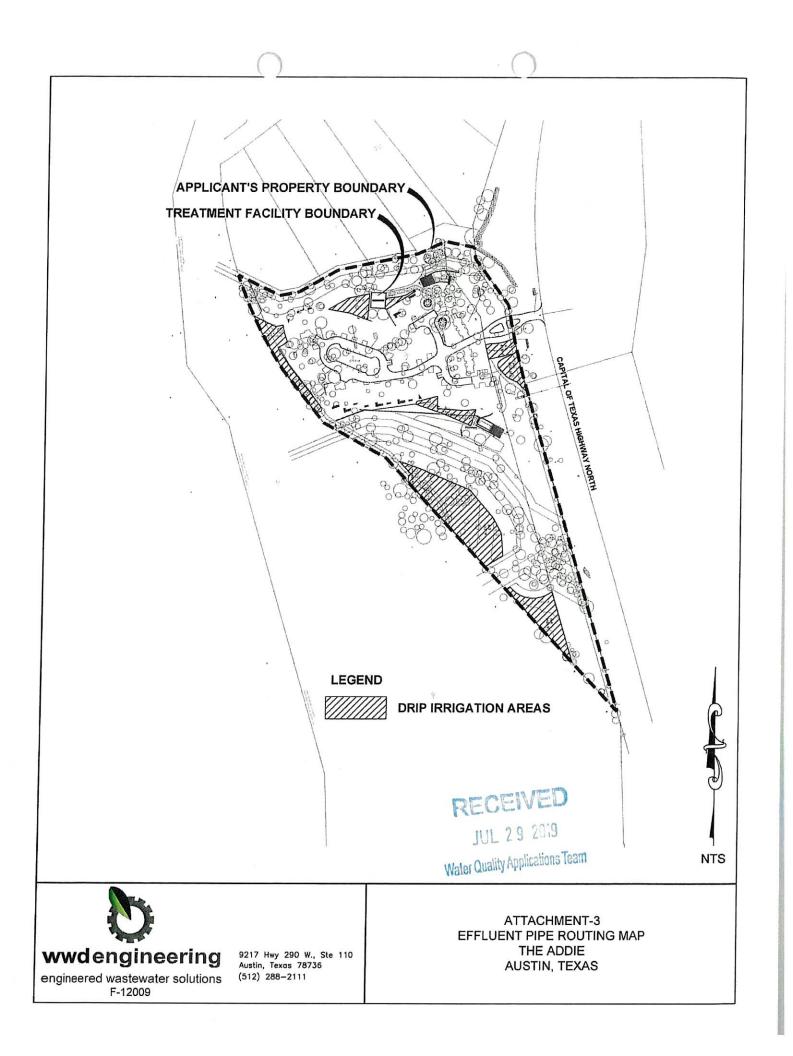
Company;	Undine Texas Environmental, LLC	Job Title:	Sr. Vice President

(713) 574-5953

Name (In Print):	Care A Thomas	Phone:	( 713 ) 574- 5953
Signature:	Well thomas	Date:	6/30/21
			, , , , , , , , , , , , , , , , , , , ,

1





## **Erwin Madrid**

From:	Erwin Madrid
Sent:	Thursday, December 19, 2024 2:09 PM
То:	'texaswater@sbcglobal.net'
Cc:	'Jeff Goebel'; Candice Calhoun
Subject:	Application for Permit No. WQ0015473001 – Notice of Deficiency 30-Day Will Return Letter
Attachments:	WQ0015473001_Will Return Ltr.pdf
Importance:	High

Dear applicant,

The attached Notice of Deficiency 30-Day Will Return Letter was mailed on <u>December 20, 2024</u>, requesting additional information needed to declare the application administratively complete. Please mail an original and two copies (with a cover letter) of the complete response by <u>January 19, 2025</u>.

Regards,

Erwin Madrid Team Lead ARP Team | Water Quality Division 512-239-2191 Texas Commission on Environmental Quality



Please consider whether it is necessary to print this e-mail.

## **Candice Calhoun**

From:Jeff Goebel <jgoebel@undinellc.com>Sent:Tuesday, January 28, 2025 10:51 AMTo:Candice CalhounCc:Erwin MadridSubject:RE: Follow-up WQ0015473001Attachments:USGS Map.pdf

Here is the USGS map. Let me know if you need anything else.

Thank you

Jeff Goebel

From: Candice Calhoun <Candice.Calhoun@tceq.texas.gov>
Sent: Tuesday, January 28, 2025 7:28 AM
To: Jeff Goebel <jgoebel@undinellc.com>
Cc: Erwin Madrid <Erwin.Madrid@tceq.texas.gov>
Subject: RE: Follow-up WQ0015473001
Importance: High

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

## Good morning,

Thank you for your response. Please see my comments below.

- 1. Site name Thank you, I have updated our database to change the site name from "Indian Hill Harbor WWTF" to "The Addie".
- 2. The USGS Map <u>– the map provided did not include the one-mile radius, applicant's</u> property boundary, treatment facility boundaries, or the effluent disposal site(s). Please provide a USGS map with all the required information.
- 3. English and Spanish PLS thank you, these are sufficient.
- 4. Technical Report and Worksheet 3.0 Thank you, these are sufficient.
- 5. Spanish NORI thank you, this is sufficient.
- 6. Original Paper Application We are still waiting on this.

## **Candice Calhoun**

From:	Jeff Goebel <jgoebel@undinellc.com></jgoebel@undinellc.com>
Sent:	Tuesday, January 28, 2025 10:19 AM
То:	Candice Calhoun
Cc:	Erwin Madrid
Subject:	RE: Follow-up WQ0015473001
Attachments:	Screenshot_27-1-2025_164714_www.fedex.com.jpeg; Screenshot_27-1-2025_165216
	_www.fedex.com.jpeg

Im working on the USGS map, should have shortly

Both the check and the paper copy of the application were delivered this morning at 9:44 via Fedex

From: Candice Calhoun <Candice.Calhoun@tceq.texas.gov> Sent: Tuesday, January 28, 2025 7:28 AM To: Jeff Goebel <jgoebel@undinellc.com> Cc: Erwin Madrid <Erwin.Madrid@tceq.texas.gov> Subject: RE: Follow-up WQ0015473001 Importance: High

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

## Good morning,

Thank you for your response. Please see my comments below.

- 1. Site name Thank you, I have updated our database to change the site name from "Indian Hill Harbor WWTF" to "The Addie".
- 2. The USGS Map <u>– the map provided did not include the one-mile radius, applicant's</u> property boundary, treatment facility boundaries, or the effluent disposal site(s). Please provide a USGS map with all the required information.
- 3. English and Spanish PLS thank you, these are sufficient.
- 4. Technical Report and Worksheet 3.0 Thank you, these are sufficient.
- 5. Spanish NORI thank you, this is sufficient.
- 6. Original Paper Application We are still waiting on this.

## 7. Application Fee – <u>We are still waiting on this</u>.

## Regards,



## Candice Courville

License & Permit Specialist ARP Team | Water Quality Division Texas Commission on Environmental Quality 512-239-4312 <u>candice.calhoun@tceq.texas.gov</u>

How is our customer service? Fill out our online customer satisfaction survey at <a href="http://www.tceq.texas.gov/customersurvey">www.tceq.texas.gov/customersurvey</a>

From: Jeff Goebel <jgoebel@undinellc.com>
Sent: Monday, January 27, 2025 4:44 PM
To: Candice Calhoun <<u>Candice.Calhoun@tceq.texas.gov</u>>
Cc: Erwin Madrid <<u>Erwin.Madrid@tceq.texas.gov</u>>
Subject: RE: Follow-up WQ0015473001

From: Candice Calhoun <<u>Candice.Calhoun@tceq.texas.gov</u>>
Sent: Friday, January 24, 2025 1:35 PM
To: Jeff Goebel <<u>jgoebel@undinellc.com</u>>
Cc: Erwin Madrid <<u>Erwin.Madrid@tceq.texas.gov</u>>
Subject: RE: Follow-up WQ0015473001

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

## Good afternoon,

I just wanted to add to Erwins email below. Along with the original paper copy and the fee, the items below are also still needed:

1. Updated Section 9 of the administrative report to correct the site name. Per a previous email, you were not wanting to update the site name, so an updated section to show "Indian Hill Harbor WWTF" is needed.

Site Name is 'The Addie'

2. Updated USGS map to include the one-mile radius as well as to remove the word "proposed" for the applicant and site boundaries.

Please see revised map with correct scale showing 1 mile radius

3. English and Spanish Plain Language Summaries **Attached** 

4. Technical report and worksheet 3.0 Attached

5. Spanish NORI Attached

Regards,



## Candice Courville

License & Permit Specialist ARP Team | Water Quality Division Texas Commission on Environmental Quality 512-239-4312 candice.calhoun@tceq.texas.gov

How is our customer service? Fill out our online customer satisfaction survey at <a href="http://www.tceq.texas.gov/customersurvey">www.tceq.texas.gov/customersurvey</a>

From: Erwin Madrid <<u>Erwin.Madrid@tceq.texas.gov</u>>
Sent: Friday, January 24, 2025 1:29 PM
To: Jeff Goebel <<u>jgoebel@undinellc.com</u>>
Cc: Candice Calhoun <<u>Candice.Calhoun@tceq.texas.gov</u>>; Erwin Madrid <<u>Erwin.Madrid@tceq.texas.gov</u>>
Subject: Follow-up WQ0015473001
Importance: High

Hi Jeff,

Per our meeting last week, one of the applications still needing to be settled is WQ0015473001, specifically the items below:

 Our records indicate that an original paper copy of the application was not received. The original paper copy and e-copy of the application are both required. Please submit the original paper copy of the application by: By regular U.S. mail:

Texas Commission on Environmental Quality Financial Administration Division Cashier's Office, MC-214

## APPLICATION FOR RENEWAL OF A DOMESTIC WASTEWATER DISCHARGE PERMIT

Permit No.: WQ0015473001

Х

Make Wastewater Treatment Facility

Submitted to:

Executive Director Texas Commission on Environmental Quality Attn: Water Quality Division Wastewater Permits Section/Application Team (MC 148) 12100 Park 35 Circle Building F Ausitn Texas 78753

Submitted by:

Undine Texas Environmental, LLC 17681 Telge Rd Cypress Texas 77429



**TEXAS COMMISSION ON ENVIRONMENTAL QUALITY** 

## DOMESTIC WASTEWATER PERMIT APPLICATION **CHECKLIST**

## Complete and submit this checklist with the application.

APPLICANT NAME: Undine Texas Environmental, LLC PERMIT NUMBER (If new, leave blank): WQ00 15473001 Indicate if each of the following items is included in your application.

	Y	N		Y	Ν
Administrative Report 1.0	X		Original USGS Map	$\boxtimes$	
Administrative Report 1.1		X	Affected Landowners Map	60053 527 10380	$\boxtimes$
SPIF	$\boxtimes$		Landowner Disk or Labels		$\mathbf{X}$
Core Data Form	X		Buffer Zone Map		
Public Involvement Plan Form		X	Flow Diagram	$\boxtimes$	
Technical Report 1.0	X	224 224	Site Drawing	$\boxtimes$	
Technical Report 1.1		$\boxtimes$	Original Photographs		X
Worksheet 2.0	$\boxtimes$		Design Calculations		$\boxtimes$
Worksheet 2.1		X	Solids Management Plan	X	
Worksheet 3.0		$\boxtimes$	Water Balance		
Worksheet 3.1	1	X			
Worksheet 3.2		X			
Worksheet 3.3		$\boxtimes$			
Worksheet 4.0		$\boxtimes$			
Worksheet 5.0		$\boxtimes$			
Worksheet 6.0		$\boxtimes$			

## For TCEQ Use Only

Segment Number \_\_ Expiration Date

Permit Number

Worksheet 7.0

County Region

 $\boxtimes$ 



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

## DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

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

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

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

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

Minor Amendment (for any flow) \$150.00

#### **Payment Information:**

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

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

- **a.** Check the box next to the appropriate authorization type.
  - Publicly-Owned Domestic Wastewater
  - Privately-Owned Domestic Wastewater
  - Conventional Wastewater Treatment
- **b.** Check the box next to the appropriate facility status.
  - 🖾 Active 🖾 Inactive

- **c.** Check the box next to the appropriate permit type.
  - TPDES Permit
  - 🕅 TLAP
  - TPDES Permit with TLAP component
  - Subsurface Area Drip Dispersal System (SADDS)
- **d.** Check the box next to the appropriate application type
  - 📓 New
  - 📓 Major Amendment <u>with</u> Renewal 🔤 Mine
  - Major Amendment <u>without</u> Renewal
- Minor Amendment <u>with</u> Renewal
- Minor Amendment <u>without</u> Renewal
- 🕅 Renewal without changes 🛛 🔄 Minor Modification of permit
- e. For amendments or modifications, describe the proposed changes: Click to enter text.

## f. For existing permits:

Permit Number: WQ00 <u>15473001</u> EPA I.D. (TPDES only): TX <u>0088366</u> Expiration Date: <u>12/1/2024</u>

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

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

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

## Undine Texas Environmental, LLC

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

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

## CN: <u>604519330</u>

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

- Prefix: MrLast Name, First Name: Tillman, VanceTitle: CFOCredential: Click to enter text.
- **B.** Co-applicant information. Complete this section only if another person or entity is required to apply as a co-permittee.

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

Click to enter text.

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

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

CN: Click to enter text.

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

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

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

#### C. Core Data Form

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

## Section 4. Application Contact Information (Instructions Page 27)

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

A.	Prefix: <u>Mr.</u>	Last Name, First Name: Jeff Goe	ebel	
	Title: <u>Business Development</u>	Credential: Click to enter text.		
	Organization Name: Undine Texas Environmental, LLC			
	Mailing Address: <u>17681 Telge Rd</u>	City, State, Zip Code	: <u>Cyp</u>	ress Texas 77429
	Phone No.: <u>713-724-9321</u>	E-mail Address: jgoebel@undin	ellc.c	<u>eom</u>
	Check one or both: 🛛 Adn	ninistrative Contact	$\boxtimes$	Technical Contact
B.	Prefix: Click to enter text.	Last Name, First Name: Click to	o ent	er text.
	Title: Click to enter text.	Credential: Click to enter text.		
	Organization Name: Click to ente	r text.		
	Mailing Address: Click to enter te	xt. City, State, Zip Code:	: Clic	k to enter text.
	Phone No.: Click to enter text.	E-mail Address: Click to enter	text	
	Check one or both: 🗒 Adm	inistrative Contact		Technical Contact

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

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

A.	Prefix: <u>Ms</u>	Last Name, First Name: <u>Carey Thomas</u>	
	Title: <u>VP</u>	Credential: Click to enter text.	
	Organization Name: Undine Texas Environmental, LLC		
	Mailing Address: <u>17681 Telge Rd</u>	City, State, Zip Code: <u>Cypress Texas 77429</u>	
	Phone No.: <u>713-554-7820</u>	E-mail Address: <u>cthomas@undinellc.com</u>	

B.	Prefix: <u>Mr.</u>	Last Name, First Name: <u>Andy Thomas</u>
	Title: <u>VP</u>	Credential: Click to enter text.
	Organization Name: Undine Texas	Environmental, LLC
	Mailing Address: <u>17681 Telge Rd</u>	City, State, Zip Code: <u>Cypress Texas 77429</u>
	Phone No.: <u>713-554-7820</u>	E-mail Address: <u>athomas@undinellc.com</u>

## Section 6. Billing Contact Information (Instructions Page 27)

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

Prefix: <u>Ms</u>	Last Name, First Name: <u>Carey Thomas</u>
Title: <u>VP</u>	Credential: Click to enter text.
Organization Name: <u>Undine Texas</u>	Environmental, LLC
Mailing Address: <u>17681 Telge Rd</u>	City, State, Zip Code: <u>Cypress Texas 77429</u>
Phone No.: <u>713-554-7820</u>	E-mail Address: <u>cthomas@undinellc.com</u>

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

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

Prefix: <u>Ms</u>	Last Name, First Name: <u>Carey Thomas</u>				
Title: <u>VP</u>	Credential: <u>Click to enter text</u> .				
Organization Name: <u>Undine Texas Environmental, LLC</u>					
Mailing Address: <u>17681 Telge Rd</u>	City, State, Zip Code: Cypress Texas 77429				
Phone No.: 713-554-7820	E-mail Address: cthomas@undinellc.com				

## Section 8. Public Notice Information (Instructions Page 27)

#### A. Individual Publishing the Notices

Prefix: <u>Mr.</u>	Last Name, First Name: <u>Jeff Goebel</u>
Title: <u>Business Development</u>	Credential: Click to enter text.
Organization Name: <u>Undine Texas</u>	Environmental, LLC
Mailing Address: <u>17681 Telge Rd</u>	City, State, Zip Code: <u>Cypress Texas 77429</u>
Phone No.: <u>713-724-9321</u>	E-mail Address: jgoebel@undinellc.com

## B. Method for Receiving Notice of Receipt and Intent to Obtain a Water Quality Permit Package

Indicate by a check mark the preferred method for receiving the first notice and instructions:

- E-mail Address
- Fax
- Regular Mail

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

Prefix: <u>Mr.</u>	Last Name, First Name: Jeff Goebel

Title: <u>Business Development</u> Credential: Click to onter text

Organization Name: <u>Undine Texas Environmental, LLC</u>

 Mailing Address: <u>17681 Telge Rd</u>
 City, State, Zip Code: <u>Cypress Texas 77429</u>

Phone No.: 713-724-9321 E-mail Address: jgoebel@undinellc.com

#### D. Public Viewing Information

If the facility or outfall is located in more than one county, a public viewing place for each county must be provided.

Public building name: Milwood Branch, Austin Public Library

Location within the building: Click to enter toxi

Physical Address of Building: 12500 Amherst Drive

City: <u>Austin</u> County: <u>Travis</u>

Contact (Last Name, First Name): Click to enter rest

Phone No.: 512-974-9880 Ext.: Click to enter text.

## E. Bilingual Notice Requirements

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

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

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

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

🕱 Yes 🗖 No

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

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

Yes 🖸 No

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

Yes 🛛 No

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

🖾 Yes 🛛 🖾 No

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

#### F. Plain Language Summary Template

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

Attachment: <u>A-2</u>

#### G. Public Involvement Plan Form

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

Attachment: <u>NA</u>

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

A. If the site is currently regulated by TCEQ, provide the Regulated Entity Number (RN) issued to this site. RN 109199893

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

- **B.** Name of project or site (the name known by the community where located): <u>The Addie WWTP</u>
- C. Owner of treatment facility: <u>Undine Texas Environmental, LLC</u>

Ownership of Facility: Public 🕅 Private 🖻 Both 🛱 Federal

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

Prefix: Click to enter text.Last Name, First Name: Undine Texas Environmental, LLCTitle: Click to enter text.Credential: Click to enter text.

Organization Name: Undine Texas Environmental, LLC

Mailing Address: 17681 Telge Rd City, State, Zip Code: Cypress Texas 77429

Phone No.: 713-554-7820 E-mail Address: cthomas@undinellc.com

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

Attachment: Click to enter text.

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

Prefix: Click to enter text.Last Name, First Name: Click to enter text.Title: Click to enter text.Credential: Click to enter text.Organization Name: Click to enter text.City, State, Zip Code: Click to enter text.Mailing Address: Click to enter text.City, State, Zip Code: Click to enter text.Phone No.: Click to enter text.E-mail Address: Click to enter text.If the landowner is not the same person as the facility owner or so applicant. attach a landowner

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

## Attachment: See Attached

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

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

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

Organization Name: Click to enter text.

Mailing Address: Click to enter text. City, State, Zip Code: Click to enter text.

Phone No.: Click to enter text. E-mail Address: Click to enter text.

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

Attachment: Click to enter text.

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

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

🛛 Yes 🔲 No

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

Click to enter text.

- **B.** Are the point(s) of discharge and the discharge route(s) in the existing permit correct?
  - 🖾 Yes 🔲 No

If **no**, **or a new or amendment permit application**, provide an accurate description of the point of discharge and the discharge route to the nearest classified segment as defined in 30 TAC Chapter 307:

Click to enter text.

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

County in which the outfalls(s) is/are located: <u>Brazoria</u>

- **C.** Is or will the treated wastewater discharge to a city, county, or state highway right-of-way, or a flood control district drainage ditch?
  - 🖾 Yes 🖾 No

If yes, indicate by a check mark if:

Authorization granted

Authorization pending

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

#### Attachment: Click to enter text

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

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

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

🛛 Yes 🚺 No

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

Click to enter text.

- B. City nearest the disposal site: Ausitn
- C. County in which the disposal site is located: <u>Travis</u>
- D. For TLAPs, describe the routing of effluent from the treatment facility to the disposal site:

Fron the plant to effluent storage tanks thence to subsurface drip irrigation

E. For **TLAPs**, please identify the nearest watercourse to the disposal site to which rainfall runoff might flow if not contained: <u>Bee Creek</u>

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

- A. Is the facility located on or does the treated effluent cross American Indian Land?
  - Yes 🕅 No
- **B.** If the existing permit contains an onsite sludge disposal authorization, is the location of the sewage sludge disposal site in the existing permit accurate?

🖾 Yes 📋 No 🔯 Not Applicable

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

Click to enter text.

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

🛛 Yes 🖾 No

If yes, list each person formerly employed by the TCEQ who represented your company and was paid for service regarding the application: Click to enter text!

D. Do you owe any fees to the TCEQ?

🖸 Yes 🛛 No

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

Account number: Click to enter text.

Amount past due: Click to enter text.

E. Do you owe any penalties to the TCEQ?

🗌 Yes 🖾 No

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

Enforcement order number: Click to enter text.

Amount past due: Click to enter text.

## Section 13. Attachments (Instructions Page 33)

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

Lease agreement or deed recorded easement, if the land where the treatment facility is located or the effluent disposal site are not owned by the applicant or co-applicant.

Original full-size USGS Topographic Map with the following information:

- Applicant's property boundary
- Treatment facility boundary
- Labeled point of discharge for each discharge point (TPDES only)
- Highlighted discharge route for each discharge point (TPDES only)
- Onsite sewage sludge disposal site (if applicable)
- Effluent disposal site boundaries (TLAP only)
- New and future construction (if applicable)
- 1 mile radius information
- 3 miles downstream information (TPDES only)
- All ponds.
- Attachment 1 for Individuals as co-applicants
- Other Attachments. Please specify: Click to enter text.

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

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

#### Permit Number: WQ0015473001

Applicant: Undine Texas Environmental, LLC

#### Certification:

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

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

Signatory name (typed or printed): Vance Tillman

Signatory title: Chief Financial Officer Signature: Date: (Use blue ink) Subscribed and Sworn to before me by the said Ma. on this day of My commission expires on the day of annannannan 1360099.00 1910 07-26-2010

County, Texas



# TCEQ Core Data Form

#### For detailed instructions regarding completion of this form, please read the Core Data Form Instructions or call 512-239-5175. SECTION I: General Information

1. Reason f	or Submis	sion (If other is a	checked plea	sə dəscri	be in spa	ace pro	ovided.,	 		<u>, , , , , , , , , , , , , , , , , , , </u>		
New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)												
Renewa	al (Core Da	la Form should l	oe submitted	with the r	renewal	form)	Þ	Other Wastewater Permit Transfer				
2. Custome	r Referenc	e Number <i>(If Is</i> s	sued)	Follow	this link t	lo searo		Regul	lated	Entity Reference	e Number (i	if Issued)
CN 6050	662840	adala - a pananana - a amarana		for CN Cer	<u>or RN nu</u> 11ral Regi	imbers i stry**		RN 10	091	99893		
<b>SECTION</b>	[ II: Cu	stomer Info	ormation	ļ.								
4. General C	Customer I	nformation	5. Effectiv	e Date fo	or Custo	omer Ir	nforma	tion U	pdat	es (mm/dd/yyyy)	5/5/20	)21
New Cus		ne (Verifiable wit		Update t Secretary					ler of	Change in Public Accounts)	Regulated E	ntity Ownership
						·					rrent and	active with the
Texas Sec	retary of	State (SOS)	or Texas (	Comptr	oller o	f Pub	lic Ad	coun	nts (	CPA).		
6. Customer	Legal Nar	ne (I <i>I an Individu</i> a	l, print last nan	nə firsi; eg	r: Doe, Jo	ohn)		lf nev	w Cu	stomer, enter previ	ous Custom	ər below:
Undine To	exas Env	vironmental,	LLC					VTC	C Ad	die, LLC		
7. TX SOSIC	-	Vumber	1	Tax ID (11 digits)							S Number (It epplicable)	
80176806	9		N/A				46-3	46-316881 N/A				
11. Type of C	Customer:	Corporati	on		🗍 Inc	lividual		Partnership: 🗋 General 🗂 Limited				
Government:		ounty 🗋 Federal 🗌	] Slate 🔲 Othe	r	So So	le Prop	prietors	hip		Other: LLC		
12. Number (	of Employ ] 21-100	9es [_] 101-250	251-500	<b>5</b>	13. Independently Owned and Operated?         501 and higher         Yes         No				ted?			
14. Custome	r Role (Pro	posed or Actual)	as it relates to	the Regu	ilaled En	lity liste	d on thi	s form. ,	Pleas	e check one of the	following	a to a financia and an
[]Owner	,	C Operat	0ľ	[		er & Oj	perator			·/·····		
Occupational Licensee Responsible Party Voluntary Cleanup Applicant Other:												
17681 Telge Road												
15. Mailing Address:												
City Cypress State TX				ZI	P   7	7742	99	ZIP+4				
16. Country Malling Information (If outside USA) 17. E-Mall Address (If applicable)												
cthomas@undinellc.com												
18. Telephone Number 19. Extension or Code 20. F					20. Fax Numbe	r (if applicat	ole)					
(713)57	(713) 574-5953 (713) 647-0277											

## SECTION III: Regulated Entity Information

21. General Regulated Entity Information (If New Regulated Entity" is selected below this form should be accompanied by a permit application)
I New Regulated Entity Information
Update to Regulated Entity Name
Update to Regulated Entity Information
The Regulated Entity Name submitted may be updated in order to meet TCEQ Agency Data Standards (removal

of organizational endings such as inc, LP, or LLC).

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

The Addie Wastewater Treatment Facility

		800 Car	ital of Texas	s Highway					
24. Gounty       Travis         Enter Physical Location Description if no street address is provided.         26. Description to Physical Location:         28. Nearest City         28. Nearest City         29. Prinser Site Code (4 data)         20. Prinser Site Code (4 data)         21. Prinser NAICS Code (4 data)         22. Prinser Site Code (4 data)         23. What is the Primary Businese of finits andity? (20 not repeat the Site or MAICS description.)         Wasterwater Utilities         34. Mailling Aiddress:         City       Cypress         Site Traige Road         35. FetMail Address:         City Cypress       State         36. Telephone Number       37. Extension or Gode         37. Extension or Gode       (713) 674-6812         (171) 674-6813	the Regulated Entity:	City	West Lake	State	тх	ZIP	78746	ZIP + 4	· · · · · · · · · · · · · · · · · · ·
Enter Physical Location Description if no street address is provided.         28. Description to Physical Location:         TX       State       Nearest City 23. Nearest City 23. Nearest City 25. Lakte Hills       TX       78746         TX       78746         TX       78746         TX       78746         Optimize State Number	24 County	Thomas	j Hills		l				
28. Description to Physical Location:       State       Nearest ZIP Code         28. Nearest Gity       TX       78746         27. Latitude (N) in Decimal:       30°18'44,12''N       28. Longitude (W) in Decimal:       97°49'42,68"W         Dagroes       Minutes       Seconds       Seconds       Seconds         28. Primary SiC Code (4 dgts)       30. Secondary SiC Code (4 dgts)       31. Primary NAICS Code (5 or 6 dgtb)       32. Secondary NAICS Code (5 or 6 dgtb)       32. S	and so water of		nfar Physical I d	cation Descriptio	on if na str	wathing too	he is mouthed		
City of West Lake Hills       TX       78746         27. Latitude (N) in Decimal:       30°18'44,12"N       28. Longitude (W) in Decimal:       97°49'42.68"W         Digree       Minutes       Seconds       Minutes       Seconds         28. Primary SiC Code (4 duite)       30. Secondary SiC Code (4 duite)       31. Primary NAICS Code (5 or 6 duite)       32. Secondary NAICS Code (5 or 6 duite)         4952       33. What is the Primary Business of this entity?       (Do not repeat the SiC or MAICS description.)         Wasterwater Utilities       17X       ZIP       77429         34. Mailing       17X       ZIP       77429         35. E-Mail Address:       City       Cypress       State         36. Tolephone Number       37. Extemptor or Code       38. Framework (f applicable)       (713) 647-527         TCEQ Programs and ID Numbers       37. Extemptor or Code       38. Framework (f applicable)       (713) 647-527         TCEQ Programs and ID Numbers       Chomas@undinefic.com       37. Extemptor or Code       38. Framework (f applicable)         1. Gas the Core Data Form Instructors for additional guidence.       Imate additional guidence.       Imate additional guidence.       Imate additional guidence.         10 and steley       Ipolaticts       If Educada Aquifer       Emissions Inventory Air       Industrial Hazardous Weste<			inter i hysiour Ec	antitori pegerihen		oct autilies	<u>15 15 Morrigo</u> ,	<u>адануу у</u> адаалайд <u>а</u> у <u>ала</u> аларынун	
27. Latitude (N) in Decimal:       30° 18'44.12"N       26. Longitude (W) in Decimal:       97°49'42.68"W         Dagrees       Minutes       Seconds       Dagrees       Minutes       Seconds         28. Primary SiC Code (4 dgts)       30. Secondary SiC Code (4 dgts)       31. Primary NAICS Code (5 or 6 dglb)       32. Sacondary NAICS Code (5 or 6 dglb)       32. Sacondary NAICS Code (5 or 6 dglb)         4952       33. What is the Primary Business of this entity?       (Do not repeat the SIC or NAICS decaption.)       32. Sacondary NAICS Code (5 or 6 dglb)         34. Mailing       17681 Telge Road       17681 Telge Road         34. Mailing       17681 Telge Road       177429       ZIP + 4         35. E-Mail Address:       City Cypress       State       TX       ZIP       77429       ZIP + 4         36. E-Mail Address:       Cithomas@unclinelic.com       38. Fax Number (# gpplicable)       (713) 647-277         TCEQ Programs and ID Numbers       37. Extension or Gocie       38. Fax Number (# gpplicable)       (713) 647-277         TCEQ Programs and ID Numbers       Clock all Programs and write in the permits/registration numbers that will be affected by the updetes submitted on this       Isea the Crite Core Data Form hactructure for colditional guidance.         1 Dam Gately       Districts       10 Core Review Air       10 CSF       Pateroloum Slorage Tank       10 Waste	2B. Nearest City					,	State	Nearest ZIP	Code
Degrees       Minutes       Seconds       Degrees       Minutes       Seconds         28. Primary SIC Code (4 dgts)       30. Secondary SIC Code (4 dgts)       31. Primary NAICS Code (5 or 6 dgts)       32. Secondary NAICS Code (5 or 6 dgts)         4952       33. What is the Primary Business of this entity?       (Do not repeat the SIC or MAICS desciption.)       33.         Wastevater Utilities       33.       17681 Telge Road       33.         34. Mailing Atidress:       City       Cyprees       State       TX       ZiP       77429       ZiP + 4         35. E-Mail Address:       City       Cyprees       State       TX       ZiP       77429       ZiP + 4         36. Telephone Number       37. Extension or Gode       38. Fax Number (fl explicable)       (713) 647-277         TCEQ Programs and D Numbers Check all Programs and wite in the permits/registration numbers that will be affected by the updates aubmitted on this       sected core Data Form instructions for additional guidance.         Joan Gatay       Debroix       Edwards Aquifer       Emissions Inventory Air       Industrial Hazardous Weste         Municipal Bolid Weste       New Source Review Air       DOSF       Petrolourn Storage Tank       PWS         Istudge       Storn Water       In Tible V Air       Intrae       I Used OI         Yolumiary Clea	City of West Lake	Hills		• • • • • • • • • • • • •			TX	78746	
28. Primary SiC Code (# dgts)       30. Secondary SiC Code (# dgts)       31. Primary NAICS Code (5 or 8 dglw)         4952       33. What is the Primery Business of this entity? (Do not repeat the SIC or MAICS description.)       (5 or 8 dglw)         33. What is the Primery Business of this entity? (Do not repeat the SIC or MAICS description.)       34. Mailing Atidrees:       17681 Telge Road         34. Mailing Atidrees:       City Cyprees       State       TX       ZiP       77429       ZiP + 4         35. E-Mail Addrees:       City Cyprees       State       TX       ZiP       77429       ZiP + 4         36. E-Mail Addrees:       City Cyprees       State       TX       ZiP       77429       ZiP + 4         37. Extension or Gode       38. Fax Number (if explicable)       (713) 647-277       TCEQ Programs and DNumbers Check all Programs and write in the permits/registration numbers that will be alfected by the updates submitted on this         n. See the Core Data Form insultcolons for additional guidarce.       Image: Edwards Aquifor       Image: Emissions Inventory Air       Image: Industrial Hazardous Waste         I Municipal Bold Weste       New Source Review Air       I OSSF       Petroleum Storage Tank       IPWS         I Storage       Storm Water       I Title V Air       I Tires       I Used Cit         I Voluntary Cleanup       Waste Water       Westewater Ag		nal:	30°18'44.12	2"N	28. L	ongitude (	W) in Decimal:	97°49'42.68"W	<b>T</b>
22 Frinkery Site Couble (Fague)       30. Subcludary Site Couble (Fagues)       (6 or 6 dig/ta)         4952       33. What is the Primary Business of this entity?       (Do not repeat the SiC or NAICS deception.)         Wastepwater Utilities       17681 7elge Road         34. Mailing Address:       17681 7elge Road         35. E-Mail Address:       City       Cypress         36. Telephone Number       37. Extension or Gode       30. Fax Number (If applicable)         (713) 647-5953       (713) 647-277         TGEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates aubmitted on this         n. See the Core Data Form Instructions for additional guidence.       Edwards Aquifor       Emissions inventory Air       Industrial Hazardous Weste         Municipal Solid Waste       New Source Review Air       IOSSF       Petroleum Storage Tenk       PWS         Stories       Storm Wuter       I'The V Air       I'Trea       I'Used Oil         I Voluntary Cleanup       Weste Water       Westewater Agriculture       Waster Rights       I'Other:         Yoluntary Cleanup       Storm Muter       I'The V Air       I'Trea       I'Used Oil         I Studge       Storm Wuter       I'Mestewater Agriculture       Waster Rights       I'Other:         I Studge	Degrees	Minutes	8	laoonda	Degre	élu .	Minutes	Seconda	
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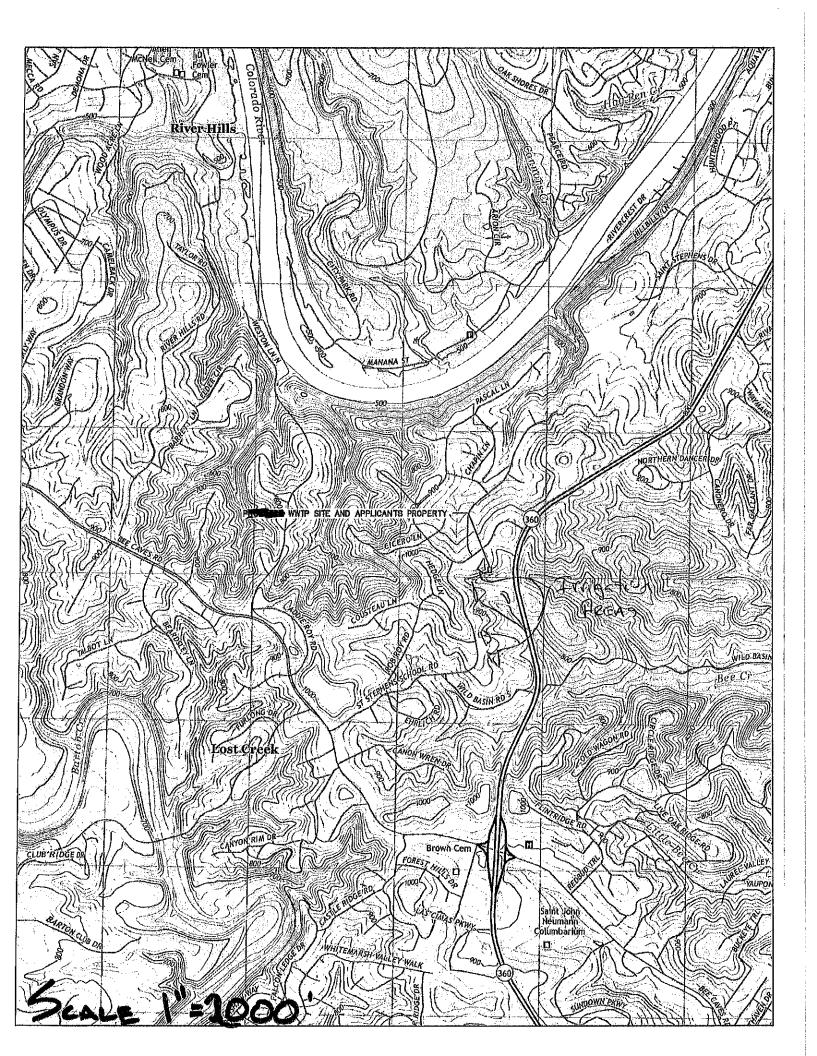
## SECTION V: Authorized Signature

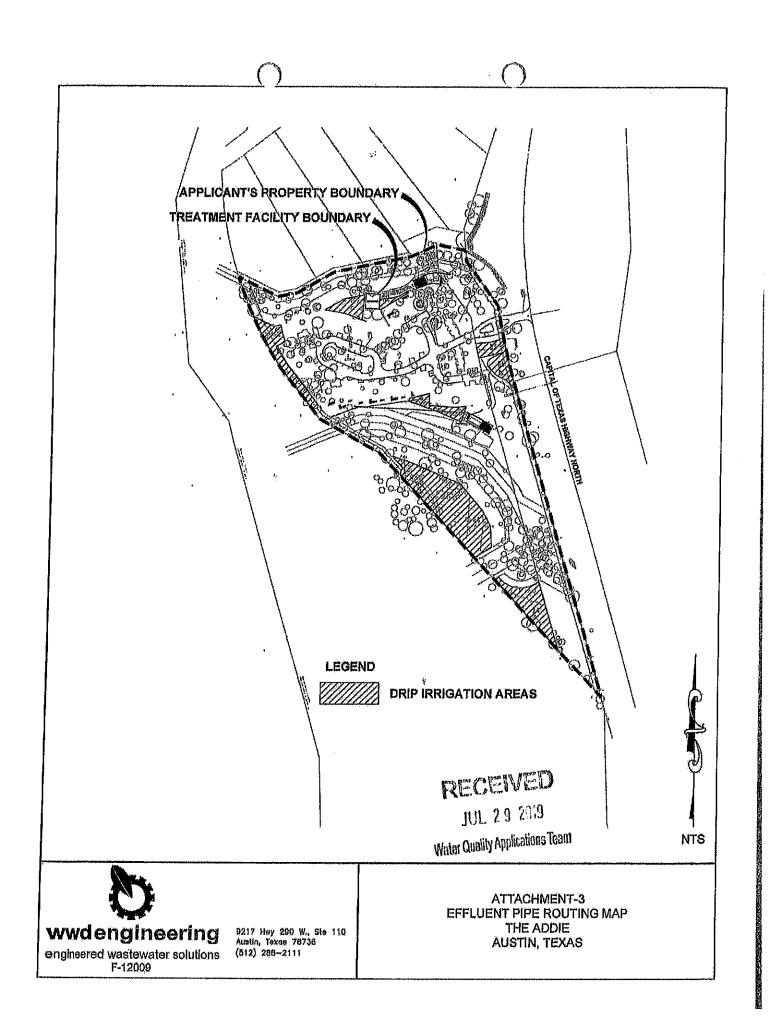
46. By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 6 and/or as required for the updates to the ID numbers identified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

Company:	Undine Texas Environmental, LLC	Job Title:	Sr. Vice President	
			the second secon	And the second s

Name (in Print);	Care A Thomas	Phone:	(713) 574- 5953
Signature:	Juce Uchomas	Date:	6/30/21

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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): <u>NA</u>

2-Hr Peak Flow (MGD): <u>Click to enter text.</u>

Estimated construction start date: Click to enter text.

Estimated waste disposal start date: Click to enter fext.

## **B. Interim II Phase**

Design Flow (MGD): <u>NA</u> 2-Hr Peak Flow (MGD): <u>Click to enter text</u>. Estimated construction start date: <u>Click to enter text</u>. Estimated waste disposal start date: <u>Click to enter text</u>.

## C. Final Phase

Design Flow (MGD): <u>0.009</u> 2-Hr Peak Flow (MGD): <u>0.036</u> Estimated construction start date: <u>4/2020</u> Estimated waste disposal start date: <u>Click to enter text</u>.

## **D. Current Operating Phase**

Provide the startup date of the facility: <u>12/20</u>

## 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.

The facility will employ the complete mix variation of the activated sludge process designed for single stage nitrification - From the lift station the wastewater will travel through a coarse barscreen then to the complete mix basin; from the basin the mixliquor will be transferred to the clarifier where solids will be settled out and clear water will flow over the weirs then into the chlorine contact basin. The settled solids will either be transferred to the digester or returned to the headworks

#### 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)	-	<b>Treatment Units</b>
-------	--------	---	------------------------

Treatment Unit Type	Number of Units	Dimensions (L x W x D)
Aeration	1	14', 12', 12.17'
Digester	1	9', 6', 12.17'
Clarifier	1	5', 12', 12.17'
CL2	1	6', 3', 12.17'

## C. Process Flow Diagram

Provide flow diagrams for the existing facilities and **each** proposed phase of construction. **Attachment**: <u>T-1</u>

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

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

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

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

- Latitude: <u>30 18 35</u>
- Longitude: <u>97 49 44</u>

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

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

## Attachment: <u>T-2</u>

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

T<u>he Addie Residential Development</u>

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
The Addie	U <b>ndine</b>	Privately Owned	46
		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.

Click to enter	text.
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## 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: 6/20

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.** 



## **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.

Through a Noise Odor abatement plan

## C. Other actions required by the current permit

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

🖸 Yes 🖾 No

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

Click to enter text		an a shi kati ya shi kati y	
	49		

## 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.

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:

<u>Click to enter text</u>

## 4. Existing coverage in individual permit

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

🗌 Yes 🖾 No

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

Click to enter text.

## 5. Zero stormwater discharge

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

🖸 Yes 🖾 No

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

Click to enter text.

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

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

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

🗆 Yes 🖾 No

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

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

Click to enter text.

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

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

Does the facility discharge in the Lake Houston watershed?

🖸 Yes 🗷 No

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

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

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

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

🔲 Yes 🖾 No

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

In addition, provide the date the plant started or is anticipated to start accepting sludge, an estimate of monthly sludge acceptance (gallons or millions of gallons), an

estimate of the BOD<sub>5</sub> concentration of the sludge, and the design BOD<sub>5</sub> concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.

Click to enter text.

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

#### 2. Acceptance of septic waste

Is the facility accepting or will it accept septic waste?

🖾 Yes 🖾 No

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

🖾 Yes 🖾 No

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

🖸 Yes 🖾 No

**If yes to any of the above**, provide the date the plant started or is anticipated to start accepting septic waste, an estimate of monthly septic waste acceptance (gallons or millions of gallons), an estimate of the BOD<sub>5</sub> concentration of the septic waste, and the

design BOD<sub>5</sub> concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.

Click to enter text.		·		
Note: Permits that accept sludge fro	om other wast	ewater treatmen	t plants may be	<u>,</u>

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 Max Average No. of Sample Sample Pollutant Conc. Conc. Samples Date/Time Type Pending $CBOD_5, mg/l$ 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 E.coli (CFU/100ml) freshwater Entercocci (CFU/100ml) saltwater Total Dissolved Solids, mg/l Electrical Conductivity, µmohs/cm, † Oil & Grease, mg/l

Alkalinity (CaCO<sub>3</sub>)\*, mg/l \*TPDES permits only

**†TLAP** permits only

#### Table 1.0(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 (CaCO3), mg/l					

## Section 8. Facility Operator (Instructions Page 49)

Facility Operator Name: Contract operations

## Facility Operator's License Classification and Level: Contract operations

# Facility Operator's License Number: Contract operations

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

## **B.** WWTP's 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: <u>Click to enter text.</u>

## 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	Not Applicable		Class B: PSRP Aerobic Digestion	Option 5: Aerobic process for 14 days at >40C
Choose an	Choose an	Choose an		Choose an	Choose an
item.	item.	item.		item.	item.
Choose an	Choose an	Choose an		Choose an	Choose an
item.	item,	item		item.	item.

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

#### D. Disposal site

Disposal site name: Contract Sludger Hauler

TCEQ permit or registration number: <u>Contract Sludger Hauler</u>

County where disposal site is located: Contract Sludger Hauler

## E. Transportation method

Method of transportation (truck, train, pipe, other): Contract Sludger Hauler

Name of the hauler: Contract Sludger Hauler

Hauler registration number: <u>Contract Sludger Hauler</u>

Sludge is transported as a:

Liquid 🖾 🛛 se

semi-liquid 🛛

semi-solid 🖾 🛛 sol

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	Yes	X	No
Marketing and Distribution of Biosolids	Yes	X	No
Sludge Surface Disposal or Sludge Monofill	Yes	$\boxtimes$	No
Temporary storage in sludge lagoons	Yes	×	No

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

🔲 Yes 🗒 No

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

Does this facility include sewage sludge lagoons?

🗌 Yes 🖾 No

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

## A. Location information

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

- Original General Highway (County) Map: Attachment: Click to enter text.
- USDA Natural Resources Conservation Service Soil Map: Attachment: <u>Click to enter text.</u>
- Federal Emergency Management Map: Attachment: <u>Click to enter text</u>.
- Site map:

## Attachment: Click to enter text.

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

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

## Attachment: Click to enter text.

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

Click to enter text.

#### **B.** Temporary storage information

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

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

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: <u>Click to enter text.</u>

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: <u>Click to enter text.</u>

Total PCBs: Click to enter text!

Provide the following information:

Volume and frequency of sludge to the lagoon(s): <u>Click to enter text</u>,

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

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

## C. Liner information

Does the active/proposed sludge lagoon(s) have a liner with a maximum hydraulic conductivity of 1x10<sup>-7</sup> cm/sec?

Yes No

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: <u>Click to enter text</u>.
- Copy of the closure plan
   Attachment: <u>Click to enter fext</u>!
- Copy of deed recordation for the site
   Attachment: Click to enter fext.
- Size of the sludge lagoon(s) in surface acres and capacity in cubic feet and gallons Attachment: <u>Click to enter text.</u>
- 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: <u>Click to enter text</u>.

## 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

COD 31

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

Ulick to ent	ter texti		

#### **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:
  - o 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: <u>Click to enter text</u>] Title: <u>Click to enter text</u>]

Signature:

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

# **DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 3.0: LAND DISPOSAL OF EFFLUENT**

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

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## Section 1. Type of Disposal System (Instructions Page 67)

Identify the method of land disposal:

Surface application	
---------------------	--

Subsurface application

Irrigation

Subsurface soils absorption

Subsurface area drip dispersal system

- Drip irrigation system
- 🗒 Evaporation 🗒 Evapotranspiration beds
- Other (describe in detail): <u>Click to enter text</u>.

NOTE: All applicants without authorization or proposing new/amended subsurface disposal MUST complete and submit Worksheet 7.0.

For existing authorizations, provide Registration Number: Click to enter text.

## Section 2. Land Application Site(s) (Instructions Page 67)

In table 3.0(1), provide the requested information for the land application sites. Include the agricultural or cover crop type (wheat, cotton, alfalfa, bermuda grass, native grasses, etc.), land use (golf course, hayland, pastureland, park, row crop, etc.), irrigation area, amount of effluent applied, and whether or not the public has access to the area. Specify the amount of land area and the amount of effluent that will be allotted to each agricultural or cover crop, if more than one crop will be used.

#### Table 3.0(1) - Land Application Site Crops

Crop Type & Land Use	Irrigation Area (acres)	Effluent Application (GPD)	Public Access? Y/N
Ber,uda and Rye Grass	2.1	9000	Y

# Section 3. Storage and Evaporation Lagoons/Ponds (Instructions Page 67)

#### Table 3.0(2) - Storage and Evaporation Ponds

Pond Number	Surface Area (acres)	Storage Volume (acre-feet)	Dimensions	Liner Type
				······································
			- w	

Attach a copy of a liner certification that was prepared, signed, and sealed by a Texas licensed professional engineer for each pond.

Attachment: Click to enter text.

## Section 4. Flood and Runoff Protection (Instructions Page 67)

Is the land application site <u>within</u> the 100-year frequency flood level?

🖾 Yes 🖾 No

If yes, describe how the site will be protected from inundation.

N<u>ot in Flood Area</u>

Provide the source used to determine the 100-year frequency flood level:

FE<u>MA Maps</u>

Provide a description of tailwater controls and rainfall run-on controls used for the land application site.

Click to enter text,

## Section 5. Annual Cropping Plan (Instructions Page 67)

Attach an Annual Cropping Plan which includes a discussion of each of the following items. If not applicable, provide a detailed explanation indicating why. Attachment: <u>Click to enter text</u>.

- Soils map with crops
- Cool and warm season plant species
- Crop yield goals
- Crop growing season
- Crop nutrient requirements
- Additional fertilizer requirements
- Minimum/maximum harvest height (for grass crops)
- Supplemental watering requirements
- Crop salt tolerances
- Harvesting method/number of harvests
- Justification for not removing existing vegetation to be irrigated

## Section 6. Well and Map Information (Instructions Page 68)

Attach a USGS map with the following information shown and labeled. If not applicable, provide a detailed explanation indicating why. **Attachment**: <u>Click to enter text</u>

- The boundaries of the land application site(s)
- Waste disposal or treatment facility site(s)
- On-site buildings
- Buffer zones
- Effluent storage and tailwater control facilities
- All water wells within 1-mile radius of the disposal site or property boundaries
- All springs and seeps onsite and within 500 feet of the property boundaries
- All surface waters in the state onsite and within 500 feet of the property boundaries
- All faults and sinkholes onsite and within 500 feet of the property

List and cross reference all water wells located within a half-mile radius of the disposal site or property boundaries shown on the USGS map in the following table. Attach additional pages as necessary to include all of the wells.

Table 3.0(3)	- Water	Well Data
--------------	---------	-----------

Well ID	Well Use	Producing? Y/N	Open, cased, capped, or plugged?	Proposed Best Management Practice
			Choose an item.	
			Choose an item.	
<u> </u>			Choose an item.	
			Choose an item.	
			Choose an item.	

If water quality data or well log information is available please include the information in an attachment listed by Well ID.

Attachment: Click to enter text.

## Section 7. Groundwater Quality (Instructions Page 68)

Attach a Groundwater Quality Technical Report which assesses the impact of the wastewater disposal system on groundwater. This report shall include an evaluation of the water wells (including the information in the well table provided in Item 6. above), the wastewater application rate, and pond liners. Indicate by a check mark that this report is provided.

Attachment: Click to enter text.

Are groundwater monitoring wells available onsite? 🔲 Yes 🛛 🖾 No

Do you plan to install ground water monitoring wells or lysimeters around the land application site?

If yes, provide the proposed location of the monitoring wells or lysimeters on a site map.

Attachment: Click to enter text.

## Section 8. Soil Map and Soil Analyses (Instructions Page 69)

## A. Soil map

Attach a USDA Soil Survey map that shows the area to be used for effluent disposal.

Attachment: Click to enter text.

## **B.** Soil analyses

Attach the laboratory results sheets from the soil analyses. **Note:** for renewal applications, the current annual soil analyses required by the permit are acceptable as long as the test date is less than one year prior to the submission of the application.

Attachment: Click to enter text.

List all USDA designated soil series on the proposed land application site. Attach additional pages as necessary.

Table	3.0(4)	– Soil	Data
-------	--------	--------	------

Soil Series	Depth from Surface	Permeability	Available Water Capacity	Curve Number

## Section 9. Effluent Monitoring Data (Instructions Page 70)

Is the facility in operation?

🖸 Yes 🗍 No

If no, this section is not applicable and the worksheet is complete.

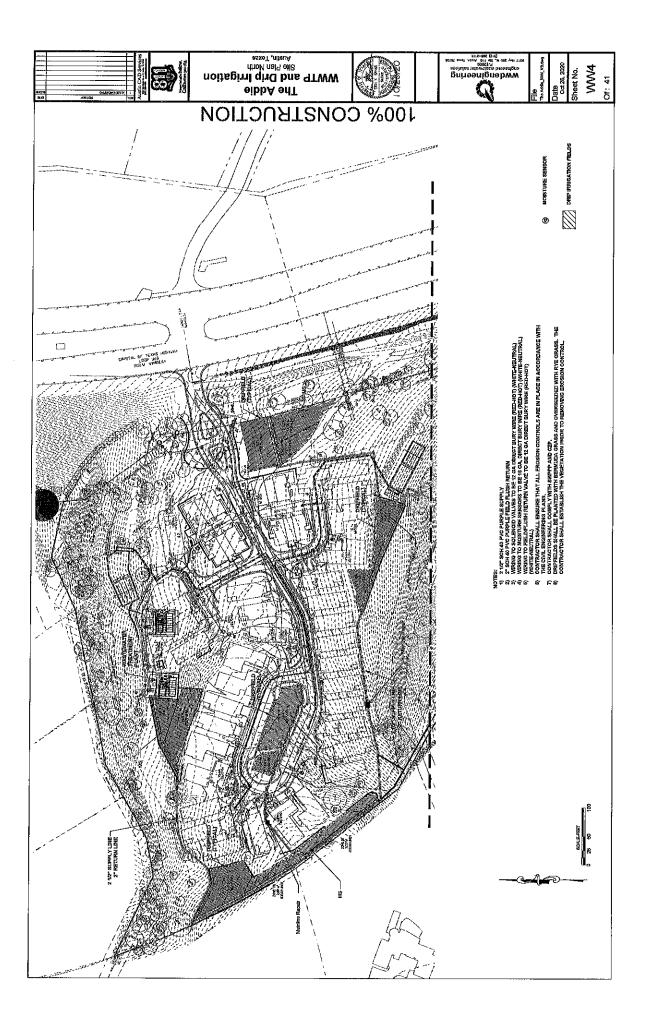
**If yes,** provide the effluent monitoring data for the parameters regulated in the existing permit. If a parameter is not regulated in the existing permit, enter N/A.

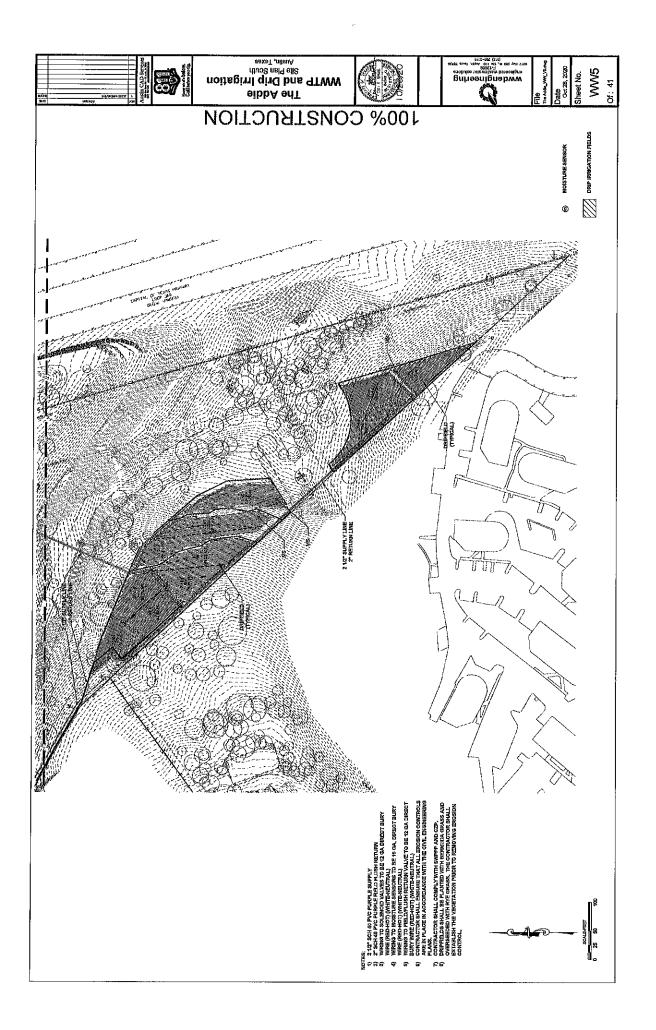
Table 3.0(5) - Effluent Monitoring Data

Date	30 Day Avg Flow MGD	BOD5 mg/l	TSS mg/l	рН	Chlorine Residual mg/l	Acres irrigated
	-					
						······································
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# Provide a discussion of all persistent excursions above the permitted limits and any corrective actions taken.

Click to enter text.





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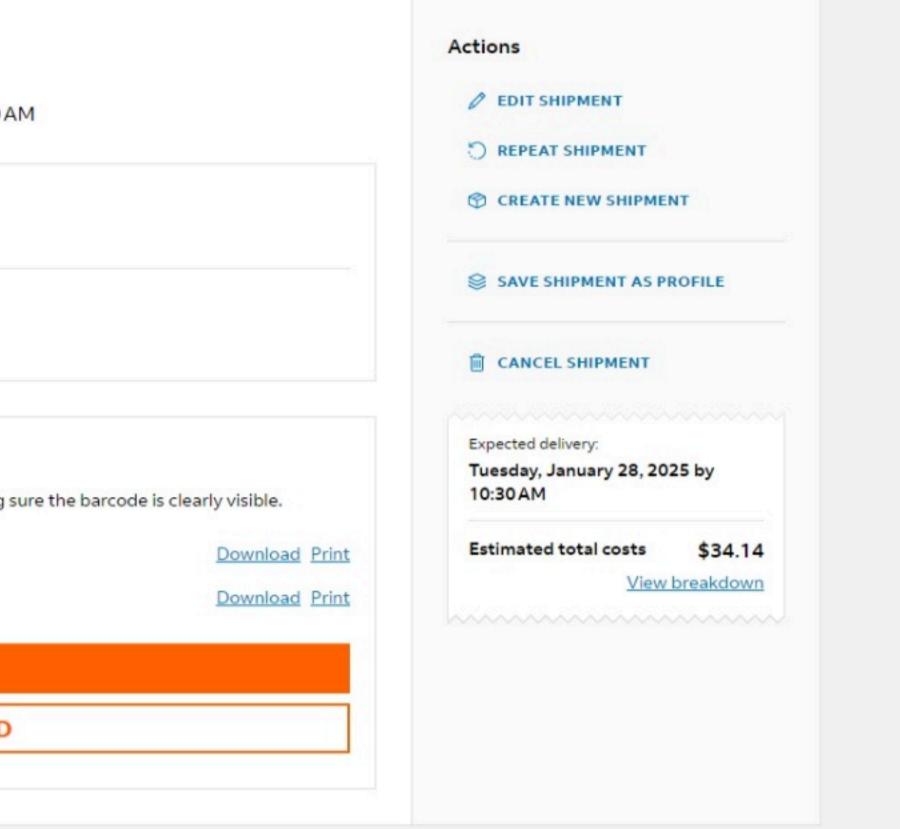
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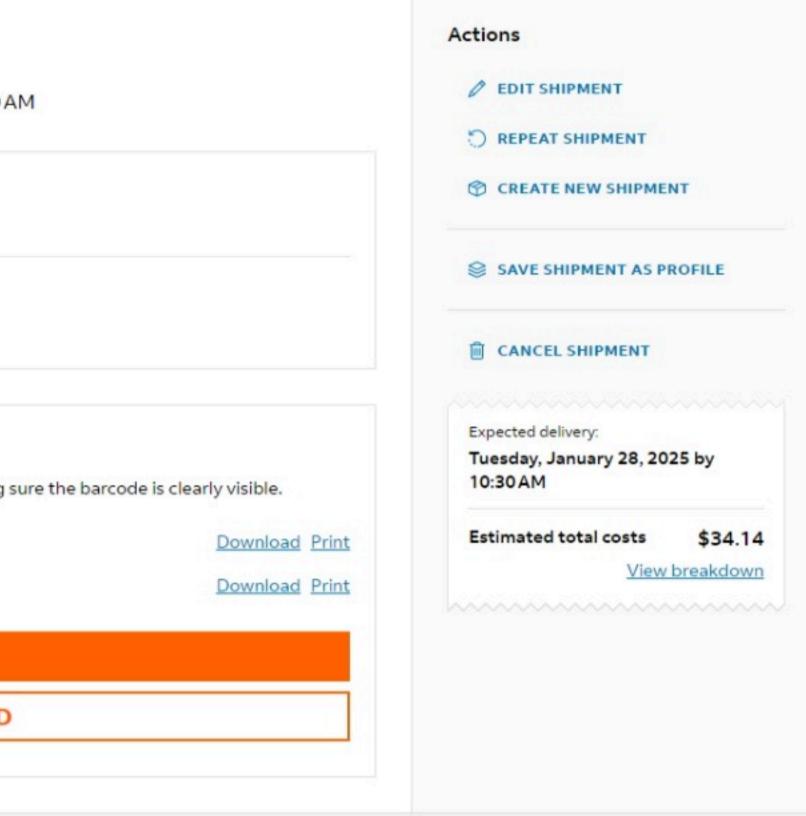
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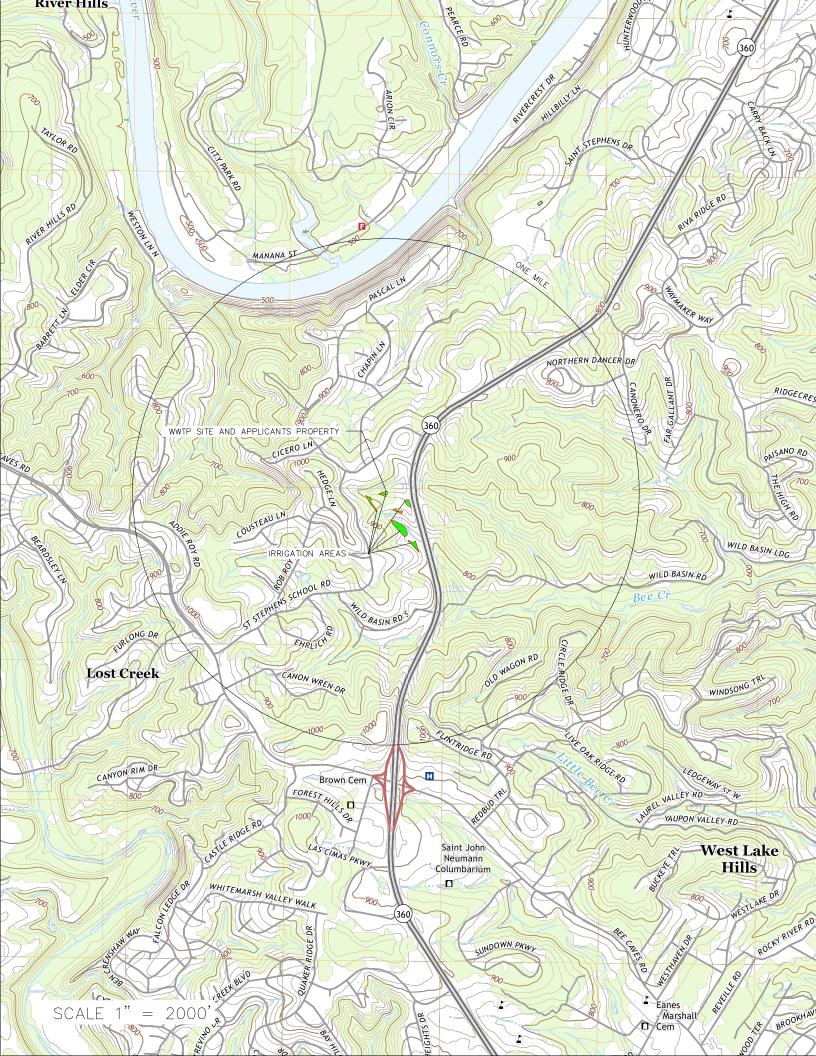
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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



# PLAIN LANGUAGE SUMMARY FOR TPDES OR TLAP PERMIT APPLICATIONS

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

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

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

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

## ENGLISH TEMPLATE FOR TPDES or TLAP NEW/RENEWAL/AMENDMENT APPLICATIONS Enter 'INDUSTRIAL' or 'DOMESTIC' here WASTEWATER/STORMWATER

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

Undine Texas Environmental, LLC (CN605662840) operates The Addie Wastewater Treatment Facility (RN109199893), a activated sludge process plant operated in the complete mix mode. The facility is located at 800 North Capital of Texas Highway, in West lake hills, Travis County, Texas 78746. This application for a new discharge with a final phase of 0.009MGD. This permit will not authorize a discharge of pollutants into water in the state.

Discharges from the facility are expected to contain contain five-day carbonaceous biochemical oxygen demand (CBOD<sub>5</sub>), total suspended solids (TSS), ammonia nitrogen (NH<sub>3</sub>-N), and *Escherichia coli*. Domestic wastewater will be treated by an activated sludge process plant and the treatment units will include a bar screen, aeration basins, final clarifiers, sludge digesters, and chlorine contact chamber.

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

#### AGUAS RESIDUALES Introduzca 'INDUSTRIALES' o 'DOMÉSTICAS' aquí /AGUAS PLUVIALES

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

1. Introduzca el nombre del solicitante aquí (2. Introduzca el número de cliente aquí (es decir, CN6#######).) 3. Elija del menú desplegable 4. Introduzca el nombre de la instalación aquí 5. Introduzca el número de entidad regulada aquí (es decir, RN1#########), 6. Elija del menú desplegable 7. Introduzca la descripción de la instalación aquí. La instalación 8. Elija del menú desplegable. ubicada en 9. Introduzca la ubicación aquí, en 10. Introduzca el nombre de la ciudad aquí, Condado de 11. Introduzca el nombre del condado aquí, Texas 12. Introduzca el código postal aquí. 13. Introduzca el resumen de la petición de solicitud aquí. *<<Para las solicitudes de TLAP incluya la siguiente oración, de lo contrario, elimine:>>* Este permiso no autorizará una descarga de contaminantes en el agua en el estado.

Se espera que las descargas de la instalación contengan 14. Liste todos los contaminantes esperados aquí. 15. Introduzca los tipos de aguas residuales descargadas aquí. 16. Elija del menú desplegable tratado por 17. Introduzca una descripción del tratamiento de aguas residuales utilizado en la instalación aquí.

## 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 <u>WQ-ARPTeam@tceq.texas.gov</u> or by phone at (512) 239-4671.

## Example

## Individual Industrial Wastewater 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 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 (CN60000000) operates the Starr Power Station (RN1000000000), a twounit 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 (CN60000000, 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.

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

#### AGUAS RESIDUALES DOMÉSTICAS

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

Undine Texas Environmental, LLC (CN605662840) opera la Planta de Tratamiento de Aguas Residuales de Addie (RN109199893), una planta de procesamiento de lodos activados que opera en el modo de mezcla completa. La instalación está ubicada en 800 North Capital of Texas Highway, en West Lake Hills, Travis County, Texas 78746. Esta solicitud de una nueva descarga con una fase final de 0,009MGD. Este permiso no autorizará la descarga de contaminantes en el agua del estado.

Se espera que las descargas de la instalación contengan una demanda bioquímica carbonosa de oxígeno (CBOD5) de cinco días, sólidos suspendidos totales (TSS), nitrógeno amoniacal (NH3-N) y Escherichia coli. Las aguas residuales domésticas serán tratadas por una planta de procesamiento de lodos activados y las unidades de tratamiento incluirán una pantalla de barras, cuencas de aireación, clarificadores finales, digestores de lodos y cámara de contacto con cloro. .