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

ENGLISH TEMPLATE FOR TPDES or TLAP NEW/RENEWAL/AMENDMENT APPLICATIONS

DOMESTIC WASTEWATER

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

Texas Water Utilities, L.P. (CN602740706) operates Holiday Villages of Lake Livingston WWTP (RN103015350), an existing 50,000-gallon wastewater treatment plant. The facility is located 20 Cayman St. in Point Blank, San Jacinto County, Texas 77364.

This major amendment is developed to request an increase in the average daily discharge flow and 2-hour peak flow of outfall #001 from 0.05 million gallons per day (MGD) and 0.15 MGD, respectively, to final phase values of 0.2 MGD and 0.8 MGD, respectively. The reason for requesting an increase in flow is due to the existing plant operating above the current average daily flow capacity of 0.05 MGD.

Discharges from the facility are expected to contain five-day biochemical oxygen demand (BOD5), total suspended solids (TSS), ammonia nitrogen (NH3-N), Escherichia coli, and dissolved oxygen (DO). Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7. Domestic wastewater is treated by an activated sludge process plant that contains a bar screen, aeration basins, clarifiers, aerobic digesters, and a chlorine contact basin.
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.


Se espera que las descargas de la instalación contengan14. 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.

Texas Water Utilities, L.P. (CN602740706) opera la planta de tratamiento de aguas residuales conocida como Holiday Villages del Lago Livingston (RN103015350), la cual tiene un flujo promedio diario de 50,000 galones. La planta está localizada en la calle Cayman, numero 20, en la ciudad de Point Blank, en el condado de San Jacinto, Texas, 77364.

Este enmienda mayor fue desarrollada para pedir un incremento en el flujo promedio diario y el flujo máximo de dos horas del desagüe #001 de 0.05 millones de galones por día y 0.15 millones de galones por día, respectivamente, a 0.2 millones de galones por día y 0.8 millones de galones por día, respectivamente. La razón para pedir el incremento de flujo es debido a que la planta esta operando arriba de su capacidad actual de 0.05 millones del galones por día.

Descargas de la planta de tratamiento de aguas residuales contendrán materia orgánica carbonosa basada en 5 días (BOD5), sólidos suspendidos totales (TSS), amoníaco-nitrogéno (NH3-N), Escherichia coli, y oxígeno disuelto (DO). El agua residual doméstica es tratada por una planta que utiliza el proceso de todos activados, y las unidades de tratamiento incluyen una pantalla de barr, tanques de aeración, tanques clarificadores, tanques de digestión aeróbica, y un tanque de desinfección de cloro.
NOTICE OF RECEIPT OF APPLICATION AND INTENT TO OBTAIN WATER QUALITY PERMIT AMENDMENT

PERMIT NO. WQ0014056001

APPLICATION. Texas Water Utilities, L.P., 2150 Town Square Place, Suite 400, Sugarland, Texas 77479, has applied to the Texas Commission on Environmental Quality (TCEQ) to amend Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0014056001 (EPA I.D. No. TX0117331) to authorize an increase in the discharge of treated wastewater to a volume not to exceed a daily average flow of 200,000 gallons per day. The domestic wastewater treatment facility is located at 20 Cayman Street, Point Blank, in San Jacinto County, Texas 77364. The discharge route is from the plant site to an unnamed tributary; thence to Lake Livingston. TCEQ received this application on May 23, 2024. The permit application will be available for viewing and copying at Coldspring Area Public Library, Front Desk, 14221 Highway 150 West, Coldspring, Texas prior to the date this notice is published in the newspaper. The application, including any updates, and associated notices are available electronically at the following webpage: https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications. This link to an electronic map of the site or facility’s general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application. https://gisweb.tceq.texas.gov/LocationMapper/?marker=-95.171666,30.8&level=18


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

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

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

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

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

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

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

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

Further information may also be obtained from Texas Water Utilities, L.P. at the address stated above or by calling Mr. Chuck Barry, Environmental Health & Safety Manager, at 512-531-6271.

Issuance Date: June 26, 2024
Comisión de Calidad Ambiental del Estado de Texas

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

PERMISO NO. WQ0014056001

SOLICITUD. Texas Water Utilities, L.P., 2150 Town Square Place, Suite 400, Sugarland, Texas 77479, el cual posee una planta de tratamiento de aguas residuales, ha solicitado a la Comisión de Calidad Ambiental de Texas (TCEQ) modificar el Sistema de Eliminación de Descargas Contaminantes de Texas. (TPDES) Permiso No. WQ0014056001 (EPA I.D. No. TX 0117331) para autorizar un aumento en la descarga de aguas residuales tratadas a un volumen que no exceda un flujo promedio diario de 200,000 galones por día. La planta de tratamiento de aguas residuales está ubicada en la calle No. 20 Cayman, en la ciudad de Point Blank, en el condado de San Jacinto, Texas 77364. La ruta de descarga es desde el sitio de la planta hasta un afluente no identificado; de allí al lago Livingston. La TCEQ recibió esta solicitud el 23 de Mayo del 2024. La solicitud de permiso estará disponible para ver y copiar en el mostrador de la librería pública Coldspring, en la carretera 14221 Oeste 150, en la ciudad de Coldspring, Texas, antes de la fecha de publicación de este aviso en el periódico. La aplicación, incluyendo todas las actualizaciones, y publicaciones del aviso están disponibles electrónicamente en la siguiente pagina web: https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications. Este enlace a un mapa electrónico de la ubicación general del sitio o instalación se proporciona como 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=-95.171666,30.8&level=18

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

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

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

PARA SOLICITAR UNA AUDIENCIA DE CASO IMPUGNADO, USTED DEBE INCLUIR EN SU SOLICITUD LOS SIGUIENTES DATOS: su nombre, dirección, y número de teléfono; el nombre del solicitante y número del permiso; la ubicación y distancia de su propiedad/actividad con respecto a la instalación; una descripción específica de la forma cómo usted sería afectado adversamente por el sitio de una manera no común al público en general; una lista de todas las cuestiones de hecho en disputa que usted presente durante el periodo de comentarios; y la declaración "[Yo/nosotros] solicitó/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 porque el miembro sería afectado; y explicar cómo los intereses que el grupo desea proteger son pertinentes al propósito del grupo.

Después del cierre de los periodos 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 periodo de comentarios.

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

CONTACTOS E INFORMACIÓN A LA AGENCIA. Todos los comentarios públicos y solicitudes deben ser presentadas electrónicamente vía http://www14.tceq.texas.gov/epic/eComment/ o por escrito dirigidos a la Comisión de Texas de Calidad Ambiental, Oficial de la Secretaria (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, direccion 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 más información contactando a Texas Water Utilities, L.P. en la dirección indicada arriba o llamando al Sr. Chuck Barry, Gerente de Seguridad y Salud Ambiental, al 512-531-6271.

Fecha de emisión 26 de junio de 2024
June 6, 2024

Texas Commission on Environmental Quality
Water Quality Division
Applications Review and Processing Team (MC-148)
Building F, Room 2101
12100 Park 35 Circle
Austin, Texas 78753

RE: Discharge Permit for The Holiday Villages of Lake Livingston WWTP
    CN: 602740706
    RN: 103015350

Dear Abesha H. Michael:

This letter serves to transmit the response to the items requested for the administrative review of the Application to Renew Permit No. WQ0014056001 (EPA I.D. No. TX0117331).

1. Section 10, item B on page 9 of the application: The point of discharge and the discharge route has to be completed for New and Major amendment application. Please complete and submit an updated page 9.

   Acknowledged. The comments listed above have been addressed. Please see Appendix A of the response for the updated point of discharge description located on Section 10, item B on page 9 of the Permit Application.

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

   APPLICATION. Texas Water Utilities, L.P., 2150 Town Square Place, Suite 400, Sugarland, Texas 77479, has applied to the Texas Commission on Environmental Quality (TCEQ) to amend Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0014056001 (EPA I.D. No. TX0117331) to authorize [amendment activity or facility being authorized: an increase in the discharge of treated wastewater to a volume not to exceed a daily average flow of 20,000 gallons per day. The domestic wastewater treatment facility is located at 20 Cayman Street, Point Blank, in San Jacinto County, Texas 77364. The discharge route is from the plant site to to an unnamed tributary; thence to Lake Livingston (Pending RWA confirmation). TCEQ received this application on May 23, 2024. The permit application will be available for viewing and copying at Coldspring Area Public Library, Front Desk, 14221 Hwy 150 West, Coldspring, Texas prior to the date this notice is published in the newspaper. The application, including any updates, and associated notices are available electronically at the following webpage: https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application.

   https://gisweb.tceq.texas.gov/LocationMapper/?marker=-95.171666,30.8&level=18
Further information may also be obtained from Texas Water Utilities, L.P. at the address stated above or by calling Mr. Chuck Barry, Environmental Health & Safety Manager, at 512-531-6271.

The following is the corrected portion of the Notice of Receipt of Application and Intent with errors corrected and highlighted:

APPLICATION. Texas Water Utilities, L.P., 2150 Town Square Place, Suite 400, Sugarland, Texas 77479, has applied to the Texas Commission on Environmental Quality (TCEQ) to amend Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0014056001 (EPA I.D. No. TX0117331) to authorize an increase in the discharge of treated wastewater to a volume not to exceed a daily average flow of 200,000 gallons per day. The domestic wastewater treatment facility is located at 20 Cayman Street, Point Blank, in San Jacinto County, Texas 77364. The discharge route is from the plant site to an unnamed tributary; thence to Lake Livingston (Pending RWA confirmation). TCEQ received this application on May 23, 2024. The permit application will be available for viewing and copying at Coldspring Area Public Library, Front Desk, 14221 Hwy 150 West, Coldspring, Texas prior to the date this notice is published in the newspaper. The application, including any updates, and associated notices are available electronically at the following webpage: https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application.

https://gisweb.tceq.texas.gov/LocationMapper/?marker=-95.171666,30.8&level=18

Further information may also be obtained from Texas Water Utilities, L.P. at the address stated above or by calling Mr. Chuck Barry, Environmental Health & Safety Manager, at 512-531-6271.

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

The following is the corrected portion of the Notice of Receipt of Application and Intent with errors corrected and highlighted in the Spanish version:

SOLICITUD. Texas Water Utilities, L.P., localizado en la calle 2150 Town Square Place, Suite 400, Sugarland, Texas 77479, el cual posee una planta de tratamiento de aguas residuales, ha solicitado a la Comisión de Calidad Ambiental de Texas (TCEQ) modificar el Sistema de Eliminación de Descargas Contaminantes de Texas. (TPDES) Permiso No. WQ0014056001 (EPA I.D. No. TX 0117331) para autorizar un aumento en la descarga de aguas residuales tratadas a un volumen que no exceda un flujo promedio diario de 200,000 galones por día. La planta de tratamiento de aguas residuales está ubicada en la calle No. 20 Cayman, en la ciudad de Point Blank, en el condado de San Jacinto, Texas 77364. La ruta de descarga es
desde el sitio de la planta hasta un tributario sin nombre; de allí al Lago Livingston (Pendiente de la confirmación de RWA). La TCEQ recibió esta solicitud el 23 de Mayo del 2024. La solicitud de permiso estará disponible para ver y copiar en el mostrador de la librería pública Coldspring, en la carretera 14221 Oeste 150, en la ciudad de Coldspring, Texas, antes de la fecha de publicación de este aviso en el periódico. La aplicación, incluyendo todas las actualizaciones, y publicaciones del aviso están disponibles electrónicamente en la siguiente pagina web:

https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications. Este enlace a un mapa electrónico de la ubicación general del sitio o instalación se proporciona como 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=-95.171666,30.8&level=18

También se puede obtener más información contactando a Texas Water Utilities, L.P. en la dirección indicada arriba o llamando al Sr. Chuck Barry, Gerente de Seguridad y Salud Ambiental, al 512-531-6271.
If you have any questions regarding this project, please contact me at 346-439-8113.

Sincerely,
KIMLEY-HORN AND ASSOCIATES, INC. Texas Firm No. 928

Raul Dominguez, P.E. (Texas License No. 149364)

\kimley-horn.com\TS_HOU\HOUUtilities\061284730_Holiday Villages of Lake Livingston WWTP\06_Permit\TCEQ Response
ATTACHMENT A.
PERMIT APPLICATION SECTION 10, ITEM B REVISION ON PAGE 9
If the landowner is not the same person as the facility owner or co-applicant, attach a lease agreement or deed recorded easement. See instructions.

**Attachment:** N/A

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

Prefix (Mr., Ms., Miss): N/A  
First and Last Name: N/A  
Mailing Address: N/A  
City, State, Zip Code: N/A  
Phone No.: N/A  
E-mail Address: N/A  
If the landowner is not the same person as the facility owner or co-applicant, attach a lease agreement or deed recorded easement. See instructions.

**Attachment:** N/A

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

Prefix (Mr., Ms., Miss): N/A  
First and Last Name: N/A  
Mailing Address: N/A  
City, State, Zip Code: N/A  
Phone No.: N/A  
E-mail Address: N/A  
If the landowner is not the same person as the facility owner or co-applicant, attach a lease agreement or deed recorded easement. See instructions.

**Attachment:** N/A

**Section 10. TPDES Discharge Information (Instructions Page 34)**

**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:

N/A

**B. Are the point(s) of discharge and the discharge route(s) in the existing permit correct?**

☒ Yes  ☐ No

If **no, or a new or amendment permit application**, provide an accurate description of the point of discharge and the discharge route to the nearest classified segment as defined in 30 TAC Chapter 307:
The discharge is located approximately 198 ft south of the intersection of Jamacia Avenue and Cooke-Jones Road. Discharge flows from the unnamed tributary, on the northwest side of the plant site, thence flows approximately 1000 feet to Lake Livingston (Classified Segment 0803).

City nearest the outfall(s): **Onalaska**
County in which the outfalls(s) is/are located: **San Jacinto**
Outfall Latitude: **30.799833**
Longitude: **-95.172389**

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:** **N/A**

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

**N/A**

## Section 11. TLAP Disposal Information (Instructions Page 36)

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:

**N/A**

B. City nearest the disposal site: **N/A**

C. County in which the disposal site is located: **N/A**

D. Disposal Site Latitude: **N/A**
Longitude: **N/A**

E. **For TLAPs**, describe the routing of effluent from the treatment facility to the disposal site:

**N/A**
May 22nd, 2024
Executive Director
Applications Review and Processing Team, (MC-148)
Texas Commission on Environmental Quality
12100 Park 35 Circle
Austin, Texas 78753

RE: Discharge Permit Major Amendment Request for the Holiday Villages of Lake Livingston Wastewater Treatment Plant (WQ0014056001, CN:602740706, RN:103015350)

Dear Water Quality Team:

This letter serves to transmit the application for the Holiday Villages of Lake Livingston Wastewater Treatment Plant major amendment request.

The permit application follows this letter within the following attachments:

Attachment A: Domestic Administrative Report 1.0
Attachment B: Domestic Administrative Report 1.1
Attachment C: Supplemental Permit Information Form (SPIF)
Attachment D: Domestic Technical Report 1.0
Attachment E: Domestic Technical Report 1.1
Attachment F: Domestic Technical Worksheet 2.0
Attachment G: TCEQ Core Data Form
Attachment H: Public Involvement Plan Form
Attachment I: Original USGS Map
Attachment J: Affected Landowner Map
Attachment K: Landowner List and Labels
Attachment L: Original Photographs and Plot Plan
Attachment M: Buffer Zone Map
Attachment N: Buffer Zone Easement Document
Attachment O: SPIF USGS Map
Attachment P: Existing and Final Phase Treatment Units
Attachment Q: Process Flow Diagram
Attachment R: Site Drawing
Attachment S: Design Calculations
Attachment T: Wind Rose
Attachment U: Sewage Sludge Solids Management Plan
Attachment V: Copy of Permit Payment Voucher
Attachment W: Laboratory Results
Attachment X: Sludge Disposal Site and Transportation Contract Agreements
Attachment Y: Nearby Wastewater Treatment Facilities Map
Attachment Z: WWTP Regionalization Letter
If you have any questions regarding this project, please contact me at 346-439-8113.

Sincerely,
KIMLEY-HORN AND ASSOCIATES, INC.
Texas Firm No. 928

Raul Dominguez, P.E. (Texas License No. 149364)
ATTACHMENT A.

DOMESTIC ADMINISTRATIVE REPORT 1.0
Complete and submit this checklist with the application.

APPLICANT: Texas Water Utilities, L.P.
PERMIT NUMBER: WQ0014056001

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

<table>
<thead>
<tr>
<th>Item</th>
<th>Y</th>
<th>N</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administrative Report 1.0</td>
<td>✗</td>
<td></td>
</tr>
<tr>
<td>Administrative Report 1.1</td>
<td>✗</td>
<td></td>
</tr>
<tr>
<td>SPIF</td>
<td>✗</td>
<td></td>
</tr>
<tr>
<td>Core Data Form</td>
<td>✗</td>
<td></td>
</tr>
<tr>
<td>Public Involvement Plan Form</td>
<td>✗</td>
<td></td>
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<tr>
<td>Technical Report 1.0</td>
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<tr>
<td>Worksheet 2.0</td>
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<td>Original USGS Map</td>
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<td>Solids Management Plan</td>
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</tr>
<tr>
<td>Water Balance</td>
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</tr>
</tbody>
</table>

For TCEQ Use Only

Segment Number ________________________________ County ________________________________
Expiration Date ______________________________ Region ________________________________
Permit Number ________________________________
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

APPLICATION FOR A DOMESTIC WASTEWATER PERMIT
ADMINISTRATIVE REPORT 1.0

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

Section 1. Application Fees (Instructions Page 29)

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

<table>
<thead>
<tr>
<th>Flow</th>
<th>New/Major Amendment</th>
<th>Renewal</th>
</tr>
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<tr>
<td>&lt;0.05 MGD</td>
<td>$350.00</td>
<td>$315.00</td>
</tr>
<tr>
<td>≥0.05 but &lt;0.10 MGD</td>
<td>$550.00</td>
<td>$515.00</td>
</tr>
<tr>
<td>≥0.10 but &lt;0.25 MGD</td>
<td>$850.00</td>
<td>$815.00</td>
</tr>
<tr>
<td>≥0.25 but &lt;0.50 MGD</td>
<td>$1,250.00</td>
<td>$1,215.00</td>
</tr>
<tr>
<td>≥0.50 but &lt;1.0 MGD</td>
<td>$1,650.00</td>
<td>$1,615.00</td>
</tr>
<tr>
<td>≥1.0 MGD</td>
<td>$2,050.00</td>
<td>$2,015.00</td>
</tr>
</tbody>
</table>

Minor Amendment (for any flow) $150.00

Payment Information:

- Mailed
- Check/Money Order Number: N/A
- Check/Money Order Amount: N/A
- Name Printed on Check: N/A
- EPAY
- Voucher Number: 700372 & 700373

Copy of Payment Voucher enclosed? Yes ✓

Attachment V: Copy of Permit Payment Voucher

Section 2. Type of Application (Instructions Page 29)

- New TPDES
- Major Amendment with Renewal
- Major Amendment without Renewal
- Renewal without changes
- New TLAP
- Minor Amendment with Renewal
- Minor Amendment without Renewal
- Minor Modification of permit

For amendments or modifications, describe the proposed changes: This major amendment is developed to request an increase in the average daily discharge flow and 2-hour peak flow of outfall #001 from 0.05 million gallons per day (MGD) and 0.15 MGD, respectively, to final phase values of 0.2 MGD and 0.8 MGD, respectively. The reason for requesting an increase in flow is due to the existing plant operating above the current average daily flow capacity of 0.05 MGD. The intention is to expand this existing plant in the immediate future from an average...
daily flow of 0.05 MGD to an average daily flow of 0.2 MGD.

For existing permits:
Permit Number: WQ0014056001
EPA I.D. (TPDES only): TX0117331
Expiration Date: September 29, 2027

Section 3. Facility Owner (Applicant) and Co-Applicant Information (Instructions Page 29)

A. The owner of the facility must apply for the permit.
   What is the Legal Name of the entity (applicant) applying for this permit?
   Texas Water Utilities, L.P.
   (The legal name must be spelled exactly as filed with the Texas Secretary of State, County, or in the legal documents forming the entity.)

   If the applicant is currently a customer with the TCEQ, what is the Customer Number (CN)? You may search for your CN on the TCEQ website at http://www15.tceq.texas.gov/crpub/
   CN: 602740706

   What is the name and title of the person signing the application? The person must be an executive official meeting signatory requirements in 30 TAC § 305.44.
   Prefix (Mr., Ms., Miss): Mr.
   First and Last Name: Jeffrey L. McIntyre
   Credential (P.E, P.G., Ph.D., etc.): N/A
   Title: President

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

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

   What is the name and title of the person signing the application? The person must be an executive official meeting signatory requirements in 30 TAC § 305.44.
Prefix (Mr., Ms., Miss): N/A
First and Last Name: N/A
Credential (P.E, P.G., Ph.D., etc.): N/A
Title: N/A

Provide a brief description of the need for a co-permittee: N/A

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.

Attachment: Attachment G: TCEO Core Data Form

Section 4. Application Contact Information (Instructions Page 30)

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 (Mr., Ms., Miss): Mr.
   First and Last Name: Chuck Barry
   Credential (P.E, P.G., Ph.D., etc.): N/A
   Title: Environmental Health & Safety Manager
   Organization Name: Texas Water Utilities, L.P.
   Mailing Address: 1620 Grand Avenue Parkway, Suite 140
   City, State, Zip Code: Pflugerville, TX 78660
   Phone No.: 512-531-6271 Ext.: N/A Fax No.: 512-252-8782
   E-mail Address: chuck.barry@nexuswg.com, tbarry@svvwc.com
   Check one or both: ☒ Administrative Contact          □ Technical Contact

B. Prefix (Mr., Ms., Miss): Mr.
   First and Last Name: Raul Dominguez
   Credential (P.E, P.G., Ph.D., etc.): P.E.
   Title: Professional Engineer
   Organization Name: Kimley-Horn & Associates, Inc
   Mailing Address: 11700 Katy Freeway
   City, State, Zip Code: Houston, Texas, 77079
   Phone No.: 346-439-8113 Ext.: N/A Fax No.: N/A
   E-mail Address: raul.dominguez@kimley-horn.com
Section 5. Permit Contact Information (Instructions Page 30)

Provide two names of individuals that can be contacted throughout the permit term.

A. Prefix (Mr., Ms., Miss): Mr.
   First and Last Name: Chuck Barry
   Credential (P.E, P.G., Ph.D., etc.): N/A
   Title: Environmental Health & Safety Manager
   Organization Name: Texas Water Utilities, L.P.
   Mailing Address: 1620 Grand Avenue Parkway, Suite 140
   City, State, Zip Code: Pflugerville, TX 78660
   Phone No.: 512-531-6271 Ext.: N/A Fax No.: 512-252-8782
   E-mail Address: chuck.barry@nexuswg.com, tbarry@swwc.com

B. Prefix (Mr., Ms., Miss): Mr.
   First and Last Name: Oscar Hernandez-Lugo
   Credential (P.E, P.G., Ph.D., etc.): ME, MEM
   Title: Design and Construction Manager
   Organization Name: Texas Water Utilities
   Mailing Address: 2150 Town Square Place Suite 400
   City, State, Zip Code: Sugar Land, Texas, 77479
   Phone No.: 787-467-2981 Ext.: N/A Fax No.: N/A
   E-mail Address: oherandez-lugo@swwc.com, oscar.hernandez-lugo@nexuswg.com

Section 6. Billing Information (Instructions Page 30)

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

Prefix (Mr., Ms., Miss): Mr.
First and Last Name: Chuck Barry
Credential (P.E, P.G., Ph.D., etc.): N/A
Title: Environmental Health & Safety Manager
Organization Name: Texas Water Utilities, L.P.
Mailing Address: 1620 Grand Avenue Parkway, Suite 140
City, State, Zip Code: Pflugerville, TX 78660
Section 7. DMR/MER Contact Information (Instructions Page 31)
Provide the name and complete mailing address of the person delegated to receive and submit Discharge Monitoring Reports (EPA 3320-1) or maintain Monthly Effluent Reports.

Prefix (Mr., Ms., Miss): Mr.
First and Last Name: Chuck Barry
Credential (P.E, P.G., Ph.D., etc.): N/A
Title: Environmental Health & Safety Manager
Organization Name: Texas Water Utilities, LP.
Mailing Address: 1620 Grand Avenue Parkway, Suite 140
City, State, Zip Code: Pflugerville, TX 78660
Phone No.: 512-531-6271 Ext.: N/A Fax No.: 512-252-8782
E-mail Address: chuck.barry@nexuswg.com, tbarry@swwc.com

DMR data is required to be submitted electronically. Create an account at: https://www.tceq.texas.gov/permitting/netdmr/netdmr.html.

Section 8. Public Notice Information (Instructions Page 31)

A. Individual Publishing the Notices
Prefix (Mr., Ms., Miss): Mr.
First and Last Name: Raul Dominguez
Credential (P.E, P.G., Ph.D., etc.): P.E.
Title: Professional Engineer
Organization Name: Kimley-Horn & Associates, Inc.
Mailing Address: 11700 Katy Freeway, Suite #800
City, State, Zip Code: Houston, TX, 77079
Phone No.: 346-439-8113 Ext.: N/A Fax No.: N/A
E-mail Address: raul.dominguez@kimley-horn.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
C. Contact person to be listed in the Notices
Prefix (Mr., Ms., Miss): Mr.
First and Last Name: Chuck Barry
Credential (P.E., P.G., Ph.D., etc.): N/A
Title: Environmental Health & Safety Manager
Organization Name: Texas Water Utilities, L.P.
Phone No.: 512-531-6271 Ext.: N/A
E-mail: chuck.barry@nexuswg.com, tbarry@swwc.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: Coldspring Area Public Library
Location within the building: Front Desk
Physical Address of Building: 14221 Hwy 150 West
City: Coldspring County: San Jacinto
Contact Name: Receptionist
Phone No.: 936-653-3104 Ext.: N/A

E. Bilingual Notice Requirements:
This information is required for new, major amendment, minor amendment or minor modification, and renewal applications.

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

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

1. Is a bilingual education program required by the Texas Education Code at the elementary or middle school nearest to the facility or proposed facility?
   ☑ Yes ☐ No

If no, publication of an alternative language notice is not required; skip to Section 9 below.
2. Are the students who attend either the elementary school or the middle school enrolled in a bilingual education program at that school?
   ☒ Yes   ☐ No

3. Do the students at these schools attend a bilingual education program at another location?
   ☐ Yes   ☒ No

4. Would the school be required to provide a bilingual education program but the school has waived out of this requirement under 19 TAC §89.1205(g)?
   ☐ Yes   ☒ No

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

F. 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: Attachment H: Public Involvement Plan Form

Section 9. Regulated Entity and Permitted Site Information (Instructions Page 33)

A. If the site is currently regulated by TCEQ, provide the Regulated Entity Number (RN) issued to this site. RNJ03015350

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

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

C. Owner of treatment facility: Texas Water Utilities, L.P.

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

D. Owner of land where treatment facility is or will be:
   Prefix (Mr., Ms., Miss): N/A
   First and Last Name: Texas Water Utilities, L.P.
   Mailing Address: 2150 Town Square Place Suite #400
   City, State, Zip Code: Sugarland, TX, 77479
   Phone No.: 512-531-6271  E-mail Address: chuck.barry@nexuswgg.com, tbarry@swwc.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: N/A

E. Owner of effluent disposal site:

Prefix (Mr., Ms., Miss): N/A
First and Last Name: N/A
Mailing Address: N/A
City, State, Zip Code: N/A
Phone No.: N/A

E-mail Address: N/A

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

Attachment: N/A

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

Prefix (Mr., Ms., Miss): N/A
First and Last Name: N/A
Mailing Address: N/A
City, State, Zip Code: N/A
Phone No.: N/A

E-mail Address: N/A

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

Attachment: N/A

Section 10. TPDES Discharge Information (Instructions Page 34)

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:

N/A

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:
City nearest the outfall(s): Onalaska
County in which the outfalls(s) is/are located: San Jacinto
Outfall Latitude: 30.799833 Longitude: -95.172389

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:** N/A

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

N/A

---

**Section 11. TLAP Disposal Information (Instructions Page 36)**

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:

N/A

B. City nearest the disposal site: N/A

C. County in which the disposal site is located: N/A

D. Disposal Site Latitude: N/A Longitude: N/A

E. For TLAPs, describe the routing of effluent from the treatment facility to the disposal site:

N/A
F. For TLAPs, please identify the nearest watercourse to the disposal site to which rainfall runoff might flow if not contained:

N/A

Section 12. Miscellaneous Information (Instructions Page 37)

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.

N/A

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:

N/A

D. Do you owe any fees to the TCEQ?

☐ Yes    ☒ No

If yes, provide the following information:

Account number: N/A

Amount past due: N/A

E. Do you owe any penalties to the TCEQ?

☐ Yes    ☒ No

If yes, please provide the following information:

Enforcement order number: N/A

Amount past due: N/A
Section 13. Attachments (Instructions Page 38)

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: See Table of Contents
Section 14. Signature Page (Instructions Page 39)

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

Permit Number: WQ0014056001

Applicant: Texas Water Utilities, L.P.

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): Jeffrey L. McIntyre

Signatory title: President

Signature: ____________________________ Date: 5-14-2024
(Use blue ink)

Subscribed and Sworn to before me by the said Jeffrey L. McIntyre
on this 14th day of May, 2024.
My commission expires on the 18th day of November, 2024.

Notary Public

County, Texas

[SEAL]
Section 15. Plain Language Summary (Instructions Page 40)

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

ENGLISH TEMPLATE FOR TPDES or TLAP NEW/RENEWAL/AMPLIFICATION APPLICATIONS

DOMESTIC WASTEWATER

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

Texas Water Utilities, L.P. (CN602740706) operates Holiday Villages of Lake Livingston WWTP (RN103015350), an existing 50,000-gallon wastewater treatment plant. The facility is located 20 Cayman St., in Point Blank, San Jacinto County, Texas 77364.

This major amendment is developed to request an increase in the average daily discharge flow and 2-hour peak flow of outfall #001 from 0.05 million gallons per day (MGD) and 0.15 MGD, respectively, to final phase values of 0.2 MGD and 0.8 MGD, respectively. The reason for requesting an increase in flow is due to the existing plant operating above the current average daily flow capacity of 0.05 MGD.

Discharges from the facility are expected to contain five-day biochemical oxygen demand (BOD5), total suspended solids (TSS), ammonia nitrogen (NH3-N), Escherichia coli, and dissolved oxygen (DO). Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7. Domestic wastewater is treated by an activated sludge process plant that contains a bar screen, aeration basins, clarifiers, aerobic digesters, and a chloride contact basin.
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.


Se espera que las descargas de la instalación contengan14. 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.

Texas Water Utilities, L.P. (CN602740706) opera la planta de tratamiento de aguas residuales conocida como Holiday Villages del Lago Livingston (RN103015350), la cual tiene un flujo promedio diario de 50,000 galones. La planta esta localizada en la calle Cayman, numero 20, en la ciudad de Point Blank, en el condado de San Jacinto, Texas, 77364.

Este enmienda mayor fue desarrollada para pedir un incremento en el flujo promedio diario y el flujo máximo de dos horas del desagüe #001 de 0.05 millones de galones por día y 0.15 millones de galones por día; respectivamente, a 0.2 millones de galones por día y 0.8 millones de galones por día, respectivamente. La razón para pedir el incremento de flujo es debido a que la planta está operando arriba de su capacidad actual de 0.05 millones del galones por día.

Descargas de la planta de tratamiento de aguas residuales contendrán materia orgánica carbonosa basada en 5 días (BOD5), sólidos suspendidos totales (TSS), amonio-nitrogénio (NH3-N), Escherichia coli, y oxígeno disuelto (DO). El agua residual domestica es tratada por una planta que utiliza el proceso de lodos activados, y las unidades de tratamiento incluyen una pantalla de barra, tanques de aeración, tanques clarificadores, tanques de digestión aeróbica, y un tanque de desinfección de cloro.
ATTACHMENT B.
DOMESTIC ADMINISTRATIVE REPORT 1.1
DOMESTIC ADMINISTRATIVE REPORT 1.1

The following information is required for new and amendment applications.

Section 1. Affected Landowner Information (Instructions Page 41)

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: San Jacinto County Appraisal District

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):

N/A

Section 2. Original Photographs (Instructions Page 44)

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 44)

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
ATTACHMENT C.

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

**SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)**

FOR AGENCIES REVIEWING DOMESTIC
TPDES WASTEWATER PERMIT APPLICATIONS

<table>
<thead>
<tr>
<th>TCEQ USE ONLY:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application type: ____ Renewal ____ Major Amendment ____ Minor Amendment ____ New</td>
</tr>
<tr>
<td>County: ___________________________ Segment Number: ______________________</td>
</tr>
<tr>
<td>Admin Complete Date: ______________</td>
</tr>
<tr>
<td>Agency Receiving SPIF: ______________</td>
</tr>
<tr>
<td>____ Texas Historical Commission    ____ U.S. Fish and Wildlife</td>
</tr>
<tr>
<td>____ Texas Parks and Wildlife Department    ____ U.S. Army Corps of Engineers</td>
</tr>
</tbody>
</table>

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

The SPIF must be completed as a separate document. The TCEQ will mail a copy of the SPIF to each agency as required by the TCEQ agreement with EPA. If any of the items are not completely addressed or further information is needed, you will be contacted to provide the information before the permit is issued. Each item must be completely addressed.

**Do not refer to a response of any item in the permit application form.** Each attachment must be provided with this form separately from the administrative report of the application. The application will not be declared administratively complete without this form being completed in its entirety including all attachments.

The following applies to all applications:

1. **Permittee:** Texas Water Utilities, L.P.

   Permit No. WQ00 14056001

   EPA ID No. TX 0117331

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

   **The facility is located 20 Cayman St., in Point Blank, San Jacinto County, Texas 77364.**
Provide the name, address, phone and fax number of an individual that can be contacted to answer specific questions about the property.

Prefix (Mr., Ms., Miss): Mr.
First and Last Name: Chuck Barry
Credential (P.E., P.G., Ph.D., etc.): N/A
Title: Environmental Health & Safety Manager
Mailing Address: 1620 Grand Avenue Parkway, Suite 140
City, State, Zip Code: Pflugerville, TX, 78660
Phone No.: 512-531-6271 Ext.: N/A Fax No.: N/A
E-mail Address: chuck.barry@nexuswg.com, tbarry@swwc.com

2. List the county in which the facility is located: San Jacinto County

3. If the property is publicly owned and the owner is different than the permittee/applicant, please list the owner of the property.

   N/A

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

   Via Outfall 001 to an unnamed tributary; thence to Lake Livingston in Segment No. 0803 of the Trinity River Basin.

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

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

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

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

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

The construction impact can ultimately affect 1.01 acres of mostly surface disturbance with an approximate maximum depth of excavation of 15 feet within the property boundary.

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

Existing disturbances and land use are typical for a wastewater treatment plant of this size. The existing site includes one equalization basin, two aeration basins, two digesters, and one chlorine contact basin, and two small blower buildings.

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

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

The original WWTP was constructed approximately in 2005. The subsequent construction phase took place in 2017, and the most recent construction was completed in 2019.

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

The property was originally owned by Champion Realty Corp and was then sold to Holiday Villages of Lake Livingston (HISA) in 1999. Holiday Villages of Lake Livingston sold the property to Monarch Utilities, L.P. in 2002.
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**
Texas Commission on Environmental Quality
Financial Administration Division
Cashier's Office, MC-214
P.O. Box 13088
Austin, Texas 78711-3088

**Fee Code: WQP**  **Waste Permit No: N/A**

1. Check or Money Order Number: N/A
2. Check or Money Order Amount: N/A
3. Date of Check or Money Order: N/A
4. Name on Check or Money Order: N/A
5. APPLICATION INFORMATION
   Name of Project or Site: N/A
   Physical Address of Project or Site: N/A

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 50)
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): N/A

Full legal name (first, middle, last): N/A

Driver's License or State Identification Number: N/A

Date of Birth: N/A

Mailing Address: N/A

City, State, and Zip Code: N/A

Phone Number: N/A Fax Number: N/A

E-mail Address: N/A

CN: N/A

For Commission Use Only:
Customer Number:
Regulated Entity Number:
Permit Number:
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 with 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)
(Required for all applications types. Must be completed in its entirety and signed.
Note: Form may be signed by applicant representative.)

☐ 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 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 Attached

☐ N/A ☑ Yes

Landowners Map
(See instructions for landowner requirements)

☐ N/A ☑ 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)

☐ Yes
ATTACHMENT D.
DOMESTIC TECHNICAL REPORT 1.0
Section 1. Permitted or Proposed Flows (Instructions Page 51)

A. Existing/Interim I Phase
Design Flow (MGD): 0.05
2-Hr Peak Flow (MGD): 0.15
Estimated construction start date: N/A - Existing
Estimated waste disposal start date: N/A - Existing

B. Interim II Phase
Design Flow (MGD): N/A
2-Hr Peak Flow (MGD): N/A
Estimated construction start date: N/A
Estimated waste disposal start date: N/A

C. Final Phase
Design Flow (MGD): 0.2
2-Hr Peak Flow (MGD): 0.8
Estimated construction start date: Winter 2025
Estimated waste disposal start date: Summer 2027

D. Current operating phase: Existing/Interim I Phase
Provide the startup date of the facility: April 2019

Section 2. Treatment Process (Instructions Page 51)

A. Treatment process description
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 in the permit, a description of each phase must be provided.** Process description:

Existing/Interim Facility (Phase I): Influent raw wastewater from the development force main enters a bar screen on top of the equalization basin (EO). The raw sewage then drops into the equalization basin. From there the water is pumped from the equalization basin (via two EO pumps) into a splitter box that splits the flow between two (2) 25,000-gallon treatment trains. Each treatment train is made up of two (2) aeration basins that then proceed to two (2) clarifiers. The individual effluent pipes from each clarifier then meet back up and combine in the chlorine contact basin that is then discharged to outfall #001. Sludge from the two (2) digesters is then pumped out and hauled wet-hauled to a TCEQ-permitted landfill facility.

(Final Phase): The influent raw wastewater from the development force main will be directed through a future fine screen concrete headworks and splitter box. From there, flow will split into the existing equalization basin and the future 150,000 gallon per day expanded plant. The flow from the existing equalization basin is pumped (via two EO pumps) into an existing splitter box that splits the flow between the two (2) existing 25,000-gallon treatment trains. Each treatment train is made up of two (2) aeration basins that then proceed to two (2) clarifiers. The individual effluent pipes from each clarifier then meet back up and combine in the chlorine contact basin that is then discharged to outfall #001. Sludge from the two (2) existing digesters will then be pumped and injected with polymer before going to two (2) future dewatering boxes. The dewatered sludge will then be removed from the dewatering boxes and hauled to a TCEQ-permitted landfill facility. The flow to the future 150,000 gallon per day expanded plant splits into two (2) future aeration basins before entering a future clarifier. Upon exiting the clarifier, the water will enter the future chlorine contact basin. Water leaving the chlorine contact basin will proceed to outfall #001. Sludge from the future digester will then be pumped and injected with polymer before going to two (2) proposed dewatering boxes. The dewatered sludge will then be removed from the dewatering boxes and hauled to a TCEQ permitted landfill facility.

Port or pipe diameter at the discharge point, in inches: 8"  

**B. Treatment Units**

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

<table>
<thead>
<tr>
<th>Treatment Unit Type</th>
<th>Number of Units</th>
<th>Dimensions (L x W x D)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>See Attachment P of this report</td>
</tr>
</tbody>
</table>

C. Process flow diagrams

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

Attachment: Attachment O: Process Flow Diagram

Section 3. Site Drawing (Instructions Page 52)

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: Attachment R: Site Drawing

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

The facility serves the Holiday Villages of Lake Livingston and surrounding subdivisions on the southwest shore of Lake Livingston.
Section 4. Unbuilt Phases (Instructions Page 52)

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

Yes □  No ☒

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

Yes □  No □

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

N/A

Section 5. Closure Plans (Instructions Page 53)

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.

N/A

Section 6. Permit Specific Requirements (Instructions Page 53)

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: N/A

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

N/A

B. Buffer zones

Have the buffer zone requirements been met?

Yes ☐  No ☑

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

Majority of the buffer zone lies within the client’s property boundary. A small portion of the buffer zone lies within a buffer zone easement. Evidence of the buffer zone easement has been provided in Attachment N.

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.
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.

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 512-239-0000. Note: A registration or permit is required for grit disposal. Grit shall not be combined with treatment plant sludge. See the instruction booklet for additional information on grit disposal requirements and restrictions.

Describe the method of grit disposal.
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 512-239-0000.

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

N/A

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 N/A or TXRNE N/A

If no, do you intend to seek coverage under TXR050000?
3. Conditional exclusion

Alternatively, do you intend to apply for a conditional exclusion from permitting based TXR0500000 (Multi Sector General Permit) Part II B.2 or TXR0500000 (Multi Sector General Permit) Part V, Sector I 3(b)?

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

N/A

4. Existing coverage in individual permit

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

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.

N/A

5. Zero stormwater discharge

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

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

N/A

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.

N/A

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, a Sewage Sludge Solids Management Plan is required. See Example 5 in the instructions.

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

1. Acceptance of sludge from other WWTPs

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

Yes □    No ☒

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

In addition, provide the date that the plant started accepting sludge or is anticipated to start accepting sludge, an estimate of monthly sludge acceptance (gallons or millions of gallons), an estimate of the BOD$_5$ concentration of the sludge, and the design BOD$_5$ concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.

N/A

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 a the date that the plant started accepting septic waste, or is anticipated to start accepting septic waste, an estimate of monthly septic waste acceptance (gallons or millions of gallons), an estimate of the BOD$_5$ concentration of the septic waste, and the design BOD$_5$ concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.
Note: Permits that accept sludge from other wastewater treatment plants may be required to have influent flow and organic loading monitoring.

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

Is the facility accepting or will it 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.

Section 7. Pollutant Analysis of Treated Effluent (Instructions Page 58)

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).

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

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

<table>
<thead>
<tr>
<th>Pollutant</th>
<th>Average Conc.</th>
<th>Max Conc.</th>
<th>No. of Samples</th>
<th>Sample Type</th>
<th>Sample Date/Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>CBODs, mg/l</td>
<td>5</td>
<td>5</td>
<td>2</td>
<td>grab</td>
<td>4/16/24</td>
</tr>
<tr>
<td>Pollutant</td>
<td>Average Conc.</td>
<td>Max Conc.</td>
<td>No. of Samples</td>
<td>Sample Type</td>
<td>Sample Date/Time</td>
</tr>
<tr>
<td>-----------------------------------------------</td>
<td>---------------</td>
<td>-----------</td>
<td>----------------</td>
<td>-------------</td>
<td>------------------</td>
</tr>
<tr>
<td>Total Suspended Solids, mg/l</td>
<td>14</td>
<td>16</td>
<td>2</td>
<td>grab</td>
<td>4/30/24</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>4/16/24</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>4/30/24</td>
</tr>
<tr>
<td>Ammonia Nitrogen, mg/l</td>
<td>2.255</td>
<td>4.41</td>
<td>2</td>
<td>grab</td>
<td>4/30/24</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>4/16/24</td>
</tr>
<tr>
<td>Nitrate Nitrogen, mg/l</td>
<td>14.05</td>
<td>23.7</td>
<td>2</td>
<td>grab</td>
<td>4/30/24</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>4/16/24</td>
</tr>
<tr>
<td>Total Kjeldahl Nitrogen, mg/l</td>
<td>5.35</td>
<td>7.2</td>
<td>2</td>
<td>grab</td>
<td>4/30/24</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>4/16/24</td>
</tr>
<tr>
<td>Sulfate, mg/l</td>
<td>10.515</td>
<td>14.7</td>
<td>2</td>
<td>grab</td>
<td>4/30/24</td>
</tr>
<tr>
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<td></td>
<td></td>
<td></td>
<td>4/16/24</td>
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<tr>
<td>Chloride, mg/l</td>
<td>219.5</td>
<td>360</td>
<td>2</td>
<td>grab</td>
<td>4/30/24</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>4/16/24</td>
</tr>
<tr>
<td>Total Phosphorus, mg/l</td>
<td>1.89</td>
<td>2.32</td>
<td>2</td>
<td>grab</td>
<td>4/30/24</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>4/16/24</td>
</tr>
<tr>
<td>pH, standard units</td>
<td>7.28</td>
<td>7.40</td>
<td>2</td>
<td>grab</td>
<td>4/30/24</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>4/16/24</td>
</tr>
<tr>
<td>Dissolved Oxygen*, mg/l</td>
<td>7.87</td>
<td>8.96</td>
<td>2</td>
<td>grab</td>
<td>4/30/24</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>4/16/24</td>
</tr>
<tr>
<td>Chlorine Residual, mg/l</td>
<td>3.41</td>
<td>3.67</td>
<td>2</td>
<td>grab</td>
<td>4/30/24</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>4/17/24</td>
</tr>
<tr>
<td>*E.coli (CFU/100ml) freshwater</td>
<td>93.5</td>
<td>186</td>
<td>2</td>
<td>grab</td>
<td>4/30/24</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>4/17/24</td>
</tr>
<tr>
<td>Enterococci (CFU/100ml) saltwater</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

TCEQ-10054 (06/01/2017)  
Domestic Wastewater Permit Application, Technical Reports
<table>
<thead>
<tr>
<th>Pollutant</th>
<th>Average Conc.</th>
<th>Max Conc.</th>
<th>No. of Samples</th>
<th>Sample Type</th>
<th>Sample Date/Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Dissolved Solids, mg/l</td>
<td>650</td>
<td>1071</td>
<td>2</td>
<td>grab</td>
<td>4/16/24</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>4/30/24</td>
</tr>
<tr>
<td>Electrical Conductivity, μmhos/cm, †</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Oil &amp; Grease, mg/l</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Alkalinity (CaCO₃)*, mg/l</td>
<td>143.5</td>
<td>208</td>
<td>2</td>
<td>grab</td>
<td>4/16/24</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>4/30/24</td>
</tr>
</tbody>
</table>

*TPDES permits only
†TLAP permits only

**Table 1.0(3) - Pollutant Analysis for Water Treatment Facilities**

<table>
<thead>
<tr>
<th>Pollutant</th>
<th>Average Conc.</th>
<th>Max Conc.</th>
<th>No. of Samples</th>
<th>Sample Type</th>
<th>Sample Date/Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Suspended Solids, mg/l</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Dissolved Solids, mg/l</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>pH, standard units</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fluoride, mg/l</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aluminum, mg/l</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alkalinity (CaCO₃), mg/l</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 8. Facility Operator (Instructions Page 60)

Facility Operator Name: Dalton McNiel

Facility Operator’s License Classification and Level: Wastewater Level B

Facility Operator's License Number: WW0072702

Section 9. Sewage Sludge Management and Disposal (Instructions...
A. Sludge disposal method
Identify the current or anticipated sludge disposal method or methods from the following list. Check all that apply.

☐ Permitted landfill
☐ Permitted or Registered land application site for beneficial use
☐ Land application for beneficial use authorized in the wastewater permit
☐ Permitted sludge processing facility
☐ Marketing and distribution as authorized in the wastewater permit
☐ Composting as authorized in the wastewater permit
☐ Permitted surface disposal site (sludge monofill)
☐ Surface disposal site (sludge monofill) authorized in the wastewater permit

☒ Transported to another permitted wastewater treatment plant or permitted sludge processing facility. If you selected this method, a written statement or contractual agreement from the wastewater treatment plant or permitted sludge processing facility accepting the sludge must be included with this application.
☐ Other: ____________________________

B. Sludge disposal site
Disposal site name: Polk County FWSD 2
TCEQ permit or registration number: WQ0011298001 & WQ0011298002
County where disposal site is located: Polk County

C. Sludge transportation method
Method of transportation (truck, train, pipe, other): Truck
Name of the hauler: RLS Underground, LLC
Hauler registration number: 26189
Sludge is transported as a:

- Liquid □
- semi-liquid ❏
- semi-solid □
- solid □

Section 10. Permit Authorization for Sewage Sludge Disposal
(Instructions Page 60)

A. Beneficial use authorization

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

Yes □ No ❏

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

Yes □ No □

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

Yes □ No □

B. Sludge processing authorization

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

- Sludge Composting □ No ❏
- Marketing and Distribution of sludge □ No ❏
- Sludge Surface Disposal or Sludge Monofill □ No ❏
- Temporary storage in sludge lagoons □ 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 61)

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: N/A

- USDA Natural Resources Conservation Service Soil Map:
  Attachment: N/A

- Federal Emergency Management Map:
  Attachment: N/A

- Site map:
  Attachment: N/A

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: N/A

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:

N/A

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: N/A
Total Kjeldahl Nitrogen, mg/kg: N/A
Total Nitrogen (=nitrate nitrogen + TKN), mg/kg: N/A
Phosphorus, mg/kg: N/A
Potassium, mg/kg: N/A
pH, standard units: N/A
Ammonia Nitrogen mg/kg: N/A
Arsenic: N/A
Cadmium: N/A
Chromium: N/A
Copper: N/A
Lead: N/A
Mercury: N/A
Molybdenum: N/A
Nickel: N/A
Selenium: N/A
Zinc: N/A
Total PCBs: N/A

Provide the following information:
Volume and frequency of sludge to the lagoon(s): N/A
Total dry tons stored in the lagoons(s) per 365-day period: N/A
Total dry tons stored in the lagoons(s) over the life of the unit: N/A

C. Liner information

Does the active/proposed sludge lagoon(s) have a liner with a maximum hydraulic conductivity of 1x10⁻⁷ cm/sec?
Yes □ No □

If yes, describe the liner below. Please note that a liner is required.
N/A
D. Site development plan

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

N/A

Attach the following documents to the application.

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

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: N/A

Section 12. Authorizations/Compliance/Enforcement
A. Additional authorizations

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

Yes ☐  No ☒

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

N/A

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:
The enforcement requests the client to solve the effluent violations found during review found on February 1, 2022. The violations included ammonia nitrogen and the daily average flow exceeding the permit limit. The flow violation is currently being addressed through a variety of different means. An Inflow and Infiltration study was done on the Holiday Villages of Lake Livingston (HVOLL) WWTP and its wastewater service connections. The report concluded that there were leaks in the individual residential grinder lift stations. The individual residential grinder lift stations leaks have been sealed and repaired. This should help reduce the influent flow into the HVOLL WWTP. In addition, the existing equalization basin (EQ) at the HVOLL WWTP has been non-operational in certain cases due to some malfunctions of the EQ pumps. The EQ basin is currently under design for some improvements that will ensure the basin is operational at all times. The EQ basin improvements should be fully implemented by the fall of 2025. These improvements will also help with the flow violation issue noted by TCEO. Finally, Texas Water Utilities is also in the process of getting a major amendment to increase the daily average flow of the plant from 0.05 MGD to 0.2 MGD. Texas Water Utilities will seek construction approval for the plant expansion from TCEO as soon as the permit major amendment is granted by them. The ammonia nitrogen violation is currently not an issue anymore. As of January of 2023, there has not been an exceedance in ammonia nitrogen per the Environmental Protection Agency’s ECHO effluent history. The HVOLL WWTP had been previously under aerating before January 2023. They purchased and installed an additional blower for one of their aeration basins. This helped the nitrification issue and is the reason there have not been any further exceedances with regards to the ammonia nitrogen permit limit.

Section 13. RCRA/CERCLA Wastes (Instructions Page 63)

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: N/A
Section 14. Laboratory Accreditation (Instructions Page 64)

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

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

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

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

CERTIFICATION:

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

Printed Name: Jeffrey L. McIntyre
Title: President

Signature: [Signature]
Date: 5/14/2024
ATTACHMENT E.

DOMESTIC TECHNICAL REPORT 1.1
DOMESTIC TECHNICAL REPORT 1.1
The following is required for new and amendment applications

Section 1. Justification for Permit (Instructions Page 66)

A. Justification of permit need

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

The current Holiday Villages of Lake Livingston WWTP is operating at 120% -130% of its design capacity. As such, a 0.15 MGD wastewater treatment plant expansion is required to accommodate the recent increase in raw sewage flow and get the plant back in compliance. The new facility will have an average daily flow of 0.2 MGD and a 2-hour peak flow of 0.8 MGD.

B. Regionalization of facilities

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

1. Municipally incorporated areas

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

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

Yes ☐  No ☒  Not Applicable ☐

If yes, within the city limits of: N/A

If yes, attach correspondence from the city.

Attachment: N/A

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

Attachment: N/A

2. Utility CCN areas
Is any portion of the proposed service area located inside another utility’s CCN area?
   Yes ☐      No ☒

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

Attachment: N/A

3. Nearby WWTPs or collection systems

Are there any domestic permitted wastewater treatment facilities or collection systems located within a three-mile radius of the proposed facility?
   Yes ☒      No ☐

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

Attachment: Attachment Y: Nearby Wastewater Treatment Facilities Map

If yes, attach copies of your certified letters to these facilities and their response letters concerning connection with their system.

Attachment: Attachment Z: WWTP Regionalization Letter

Does a permitted domestic wastewater treatment facility or a collection system located within three (3) miles of the proposed facility currently have the capacity to accept or is willing to expand to accept the volume of wastewater proposed in this application?
   Yes ☐      No ☒

If yes, attach an analysis of expenditures required to connect to a permitted wastewater treatment facility or collection system located within 3 miles versus the cost of the proposed facility or expansion.

Attachment: N/A

Section 2. Organic Loading (Instructions Page 67)

Is this facility in operation?
   Yes ☒      No ☐
If no, proceed to Item B, Proposed Organic Loading.

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

**A. Current organic loading**

Facility Design Flow (flow being requested in application): 0.2 MGD

Average Influent Organic Strength or BOD₅ Concentration in mg/l: 300 mg/L

Average Influent Loading (lbs/day = total average flow X average BOD₅ conc. X 8.34): (300 mg/L) x (0.2 MGD) x (8.34) = 500.4 lbs/day

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

Measurements from WWTP operators.

**B. Proposed organic loading**

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

*Table 1.1(1) - Design Organic Loading*

<table>
<thead>
<tr>
<th>Source</th>
<th>Total Average Flow (MGD)</th>
<th>Influent BOD₅ Concentration (mg/l)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Municipality</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Subdivision</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Trailer park - transient</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mobile home park</td>
<td></td>
<td></td>
</tr>
<tr>
<td>School with cafeteria and showers</td>
<td></td>
<td></td>
</tr>
<tr>
<td>School with cafeteria</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Source</td>
<td>Total Average Flow (MGD)</td>
<td>Influent BOD₅ Concentration (mg/l)</td>
</tr>
<tr>
<td>--------------------------------</td>
<td>--------------------------</td>
<td>-----------------------------------</td>
</tr>
<tr>
<td>no showers</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recreational park, overnight use</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recreational park, day use</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Office building or factory</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Motel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Restaurant</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hospital</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nursing home</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TOTAL FLOW from all sources</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AVERAGE BOD₅ from all sources</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 3. Proposed Effluent Quality and Disinfection (Instructions Page 68)

A. Existing/Interim I Phase Design Effluent Quality

Biochemical Oxygen Demand (5-day), mg/l: **10**
Total Suspended Solids, mg/l: **15**
Ammonia Nitrogen, mg/l: **3**
Total Phosphorus, mg/l: **N/A**
Dissolved Oxygen, mg/l: **4**
Other: N/A

B. **Interim II Phase Design Effluent Quality**
Biochemical Oxygen Demand (5-day), mg/l: N/A
Total Suspended Solids, mg/l: N/A
Ammonia Nitrogen, mg/l: N/A
Total Phosphorus, mg/l: N/A
Dissolved Oxygen, mg/l: N/A
Other: N/A

C. **Final Phase Design Effluent Quality**
Biochemical Oxygen Demand (5-day), mg/l: 10
Total Suspended Solids, mg/l: 15
Ammonia Nitrogen, mg/l: 3
Total Phosphorus, mg/l: N/A
Dissolved Oxygen, mg/l: 4
Other: N/A

D. **Disinfection Method**

- Chlorine: 2.5 mg/l after 20 minutes detention time at peak flow
- Dechlorination process: [Insert process details]
- Ultraviolet Light: N/A seconds contact time at peak flow
- Other: N/A

**Section 4. Design Calculations (Instructions Page 68)**

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

**Attachment:** Attachment S: Design Calculations
Section 5. Facility Site (Instructions Page 68)

A. 100-year floodplain

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

Yes ☒ No ☐

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

N/A

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

FEMA Flood Plain Map #48407C0100C

For a new or expansion of a facility, will a wetland or part of a wetland be filled?

Yes ☐ No ☒

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

Yes ☐ No ☒

If yes, provide the permit number: N/A

If no, provide the approximate date you anticipate submitting your application to the Corps: N/A

B. Wind rose

Attach a wind rose. Attachment: Attachment T: Wind Rose

Section 6. Permit Authorization for Sewage Sludge Disposal (Instructions Page 69)

A. Beneficial use authorization

Are you requesting to include authorization to land apply sewage sludge for beneficial use on property located adjacent to the wastewater treatment facility under the wastewater permit?
Yes □ No ☑

If yes, attach the completed Application for Permit for Beneficial Land Use of Sewage Sludge (TCEQ Form No. 10451)
Attachment: N/A

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

□ Sludge Composting
□ Marketing and Distribution of sludge
□ Sludge Surface Disposal or Sludge Monofill

If any of the above sludge options are selected, attach a completed DOMESTIC WASTEWATER PERMIT APPLICATION: SEWAGE SLUDGE TECHNICAL REPORT (TCEQ Form No. 10056).
Attachment: N/A

Section 7. Sewage Sludge Solids Management Plan (Instructions Page 69)

Attach a solids management plan to the application.
Attachment: Attachment U: Sewage Sludge Solids Management Plan

The sewage sludge solids management plan must contain the following information:
• Treatment units and processes dimensions and capacities
• Solids generated at 100, 75, 50, and 25 percent of design flow
• Mixed liquor suspended solids operating range at design and projected actual flow
• Quantity of solids to be removed and a schedule for solids removal
• Identification and ownership of the ultimate sludge disposal site
• For facultative lagoons, design life calculations, monitoring well locations and depths, and the ultimate disposal method for the sludge from the facultative lagoon

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

DOMESTIC TECHNICAL REPORT WORKSHEET 2.0
DOMESTIC TECHNICAL REPORT WORKSHEET 2.0
RECEIVING WATERS
The following is required for all TPDES permit applications

Section 1. Domestic Drinking Water Supply (Instructions Page 73)
Is there a surface water intake for domestic drinking water supply located within 5 miles downstream from the point or proposed point of discharge?
Yes □ No ☒

If yes, provide the following:
Owner of the drinking water supply: N/A
Distance and direction to the intake: N/A
Attach a USGS map that identifies the location of the intake.
Attachment: N/A

Section 2. Discharge into Tidally Affected Waters (Instructions Page 73)
Does the facility discharge into tidally affected waters?

Yes □ No ☒

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

A. Receiving water outfall
Width of the receiving water at the outfall, in feet: Approximately 4 ft

B. Oyster waters
Are there oyster waters in the vicinity of the discharge?
Yes □ No ☒

If yes, provide the distance and direction from outfall(s).
N/A
C. Sea grasses
Are there any sea grasses within the vicinity of the point of discharge?
   Yes □       No ☒
If yes, provide the distance and direction from the outfall(s).
   N/A

Section 3. Classified Segments (Instructions Page 73)
Is the discharge directly into (or within 300 feet of) a classified segment?
   Yes □       No ☒
If yes, this Worksheet is complete.
If no, complete Sections 4 and 5 of this Worksheet.

Section 4. Description of Immediate Receiving Waters
(Instructions Page 75)
Name of the immediate receiving waters: Unnamed tributary of Lake Livingston

A. Receiving water type
Identify the appropriate description of the receiving waters.
   □ Stream
   □ Freshwater Swamp or Marsh
   □ Lake or Pond
   Surface area, in acres: N/A
   Average depth of the entire water body, in feet:
   Average depth of water body within a 500-foot radius of discharge point, in feet: N/A
   ☒ Man-made Channel or Ditch
B. Flow characteristics

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

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

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

☒ Perennial - normally flowing

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

☐ USGS flow records

☐ Historical observation by adjacent landowners

☒ Personal observation

☐ Other, specify: _____________________________________________________________________________

C. Downstream perennial confluences

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

The discharge ditch joins Lake Livingston (Segment No. 0803 of the Trinity River Basin) approximately 1000 ft downstream.

D. Downstream characteristics

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

Yes ☒    No ☐

If yes, discuss how.
The discharge ditch joins Lake Livingston (Segment No. 0803 of the Trinity River Basin) 1,000 feet downstream.

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

The drainage ditch is perennial and is flowing during normal dry weather conditions.

Date and time of observation: 04/17/2024 9:45 am
Was the water body influenced by stormwater runoff during observations?

Yes □  No □

Section 5. General Characteristics of the Waterbody (Instructions Page 74)

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

□ Oil field activities  □ Urban runoff
□ Upstream discharges  □ Agricultural runoff
□ Septic tanks  □ Other(s), specify N/A

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

□ Livestock watering  □ Contact recreation
□ Irrigation withdrawal  □ Non-contact recreation
□ Fishing  □ Navigation
☐ Domestic water supply  ☐ Industrial water supply

☐ Park activities  ☐ Other(s), specify N/A

C. Waterbody aesthetics

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

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

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

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

☐ Offensive: stream does not enhance aesthetics; cluttered; highly developed; dumping areas; water discolored
ATTACHMENT G.
TCEQ CORE DATA FORM
TCEQ Core Data Form

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

SECTION I: General Information

1. Reason for Submission (If other is checked please describe in space provided.)
   - New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)
   - Renewal (Core Data Form should be submitted with the renewal form)
   - Other Major Amendment

2. Customer Reference Number (If issued)
   CN 602740706

3. Regulated Entity Reference Number (If issued)
   RN 103015350

SECTION II: Customer Information

4. General Customer Information
   - New Customer
   - Update to Customer Information
   - Change in Regulated Entity Ownership
   - Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)

   The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).

6. Customer Legal Name (If an individual, print last name first: eg: Doe, John)
   If new Customer, enter previous Customer below:
   Texas Water Utilities, L.P.

7. TX SOS/CPA Filing Number
   0800034797

8. TX State Tax ID (11 digits)
   10303732514

9. Federal Tax ID (9 digits)
   75259731

10. DUNS Number (If applicable)
    N/A

11. Type of Customer:
    - Corporation
    - Individual
    - Partnership: General
    - Limited
    - Government: City
    - County
    - Federal
    - Local
    - State
    - Other

12. Number of Employees
    - 0-20
    - 21-100
    - 101-250
    - 251-500
    - 501 and higher

13. Independently Owned and Operated?
    - Yes
    - No

14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following
    - Owner
    - Operator
    - Owner & Operator
    - Other:
    - Occupational Licensee
    - Responsible Party
    - VCP/BSA Applicant

15. Mailing Address:
    2150 Town Square Place
    Suite 400
    City: Sugarland
    State: TX
    ZIP: 77479
    ZIP + 4

16. Country Mailing Information (If outside USA)
    N/A

17. E-Mail Address (If applicable)
    tberry@swwc.com

18. Telephone Number

19. Extension or Code

20. Fax Number (If applicable)
### SECTION III: Regulated Entity Information

21. General Regulated Entity Information (If "New Regulated Entity" is selected, a new permit application is also required.)

- New Regulated Entity
- Update to Regulated Entity Name
- Update to Regulated Entity Information

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

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

Holiday Villages of Lake Livingston

23. Street Address of the Regulated Entity:

- 20 Cayman Street

<table>
<thead>
<tr>
<th>City</th>
<th>Point Blank</th>
<th>State</th>
<th>ZIP</th>
<th>ZIP + 4</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>TX</td>
<td>77364</td>
<td></td>
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</table>

24. County

- San Jacinto

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

25. Description to Physical Location:

26. Nearest City

<table>
<thead>
<tr>
<th>Nearest City</th>
<th>State</th>
<th>Nearest ZIP Code</th>
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<tr>
<td>Onalaska</td>
<td>TX</td>
<td>77364</td>
</tr>
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</table>

Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy.)

27. Latitude (N) in Decimal: 30.799744

<table>
<thead>
<tr>
<th>Degrees</th>
<th>Minutes</th>
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<tbody>
<tr>
<td>30°</td>
<td>47°</td>
<td>59.08&quot;</td>
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28. Longitude (W) in Decimal: -95.17114

<table>
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<tr>
<th>Degrees</th>
<th>Minutes</th>
<th>Seconds</th>
</tr>
</thead>
<tbody>
<tr>
<td>-95°</td>
<td>10°</td>
<td>19.61&quot;</td>
</tr>
</tbody>
</table>

29. Primary SIC Code (4 digits)

- 4952

30. Secondary SIC Code (4 digits)

- N/A

31. Primary NAICS Code (5 or 6 digits)

- 221320

32. Secondary NAICS Code (5 or 6 digits)

- N/A

33. What is the Primary Business of this entity? (Do not repeat the SIC or NAICS description.)

Treatment of domestic wastewater.

34. Mailing Address:

- 2150 Town Square Place
- Suite 400

<table>
<thead>
<tr>
<th>City</th>
<th>Sugarland</th>
<th>State</th>
<th>ZIP</th>
<th>ZIP + 4</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>TX</td>
<td>77479</td>
<td></td>
</tr>
</tbody>
</table>

35. E-Mail Address:

- chuck.barry@nexuswg.com, tbarry@swwc.com

36. Telephone Number

- (512) 531-6271

37. Extension or Code

- ( ) -

38. Fax Number (If applicable)

39. TCEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this form. See the Core Data Form instructions for additional guidance.
**SECTION IV: Preparer Information**

<table>
<thead>
<tr>
<th>40. Name:</th>
<th>Raul Dominguez</th>
<th>41. Title:</th>
<th>Professional Engineer</th>
</tr>
</thead>
<tbody>
<tr>
<td>42. Telephone Number</td>
<td>(346) 439-8113</td>
<td>43. Ext./Code</td>
<td></td>
</tr>
<tr>
<td>44. Fax Number</td>
<td></td>
<td>45. E-Mail Address</td>
<td><a href="mailto:raul.dominguez@kimley-horn.com">raul.dominguez@kimley-horn.com</a></td>
</tr>
</tbody>
</table>

**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.

<table>
<thead>
<tr>
<th>Company:</th>
<th>Texas Water Utilities, L.P.</th>
<th>Job Title:</th>
<th>President</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name (In Print):</td>
<td>Jeffrey L. McIntyre</td>
<td>Phone:</td>
<td>(866) 654-7992</td>
</tr>
<tr>
<td>Signature:</td>
<td></td>
<td>Date:</td>
<td>5-14-2021</td>
</tr>
</tbody>
</table>
ATTACHMENT H.
PUBLIC INVOLVEMENT PLAN FORM
Texas Commission on Environmental Quality

Public Involvement Plan Form for Permit and Registration Applications

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

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

Section 1. Preliminary Screening

☐ New Permit or Registration Application
☒ New Activity – modification, registration, amendment, facility, etc. (see instructions)

If neither of the above boxes are checked, completion of the form is not required and does not need to be submitted.

Section 2. Secondary Screening

☒ Requires public notice,
☐ Considered to have significant public interest, and
☐ Located within any of the following geographical locations:
  • Austin
  • Dallas
  • Fort Worth
  • Houston
  • San Antonio
  • West Texas
  • Texas Panhandle
  • Along the Texas/Mexico Border
  • Other geographical locations should be decided on a case-by-case basis

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

☐ Public Involvement Plan not applicable to this application. Provide brief explanation.
Section 3. Application Information

Type of Application (check all that apply):
Air  □ Initial  □ Federal  □ Amendment  □ Standard Permit  □ Title V
Waste  □ Municipal Solid Waste  □ Industrial and Hazardous Waste  □ Scrap Tire  □ Radioactive Material Licensing  □ Underground Injection Control

Water Quality
☒ Texas Pollutant Discharge Elimination System (TPDES)

☐ Texas Land Application Permit (TLAP)
☐ State Only Concentrated Animal Feeding Operation (CAFO)
☐ Water Treatment Plant Residuals Disposal Permit

☐ Class B Biosolids Land Application Permit
☐ Domestic Septage Land Application Registration

Water Rights New Permit
☐ New Appropriation of Water
☐ New or existing reservoir

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

Section 4. Plain Language Summary

Provide a brief description of planned activities.

This major amendment is developed to request an increase in the average daily discharge flow and 2-hour peak flow of outfall #001 from 0.05 million gallons per day (MGD) and 0.15 MGD, respectively, to a final phase value of 0.2 MGD and 0.8 MGD, respectively 0.6 MGD and 2.4 MGD, respectively. The reason for requesting an increase in flow is due to the fact that the existing plant is producing average daily flows above the current capacity of 0.05 MGD. The intention is to expand this existing plant in the immediate future from an average daily flow of 0.05 MGD to an average daily flow of 0.2 MGD.
Section 5. Community and Demographic Information

Community information can be found using EPA’s EJ Screen, U.S. Census Bureau information, or generally available demographic tools.

Information gathered in this section can assist with the determination of whether alternative language notice is necessary. Please provide the following information.

Point Blank
(City)
San Jacinto County
(County)
U.S. Census Bureau, Texas Reference Map, City of Point Blank. U.S. Census Tract

(Census Tract)
Please indicate which of these three is the level used for gathering the following information.

☒ City ☐ County ☐ Census Tract

(a) Percent of people over 25 years of age who at least graduated from high school
92.1%

(b) Per capita income for population near the specified location
$42,259

(c) Percent of minority population and percent of population by race within the specified location
Minority 21.67%; American Indian 0.149%, Black or African American 0.149%, Hispanic or Latino 17.6%, Other 3.8% I Remaining: White 78.33%

(d) Percent of Linguistically Isolated Households by language within the specified location
6.2% (Language Other Than English Spoken at Home in Point Blank City, Texas)

(e) Languages commonly spoken in area by percentage
English: 95.8%
Spanish: 4.2%

(f) Community and/or Stakeholder Groups
Unknown

(g) Historic public interest or involvement
Unknown
Section 6. Planned Public Outreach Activities

(a) Is this application subject to the public participation requirements of Title 30 Texas Administrative Code (30 TAC) Chapter 39?  
× Yes ☐ No

(b) If yes, do you intend at this time to provide public outreach other than what is required by rule?  
☐ Yes × No

If Yes, please describe.

If you answered “yes” that this application is subject to 30 TAC Chapter 39, answering the remaining questions in Section 6 is not required.

(c) Will you provide notice of this application in alternative languages?  
☐ Yes ☐ No

Please refer to Section 5. If more than 5% of the population potentially affected by your application is Limited English Proficient, then you are required to provide notice in the alternative language.

If yes, how will you provide notice in alternative languages?  
☐ Publish in alternative language newspaper
☐ Posted on Commissioner's Integrated Database Website
☐ Mailed by TCEQ's Office of the Chief Clerk
☐ Other (specify)

(d) Is there an opportunity for some type of public meeting, including after notice?  
☐ Yes ☐ No

(e) If a public meeting is held, will a translator be provided if requested?  
☐ Yes ☐ No

(f) Hard copies of the application will be available at the following (check all that apply):  
☐ TCEQ Regional Office ☐ TCEQ Central Office
☐ Public Place (specify)

Section 7. Voluntary Submittal

For applicants voluntarily providing this Public Involvement Plan, who are not subject to formal public participation requirements.

Will you provide notice of this application, including notice in alternative languages?  
× Yes ☐ No

What types of notice will be provided?  
× Publish in alternative language newspaper
☐ Posted on Commissioner's Integrated Database Website
☐ Mailed by TCEQ's Office of the Chief Clerk
☐ Other (specify)
ATTACHMENT I.

ORIGINAL USGS MAP
ATTACHMENT K.
LANDOWNER LIST AND LABELS
<table>
<thead>
<tr>
<th>Address</th>
<th>Mailing Name</th>
<th>Parcel #</th>
</tr>
</thead>
<tbody>
<tr>
<td>265 Green River Place</td>
<td>Lake Seed Investments, L.P.</td>
<td>25</td>
</tr>
<tr>
<td>2720 Oak Grove Drive</td>
<td>Mclean Ben &amp; Laura Mcpersion</td>
<td>24</td>
</tr>
<tr>
<td>2120 Rosemont Place</td>
<td>Thomas Title</td>
<td>23</td>
</tr>
<tr>
<td>123 Houbany Villages Point Blk</td>
<td>Summers Debra &amp; Michael W</td>
<td>22</td>
</tr>
<tr>
<td>50 Box 7182 Columbus, TX 77028</td>
<td>Stubbledfield Steven &amp; Margaret Dawn</td>
<td>21</td>
</tr>
<tr>
<td>5120 Brooks Road Balcony, TX 77030</td>
<td>Williams Sharon A</td>
<td>20</td>
</tr>
<tr>
<td>5125 Brooks Road Balcony, TX 77030</td>
<td>Williams Sharon A</td>
<td>19</td>
</tr>
<tr>
<td>6100 Champions Houston, TX 77040-2108</td>
<td>Crockett Acrodo</td>
<td>18</td>
</tr>
<tr>
<td>23222 Dripping Creek Crossing Court Spring, TX 77394-7142</td>
<td>Conrado Olga Lilia &amp; Victor Hugo</td>
<td>17</td>
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<tr>
<td>23245 Stella Street New Caney, TX 77357-4999</td>
<td>Entremont Angela Charlene &amp; Jacob</td>
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<tr>
<td>23257 Texas Drive Spring, TX 77388-2931</td>
<td>Garcia Victoria M &amp; Maria</td>
<td>15</td>
</tr>
<tr>
<td>444A N Central Expwy Dallas, TX 75240-4149</td>
<td>Texas Holiday Villages Llc</td>
<td>14</td>
</tr>
<tr>
<td>700 Cookes Point Blk</td>
<td>HV of Livingston Owners Association</td>
<td>13</td>
</tr>
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<td>HV of Livingston Owners Association</td>
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<td>700 Cookes Point Blk</td>
<td>HV of Livingston Owners Association</td>
<td>7</td>
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<tr>
<td>11151 N Little John Circle Houston, TX 77077-3801</td>
<td>Trinity Chapel K</td>
<td>6</td>
</tr>
<tr>
<td>1160 Whister &amp; Hufmanna, TX 77366-4655</td>
<td>Revala Donnan &amp; Maria Isabel</td>
<td>5</td>
</tr>
<tr>
<td>301 Polan Street Houston, TX 77007-5507</td>
<td>Ruiz Yuan &amp; Janifer</td>
<td>4</td>
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<tr>
<td>3350 22225 S Cleveland, TX 77372-7444</td>
<td>Johns Clarence &amp; Christie Lee</td>
<td>3</td>
</tr>
<tr>
<td>3225 Holiday Villages Point Blk, TX 77346-7117</td>
<td>Rowe Romo &amp; Donna</td>
<td>2</td>
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<tr>
<td>123 Holiday Villages Point Blk, TX 77346-7117</td>
<td>Davis Ralph &amp; Barbara S.</td>
<td>1</td>
</tr>
</tbody>
</table>

**Mailing Address**

**Landowner Name**

**Parcel #**
DAVIS RALPH D. & BARBARA S.
75 HOLIDAY VILLAGES
POINT BLANK, TX 77364-6713

REYNAD DORIAN & MARIA ISABEL
1106 WINCHESTER BND
HUFFMAN, TX 77336-4663

CORONADO OLGA LILIA & VICTOR
HUGO
23222 DRYWOOD CROSSING CT.
SPRING, TX 77373-8142

STUBBLEFIELD STEVEN & MARGARET
DAWN
PO BOX 2140
ONALASKA, TX 77360-2140

MCLEAN BEN W & LAURA S
MCPherson
2702 OAK GLADE DRIVE
KINGWOOD, TX 77339-1977

TRINH CHARLIE K
11751 N LITTLE JOHN CIRCLE
HOUSTON, TX 77071 - 3301

ROWE ROMEO & DONNA
132 HOLIDAY VILLAGES
POINT BLANK, TX 77364-6717

HV OF LIVINGSTON OWNERS
ASSOCIATION
700 COOKE JONES RD.
POINT BLANK, TX 77364-7417

CROCKETT RICARDO
6110 CRAKSTON
HOUSTON, TX 77084-2018

SUMMERS DEBRA A & MICHAEL W
162 HOLIDAY VILLAGES
POINT BLANK, TX 77364-6717

LAKE SEED INVESTMENTS, L.P.
246 GREYLAKE PLACE
THE WOODLANDS, TX 77354-3392

JOHNS CLARENCE & CHRISTOPHER
335 CR 2223-5
CLEVELAND, TX 77327 - 1404

RUIZ JUAN & JENNIFER
3011 FOLGER STREET
HOUSTON, TX 77093-5507

ENTREMONT ANGELA CHARLENE &
JACOB
23935 STELLA STREET
NEW CANEY, TX 77357-4949

WILLIAMS SHARON A
5175 BROOKS ROAD
BEAUMONT, TX 77705-6753

THOMAS TUTTIE
136 KOKOMO RUN ST.
POINT BLANK, TX 77364-4477

GARCIA VICTOR M & MARIA
21531 TOPHILL DRIVE
SPRING, TX 77388 - 2931
<table>
<thead>
<tr>
<th>Name</th>
<th>Address Details</th>
<th>City, State, Zip</th>
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</thead>
<tbody>
<tr>
<td>DAVIS RALPH D. &amp; BARBARA S.</td>
<td>75 HOLIDAY VILLAGES</td>
<td>POINT BLANK, TX 77364-6713</td>
</tr>
<tr>
<td>REYNAD DORIAN &amp; MARIA ISABEL</td>
<td>1106 WINCHESTER BND</td>
<td>HUFFMAN, TX 77336-4663</td>
</tr>
<tr>
<td>HV OF LIVINGSTON OWNERS</td>
<td>700 COOKE JONES RD.</td>
<td>POINT BLANK, TX 77364-7417</td>
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<tr>
<td>CROCKETT RICARDO</td>
<td>6110 CRAKSTON</td>
<td>HOUSTON, TX 77084-2018</td>
</tr>
<tr>
<td>WILLIAMS SHARON A</td>
<td>5175 BROOKS ROAD</td>
<td>BEAUMONT, TX 77705-6753</td>
</tr>
<tr>
<td>SUMMERS DEBRA A &amp; MICHAEL W</td>
<td>162 HOLIDAY VILLAGES</td>
<td>POINT BLANK, TX 77364-6717</td>
</tr>
<tr>
<td>THOMAS TUTTIE</td>
<td>156 KOKOMO RUN ST.</td>
<td>POINT BLANK, TX 77364-4777</td>
</tr>
<tr>
<td>MCLEAN BEN W &amp; LAURA S</td>
<td>2702 OAK GLADE DRIVE</td>
<td>KINGWOOD, TX 77339-1977</td>
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<tr>
<td>LAKE SEED INVESTMENTS, L.P.</td>
<td>246 GREYLAKE PLACE</td>
<td>THE WOODLANDS, TX 77354-3392</td>
</tr>
<tr>
<td>JOHNS CLARENCE &amp; CHRISTOPHER</td>
<td>335 CR 2223-5</td>
<td>CLEVELAND, TX 77327 - 1404</td>
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<tr>
<td>TRINH CHARLIE K</td>
<td>11751 N LITTLE JOHN CIRCLE</td>
<td>HOUSTON, TX 77071 - 3301</td>
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<tr>
<td>TEXAS HOLIDAY VILLAGES LLC</td>
<td>4144 N CENTRAL EXPY #420</td>
<td>DALLAS, TX 75204 - 3149</td>
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<tr>
<td>GARCIA VICTOR M &amp; MARIA</td>
<td>21531 TOPHILL DRIVE</td>
<td>SPRING, TX 77388 - 2931</td>
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<tr>
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<td>POINT BLANK, TX, 77364-6713</td>
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<td>HUFFMAN, TX, 77336-4663</td>
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<tr>
<td>CORONADO OLGA LILIA &amp; VICTOR HUGO</td>
<td>23222 DRYWOOD CROSSING CT.</td>
<td>SPRING, TX, 77373-8142</td>
</tr>
<tr>
<td>STUBBLEFIELD STEVEN &amp; MARGARET DAWN</td>
<td>PO BOX 2140</td>
<td>ONALASKA, TX, 77360-2140</td>
</tr>
<tr>
<td>MCLEAN BEN W &amp; LAURA S MCPHERSON</td>
<td>2702 OAK GLADE DRIVE</td>
<td>KINGWOOD, TX, 77339-1977</td>
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<tr>
<td>TRINH CHARLIE K</td>
<td>11751 N LITTLE JOHN CIRCLE</td>
<td>HOUSTON, TX, 77071 - 3301</td>
</tr>
</tbody>
</table>
ATTACHMENT L.

ORIGINAL PHOTOGRAPHS & PLOT PLAN
Photo 2: Outfall #001 Downstream (Camera Facing Northeast)
Photo 3: Proposed Wastewater Treatment Plant Expansion Location
ATTACHMENT N.

BUFFER ZONE EASEMENT DOCUMENT
BUFFER ZONE EASEMENT
(RESTRICTIVE COVENANT AGREEMENT)

THE STATE OF TEXAS

COUNTY OF SAN JACINTO

KNOW ALL MEN BY THESE PRESENTS:

This RESTRICTIVE COVENANT AGREEMENT ("Agreement") is entered into as of the 19th day of October, 2000, by and between TEXAS WATER SERVICES, INC. (hereinafter called "Utility Company") and LIVINGSTON HOLIDAY VILLAGES, L.P. (hereinafter called "Owner").

WHEREAS, Owner is the owner of all that certain property located in San Jacinto County, Texas (the "Buffer Zone"), more particularly described as follows:

all that certain approximately 3.313 acres of land more particularly described in Exhibit "A", attached hereto and hereby made a part hereof;

WHEREAS, Utility Company is required, pursuant to the Rules of the Texas Natural Resource Conservation Commission, to provide a 150-foot buffer zone from any wastewater treatment unit to the nearest residential property;

NOW, THEREFORE, in consideration of the mutual terms set forth below, Utility Company and Owner agree as follows:

1. Owner hereby covenants to Utility Company not to use, or allow any other person or entity to use, any existing or future structure located within the Buffer Zone as a residence, either temporarily or permanently. The term "structure" shall include, but not be limited to, a house, apartment, duplex, trailer, mobile home, shack, tent, garage or other outbuilding intended for residential use or associated with a residential building. All other non-residential uses are allowed, to include, at least, roadways and sidewalks, maintenance compounds and equipment and materials storage yards; provided, however, that any use of any portion of the Buffer Zone must be in compliance with any Subdivision Restrictions or regulations applicable to such portion of the Buffer Zone.

2. In return for Owner's covenant and promise set forth above, Utility Company has paid to Owner the sum of Ten Dollars ($10.00) and other good and valuable consideration, the receipt and sufficiency of which is acknowledged by Owner.

3. The covenants, conditions and restrictions contained in this Agreement shall run with and bind the land and all successors and assigns of Owner, and shall inure to the benefit of, and be enforceable by, Utility Company and its representatives, successors and assigns.

4. Utility Company and its representatives, successors and assigns shall have the right to enforce, by any proceeding at law or in equity, the covenants, restrictions, and conditions now or hereinafter imposed by this Agreement. Failure to enforce any covenant or restriction herein contained shall in no event be deemed a waiver of the right to do so thereafter.
5. This Agreement shall terminate upon revocation or cancellation of Permit No. 14056-001 issued to Utility Company by the Texas Natural Resource Conservation Commission.

IN WITNESS WHEREOF, this Agreement has been executed on the date first hereinafore shown.

TEXAS WATER SERVICES, INC.

By: [Signature]
John H. McClellan, Vice President

LIVINGSTON HOLIDAY VILLAGES, L.P., a Texas limited partnership

By: TECON-HV PARTNERS, L.P.,
    General Partner

By: TECON RESORTS, INC.,
    General Partner

By: [Signature]
J. G. Boyles, President

THE STATE OF TEXAS
COUNTY OF DALLAS

This instrument was acknowledged before me on the 19th day of October, 2000, by JOHN H. MCCLELLAN, Vice President of TEXAS WATER SERVICES, INC., a Texas corporation, on behalf of said corporation.

[Signature]
Barbara Kilpatrick
Notary Public, State of Texas

THE STATE OF TEXAS
COUNTY OF DALLAS

This instrument was acknowledged before me on this the 19th day of October, 2000, by J. G. Boyles, President of TECON RESORTS, INC., a Texas corporation, on behalf of said corporation as General Partner of TECON-HV PARTNERS, L.P., a Texas limited partnership, as General Partner of LIVINGSTON HOLIDAY VILLAGES, L.P., a Texas limited partnership.

[Signature]
Barbara Kilpatrick
Notary Public, State of Texas
"METES & BOUNDS" DESCRIPTION
ISAAC JONES SURVEY, A-182
SAN JACINTO COUNTY, TEXAS
3.313 ACRES
Sewer Plant Buffer Zone

FIELDNOTES TO 3.313 ACRES OF LAND AS SITUATED IN THE ISAAC JONES SURVEY, A-182, SAN JACINTO COUNTY, TEXAS, AND BEING OUT OF A PORTION OF HOLIDAY VILLAGES OF LIVINGSTON, WOODLAND SHORES SECTION "A" AND PARADISE BAY SECTION "E" AS SHOWN ON PLATS RECORDED IN VOLUME 303, PAGE 782, 783, 788 AND 789, RESPECTIVELY OF THE OFFICIAL PUBLIC RECORDS OF SAID COUNTY. SAID 3.313 ACRES BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

BEGINNING at a point on the west corner of this tract on the northwest right of way of Jamaica Avenue, same being on the southeast line of Lot 110 of said Section "E" at a point N 32° 31' E 40.00 Ft. from the south corner of same;

THENCE: N 32° 31' E, with said northwest right of way, at 310.00 Ft. pass the northeast line of Section "E" and the southwest line of Section "A" and of Cooke-Jones Road, in all 370.00 Ft. to a point for the north corner of this tract on the northeast right of way of said Cooke-Jones Road;

THENCE: S 57° 29' E 390.00 Ft., with said northeast right of way, to a point for the east corner of this tract;

THENCE: S 32° 31' W 370.00 Ft., on a line crossing Cooke-Jones Road and severing Lots 1 through 6 and into Lot 7 of said Section "E", to a point for the south corner of this tract;

THENCE: N 57° 29' W 390.00 Ft., on a line 10 Ft. southwest of and parallel with the northeast lines of Lots 7, 51 and 64 of said Section "E", to the PLACE OF BEGINNING AND CONTAINING WITHIN THESE BOUNDS 3.313 ACRES OF LAND.

The bearings recited herein are based on the recorded subdivision plats. This description was prepared from an actual survey made on the ground under my supervision in March, 2000.

LIVINGSTON SURVEYING & MAPPING CORPORATION
LIVINGSTON, TEXAS

BY: JAMES K. JOHNSON
REGISTERED PROFESSIONAL LAND SURVEYOR
CLERK’S NOTICE: ANY PROVISION HEREIN WHICH RESTRICTS THE SALE, RENTAL OR USE OF THE DESCRIBED REAL PROPERTY BECAUSE OF COLOR OR RACE IS INVALID AND UNENFORCEABLE UNDER FEDERAL LAW.

STATE OF TEXAS
COUNTY OF SAN JACINTO

I, Charlene Vann, hereby certify that this instrument was FILED in the number sequence on the date and at the time stamped hereon by me and was duly RECORDED in the official public records of San Jacinto County, Texas as stamped hereon by me on OCT 23 2000.

CHARLENE VANN
COUNTY CLERK
SAN JACINTO COUNTY, TEXAS
ATTACHMENT 0.
SPIF USGS MAP
SPIF USGS MAP
DOMESTIC WASTEWATER PERMIT
OF LAKE LIVINGSTON WWTP
HOLIDAY VILLAGES

HOLIDAY VILLAGES WATER TREATMENT PLANT
0.043 MG GROUND STORAGE TANK
HOLIDAY VILLAGES OF LAKE LIVINGSTON

HOLIDAY VILLAGES WATER TREATMENT PLANT
0.056 MG HYDRO PNEUMATIC TANK
HOLIDAY VILLAGES OF LAKE LIVINGSTON

PROPERTY BOUNDARY
HOLIDAY VILLAGES OF LAKE LIVINGSTON

WATER SUPPLY WELL
HOLIDAY VILLAGES OF LAKE LIVINGSTON

AREA APLICANT

Kimley-Horn
ATTACHMENT P.
EXISTING AND FINAL PHASE TREATMENT UNITS
**PHASE 1 (EXISTING)**

<table>
<thead>
<tr>
<th>TREATMENT UNIT TYPE</th>
<th>NUMBER OF UNITS</th>
<th>DIMENSIONS (L x W x H)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equalization Basin</td>
<td>1</td>
<td>40.1' x 12' x 12'</td>
</tr>
<tr>
<td>Aeration Basin</td>
<td>2</td>
<td>23' x 12' x 12'</td>
</tr>
<tr>
<td>Clarifier 1</td>
<td>1</td>
<td>12' Dia. x 12'</td>
</tr>
<tr>
<td>Clarifier 2</td>
<td>1</td>
<td>14' Dia. x 12'</td>
</tr>
<tr>
<td>Chlorine Contact Basin</td>
<td>1</td>
<td>12' x 5' x 8'</td>
</tr>
<tr>
<td>Digester</td>
<td>2</td>
<td>7.5' x 12' x 12'</td>
</tr>
</tbody>
</table>

**FINAL PHASE**

<table>
<thead>
<tr>
<th>TREATMENT UNIT TYPE</th>
<th>NUMBER OF UNITS</th>
<th>DIMENSIONS (L x W x H)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aeration Basin</td>
<td>2</td>
<td>45' x 12' x 13.17'</td>
</tr>
<tr>
<td>Clarifier</td>
<td>1</td>
<td>26' Dia. x 13.17'</td>
</tr>
<tr>
<td>Chlorine Contact Basin</td>
<td>1</td>
<td>12' x 11' x 11.17'</td>
</tr>
<tr>
<td>Digester</td>
<td>1</td>
<td>45' x12' x 13.67'</td>
</tr>
</tbody>
</table>
ATTACHMENT S.

DESIGN CALCULATIONS
DESIGN CALCULATIONS - PHASE I - Existing 0.05 MGD Train

Flow Calculations

<table>
<thead>
<tr>
<th>Influent Wastewater Flows</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Average Daily Flow</td>
<td>50,000 gpd</td>
<td>35 gpm</td>
</tr>
<tr>
<td>Peaking Factor</td>
<td>3.0</td>
<td></td>
</tr>
<tr>
<td>2-Hour Peak Flow</td>
<td>150,000 gpd</td>
<td>104 gpm</td>
</tr>
</tbody>
</table>

Influent Wastewater Characteristics

| Min. Wastewater Temp. (Tmin) | 15       |
| Max. Wastewater Temp. (Tmax) | 25       |

<table>
<thead>
<tr>
<th>Concentration</th>
<th>Organic Loading</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOD</td>
<td>300 mg/L</td>
</tr>
<tr>
<td>TSS</td>
<td>350 mg/L</td>
</tr>
<tr>
<td>NH₃-N</td>
<td>40 mg/L</td>
</tr>
</tbody>
</table>

Effluent Wastewater Characteristics (Permit Limits)

<table>
<thead>
<tr>
<th>Concentration</th>
<th>Organic Loading</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOD</td>
<td>10 mg/L</td>
</tr>
<tr>
<td>TSS</td>
<td>15 mg/L</td>
</tr>
<tr>
<td>NH₃-N</td>
<td>3 mg/L</td>
</tr>
<tr>
<td>DO</td>
<td>4 mg/L</td>
</tr>
</tbody>
</table>

AERATION BASIN DESIGN

TCEQ Aeration Basin Criteria

<table>
<thead>
<tr>
<th>Process Description</th>
<th>Conventional Activated Sludge Process With Nitrification When Reactor Temperatures Exceed 15°C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Organic Loading Rate</td>
<td>35 lbs BOD/1,000 ft² per TCEQ §217.154(b)(2)</td>
</tr>
<tr>
<td>Minimum Free Board</td>
<td>1.5 ft per TCEQ §217.153(b)(1)</td>
</tr>
<tr>
<td>Minimum Aeration Volume</td>
<td>3,574 ft³</td>
</tr>
</tbody>
</table>

Existing Aeration Basin Dimensions

| Number of Aeration Basins | 2 |
| Aeration Basin Length    | 23 ft |
| Aeration Basin Width     | 12 ft |
| Height of Aeration Basin (Top of Wall) | 12 ft |
| Average Side Water Depth at Average Flow | 10.45 ft |
| Max Side Water Depth at Peak Flow | 10.50 ft |
| Existing Free Board at Peak Flow | 1.50 ft |
| Aeration Basin Volume    | 5,768 ft³ 43,148 gal |

✓ REQUIRED VOLUME PROVIDED
**DESIGN CALCULATIONS - PHASE 1 - Existing 0.05 MGD Train**

### CLARIFIER DESIGN

**TCEQ Clarifier Criteria**

<table>
<thead>
<tr>
<th>Process Description</th>
<th>Activated Sludge - Secondary, Enhanced Secondary, or Secondary With Nitrification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Surface Loading at Peak Flow</td>
<td>1,200 gpd/ft² per TCEQ §171.154(c)(1)</td>
</tr>
<tr>
<td>Minimum Detention Time</td>
<td>1.8 hr per TCEQ §171.154(c)(1)</td>
</tr>
<tr>
<td>Minimum Free Board</td>
<td>1.0 ft per TCEQ §171.153(b)(2)</td>
</tr>
<tr>
<td>Minimum Side Water Depth</td>
<td>8.0 ft per TCEQ §171.152(a)(2)</td>
</tr>
<tr>
<td>Maximum Weir Loading Rate</td>
<td>20,000 gpd/ft² per TCEQ §171.152(a)(4-5)</td>
</tr>
<tr>
<td>Maximum Vertical Velocity in Stilling Well</td>
<td>0.15 fps per TCEQ §171.152(a)(4)</td>
</tr>
</tbody>
</table>

**Existing Clarifier Dimensions**

<table>
<thead>
<tr>
<th>Number of Clarifiers</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clarifier Diameter</td>
<td>14 ft</td>
</tr>
<tr>
<td>Clarifier Bottom Slope</td>
<td>2.8%</td>
</tr>
<tr>
<td>Clarifier Height (Including Cone)</td>
<td>12.00 ft</td>
</tr>
<tr>
<td>Clarifier Side Water Depth at Peak Flow</td>
<td>11.00 ft</td>
</tr>
<tr>
<td>Calculated Free Board</td>
<td>1.00 ft</td>
</tr>
<tr>
<td>Stilling Well Diameter</td>
<td>3 ft</td>
</tr>
<tr>
<td>Weir Length</td>
<td>41 ft</td>
</tr>
<tr>
<td>Actual Surface Area</td>
<td>154 ft²</td>
</tr>
<tr>
<td>Actual Clarifier Volume</td>
<td>1,693 ft³</td>
</tr>
</tbody>
</table>

| Total Clarifier Weir Length | 75 ft |
| Total Clarifier Surface Area | 267 ft² |
| Total Clarifier Volume | 2,937 ft³ |
| Actual Clarifier Volume | 1,244 ft³ |
| Weir Volume | 9,306 gal |

**Check Existing Clarifier Dimensions**

- Existing Peak Flow Detention Time 3.5 hr ✓
- Existing Surface Loading Rate at Peak Flow 562 gpd/ft² ✓
- Existing Weir Loading Rate 1,989 gpd/ft² ✓
- Existing Stilling Well Vertical Velocity 0.02 fps ✓

✓ REQUIRED VOLUME PROVIDED
✓ REQUIRED SURFACE AREA PROVIDED
✓ REQUIRED WEIR LENGTH PROVIDED

### AEROBIC DIGESTER DESIGN

**Existing Digester Dimensions**

| Number of Digester Basins | 2 |
| Digester Basins Length | 7.5 ft |
| Digester Basin Width | 12 ft |
| Side Water Depth of Digester Basin | 10.5 ft |
| Digester Basin Volume | 1,890 ft³ |

| Actual Digester Volume | 14,137 gal |

**Check Existing Digester Dimensions**

| % of Volatile Solids (VS) | 80% |
| % Volatile Solids Destroyed in Digestion (VSVD) | 40% |
| MLSS Concentration | 36,000 mg/L |
| Assumed 3.6% Solids Concentration in Digester with Decanting |
| Solids Holding Time | 40.0 days |
| Mass of Influent Solids | 125 ppd |
| Mass of Digested Solids | 85 ppd |
| Average Solids in Digester | 105 ppd |
| Total Solids in Digester Based on SRT | 4,203 lbs |
| Minimum Required Digester Volume | 1,871 ft³ |

= Average Solids * SRT
= Total Solids / MLSS Concentration

✓ REQUIRED VOLUME PROVIDED
DESIGN CALCULATIONS - PHASE I - Existing 0.05 MGD Train

CHLORINE CONTACT BASIN DESIGN

Existing Chlorine Contact Basin Dimensions

<table>
<thead>
<tr>
<th>Number of Basins</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basin Width</td>
<td>5 ft</td>
</tr>
<tr>
<td>Basin Height (Top of Wall)</td>
<td>12 ft</td>
</tr>
<tr>
<td>Basin Length</td>
<td>12 ft</td>
</tr>
<tr>
<td>Calculated Side Water Depth Peak Flow</td>
<td>5.5 ft</td>
</tr>
<tr>
<td>Free Board</td>
<td>6.5 ft</td>
</tr>
<tr>
<td>Actual Volume</td>
<td>330 ft³</td>
</tr>
</tbody>
</table>

Check Existing Chlorine Contact Dimensions

| Min. Detention Time at Peak Flow | 20 minutes |
| Min. Volume Required            | 278 ft³ | 2,083 gal |

✓ REQUIRED VOLUME PROVIDED

SODIUM HYPOCHLORITE DOSAGE DESIGN

Sodium Hypochlorite Dosing Requirements

<table>
<thead>
<tr>
<th>Type of Effluent</th>
<th>UNtreated Effluent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chlorine Concentration</td>
<td>6.0 mg/L</td>
</tr>
<tr>
<td>Required Peak Chlorine Dose</td>
<td>7.506 lbs/d</td>
</tr>
<tr>
<td>Chlorine Concentration by Weight in Sodium Hypochlorite</td>
<td>12.5%</td>
</tr>
<tr>
<td>Density of Water</td>
<td>8.34 lbs/gal</td>
</tr>
<tr>
<td>lbs of Chlorine per gallon of Sodium Hypochlorite</td>
<td>1.25 lbs/gal</td>
</tr>
</tbody>
</table>

\[
 R = \frac{PPD}{24 \times C} \]

per TCEQ Ch. 217.280 (b) (1)(c) Equation K.4

\[
 P = \frac{PPD}{24 \times C} \]

per TCEQ Ch. 217.280 (d) (1)

Peak Gallons of Sodium Hypochlorite per Hour | 0.250 gal/hr |
Maximum Number of Days of Storage | 15 days |
Maximum On-Site Storage | 30.0 gal |
Existing On-Site Storage | 30 gal |
Days of Storage Provided at Average Daily Flow | 20.0 days |

✓ REQUIRED STORAGE PROVIDED
## Design Calculations - Phase I - Existing 0.05 MGD Train

### Air Capacity Design

<table>
<thead>
<tr>
<th>Aeration Basin Airflow Requirement</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Calculated Oxygen Required</td>
<td>2.20 lbs O₂/lb BOD₅</td>
</tr>
<tr>
<td>Depth of Diffuser</td>
<td>11.00 ft</td>
</tr>
<tr>
<td>Submergence Correction Factor</td>
<td>1.280</td>
</tr>
<tr>
<td>Clean Water Transfer Efficiency</td>
<td>0.094</td>
</tr>
<tr>
<td>Wastewater Oxygen Transfer Efficiency</td>
<td>0.04</td>
</tr>
<tr>
<td>Calculated Air Flowrate (Based on Loading Rate)</td>
<td>337 scfm</td>
</tr>
<tr>
<td>Calculated Air Flowrate (Based on Mixing)</td>
<td>122 scfm</td>
</tr>
<tr>
<td>Total Airflow Requirement for Aeration Basin</td>
<td>337 scfm</td>
</tr>
</tbody>
</table>

### Aerobic Digester Airflow Requirement

| Required mixing Air Rate | 20.0 |
| Calculated Air Flowrate (Based on Mixing) | 38 scfm |

### Chlorine Contact Basin Airflow Requirement

| Effluent DO Concentration | 4.0 mg/L |
| Initial DO Concentration  | 0.0 mg/L |
| Required Oxygen at Peak Flow | 5.0 |
| Percent of Oxygen in Air  | 23% |
| Transfer Efficiency       | 8.40% |
| Density of Air            | 0.075 |
| Calculated Required Airflow | 2.4 scfm |

- Airflow Provided by Diffusers: 2.6 scfm
- Minimum Diffusers: 1

### Airlift Airflow Requirement

- Number of RAS/WAS Airlifts: 2
- RAS Airflow: 17.9 scfm
- Total RAS Airflow Required: 35.8 scfm
- Number of Supernatant Airlifts: 2
- Supernatant Airflow: 10 scfm
- Total WAS Airflow Required: 20 scfm
- Number of SCUM Airlifts: 2
- SCUM Airflow: 10 scfm
- Total SCUM Airflow Required: 20 scfm
- Total Airlift Airflow Required: 75.8 scfm

### Total Airflow Requirement

- Total Airflow Requirement: 453 scfm
- Blower Capacity: 135 scfm
- Number of Blowers: 5
- Firm Blower Capacity: 540 scfm

<--- REQUIRED CAPACITY PROVIDED

Assumed for conservative estimate

150% increase to diffuser airflow assuming 10 scfm per diffuser
DESIGN CALCULATIONS - PHASE 2 - 0.2 MGD Train

FLOW CALCULATIONS

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cumulative Daily Flow</td>
<td>200,000 gpd</td>
</tr>
<tr>
<td>Average Daily Flow Increase</td>
<td>150,000 gpd</td>
</tr>
<tr>
<td>Peaking Factor</td>
<td>4.0</td>
</tr>
<tr>
<td>2-Hour Peak Flow</td>
<td>600,000 gpd</td>
</tr>
<tr>
<td>2-Hour Cumulative Peak Flow</td>
<td>800,000 gpd</td>
</tr>
</tbody>
</table>

Influent Wastewater Characteristics

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Min. Wastewater Temp. (Tmin)</td>
<td>15</td>
</tr>
<tr>
<td>Max. Wastewater Temp. (Tmax)</td>
<td>25</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Concentration</th>
<th>Organic Loading</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOD</td>
<td>300 mg/L</td>
</tr>
<tr>
<td>TSS</td>
<td>40 mg/L</td>
</tr>
<tr>
<td>NH₃-N</td>
<td>40 mg/L</td>
</tr>
</tbody>
</table>

Effluent Wastewater Characteristics (Permit Limits)

<table>
<thead>
<tr>
<th>Concentration</th>
<th>Organic Loading</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOD</td>
<td>10 mg/L</td>
</tr>
<tr>
<td>TSS</td>
<td>15 mg/L</td>
</tr>
<tr>
<td>NH₃-N</td>
<td>3 mg/L</td>
</tr>
<tr>
<td>DO</td>
<td>4 mg/L</td>
</tr>
</tbody>
</table>

AERATION BASIN DESIGN

TCEQ Aeration Basin Criteria

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Process Description</td>
<td>Conventional Activated Sludge Process With Nitrification When Reactor Temperatures Exceed 15°C</td>
</tr>
<tr>
<td>Organic Loading Rate</td>
<td>35 lbs BOD/1,000 ft³</td>
</tr>
<tr>
<td>Minimum Free Board</td>
<td>1.5 ft</td>
</tr>
<tr>
<td>Minimum Aeration Volume</td>
<td>10,723 ft³</td>
</tr>
</tbody>
</table>

Proposed Aeration Basin Dimensions

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Aeration Basins</td>
<td>2</td>
</tr>
<tr>
<td>Aeration Basin Length</td>
<td>45 ft</td>
</tr>
<tr>
<td>Aeration Basin Width</td>
<td>12 ft</td>
</tr>
<tr>
<td>Height of Aeration Basin (Top of Wall)</td>
<td>13.17 ft</td>
</tr>
<tr>
<td>Average Side Water Depth at Average Flow</td>
<td>11.17 ft</td>
</tr>
<tr>
<td>Average Side Water Depth at Peak Flow</td>
<td>11.37 ft</td>
</tr>
<tr>
<td>Proposed Free Board at Peak Flow</td>
<td>1.90 ft</td>
</tr>
<tr>
<td>Aeration Basin Volume</td>
<td>12,064 ft³</td>
</tr>
</tbody>
</table>

Average ADF SWD in Aeration Basins No. 1, 2, and 3
Peak SWD in Aeration Basin No. 1

✓ REQUIRED VOLUME PROVIDED

Appendix F
5/13/2024
DESIGN CALCULATIONS - PHASE 2 - 0.2 MGD Train

CLARIFIER DESIGN

TCEQ Clarifier Criteria

<table>
<thead>
<tr>
<th>Process Description</th>
<th>Activated Sludge - Secondary, Enhanced Secondary, or Secondary With Nitification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Surface Loading at Peak Flow</td>
<td>1,200 gpd/ft² per TCEQ §277.153(c)(1)</td>
</tr>
<tr>
<td>Minimum Detention Time</td>
<td>1.8 hr per TCEQ §277.153(c)(1)</td>
</tr>
<tr>
<td>Minimum Free Board</td>
<td>1.0 ft per TCEQ §277.153(b)(2)</td>
</tr>
<tr>
<td>Minimum Side Water Depth</td>
<td>10.0 ft per TCEQ §277.153(b)(3)</td>
</tr>
<tr>
<td>Maximum weir Loading Rate</td>
<td>20,000 gpd/ft² per TCEQ §277.153(d)(4.5)</td>
</tr>
<tr>
<td>Maximum Vertical Velocity in Stilling Well</td>
<td>0.15 ft/s per TCEQ §277.153(a)(4)</td>
</tr>
</tbody>
</table>

Proposed Clarifier Dimensions

- Number of Clarifiers: 1
- Clarifier Diameter: 26 ft
- Clarifier Bottom Slope: 2.8%
- Clarifier Height (Including Cone): 13.17 ft
- Clarifier Side Water Depth at Peak Flow: 11.42 ft
- Calculated Free Board: 1.75 ft
- Stilling Well Diameter: 6 ft
- Weir Length: 79 ft
- Actual Surface Area: 53.1 ft²
- Actual Clarifier Volume: 6,663 ft³, 45,353 gal

Check Clarifier Dimensions

- Proposed Peak Flow Detention Time: 1.8 hr
- Proposed Surface Loading Rate at Peak Flow: 1,130 gpd/ft²
- Proposed Weir Loading Rate: 7,639 gpd/ft²
- Proposed Stilling Well Vertical Velocity: 0.03 ft/s

✓ REQUIRED VOLUME PROVIDED
✓ REQUIRED SURFACE AREA PROVIDED
✓ REQUIRED WEIR LENGTH PROVIDED

AEROBIC DIGESTER DESIGN

Proposed Digester Dimensions

| Number of Digester Basins | 1 |
| Digester Basin Length | 45 ft |
| Digester Basin Width | 12 ft |
| Side Water Depth of Digester Basin | 11.67 ft |
| Digester Basin Volume | 6,303 ft³, 47,137 gal |

Check Digester Dimensions

- % of Volatile Solids (VS): 80%
- Assumed 3.6% Solids Concentration in Digester with Decanting
- MLSS Concentration: 36,000 mg/L
- Solids Holding Time: 40 days
- Mass of Influent Solids: 375 ppd
- Mass of Digested Solids: 253 ppd
- Average Solids in Digester: 315 ppd

Total Solids in Digester Based on SRT: 12,610 lbs
Minimum Required Digester Volume: 5,614 ft³, 41,994 gal

✓ REQUIRED VOLUME PROVIDED

Appendix F
5/13/2024
2 of 4
## DESIGN CALCULATIONS - PHASE 2 - 0.2 MGD Train

### CHLORINE CONTACT BASIN DESIGN

<table>
<thead>
<tr>
<th>Proposed Chlorine Contact Basin Dimensions</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Basins</td>
<td>1</td>
</tr>
<tr>
<td>Basin Width</td>
<td>11 ft</td>
</tr>
<tr>
<td>Basin Height (Top of Wall)</td>
<td>11.17 ft</td>
</tr>
<tr>
<td>Basin Length</td>
<td>12 ft</td>
</tr>
<tr>
<td>Calculated Sides Water Depth Peak Flow</td>
<td>8.97 ft</td>
</tr>
<tr>
<td>Free Board</td>
<td>2.20 ft</td>
</tr>
<tr>
<td>Actual Volume</td>
<td>1,184 ft³</td>
</tr>
</tbody>
</table>

**Check Chlorine Contact Dimensions**

- Min. detention time at peak flow: 20 minutes
- Min. volume required: 1,114 ft³ | 8,332 gal

✓ REQUIRED VOLUME PROVIDED

### SODIUM HYPOCHLORITE STORAGE DESIGN

<table>
<thead>
<tr>
<th>Sodium Hypochlorite Dosing Requirements</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Type of Effluent</td>
<td>Nitrified Effluent</td>
</tr>
<tr>
<td>Chlorine Concentration</td>
<td>6 mg/L</td>
</tr>
<tr>
<td>Required Peak Chlorine Dosage</td>
<td>30.02 lb/1000gal</td>
</tr>
<tr>
<td>Chlorine Concentration by Weight in Sodium Hypochlorite</td>
<td>9.5%</td>
</tr>
<tr>
<td>Density of Water</td>
<td>8.34 lbs/gal</td>
</tr>
<tr>
<td>lbs of Chlorine per gallon of Sodium Hypochlorite</td>
<td>0.7973 lbs/gal</td>
</tr>
<tr>
<td>R</td>
<td>PPD</td>
</tr>
<tr>
<td></td>
<td>$24 \times C$</td>
</tr>
<tr>
<td>Peak Gallons of Sodium Hypochlorite per Hour</td>
<td>1.58 gal/hr</td>
</tr>
<tr>
<td>Maximum Number of Days of Storage</td>
<td>30 days</td>
</tr>
<tr>
<td>Maximum On-Site Storage</td>
<td>284 gal</td>
</tr>
<tr>
<td>Proposed On-Site Storage</td>
<td>250 gal</td>
</tr>
<tr>
<td>Days of Storage Provided at Average Daily Flow</td>
<td>26.4 days</td>
</tr>
</tbody>
</table>

✓ REQUIRED STORAGE PROVIDED
DESIGN CALCULATIONS - PHASE 2 - 0.2 MGD Train
AIR CAPACITY DESIGN

Aeration Basin Airflow Requirement

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calculated Oxygen Required</td>
<td>2.20 lbs O2/lb BOD₅</td>
</tr>
<tr>
<td>Depth of Diffuser</td>
<td>10.17 ft</td>
</tr>
<tr>
<td>Submergence Correction Factor</td>
<td>1.512</td>
</tr>
<tr>
<td>Clear Water Transfer Efficiency</td>
<td>0.086</td>
</tr>
<tr>
<td>Wastewater Oxygen Transfer Efficiency</td>
<td>0.04</td>
</tr>
<tr>
<td>Calculated Air Flowrate (Based on Loading Rate)</td>
<td>1,292 scfm</td>
</tr>
<tr>
<td>Calculated Air Flowrate (Based on Mixing)</td>
<td>284 scfm</td>
</tr>
<tr>
<td><strong>Total Airflow Requirement for Aeration Basin</strong></td>
<td>1,292 scfm</td>
</tr>
</tbody>
</table>

Aerobic Digester Airflow Requirement

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<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required mixing Air Rate</td>
<td>20.0 scfm/1,000 ft³</td>
</tr>
<tr>
<td>Calculated Air Flowrate (Based on Mixing)</td>
<td>126 scfm</td>
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</tbody>
</table>

Chlorine Contact Basin Airflow Requirement

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Effluent DO Concentration</td>
<td>4.0 mg/L</td>
</tr>
<tr>
<td>Initial DO Concentration</td>
<td>0.0 mg/L</td>
</tr>
<tr>
<td>Required Oxygen at Peak Flow</td>
<td>20.0 lbs O2/d</td>
</tr>
<tr>
<td>Percent of Oxygen in Air</td>
<td>23%</td>
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<tr>
<td>Transfer Efficiency</td>
<td>8.40%</td>
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<tr>
<td>Density of Air</td>
<td>0.075</td>
</tr>
<tr>
<td><strong>Calculated Required Airflow</strong></td>
<td>9.6 scfm</td>
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<tr>
<td>Airflow Provided by Diffusers</td>
<td>14.4 scfm</td>
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<tr>
<td>Minimum Diffusers</td>
<td>2 scfm</td>
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</table>

Airlift Airflow Requirement

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<th>Parameter</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Number of RAS/WAS Airlifts</td>
<td>3</td>
</tr>
<tr>
<td>RAS Airflow</td>
<td>17.9 scfm</td>
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<tr>
<td>Total RAS Airflow Required</td>
<td>53.7 scfm</td>
</tr>
<tr>
<td>Number of Supernatant Airlifts</td>
<td>2</td>
</tr>
<tr>
<td>Supernatant Airflow</td>
<td>10 scfm</td>
</tr>
<tr>
<td>Total WAS Airflow Required</td>
<td>20 scfm</td>
</tr>
<tr>
<td>Number of SCUM Airlifts</td>
<td>2</td>
</tr>
<tr>
<td>SCUM Airflow</td>
<td>10 scfm</td>
</tr>
<tr>
<td>Total SCUM Airflow Required</td>
<td>20 scfm</td>
</tr>
<tr>
<td><strong>Total Airlift Airflow Required</strong></td>
<td>93.7 scfm</td>
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</table>

Airflow Requirement

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Airflow Requirement</td>
<td>1,322 scfm</td>
</tr>
<tr>
<td>Blower Capacity</td>
<td>800 scfm</td>
</tr>
<tr>
<td>Number of Blowers</td>
<td>3</td>
</tr>
<tr>
<td>Firm Blower Capacity</td>
<td>1600 scfm</td>
</tr>
</tbody>
</table>

✓ REQUIRED CAPACITY PROVIDED
ATTACHMENT T.
WIND ROSE
ATTACHMENT U.
SEWAGE SLUDGE SOLIDS MANAGEMENT PLAN
THE HOLIDAY VILLAGES OF LAKE LIVINGSTON WASTEWATER TREATMENT PLANT
Solids Management Plan – Phase 1 (Existing)

- Influent Design Flow = 0.05 MGD
- Influent BOD Concentration = 300 mg/L.
- Aerobic Digester Volume = 14,137 gal
- Aeration Basin MLSS Concentration = 3,500 mg/L
- Aerobic Digester Dimensions = 7.5' I. x 12' W x 10.5' (Water level).

Historical data identifies an influent BOD strength of approximately 300 mg/L. The existing phase design flow capacity of this treatment facility is 0.05 MGD. This corresponds to a removal of 125.1 lbs. BOD/day (300 mg/L x 8.34 lbs./gallon x 0.05 MGD). The volatile solids in the sludge are approximately 40% reduced in the aerobic digester, therefore 60% solids are approximately remaining.

<table>
<thead>
<tr>
<th>Solids Generated</th>
<th>100% Flow</th>
<th>75% Flow</th>
<th>50% Flow</th>
<th>25% Flow</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pounds Influent BOD₅ (lb/d)</td>
<td>125</td>
<td>94</td>
<td>63</td>
<td>31</td>
</tr>
<tr>
<td>Pounds of Digested Dry Sludge Produced (lb/d)</td>
<td>85</td>
<td>64</td>
<td>43</td>
<td>21</td>
</tr>
<tr>
<td>Pounds of Wet Sludge Produced (lb/d)</td>
<td>2,363</td>
<td>1,772</td>
<td>1,182</td>
<td>591</td>
</tr>
<tr>
<td>Gallons of Wet Sludge Produced (gpd)</td>
<td>283</td>
<td>213</td>
<td>142</td>
<td>71</td>
</tr>
</tbody>
</table>

Assuming influent BOD at average temperatures and a 40% volatile solids reduction in the aerobic digester the amount of wet sludge wasted per day at 100% design flow would be 283 gallons per day. The capacity of the two existing aerobic digesters basins are 14,137 gallons combined. Assuming 65% of the aerobic digester can be occupied by solids, this results in approximately 33 days of storage for the wet sludge (0.65 × 14,137 gallons of digester capacity)/(283 gallons of wet sludge produced per day)). Each of the aerobic digester's dimensions are 7.5' L x 12' W x 10.5' (Water level). The digested sludge is transported by a TCEQ registered hauler (Wastewater Transport Services-Permit/Registration No. 24343) to either of the two plants owned and operated by Polk County Fresh Water Supply District (Onalaska WWTP-Permit#: WQ0011298001 or Polk County Fresh Water Supply District No.2 WWTP- Permit #: WQ0011298002). The Onalaska WWTP is located at 405 East Beaumont Avenue, in the City of Onalaska, Polk County, Texas 77360. The Polk County Fresh Water Supply District No.2 WWTP is located approximately 2.43 miles north of the intersection of Farm-to-Market Road 3459 and U.S. Highway 190 West, in Polk County, Texas 77360.
THE HOLIDAY VILLAGES OF LAKE LIVINGSTON WASTEWATER TREATMENT PLANT

Solids Management Plan – Final Phase

- Influent Design Flow = 0.2 MGD
- Influent BOD Concentration = 300 mg/L.
- Aerobic Digester Volume = 47,137 gal
- Aeration Basin MLSS Concentration = 3,500 mg/L
- Aerobic Digester Dimensions = 9.5’ x 12’ x 6’

Historical data identifies an influent BOD strength of approximately 300 mg/L. The final phase design flow capacity of this treatment facility is 0.2 MGD. This corresponds to a removal of 501 lbs. BOD/day (300 mg/L x 8.34 lbs./gallon x 0.2 MGD). The volatile solids in the sludge are approximately 40% reduced in the aerobic digester, therefore 60% solids are approximately remaining.

<table>
<thead>
<tr>
<th>Solids Generated</th>
<th>100% Flow</th>
<th>75% Flow</th>
<th>50% Flow</th>
<th>25% Flow</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pounds Influent BOD5 (lb/d)</td>
<td>500</td>
<td>375</td>
<td>250</td>
<td>125</td>
</tr>
<tr>
<td>Pounds of Digested Dry Sludge Produced (lb/d)</td>
<td>340</td>
<td>255</td>
<td>170</td>
<td>85</td>
</tr>
<tr>
<td>Pounds of Wet Sludge Produced (lb/d)</td>
<td>9,452</td>
<td>7,089</td>
<td>4,726</td>
<td>2,363</td>
</tr>
<tr>
<td>Gallons of Wet Sludge Produced (gpd)</td>
<td>1,133</td>
<td>850</td>
<td>567</td>
<td>283</td>
</tr>
</tbody>
</table>

Assuming influent BOD at average temperatures and a 40% volatile solids reduction in the aerobic digester the amount of wet sludge wasted per day at 100% design flow would be 1,133 gallons per day. The capacity of the proposed aerobic digester basins are 47,137 gallons combined. Assuming 65% of the aerobic digester can be occupied by solids, this results in approximately 27 days of storage for the wet sludge ((0.65 x 47,137 gallons of digester capacity)/(1,133 gallons of wet sludge produced per day)). The aerobic digester dimensions are 45’ L x 12’ W x 11.67’ (Water level). The digested sludge will be transported by a TCEQ registered hauler (Wastewater Transport Services-Permit/Registration No. 24343) to either of the two plants owned and operated by Polk County Fresh Water Supply District (Onalaska WWTP- Permit#: WQ0011298001 or Polk County Fresh Water Supply District No.2 WWTP- Permit#: WQ0011298002). The Onalaska WWTP is located at 405 East Beaumont Avenue, in the City of Onalaska, Polk County, Texas 77360. The Polk County Fresh Water Supply District No.2 WWTP is located approximately 2.43 miles north of the intersection of Farm-to-Market Road 3459 and U.S. Highway 190 West, in Polk County, Texas 77360.
ATTACHMENT V.

COPY OF PERMIT PAYMENT VOUCHER
Print this voucher for your records. If you are sending the TCEQ hardcopy documents related to this payment, include a copy of this voucher.

**Transaction Information**

<table>
<thead>
<tr>
<th>Voucher Number: 700372</th>
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<tbody>
<tr>
<td>Trace Number: 582EA000605501</td>
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<tr>
<td>Date: 04/08/2024 11:16 AM</td>
</tr>
<tr>
<td>Payment Method: CC - Authorization 0000249331</td>
</tr>
<tr>
<td>Voucher Amount: $800.00</td>
</tr>
<tr>
<td>Fee Type: WW PERMIT - FACILITY WITH FLOW &gt;= .1 &amp; &lt; .25 MGD - NEW AND MAJOR AMENDMENTS</td>
</tr>
<tr>
<td>ePay Actor: ALYSSA THOMAS</td>
</tr>
<tr>
<td>Actor Email: <a href="mailto:alyssa.thomas@kimley-horn.com">alyssa.thomas@kimley-horn.com</a></td>
</tr>
<tr>
<td>IP: 130.41.212.196</td>
</tr>
</tbody>
</table>

**Payment Contact Information**

<table>
<thead>
<tr>
<th>Name: ALYSSA THOMAS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Company: KIMLEY-HORN &amp; ASSOCIATES</td>
</tr>
<tr>
<td>Address: 11700 KATY FREEWAY SUITE 800, HOUSTON, TX 77043</td>
</tr>
<tr>
<td>Phone: 346-439-0378</td>
</tr>
</tbody>
</table>

**Site Information**

<table>
<thead>
<tr>
<th>RN: RN103015350</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site Name: HOLIDAY VILLAGES OF LAKE LIVINGSTON WWTP</td>
</tr>
<tr>
<td>Site Address: 20 CAYMAN STREET, POINT BLANK, TX 77364</td>
</tr>
<tr>
<td>Site Location: APPROX 0.4 MILES NORTHWEST OF THE INTERSECTION OF STATE HIGHWAY 190</td>
</tr>
</tbody>
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**Customer Information**

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<thead>
<tr>
<th>CN: CN602740706</th>
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<tbody>
<tr>
<td>Customer Name: TEXAS WATER UTILITIES L P</td>
</tr>
<tr>
<td>Customer Address: 2150 TOWN SQUARE PL SUITE 400, SUGARLAND, TX 77479</td>
</tr>
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**Other Information**

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<th>Program Area ID: 0014056001</th>
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</table>
Print this voucher for your records. If you are sending the TCEQ hardcopy documents related to this payment, include a copy of this voucher.

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**Transaction Information**

- **Voucher Number:** 700373
- **Trace Number:** 582EA0000605501
- **Date:** 04/08/2024 11:16 AM
- **Payment Method:** CC - Authorization 0000249331
- **Voucher Amount:** $50.00
- **Fee Type:** 30 TAC 305.53B WQ NOTIFICATION FEE
- **ePay Actor:** ALYSSA THOMAS
- **Actor Email:** alyssa.thomas@kimley-horn.com
- **IP:** 130.41.212.196

---

**Payment Contact Information**

- **Name:** ALYSSA THOMAS
- **Company:** KIMLEY-HORN & ASSOCIATES
- **Address:** 11700 KATY FREEWAY SUITE 800, HOUSTON, TX 77043
- **Phone:** 346-439-0378

---

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Statewide Links: Texas.gov | Texas Homeland Security | TRAIL Statewide Archive | Texas Veterans Portal

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ATTACHMENT W.
LABORATORY RESULTS
<table>
<thead>
<tr>
<th>Lab</th>
<th>Comments: Measurements for dissolved oxygen, pH and chlorophyll a were performed in the field and sampling site by plant operators.</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
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</tr>
<tr>
<td>0’04</td>
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<td></td>
</tr>
<tr>
<td>5</td>
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<tr>
<td>0’03</td>
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<tr>
<td>0’02</td>
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</tr>
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**Holiday Village Effluent 4/16/24**

<table>
<thead>
<tr>
<th>Test</th>
<th>Method</th>
<th>Units</th>
<th>Date</th>
<th>Time</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Collection Details**

- Collected by: [Name]
- Station: [Station Name]
- Date: 4/16/24
- Time: 11:10 AM
- Sample Number: [Number]
- Sample Description: [Description]

**Analysis Report Form**

- Laboratory: [Laboratory Name]
- Phone: [Phone Number]
- Fax: [Fax Number]
- Address: [Address]

**References:**

- EPA Standard Methods for the Examination of Water and Wastewater
- WPCF - Determination of Inorganic Arsenic by Ion Chromatography
LABORATORY ANALYTICAL REPORT

Project: TRA Holiday Village Permit

Sample Site: Holiday Village
Sample Type: Grab
Sample Matrix: Water
Client Matrix: Water

<table>
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<tr>
<th>Analyte</th>
<th>Result</th>
<th>Reporting Limit</th>
<th>Units</th>
<th>Nelac Status</th>
<th>Batch</th>
<th>Analyzed Date</th>
<th>Method</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>TKN</td>
<td>7.2</td>
<td>1.0</td>
<td>mg/L</td>
<td>A</td>
<td>B4E0678</td>
<td>05/06/2024</td>
<td>WDS</td>
<td>EPA 351.2</td>
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EPA 351.2 - Quality Control

Eastex Environmental Laboratory - Coldspring

<table>
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<th>Result</th>
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<th>Source Date</th>
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<th>%REC</th>
<th>RPD</th>
<th>RPD Limit</th>
<th>Notes</th>
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<tbody>
<tr>
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<td>TKN</td>
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<tr>
<td>LCS (B4E0678-LSI)</td>
<td>9.49</td>
<td>1.0</td>
<td>mg/L</td>
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<td></td>
<td>94.9</td>
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Mark Bourgeois, Special Projects Manager

Qualifiers

"The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Alkalinity titrated to pH 4.5 end point.

*NELAC Status: A=Accredited, N=Accreditation not offered, O=Not Accredited, P=Approved

Coldspring All InclusiveYesQC.rpt Rev 6: 66242021

Report Date: 05/10/24 09:06
Page 1 of 1
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# LABORATORY ANALYTICAL REPORT

**Project:** TRA Holiday Village Permit

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<tr>
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## EPA 351.2 - Quality Control

**Eastex Environmental Laboratory - Coldspring**

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Mark Bourgeois, Special Projects Manager

Qualifiers

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Eastex Environmental Laboratory - Coldspring - The results in this report apply to the samples analyzed in accordance with the chain of custody document.

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Coldspring All Inclusive YesQC.rpt Rev 6: 06242021

Report Date: 05/10/24 09:05

Page 1 of 3
E. coli - Bacteriological Analysis - Field ID Form

TRA Lake Livingston Lab, P.O. Box 366, Livingston, TX 77351 - 936-385-3292

Field ID Code: EC-8329

Location: Holiday Village
Sample Date: 1/20
Time: 5:20

Chlorine Residual: 5.87 mg/L

Received by: [Signature]
Date: 4/17/17
Time: 18:38

Relinquished by: [Signature]

Pollution surveillance sample: [ ] Private Sample: [ ] TNI accredited data not required: [ ]

Sample delivered on ice? YES [ ] NO [ ]

Comments: [Signature]

Attachment 1 of 1 of Report # 05152404K002
ATTACHMENT X.

SLUDGE DISPOSAL SITE AND TRANSPORT CONTRACT AGREEMENTS
MUNICIPAL WASTE DISPOSAL AGREEMENT

THE STATE OF TEXAS §

COUNTY OF POLK §

This Municipal Waste Disposal Agreement (this “Agreement”) is made and entered into as of this 2nd Day of February 2023 (“Effective Date”), by and among Polk County Fresh Water Supply District No. 2 (the "District"), a political subdivision of the State of Texas, and RLS Underground (“RLS”).

WITNESSETH

WHEREAS, the District owns and operates a wastewater treatment plant (the “WWTP”) within its boundaries;

WHEREAS, RLS operates a septic tank cleaning business, and desires to dispose of municipal waste in the WWTP;

WHEREAS, the District’s Engineer and Operator have determined that the District can accept municipal waste from RLS; and

WHEREAS, the District and RLS desire to enter into an agreement stipulating the terms for by which MLS will dispose of municipal waste in the WWTP.

NOW, THEREFORE, for and in consideration of the mutual benefits to accrue to each of the parties hereto, the receipt and adequacy of which are hereby acknowledged, the District and RLS contract and agree as follows:

ARTICLE I

DISPOSAL OF MUNICIPAL WASTE

1.01. Definition of Municipal Waste. “Municipal Waste” shall mean residential wastewater as defined in the District’s Rate Order, and shall consist of septage from legally transported domestic sanitary septic tanks only. It does not include, and this Agreement specifically prohibits, the discharge of waste generated from industrial sources, grease traps, or sand traps into the WWTP. RLS acknowledges and agrees that, should any discharge of waste not meeting the definition in this Section 1.01 result in the violation of any rule or regulation of any governmental entity or regulatory authority having jurisdiction over the District, leading to the imposition or levy of any fee, charge, penalty or fine, it shall be the sole responsibility of RLS to pay any such fee, charge, penalty or fine.

1.02. Disposal of Municipal Waste/Cost of Disposal. Pursuant to the terms and conditions of this Agreement, RLS may dispose of Municipal Waste in the WWTP at the location approved by the Board of Supervisors of the District, and detailed on Exhibit “A” attached hereto and made a part hereof for all purposes (the “Point of Disposal”). RLS shall not
dispose of, and is prohibited from disposing of, Municipal Waste at any location other than the Point of Disposal.

The cost of disposal shall be five dollar ($5.00) per 100 gallons of Municipal Waste disposed, and shall be paid in full at the time of disposal.

Section 1.03. Haul Ticket Required. Prior to disposal of each load into the WWTP, RLS shall provide to the District a haul ticket. Disposal of any load of Municipal Waste without a haul ticket is prohibited, and will be considered a breach of this Agreement.

ARTICLE II
TERMINATION

This Agreement shall terminate in the event:

(a) that the District’s Operator, in its sole discretion, determines that RLS disposed of any prohibited wastes in the WWTP;

(b) that RLS disposes of Municipal Waste at any location other than the Point of Disposal; or

(c) that disposal of Municipal Waste into the WWTP causes any problems, or interferes in any way with the District’s operation of the WWTP, including but not limited to treatment and discharge of wastewater by the District.

Notwithstanding the foregoing, this Agreement may be terminated at any time by either party by giving thirty (30) days written notice to the other party in accordance with the provisions hereof.

ARTICLE III
INSURANCE AND INDEMNIFICATION

3.01. Insurance.

A. Insurance Required/Certificate. Prior to disposal of any Municipal Waste into the WWTP pursuant to this Agreement, RLS shall provide to the District a Certificate of Insurance indicating that RLS has the coverage described in subsection B below. This coverage shall remain in effect throughout the term of this Agreement. The Certificate of Insurance shall list or specify the following:

The District as a Certificate Holder with correct mailing address;

Insured’s name, which must match that on this Agreement;

Companies affording each coverage, policy dates of each coverage, all coverage’s and limits described herein, and signature of authorized representative of insurance company;

Producer of the Certificate with correct address, phone, and fax listed;
Certificate Holder has been named as an Additional Insured with respect to the Commercial General, Auto Liability, and all other liability policies described herein;

The Commercial General and Auto Liability policies described are primary respect to the Additional Insured;

Waivers of Subrogation in favor of Certificate Holder on Commercial General, Auto Liability, and Workers’ Compensation policies;

The Commercial General and Auto Liability policies described provide the severability of interest (gross liability) provision applicable to the named Insured and the Certificate Holder;

All Workers’ Compensation classifications will be listed on RLS’ policy; and

The District will be notified in writing (30) days prior to the cancellation of or reduction in coverage, or intent not to renew coverage, and elimination of “endeavor to” and “but failure to mail such notice shall impose no obligation or liability of any kind upon the company, its agents or representatives” from the cancellation provision

B. Coverage limits and Requirements. The Certificate of Insurance shall provide the following minimum limits of coverage:

<table>
<thead>
<tr>
<th>TYPE OF INSURANCE</th>
<th>LIMITS</th>
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<tbody>
<tr>
<td>WORKERS’ COMPENSATION/EMPLOYER’S LIABILITY</td>
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<tr>
<td>A. Workers’ Compensation</td>
<td>Statutory</td>
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<tr>
<td>B. Employer’s Liability</td>
<td></td>
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<tr>
<td>Each Accident</td>
<td>$1,000,000</td>
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<td>Disease - Policy Limit</td>
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<td>COMMERCIAL GENERAL LIABILITY</td>
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<td>Required Minimum Limits are:</td>
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<td>General Aggregate</td>
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<td>Medical Expense</td>
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<td>AUTOMOBILE LIABILITY</td>
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<td>Combined Single Limit</td>
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<td>Owned</td>
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3.02. INDEMNIFICATION. TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, MLS SHALL INDEMNIFY, PROTECT, DEFEND, AND HOLD HARMLESS THE DISTRICT AND ITS RESPECTIVE OFFICIALS, OFFICERS, SUPERVISORS, AGENTS AND EMPLOYEES (COLLECTIVELY, THE "INDEMNITEES") FROM AND AGAINST ANY AND ALL CLAIMS, DAMAGES, LOSSES, LIABILITIES, COSTS, FINES, LIENS, CAUSES OF ACTION, SUITS, JUDGMENTS, PENALTIES, AND EXPENSES, [INCLUDING ATTORNEY FEES AND COURT COSTS], OF ANY NATURE, KIND OR DESCRIPTION MADE OR ASSERTED BY ANY PERSON OR ENTITY RESULTING FROM MLS DISPOSING OF MUNICIPAL WASTE INTO THE WWTP AS CONTEMPLATED BY THIS AGREEMENT, EVEN THOUGH CAUSED IN PART BY THE NEGLIGENCE, (WHETHER JOINT OR CONCURRENT), GROSS NEGLIGENCE, STRICT LIABILITY OR OTHER LEGAL FAULT OF THE DISTRICT OR ANY OTHER INDEMNITEE. IT IS THE EXPRESS INTENTION OF MLS TO INDEMNIFY THE INDEMNITEES FROM THE CONSEQUENCES OF THEIR NEGLIGENCE.

ARTICLE IV
MISCELLANEOUS

4.01. Severability. The provisions of this Agreement are severable, and if any provision or part of this Agreement or the application thereof to any person or circumstance shall ever be held by any court of competent jurisdiction to be invalid or unconstitutional for any reason, the remainder of this Agreement and the application of such provision or part of this Agreement to other persons or circumstances shall not be affected thereby.

4.02. Modification. This Agreement shall be subject to change or modification only with the written consent of the parties hereto.

4.03. Assignability. This Agreement shall not be assignable.

4.04. Captions. The captions appearing at the first of each numbered section or paragraph in this Agreement shall never be considered or given any effect in construing this Agreement.

4.05. Applicable Law. This Agreement shall be governed by, and construed in accordance with the laws of the State of Texas.

4.06. Parties at Interest. This Agreement shall be for the sole and exclusive benefit of the parties hereto and shall never be construed to confer any benefit to any third party.

4.07. Force Majeure. If either party is rendered unable, wholly or in part, by force majeure to carry out any of its obligations under this Agreement, then the obligations of either party to the extent affected by such force majeure and to the extent that due diligence is being used to resume performance at the earliest practicable time, shall be suspended during the
continuance of any inability so caused to the extent provided but for no longer period. Such cause, as far as possible, shall be remedied with all reasonable diligence. The term “force majeure”, as used herein, shall include, without limitation of the generality thereof, acts of God, strikes, lockouts, or other industrial disturbances, acts of the public enemy, orders of any kind of the Government of the United States or of the State of Texas or any civil or military authority, insurrections, riots, epidemics, landslides, lightning, earthquakes, fires, hurricanes, storms, floods, washouts, droughts, arrests, restraint of government and people, civil disturbances, explosions, breakage or accidents to machinery, pipelines or canals, partial or entire failure of water necessary for operation of the sewer system, or of the District to receive waste, and any other inabilities of either party, whether similar to those enumerated or otherwise, which are not within the control of either party, which either party could not have avoided by the exercise of due diligence and care. It is understood and agreed that the settlement of strikes and lockouts shall be entirely within the discretion of either party, and that the above requirement that any force majeure shall be remedied with all reasonable dispatch shall not require the settlement of strikes and lockouts by acceding to the demand of the opposing party or parties when such settlement is unfavorable to it in the judgment of the affected party.

4.08. Merger. The Agreement constitutes the entire agreement between the parties.

4.09. Notice. All notices provided or permitted to be given under this Agreement must be in writing and may be served by depositing same in the United States mail, addressed to the Party to be notified, postage prepaid and registered or certified with return receipt requested, by delivering the same in person to such Party; or by facsimile copy transmission. Notice given by mail shall be effective upon deposit in the United States mail. Notice given in any other manner shall be effective upon receipt at the address of the addressee. For purposes of notice, the addresses of the Parties shall be as follows:

If to the District: Polk County Fresh Water Supply District No. 2
P.O. Box 2250
Onalaska, Texas 77360-2250
Attn.: Shannon Goins, District Operator

If to RLS RLS Underground
P.O. Box 21630
Onalaska, TX 77360
Attn: Misty Benningfield

Any Party hereto may change its address for notice by giving three (3) days prior written notice to the other Party.

[THE REMAINDER OF THIS PAGE LEFT INTENTIONALLY BLANK.]
IN WITNESS WHEREOF, the District and RLS have caused their names to be hereunto subscribed.

DISTRICT:

POLK COUNTY FRESH WATER SUPPLY DISTRICT NO. 2

By: ____________________________
    President, Board of Supervisors

ATTEST:

By: ____________________________
    Secretary, Board of Supervisors

RLS:

RLS Underground

By: ____________________________
Name: Misty Benningfield
Title: C.F.O.
MUNICIPAL WASTE DISPOSAL AGREEMENT

THE STATE OF TEXAS §

COUNTY OF POLK §

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WHEREAS, the District and RLS desire to enter into an agreement stipulating the terms for by which RLS will dispose of municipal waste in the WWTP.

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The District as a Certificate Holder with correct mailing address;

Insured’s name, which must match that on this Agreement;

Companies affording each coverage, policy dates of each coverage, all coverage’s and limits described herein, and signature of authorized representative of insurance company;

Producer of the Certificate with correct address, phone, and fax listed;

Page 2 of 6
Certificate Holder has been named as an Additional Insured with respect to the Commercial General, Auto Liability, and all other liability policies described herein;

The Commercial General and Auto Liability policies described are primary respect to the Additional Insured;

Waivers of Subrogation in favor of Certificate Holder on Commercial General, Auto Liability, and Workers’ Compensation policies;

The Commercial General and Auto Liability policies described provide the severability of interest (gross liability) provision applicable to the named Insured and the Certificate Holder;

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<td>Disease - Policy Limit</td>
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<tr>
<td>Disease - Each Employee</td>
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</tbody>
</table>

COMMERCIAL GENERAL LIABILITY

Required Minimum Limits are:

- General Aggregate $1,000,000
- Products/Completed Operations Aggregate $1,000,000
- Each Occurrence $500,000
- Fire Damage $50,000
- Medical Expense $5,000

AUTOMOBILE LIABILITY

Including:

- Combined Single Limit $1,000,000
- Owned
3.02. **INDEMNIFICATION.** TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, MLS SHALL INDEMNIFY, PROTECT, DEFEND, AND HOLD HARMLESS THE DISTRICT AND ITS RESPECTIVE OFFICIALS, OFFICERS, SUPERVISORS, AGENTS AND EMPLOYEES (COLLECTIVELY, THE “INDEMNITEES”) FROM AND AGAINST ANY AND ALL CLAIMS, DAMAGES, LOSSES, LIABILITIES, COSTS, FINES, LIENS, CAUSES OF ACTION, SUITS, JUDGMENTS, PENALTIES, AND EXPENSES, [INCLUDING ATTORNEY FEES AND COURT COSTS], OF ANY NATURE, KIND OR DESCRIPTION MADE OR ASSERTED BY ANY PERSON OR ENTITY RESULTING FROM MLS DISPOSING OF MUNICIPAL WASTE INTO THE WWTP AS CONTEMPLATED BY THIS AGREEMENT, EVEN THOUGH CAUSED IN PART BY THE NEGLIGENCE, WHETHER JOINT OR CONCURRENT, GROSS NEGLIGENCE, STRICT LIABILITY OR OTHER LEGAL FAULT OF THE DISTRICT OR ANY OTHER INDEMNITEE. IT IS THE EXPRESS INTENTION OF MLS TO INDEMNIFY THE INDEMNITEES FROM THE CONSEQUENCES OF THEIR NEGLIGENCE.

**ARTICLE IV**

**MISCELLANEOUS**

4.01. **Severability.** The provisions of this Agreement are severable, and if any provision or part of this Agreement or the application thereof to any person or circumstance shall ever be held by any court of competent jurisdiction to be invalid or unconstitutional for any reason, the remainder of this Agreement and the application of such provision or part of this Agreement to other persons or circumstances shall not be affected thereby.

4.02. **Modification.** This Agreement shall be subject to change or modification only with the written consent of the parties hereto.

4.03. **Assignability.** This Agreement shall not be assignable.

4.04. **Captions.** The captions appearing at the first of each numbered section or paragraph in this Agreement shall never be considered or given any effect in construing this Agreement.

4.05. **Applicable Law.** This Agreement shall be governed by, and construed in accordance with the laws of the State of Texas.

4.06. **Parties at Interest.** This Agreement shall be for the sole and exclusive benefit of the parties hereto and shall never be construed to confer any benefit to any third party.

4.07. **Force Majeure.** If either party is rendered unable, wholly or in part, by force majeure to carry out any of its obligations under this Agreement, then the obligations of either party to the extent affected by such force majeure and to the extent that due diligence is being used to resume performance at the earliest practicable time, shall be suspended during the
continuance of any inability so caused to the extent provided but for no longer period. Such cause, as far as possible, shall be remedied with all reasonable diligence. The term "force majeure", as used herein, shall include, without limitation of the generality thereof, acts of God, strikes, lockouts, or other industrial disturbances, acts of the public enemy, orders of any kind of the Government of the United States or of the State of Texas or any civil or military authority, insurrections, riots, epidemics, landslides, lightning, earthquakes, fires, hurricanes, storms, floods, washouts, droughts, arrests, restraint of government and people, civil disturbances, explosions, breakage or accidents to machinery, pipelines or canals, partial or entire failure of water necessary for operation of the sewer system, or of the District to receive waste, and any other inabilities of either party, whether similar to those enumerated or otherwise, which are not within the control of either party, which either party could not have avoided by the exercise of due diligence and care. It is understood and agreed that the settlement of strikes and lockouts shall be entirely within the discretion of either party, and that the above requirement that any force majeure shall be remedied with all reasonable dispatch shall not require the settlement of strikes and lockouts by acceding to the demand of the opposing party or parties when such settlement is unfavorable to it in the judgment of the affected party.

4.08. Merger. The Agreement constitutes the entire agreement between the parties.

4.09. Notice. All notices provided or permitted to be given under this Agreement must be in writing and may be served by depositing same in the United State mail, addressed to the Party to be notified, postage prepaid and registered or certified with return receipt requested; by delivering the same in person to such Party; or by facsimile copy transmission. Notice given by mail shall be effective upon deposit in the United States mail. Notice given in any other manner shall be effective upon receipt at the address of the addressee. For purposes of notice, the addresses of the Parties shall be as follows:

If to the District: Polk County Fresh Water Supply District No. 2
P.O. Box 2250
Onalaska, Texas 77360-2250
Attn.: Shannon Goins, District Operator

If to RLS
RLS Underground
P.O. Box 2130
Onalaska, TX 77360
Attn: Misty Benningfield

Any Party hereto may change its address for notice by giving three (3) days prior written notice to the other Party.

[THE REMAINDER OF THIS PAGE LEFT INTENTIONALLY BLANK.]
CERTIFICATE OF LIABILITY INSURANCE

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE INSURING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed.

IF SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER: Michael Farmer Insurance Agency
317 W. Sherman
Livingston, TX 77351

CONTACT NAME: Sheri Duncan
PHONE: (936) 327-7735
FAX: (936) 327-6411
EMAIL: sheri@mfarmerinsurance.com

INSURED: Doug Richey - RLS Pumping LLC
PO Box 2630
Onalaska, TX 77360

INSURER AFFORING COVERAGE:

<table>
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<tr>
<th>INSURER</th>
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<tbody>
<tr>
<td>Atlantic Casualty</td>
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<td>Evanston Insurance Company</td>
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<td>Progressive</td>
<td>24260</td>
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<tr>
<td>Scottsdale</td>
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<tr>
<td>Texas Mutual</td>
<td>23945</td>
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COVERAGES

1. COMMERCIAL GENERAL LIABILITY:
   - CLAIMS-MADE: $2,000,000
   - OCCUR: $2,000,000

   EACH OCCURRENCE LIMIT $2,000,000
   DAMAGES TO RENTED PERSONAL PROPERTY $300,000
   MEDICAL EXPENSE $5,000
   PERSONAL AND ADJUDICATED $2,000,000
   GENERAL LIABILITY $2,000,000
   BUSINESS OR CONTRACT OR OTHER $1,000,000
   LIABILITY $1,000,000
   COMBINED SINGLE LIMIT (A or C) $1,000,000
   WORKER'S COMPENSATION $5,000
   PUBLIC LIABILITY $5,000
   EACH OCCURRENCE LIMIT $2,000,000
   AGGREGATE LIMIT $2,000,000

2. AUTOMOBILE LIABILITY:
   - ANY AUTO $2,000,000
   - OWNED AUTOS ONLY $2,000,000
   - SCHEDULED AUTOS NON-OWNED $2,000,000

   EACH OCCURRENCE LIMIT $2,000,000
   AGGREGATE LIMIT $2,000,000

3. UMBRELLA LIABILITY:
   - OCCUR CLAIMS-MADE $2,000,000
   - EACH OCCURRENCE LIMIT $2,000,000
   - AGGREGATE LIMIT $2,000,000

4. WORKERS' COMPENSATION:
   - EACH OCCURRENCE LIMIT $1,000,000
   - AGGREGATE LIMIT $1,000,000
   - S.L. EACH OCCURRENCE $1,000,000
   - S.L. DISEASE - POLICY LIMIT $1,000,000
   - S.L. DISEASE - EMPLOYEE $1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101) Additional Remarks Schedule, may be attached if more space is required.

CERTIFICATE HOLDER:

CANCELLATION:

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE:

© 1968-2015 ACORD CORPORATION. All rights reserved.
CERTIFICATE OF LIABILITY INSURANCE

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFER NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER
Michael Farmer Insurance Agency
317 W. Sherman
Livingston TX 77351-

INSURED
Doug Richey - RLS Underground LLC
RLS Underground LLC
PO Box 2830
Chalaska TX 77360-

CONTACT
NAME: Sheri Duncan
PHONE (936)327-7735 FAX (936)327-5411
EMAIL sheri@mfarmerinsurance.com

INSURERS AFFORDING COVERAGE

| INSURER A | Atlantic Casualty |
| NAIC # | 42846 |
| INSURER B | Evanston Insurance Company |
| NAIC # | 26537 |
| INSURER C | Progressive |
| NAIC # | 24260 |
| INSURER D | Scottsdale |
| NAIC # | 41207 |
| INSURER E | Texas Mutual |
| NAIC # | 22345 |

COVERAGES

COVERAGE NUMBER: 0002010917

A COMMERCIAL GENERAL LIABILITY

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<td>DAMAGE TO RENTED PREMISES (EXC. OCCURRENCE)</td>
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<td>MED EXP (Any person)</td>
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<td>PERSONAL &amp; ADJ INJURY</td>
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C AUTOMOBILE LIABILITY

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<tr>
<td>BODILY INJURY (Per accident)</td>
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<tr>
<td>PROPERTY DAMAGE (Ex. Accident)</td>
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D UMBRELLA LIABILITY

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<td>AGGREGATE</td>
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E WORKERS COMPENSATION AND EMPLOYERS' LIABILITY

N/A

F POLLUTION

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DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 191), Additional Remarks Schedule, may be attached if more space is required.

CERTIFICATE HOLDER

CAUTION: ANY OF THE ABOVE DESCRIBED POLICIES IS CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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ATTACHMENT Z.

WWTP REGIONALIZATION LETTER
May 8, 2024

Livingston Lagoon Ranch, LLC
3302 Carolina Way
Richmond, Texas 77406-9680

RE: Accepting Additional Wastewater Flow

To Whom It May Concern:

Kimley-Horn and Associates Inc. is currently preparing a major amendment application for the expansion of an existing wastewater treatment plant (WWTP) in San Jacinto County. The existing WWTP will be re-sized to treat 0.2 million gallons per day (MGD) of wastewater. TCEQ requires applicants for a major amendment Texas Pollutant Discharge Elimination System (TPDES) permit to contact existing WWTPs within three (3) miles of the proposed facility to gauge available capacity. Your referred WWTP is within the radius. Please let us know if you have capacity at your WWTP and are willing to accommodate the required flow, or do not have the capacity to treat the required flow.

Please respond in writing or by indicating below on this letter to specify whether your WWTP in Polk County has available capacity. After you have made the required indication, please respond via email (raul.dominguez@kimley-horn.com) and (alyssa.thomas@kimley-horn.com) or mail (11700 Katy Freeway, Suite 800 Houston, TX 77079).

Thank you for your attention regarding this matter. Please contact me at 346-439-8113 and 346-439-0378 or raul.dominguez@kimley-horn.com and alyssa.thomas@kimley-horn.com if I can offer clarification of these comments.

Very truly yours,

KIMLEY-HORN AND ASSOCIATES, INC.

Raul E. Dominguez, P.E.
Professional Engineer

☐ Yes, our wastewater treatment facility has sufficient capacity, and we are willing to accommodate the specified flow.
   Contact Phone Number: ____________________________

☐ No, our wastewater treatment facility does not have sufficient capacity, or we are unable to accommodate the specified flow.

Name: JUSTIN GRIMES                   Title: ________________

Signature: ____________________________ Date: 5/15/2021
ATTACHMENT R.
SITE DRAWING
ATTACHMENT M.
BUFFER ZONE MAP
ATTACHMENT Y.

NEARBY WASTEWATER TREATMENT FACILITIES MAP