



Administrative Package Cover Page

This file contains the following documents:

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



Portada de Paquete Administrativo

Este archivo contiene los siguientes documentos:

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

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

DOMESTIC WASTEWATER/STORMWATER

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

City of Laredo (CN600131908) operates Penitas Wastewater Treatment Plant (RN105624498), a facility that treats domestic wastewater. The facility is located at approximately 9,865 feet west of the intersection of Fart-to-Market Road 3338 (Las Tiendas) and Rancho Penitas Road, in Laredo, Webb County, Texas 78045.

This renewal application will allow the facility to discharge treated wastewater; the daily average flow of effluent shall not exceed 0.072 million gallons per day (MGD).

Discharges from the facility are expected to contain Biochemical Oxygen Demand (CBOD₅) (5-day), Total Suspended Solids (TSS), and Ammonia Nitrogen (NH₃-N). The municipal wastewater is treated by using a conventional treatment process which includes a bar screen, grit removal, digesters, aeration basin, clarifier, and chlorine contact chamber.

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

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

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

La Ciudad de Laredo (CN600131908) opera la Planta de Tratamiento de Aguas Residuales de Peñitas RN105624498. una planta de tratamiento de aguas residuales domésticas. La instalación está ubicada aproximadamente a 9,865 pies al oeste de la intersección de Farm-to-Market Road 3338 (Las Tiendas) y Rancho Peñitas Road, en Laredo, Condado de Webb, Texas 78045.

Esta solicitud es para la renovación y enmienda para autorizar la descarga de aguas residuales tratadas a un volumen que no exceda un flujo promedio anual de 0.072 millones de galones por día.

Se espera que las descargas de la instalación contengan una demanda bioquímica carbonosa de oxígeno (CBOD₅) de cinco días, sólidos suspendidos totales (TSS) y nitrógeno amoniacal (NH₃-N). Las aguas residuales municipales se tratan mediante el proceso de tratamiento convencional y las unidades de tratamiento incluyen digestores aeróbicos, cuencas de aireación, clarificadores y cuencas de contacto con cloro.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



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

PERMIT NO. WQ0010681007

APPLICATION. City of Laredo, 1110 Houston Street, Laredo, Texas 78040, has applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0010681007 (EPA I.D. No. TX0131776) to authorize the discharge of treated at a volume not to exceed a daily average flow of 72,000 gallons per day. The domestic wastewater treatment facility is located approximately 9,865 feet west of the intersection of Farm-to-Market Road 3338 (Las Tiendas) and Rancho Penitas Road, near the city of Laredo, in Webb County, Texas 78405. The discharge route is from the plant site to an unnamed tributary; thence to Santa Isabel Creek; thence to Rio Grande Below Amistad Reservoir. TCEQ received this application on June 4, 2025. The permit application will be available for viewing and copying at Joe A. Guerra Laredo Public Library, Reference Desk, 1120 East Calton Road, Laredo, in Webb County, Texas prior to the date this notice is published in the newspaper. The application, including any updates, and associated notices are available electronically at the following webpage:

<https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications>. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application.

<https://gisweb.tceq.texas.gov/LocationMapper/?marker=-99.619722,27.676944&level=18>

ALTERNATIVE LANGUAGE NOTICE. Alternative language notice in Spanish is available at:

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

El aviso de idioma alternativo en español está disponible en

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

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

PUBLIC COMMENT / PUBLIC MEETING. You may submit public comments or request a public meeting on this application. The purpose of a public meeting is to provide the opportunity to submit comments or to ask questions about the application. TCEQ will hold a

public meeting if the Executive Director determines that there is a significant degree of public interest in the application or if requested by a local legislator. A public meeting is not a contested case hearing.

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

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

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

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

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

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

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

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

Further information may also be obtained from City of Laredo at the address stated above or by calling Mr. Eliud De Los Santos, P.E., Intern Utilities Director, at 956-721-2000.

Issuance Date: July 2, 2025

Comisión de Calidad Ambiental del Estado de Texas



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

PERMISO NO. WQ0010681007

SOLICITUD. Ciudad de Laredo, 1110 Houston Street, Laredo, Texas 78040, ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para renovar el Permiso No. WQ0010681007 (EPA I.D. No. TX0131776) del Sistema de Eliminación de Descargas de Contaminantes de Texas (TPDES) para autorizar la descarga de aguas residuales tratadas en un volumen que no sobrepasa un flujo promedio diario de 72,000 galones por día. La planta está ubicada aproximadamente a 9,865 pies al oeste de la intersección de la carretera Farm-to-Market 3338 (Las Tiendas) y la carretera Rancho Peñitas, cerca de la ciudad de Laredo, en el Condado de Webb, Texas 78045. La ruta de descarga es del sitio de la planta a un afluente sin nombre; de ahí al arroyo Santa Isabel; y posteriormente al Rio Grande, debajo de la Presa Amistad. La TCEQ recibió esta solicitud el 4 de Junio del 2025. La solicitud para el permiso estará disponible para leerla y copiarla Joe A. Guerra Laredo Public Library, Reference Desk, 1102 East Calton Road, Laredo, in Webb County, Texas antes de la fecha de publicación de este aviso en el periódico. La solicitud (cualquier actualización y aviso inclusive) está disponible electrónicamente en la siguiente página web:

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

Este enlace a un mapa electrónico de la ubicación general del sitio o de la instalación es proporcionado como una cortesía y no es parte de la solicitud o del aviso. Para la ubicación exacta, consulte la solicitud.

<https://gisweb.tceq.texas.gov/LocationMapper/?marker=-99.619722,27.676944&level=18>

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

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

COMENTARIO PUBLICO / REUNION PUBLICA. Usted puede presentar comentarios públicos

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

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

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

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

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

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

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

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

También se puede obtener información adicional de la Ciudad de Laredo a la dirección indicada arriba o llamando a Mr. Eliud De Los Santos, P.E., Interim Utilities Director al 956-721-2000

Fecha de emisión: 2 de julio de 2025



June 03, 2025

Texas Commission on Environmental Quality
Water Quality Division
Applications Review and Processing Team (MC 148)
12100 Park 35 Circle
Austin, TX 78753

RE: Submittal of City of Laredo Domestic Wastewater Permit Renewal Application
Applicant Name: City of Laredo (CN600131908)
TPDES Permit No.: WQ0010681007
Site Name: Penitas Wastewater Treatment Facility (RN109706804)

To Whom It May Concern:

On behalf of the City of Laredo, Ardurra, Inc. submits the enclosed Domestic Wastewater Permit Renewal Application.

If you should have any questions, please do not hesitate to contact me at (361) 866-2143 or ahesseltine@ardurra.com.

Sincerely,
Ardurra Group, Inc.

Amy Hesseltine, P.E.
Environmental Group Leader

TEXAS POLLUTANT DISCHARGE ELIMINATION SYSTEM (TPDES) PERMIT RENEWAL APPLICATION

Prepared for:
CITY OF LAREDO
PENITAS WASTEWATER
TREATMENT FACILITY
PERMIT NO. WQ0010681007

WEBB COUNTY, TEXAS

May 2025

Prepared by:



801 Navigation, Suite 200
Corpus Christi, TX 78408



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST

Complete and submit this checklist with the application.

APPLICANT NAME: City of Laredo

PERMIT NUMBER (If new, leave blank): WQ0010681007

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

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

For TCEQ Use Only

Segment Number _____ County _____
Expiration Date _____ Region _____
Permit Number _____

ADMINISTRATIVE REPORT 1.0



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

**DOMESTIC WASTEWATER PERMIT APPLICATION
ADMINISTRATIVE REPORT 1.0**

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

Section 1. Application Fees (Instructions Page 26)

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

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

Minor Amendment (for any flow) \$150.00 ☐

Payment Information:

Mailed Check/Money Order Number: [Click to enter text.](#)

Check/Money Order Amount: \$515.00

Name Printed on Check: [Click to enter text.](#)

EPAY Voucher Number: 768979

Copy of Payment Voucher enclosed? Yes ☒

Section 2. Type of Application (Instructions Page 26)

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

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

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

- ☒ Active ☐ Inactive

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

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

d. Check the box next to the appropriate application type

- ☐ New
☐ Major Amendment with Renewal
☐ Major Amendment without Renewal
☒ Renewal without changes
☐ Minor Amendment with Renewal
☐ Minor Amendment without Renewal
☐ Minor Modification of permit

e. For amendments or modifications, describe the proposed changes: N/A

f. For existing permits:

Permit Number: WQ0010681007

EPA I.D. (TPDES only): TX 0131776

Expiration Date: November 24, 2025

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

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

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

City of Laredo

(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: 600131908

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

Prefix: Mr.

Last Name, First Name: Neeb, Joseph

Title: City Manager

Credential: N/A

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: N/A

Last Name, First Name: N/A

Title: N/A

Credential: 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 A

Section 4. Application Contact Information (Instructions Page 27)

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

A. Prefix: Mr. Last Name, First Name: De Los Santos, Eliud
Title: Intern Utilities Director Credential: P.E.
Organization Name: City of Laredo
Mailing Address: 5816 Daugherty Ave City, State, Zip Code: Laredo, Texas 78041
Phone No.: 956-721-2000 E-mail Address: edelossant@ci.laredo.tx.us
Check one or both: ☒ Administrative Contact ☒ Technical Contact

B. Prefix: Mrs. Last Name, First Name: Amy Hesseltine
Title: Environmental Group Leader Credential: P.E.
Organization Name: Ardurra Group, Inc
Mailing Address: 801 Navigation Blvd, Suite 300 City, State, Zip Code: Corpus Christi, Texas 78408
Phone No.: 361-883-1984 E-mail Address: ahesseltine@ardurra.com
Check one or both: ☒ Administrative Contact ☒ Technical Contact

Section 5. Permit Contact Information (Instructions Page 27)

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

A. Prefix: Mr Last Name, First Name: de los Santos, Eliud
Title: Intern Utilities Director Credential: P.E.
Organization Name: City of Laredo
Mailing Address: 5816 Daugherty Ave City, State, Zip Code: Laredo, Texas 78041

Phone No.: 956-721-2000

E-mail Address: edelossant@ci.laredo.tx.us

B. Prefix: Mr.

Last Name, First Name: Hernandez, Tomas

Title: Wastewater Treatment Superintendent

Credential: N/A

Organization Name: City of Laredo

Mailing Address: 5816 Daugherty Ave

City, State, Zip Code: Laredo, Texas 78041

Phone No.: 956-721-2000

E-mail Address: thernandez@ci.laredo.tx.us

Section 6. Billing Contact Information (Instructions Page 27)

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

Prefix: Mr.

Last Name, First Name: De Los Santos, Eliud

Title: Intern Utilities Director

Credential: P.E.

Organization Name: City of Laredo

Mailing Address: 5816 Daugherty Ave

City, State, Zip Code: Laredo, Texas 78041

Phone No.: 956-721-2000

E-mail Address: edelossant@ci.laredo.tx.us

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

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

Prefix: Mr.

Last Name, First Name: De Los Santos, Eliud.

Title: Intern Utilities Director

Credential: P.E.

Organization Name: City of Laredo

Mailing Address: 5816 Daugherty Ave

City, State, Zip Code: Laredo, Texas 78041

Phone No.: 956-721-2000

E-mail Address: edelossant@ci.laredo.tx.us

Section 8. Public Notice Information (Instructions Page 27)

A. Individual Publishing the Notices

Prefix: Mrs.

Last Name, First Name: Hesseltine, Amy

Title: Environmental Group Leader Credential: P.E.

Organization Name: Ardurra Group Inc.

Mailing Address: 801 Navigation Blvd. Suite 300
78408

City, State, Zip Code: Corpus Christi, Texas

Phone No.: 361-883-1984

E-mail Address: ahesseltine@ardurra.com

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

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

☒ E-mail Address

☐ Fax

☐ Regular Mail

C. Contact permit to be listed in the Notices

Prefix: Mr.

Last Name, First Name: De Los Santos, Eliud.

Title: Intern Utilities Director

Credential: P.E.

Organization Name: City of Laredo

Mailing Address: 5816 Daugherty Ave

City, State, Zip Code: Laredo, Texas 78041

Phone No.: 956-721-2000

E-mail Address: edelossant@ci.laredo.tx.us

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: Joe A. Guerra Laredo Public Library

Location within the building: First Floor Reference Desk

Physical Address of Building: 1102 E. Calton Rd

City: Laredo

County: Webb

Contact (Last Name, First Name): Maria G. Soliz

Phone No.: 956-795-2400 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. Summary of Application in Plain Language Template

Complete the F. Summary of Application in Plain Language Template (TCEQ Form 20972), also known as the plain language summary or PLS, and include as an attachment.

Attachment: B

G. Public Involvement Plan Form

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

Attachment: N/A

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

A. If the site is currently regulated by TCEQ, provide the Regulated Entity Number (RN) issued to this site. RN 105624498

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):

Penitas Wastewater Treatment Facility

C. Owner of treatment facility: City of Laredo

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

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

Prefix: N/A Last Name, First Name: N/A

Title: N/A Credential: N/A

Organization Name: City of Laredo

Mailing Address: 5816 Daugherty Ave. City, State, Zip Code: Laredo, TX 78041

Phone No.: (956) 721-2000 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

E. Owner of effluent disposal site:

Prefix: N/A

Last Name, First Name: N/A

Title: N/A

Credential: N/A

Organization Name: N/A

Mailing Address: N/A

City, State, Zip Code: N/A

Phone No.: N/A

E-mail Address: N/A

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

Attachment: N/A

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

Prefix: N/A

Last Name, First Name: N/A

Title: N/A

Credential: N/A

Organization Name: N/A

Mailing Address: N/A

City, State, Zip Code: N/A

Phone No.: N/A

E-mail Address: N/A

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

Attachment: N/A

Section 10. TPDES Discharge Information (Instructions Page 31)

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

☒ Yes ☐ No

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

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:

N/A

City nearest the outfall(s): Laredo

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

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 32)

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

☐ Yes ☒ No

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

N/A

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

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

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

N/A

- E. 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 32)

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

☐ Yes ☒ No

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

☐ Yes ☐ No ☒ Not Applicable

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

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 33)

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

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

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

- Applicant's property boundary
- Treatment facility boundary
- Labeled point of discharge for each discharge point (TPDES only)
- Highlighted discharge route for each discharge point (TPDES only)
- Onsite sewage sludge disposal site (if applicable)
- Effluent disposal site boundaries (TLAP only)
- New and future construction (if applicable)
- 1 mile radius information
- 3 miles downstream information (TPDES only)
- All ponds.

☐ Attachment 1 for Individuals as co-applicants

☒ Other Attachments. Please specify: Attachment C

Section 14. Signature Page (Instructions Page 34)

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

Permit Number: WQ0010681007

Applicant: City of Laredo

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):

Signatory title:

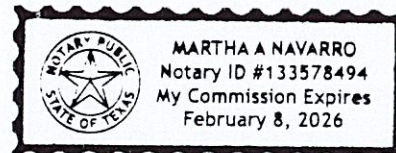
JAC Signature: Joseph W. Webb Date: 6/2/25
(Use blue ink)

Subscribed and Sworn to before me by the said Joseph W. Webb
on this 2nd day of June, 20 25.
My commission expires on the 8th day of Feb., 20 26.

Martha A. Navarro
Notary Public

[SEAL]

Webb
County, Texas



DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

The following information is required for new and amendment applications.

Section 1. Affected Landowner Information (Instructions Page 36)

A. Indicate by a check mark that the landowners map or drawing, with scale, includes the following information, as applicable:

- ☒ The applicant's property boundaries
- ☒ The facility site boundaries within the applicant's property boundaries
- ☒ The distance the buffer zone falls into adjacent properties and the property boundaries of the landowners located within the buffer zone
- ☒ The property boundaries of all landowners surrounding the applicant's property (Note: if the application is a major amendment for a lignite mine, the map must include the property boundaries of all landowners adjacent to the new facility (ponds).)
- ☒ The point(s) of discharge and highlighted discharge route(s) clearly shown for one mile downstream
- ☒ The property boundaries of the landowners located on both sides of the discharge route for one full stream mile downstream of the point of discharge
- ☐ The property boundaries of the landowners along the watercourse for a one-half mile radius from the point of discharge if the point of discharge is into a lake, bay, estuary, or affected by tides
- ☐ The boundaries of the effluent disposal site (for example, irrigation area or subsurface drainfield site) and all evaporation/holding ponds within the applicant's property
- ☐ The property boundaries of all landowners surrounding the effluent disposal site
- ☐ The boundaries of the sludge land application site (for land application of sewage sludge for beneficial use) and the property boundaries of landowners surrounding the applicant's property boundaries where the sewage sludge land application site is located
- ☐ The property boundaries of landowners within one-half mile in all directions from the applicant's property boundaries where the sewage sludge disposal site (for example, sludge surface disposal site or sludge monofill) is located

B. ☒ Indicate by a check mark that a separate list with the landowners' names and mailing addresses cross-referenced to the landowner's map has been provided.

C. ☐ Indicate by a check mark that the landowners list has also been provided as mailing labels in electronic format (Avery 5160).

D. Provide the source of the landowners' names and mailing addresses: Webb County Appraisal

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 38)

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

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

Section 3. Buffer Zone Map (Instructions Page 38)

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

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

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

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

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

- ☒ Yes ☐ No

DOMESTIC WASTEWATER PERMIT APPLICATION

SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

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

Attachment: D

DOMESTIC TECHNICAL REPORT

1.0



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.0

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

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

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

A. Existing/Interim I Phase

Design Flow (MGD): 0.072

2-Hr Peak Flow (MGD): 0.301

Estimated construction start date: Existing

Estimated waste disposal start date: 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): N/A

2-Hr Peak Flow (MGD): N/A

Estimated construction start date: N/A

Estimated waste disposal start date: N/A

D. Current Operating Phase

Provide the startup date of the facility: 12/01/2010

Section 2. Treatment Process (Instructions Page 42)

A. Current Operating Phase

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

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

Wastewater is pumped to a bar screen, then flows to aeration basin, thence to clarifier, thence to chlorine contact basin, thence to discharge point. Sludge is wasted to the aerobic digesters and then is hauled to the South Laredo WWTP for further processing or to the City of Laredo Landfill for disposal.

B. Treatment Units

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

Table 1.0(1) - Treatment Units

Treatment Unit Type	Number of Units	Dimensions (L x W x D)
Aeration Basin	1	46' L x 19' W x 16' D
Clarifier	1	22' Dia x 12' SWD
Aerobic Digester	2	10' L x 12' W x 14' D
Chlorine Contact Basin	1	20' L x 4' W x 7' D

C. Process Flow Diagram

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

Attachment: E

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

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

- Latitude: 27° 40' 34"
- Longitude: -99° 37' 33"

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

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

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

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

Attachment: F

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

Colonia/Ranchos Penitas West-2.1 square miles; Population 420 (2023 Census); Los
Minerales Colonia - 1.1 square miles; Population 20 (2023 Census); Pinto Valle Industrial
Park - 0.5 square miles; Flow ADF calculated on the area 15,608 gallons

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

Collection System Information

Collection System Name	Owner Name	Owner Type	Population Served
City of Laredo Sanitary Sewer Collection Sytem	City of Laredo	Publicly Owned	
		Choose an item.	
		Choose an item.	
		Choose an item.	

Section 4. Unbuilt Phases (Instructions Page 44)

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

N/A

Section 5. Closure Plans (Instructions Page 44)

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

N/A

Section 6. Permit Specific Requirements (Instructions Page 44)

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

A. Summary transmittal

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

☒ Yes ☐ No

If **yes**, provide the date(s) of approval for each phase: 5/27/2009

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.

N/A

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*.

N/A

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.

N/A

3. Grit disposal

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

☐ Yes ☐ No

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

Describe the method of grit disposal.

N/A

4. Grease and decanted liquid disposal

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

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

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 [Click to enter text.](#) or TXRNE [AQ84](#)

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

☐ Yes ☐ No

3. Conditional exclusion

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

☐ Yes ☒ No

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

N/A

4. Existing coverage in individual permit

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

☐ Yes ☒ No

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

N/A

5. Zero stormwater discharge

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

☐ Yes ☒ No

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

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, attach a Sewage Sludge Solids Management Plan. See Example 5 in the instructions.
[Click to enter text.](#)

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

1. Acceptance of sludge from other WWTPs

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

☐ Yes ☒ No

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

In addition, provide the date the plant started or is anticipated to start accepting sludge, an estimate of monthly sludge acceptance (gallons or millions of gallons), an estimate of the BOD₅ concentration of the sludge, and the design BOD₅ concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.

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 the date the plant started or is anticipated to start accepting septic waste, an estimate of monthly septic waste acceptance (gallons or millions of gallons), an estimate of the BOD₅ concentration of the septic waste, and the design BOD₅ concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.

N/A

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

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

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

☐ Yes ☒ No

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

N/A

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

Is the facility in operation?

☒ Yes ☐ No

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

If **yes**, provide effluent analysis data for the listed pollutants. **Wastewater treatment facilities** complete Table 1.0(2). **Water treatment facilities** discharging filter backwash water, complete Table 1.0(3). Provide copies of the laboratory results sheets. **These tables are not applicable for a minor amendment without renewal.** See the instructions for guidance.

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

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

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
CBOD ₅ , mg/l	<3.0	<3.0	1	Grab	05/16/2025 at 11:31
Total Suspended Solids, mg/l	<11	<11	1	Grab	05/21/2025 at 15:58
Ammonia Nitrogen, mg/l	40	40	1	Grab	05/20/2025 at 22:19
Nitrate Nitrogen, mg/l	0.33	0.33	1	Grab	05/15/2025 at 17:02
Total Kjeldahl Nitrogen, mg/l	38	38	1	Grab	05/21/2025 at 13:44
Sulfate, mg/l	220	220	1	Grab	05/15/2025 at 17:02
Chloride, mg/l	140	140	1	Grab	05/15/2025 at 17:02
Total Phosphorus, mg/l	2.9	2.9	1	Grab	05/21/2025 at 22:31
pH, standard units	7.9	7.9	1	Grab	05/21/2025 at 10:26
Dissolved Oxygen*, mg/l	11	11	1	Grab	05/18/2025 at 13:28
Chlorine Residual, mg/l	0.59	0.59	1	Grab	05/21/2025 at 12:05
<i>E.coli</i> (CFU/100ml) freshwater	2.0	3.1	2	Grab	05/15/2025 at 13:28
Enterococci (CFU/100ml) saltwater	N/A	N/A	N/A	N/A	N/A
Total Dissolved Solids, mg/l	1300	1300	1	Grab	05/20/2025 at 10:20
Electrical Conductivity, µmohs/cm, †	1400	1400	1	Grab	05/22/2025 at 10:22
Oil & Grease, mg/l	<1.6	<1.6	1	Grab	05/21/25 at 08:38
Alkalinity (CaCO ₃)*, mg/l	230	230	1	Grab	05/16/2025 at 17:50

*TPDES permits only

†TLAP permits only

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

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
Total Suspended Solids, mg/l	N/A	N/A	N/A	N/A	N/A
Total Dissolved Solids, mg/l	N/A	N/A	N/A	N/A	N/A

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

Section 8. Facility Operator (Instructions Page 49)

Facility Operator Name: Mr. Tomas Hernandez

Facility Operator's License Classification and Level: Wastewater Treatment Operator "Class A"

Facility Operator's License Number: WW00514118

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

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

Check all that apply. See instructions for guidance

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

B. WWTP's Sewage Sludge or Biosolids Treatment Process

Check all that apply. See instructions for guidance.

- ☒ Aerobic Digestion
- ☐ Air Drying (or sludge drying beds)
- ☐ Lower Temperature Composting
- ☐ Lime Stabilization
- ☐ Higher Temperature Composting
- ☐ Heat Drying
- ☐ Thermophilic Aerobic Digestion
- ☐ Beta Ray Irradiation
- ☐ Gamma Ray Irradiation
- ☐ Pasteurization
- ☐ Preliminary Operation (e.g. grinding, de-gritting, blending)

- ☐ Thickening (e.g. gravity thickening, centrifugation, filter press, vacuum filter)
- ☐ Sludge Lagoon
- ☐ Temporary Storage (< 2 years)
- ☐ Long Term Storage (>= 2 years)
- ☐ Methane or Biogas Recovery
- ☐ Other Treatment Process: [Click to enter text.](#)

C. Sewage Sludge or Biosolids Management

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

Biosolids Management

Management Practice	Handler or Preparer Type	Bulk or Bag Container	Amount (dry metric tons)	Pathogen Reduction Options	Vector Attraction Reduction Option
Disposal in Landfill	On-Site Owner or Operator	Bulk	N/A	N/A: Disposal in Landfill	N/A: Disposal in Landfill
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.

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

D. Disposal site

Disposal site name: City of Laredo Landfill*, South Laredo Wastewater Treatment Plant**

TCEQ permit or registration number: 1693*, WQ0010681003**

County where disposal site is located: Webb

E. Transportation method

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

Name of the hauler: City of Laredo

Hauler registration number: 21804

Sludge is transported as a:

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

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

A. Beneficial use authorization

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

☐ Yes ☐ No

B. Sludge processing authorization

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

Sludge Composting	☐ Yes	☒ No
Marketing and Distribution of Biosolids	☐ Yes	☒ No
Sludge Surface Disposal or Sludge Monofill	☐ Yes	☒ No
Temporary storage in sludge lagoons	☐ Yes	☒ No

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

☐ Yes ☐ No

Section 11. Sewage Sludge Lagoons (Instructions Page 53)

Does this facility include sewage sludge lagoons?

☐ Yes ☒ No

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

A. Location information

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

- Original General Highway (County) Map:
Attachment: 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 1×10^{-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 (Instructions Page 54)

A. Additional authorizations

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

☒ Yes ☐ No

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

Reclaimed Water Use Authorization No. R10681007

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:

N/A

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

A. RCRA hazardous wastes

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

☐ Yes ☒ No

B. Remediation activity wastewater

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

☐ Yes ☒ No

C. Details about wastes received

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

Attachment: N/A

Section 14. Laboratory Accreditation (Instructions Page 55)

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

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

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

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

CERTIFICATION:

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

Printed Name: Joseph W. Neeb

Title: City Manager

Signature: _____

Date: _____

Joseph W. Neeb
6/2/25

DOMESTIC WORKSHEET 2.0

DOMESTIC WASTEWATER PERMIT APPLICATION

WORKSHEET 2.0: RECEIVING WATERS

The following information is required for all TPDES permit applications.

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

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

☐ Yes ☒ No

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

Owner of the drinking water supply: 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 63)

Does the facility discharge into tidally affected waters?

☐ Yes ☒ No

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

A. Receiving water outfall

Width of the receiving water at the outfall, in feet: N/A

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 63)

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

☐ Yes ☒ No

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

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

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

Name of the immediate receiving waters: Unnamed Tributary of Santa Isabel Creek

A. Receiving water type

Identify the appropriate description of the receiving waters.

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

Surface area, in acres: Click to enter text.

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

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

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

B. Flow characteristics

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

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

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

- ☐ USGS flow records
- ☐ Historical observation by adjacent landowners
- ☒ Personal observation
- ☐ Other, specify: Click to enter text.

C. Downstream perennial confluences

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

None

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.

N/A

E. Normal dry weather characteristics

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

Normally a dry stream bed

Date and time of observation: April 29, 2025, 11:30 AM

Was the water body influenced by stormwater runoff during observations?

☐ Yes ☒ No

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

A. Upstream influences

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

☐ Oil field activities

☐ Urban runoff

☐ Upstream discharges

☒ Agricultural runoff

☐ Septic tanks

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

B. Waterbody uses

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

- | | |
|--|--|
| ☒ Livestock watering | ☐ Contact recreation |
| ☐ Irrigation withdrawal | ☐ Non-contact recreation |
| ☐ Fishing | ☐ Navigation |
| ☐ Domestic water supply | ☐ Industrial water supply |
| ☐ Park activities | ☐ Other(s), specify: Click to enter text. |

C. Waterbody aesthetics

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

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

DOMESTIC WORKSHEET 6.0

DOMESTIC WASTEWATER PERMIT APPLICATION

WORKSHEET 6.0: INDUSTRIAL WASTE CONTRIBUTION

The following is required for all publicly owned treatment works.

Section 1. All POTWs (Instructions Page 87)

A. Industrial users (IUs)

Provide the number of each of the following types of industrial users (IUs) that discharge to your POTW and the daily flows from each user. See the Instructions for definitions of Categorical IUs, Significant IUs – non-categorical, and Other IUs.

If there are no users, enter 0 (zero).

Categorical IUs:

Number of IUs: 0

Average Daily Flows, in MGD: 0

Significant IUs – non-categorical:

Number of IUs: 0

Average Daily Flows, in MGD: 0

Other IUs:

Number of IUs: 0

Average Daily Flows, in MGD: 0

B. Treatment plant interference

In the past three years, has your POTW experienced treatment plant interference (see instructions)?

☐ Yes ☒ No

If yes, identify the dates, duration, description of interference, and probable cause(s) and possible source(s) of each interference event. Include the names of the IUs that may have caused the interference.

N/A

C. Treatment plant pass through

In the past three years, has your POTW experienced pass through (see instructions)?

☐ Yes ☒ No

If **yes**, identify the dates, duration, a description of the pollutants passing through the treatment plant, and probable cause(s) and possible source(s) of each pass through event. Include the names of the IUs that may have caused pass through.

N/A

D. Pretreatment program

Does your POTW have an approved pretreatment program?

☒ Yes ☐ No

If **yes**, complete Section 2 only of this Worksheet.

Is your POTW required to develop an approved pretreatment program?

☐ Yes ☐ No

If **yes**, complete Section 2.c. and 2.d. only, and skip Section 3.

If **no to either question above**, skip Section 2 and complete Section 3 for each significant industrial user and categorical industrial user.

Section 2. POTWs with Approved Programs or Those Required to Develop a Program (Instructions Page 87)

A. Substantial modifications

Have there been any **substantial modifications** to the approved pretreatment program that have not been submitted to the TCEQ for approval according to *40 CFR §403.18*?

☐ Yes ☒ No

If **yes**, identify the modifications that have not been submitted to TCEQ, including the purpose of the modification.

N/A

B. Non-substantial modifications

Have there been any **non-substantial modifications** to the approved pretreatment program that have not been submitted to TCEQ for review and acceptance?

☐ Yes ☒ No

If yes, identify all non-substantial modifications that have not been submitted to TCEQ, including the purpose of the modification.

N/A

C. Effluent parameters above the MAL

In Table 6.0(1), list all parameters measured above the MAL in the POTW’s effluent monitoring during the last three years. Submit an attachment if necessary.

Table 6.0(1) – Parameters Above the MAL

Pollutant	Concentration	MAL	Units	Date
See Attached Appendix G				

D. Industrial user interruptions

Has any SIU, CIU, or other IU caused or contributed to any problems (excluding interferences or pass throughs) at your POTW in the past three years?

☐ Yes ☒ No

If yes, identify the industry, describe each episode, including dates, duration, description of the problems, and probable pollutants.

N/A

Section 3. Significant Industrial User (SIU) Information and Categorical Industrial User (CIU) (Instructions Page 88)

A. General information

Company Name: N/A

SIC Code: N/A

Contact name: N/A

Address: N/A

City, State, and Zip Code: N/A

Telephone number: N/A

Email address: N/A

B. Process information

Describe the industrial processes or other activities that affect or contribute to the SIU(s) or CIU(s) discharge (i.e., process and non-process wastewater).

N/A

C. Product and service information

Provide a description of the principal product(s) or services performed.

N/A

D. Flow rate information

See the Instructions for definitions of “process” and “non-process wastewater.”

Process Wastewater:

Discharge, in gallons/day: N/A

Discharge Type: ☐ Continuous ☐ Batch ☐ Intermittent

Non-Process Wastewater:

Discharge, in gallons/day: N/A

Discharge Type: ☐ Continuous ☐ Batch ☐ Intermittent

E. Pretreatment standards

Is the SIU or CIU subject to technically based local limits as defined in the instructions?

☐ Yes ☐ No

Is the SIU or CIU subject to categorical pretreatment standards found in *40 CFR Parts 405-471*?

☐ Yes ☐ No

If subject to categorical pretreatment standards, indicate the applicable category and subcategory for each categorical process.

Category: Subcategories: N/A

Click or tap here to enter text. N/A

Category: N/A

Subcategories: N/A

Category: N/A

Subcategories: N/A

Category: N/A

Subcategories: N/A

Category: N/A

Subcategories: N/A

F. Industrial user interruptions

Has the SIU or CIU caused or contributed to any problems (e.g., interferences, pass through, odors, corrosion, blockages) at your POTW in the past three years?

☐ Yes ☐ No

If yes, identify the SIU, describe each episode, including dates, duration, description of problems, and probable pollutants.

N/A

CITY OF LAREDO
PENITAS WASTEWATER TREATMENT PLANT
TPDES PERMIT RENEWAL APPLICATION

TABLE OF ATTACHMENTS

No. **Description**

- | | |
|---|--|
| A | Core Data Form (10400) |
| B | Plain Language Summary for TPDES or TLAP Permit Applications |
| C | General Location Map |
| D | Supplemental Permit Information Form (SPIF) |
| E | Process Flow Diagram |
| F | Pollutant Analysis of Treated Effluent |
| G | Effluent Parameters above the MAL |
| H | Sludge Transportation Agreement |
| I | TCEQ ePAY Receipt |

**ATTACHMENT A:
CORE DATA FORM (10400)**



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	
2. Customer Reference Number (if issued)	Follow this link to search for CN or RN numbers in Central Registry**	3. Regulated Entity Reference Number (if issued)
CN 600131908		RN 105624498

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)			
☐ 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)					
<i>The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).</i>					
6. Customer Legal Name (If an individual, print last name first: eg: Doe, John)				<i>If new Customer, enter previous Customer below:</i>	
City of Laredo					
7. TX SOS/CPA Filing Number		8. TX State Tax ID (11 digits)		9. Federal Tax ID (9 digits)	10. DUNS Number (if applicable)
N/A		N/A		N/A	N/A
11. Type of Customer:		☐ Corporation		☐ Individual	Partnership: ☐ General ☐ Limited
Government: ☒ City ☐ County ☐ Federal ☐ Local ☐ State ☐ Other		☐ Sole Proprietorship		☐ Other:	
12. Number of Employees				13. Independently Owned and Operated?	
☐ 0-20 ☐ 21-100 ☐ 101-250 ☐ 251-500 ☒ 501 and higher				☐ 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:	1110 Houston Street				
	City	Laredo	State	TX	ZIP 78040 ZIP + 4 8019
16. Country Mailing Information (if outside USA)				17. E-Mail Address (if applicable)	
N/A				jneeb@ci.laredo.tx.us	

18. Telephone Number	19. Extension or Code	20. Fax Number (if applicable)
(956) 791-7302		(956) 791-7498

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								
<i>The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).</i>								
22. Regulated Entity Name (Enter name of the site where the regulated action is taking place.)								
Penitas Wastewater Treatment Facility								
23. Street Address of the Regulated Entity: (No PO Boxes)	N/A							
	City		State		ZIP		ZIP + 4	
24. County	Webb							

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

25. Description to Physical Location:	Approximately 9,865 ft west of the intersection of FM 3338 (Las Tiendas) and Rancho Penitas Rd							
26. Nearest City	State				Nearest ZIP Code			
Laredo	TX				78405			
<i>Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).</i>								
27. Latitude (N) In Decimal:		27.6765			28. Longitude (W) In Decimal:		-99.6257	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds			
27	40	35.4	-99	37	32.52			
29. Primary SIC Code (4 digits)	30. Secondary SIC Code (4 digits)		31. Primary NAICS Code (5 or 6 digits)			32. Secondary NAICS Code (5 or 6 digits)		
4952	N/A		221320			N/A		
33. What is the Primary Business of this entity? (Do not repeat the SIC or NAICS description.)								
The facility treats domestic wastewater.								
34. Mailing Address:	5816 Daugherty Ave							
	City	Laredo	State	TX	ZIP	78041	ZIP + 4	3337
35. E-Mail Address:	edelossant@ci.laredo.tx.us							
36. Telephone Number	37. Extension or Code				38. Fax Number (if applicable)			
(956) 721-2000					(956) 721-2001			

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.

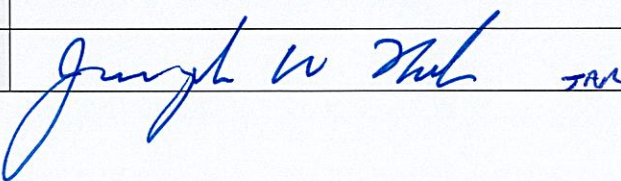
☐ Dam Safety	☐ Districts	☐ Edwards Aquifer	☐ Emissions Inventory Air	☐ Industrial Hazardous Waste
☐ Municipal Solid Waste	☐ New Source Review Air	☐ OSSF	☐ Petroleum Storage Tank	☐ PWS
☐ Sludge	☒ Storm Water	☐ Title V Air	☐ Tires	☐ Used Oil
	TXRNEAQ84			
☐ Voluntary Cleanup	☒ Wastewater	☐ Wastewater Agriculture	☐ Water Rights	☐ Other:
	WQ0010681007			
	R10681007			

SECTION IV: Preparer Information

40. Name:	Amy Hesseltine, PE	41. Title:	Environmental Group Leader
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
(361) 883-1984		() -	ahesseltine@ardurra.com

SECTION V: Authorized Signature

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

Company:	City of Laredo	Job Title:	City Manager
Name (In Print):	Joseph Neeb	Phone:	(956) 791- 7302
Signature:		Date:	6/2/25

**ATTACHMENT B:
PLAIN LANGUAGE SUMMARY FOR
TPDES OR TLAP PERMIT APPLICATIONS**

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

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

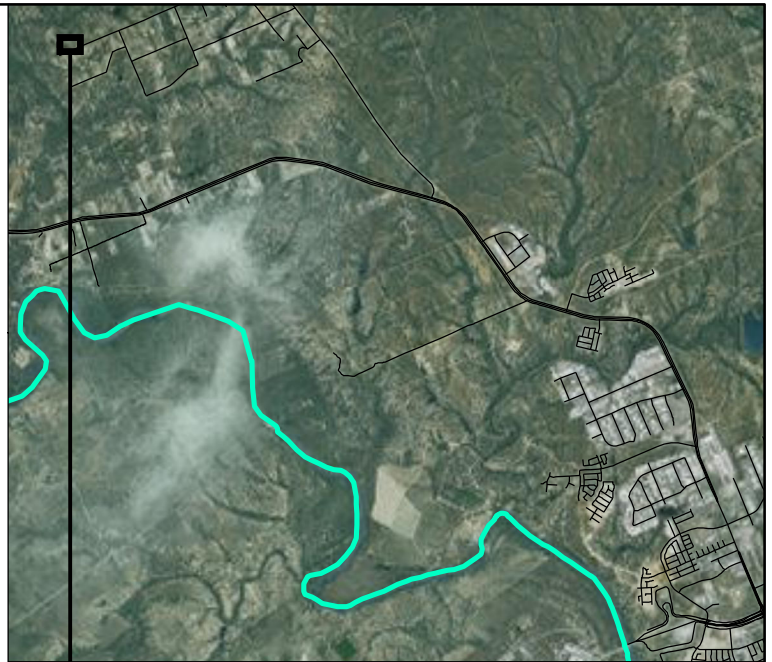
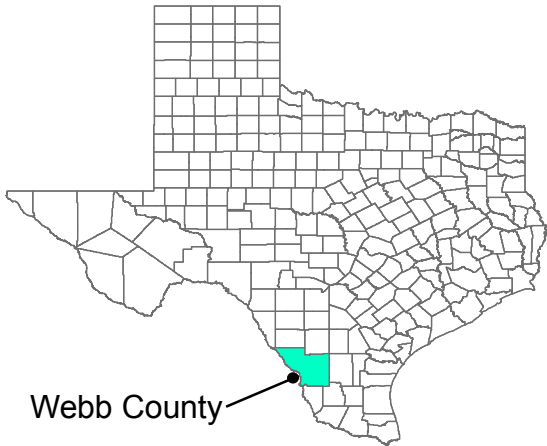
El siguiente resumen se proporciona para esta solicitud de permiso de calidad del agua pendiente que está siendo revisada por la Comisión de Calidad Ambiental de Texas según lo requerido por el Capítulo 39 del Código Administrativo de Texas 30. La información proporcionada en este resumen puede cambiar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

La Ciudad de Laredo (CN600131908) opera la Planta de Tratamiento de Aguas Residuales de Peñitas RN105624498. una planta de tratamiento de aguas residuales domésticas. La instalación está ubicada aproximadamente a 9,865 pies al oeste de la intersección de Farm-to-Market Road 3338 (Las Tiendas) y Rancho Peñitas Road, en Laredo, Condado de Webb, Texas 78045.

Esta solicitud es para la renovación y enmienda para autorizar la descarga de aguas residuales tratadas a un volumen que no exceda un flujo promedio anual de 0.072 millones de galones por día.

Se espera que las descargas de la instalación contengan una demanda bioquímica carbonosa de oxígeno (CBOD₅) de cinco días, sólidos suspendidos totales (TSS) y nitrógeno amoniacal (NH₃-N). Las aguas residuales municipales se tratan mediante el proceso de tratamiento convencional y las unidades de tratamiento incluyen digestores aeróbicos, cuencas de aireación, clarificadores y cuencas de contacto con cloro.

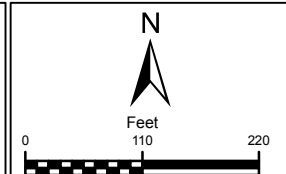
**ATTACHMENT C:
GENERAL LOCATION MAP**



\\nserv001\Projects\LaMedist\60655-WWTP\TPDES Renewal\000\Drawings\Exhibits\Penitas Site Drawing.mxd



Attachment C: General Location Map
City of Laredo
Penitas WWTP
TPDES Permit Renewal
Application



ATTACHMENT D:
SUPPLEMENTAL PERMIT
INFORMATION FORM
(SPIF)

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

FOR AGENCIES REVIEWING DOMESTIC OR INDUSTRIAL TPDES WASTEWATER PERMIT APPLICATIONS

TCEQ USE ONLY:

Application type: ____Renewal ____Major Amendment ____Minor Amendment ____New

County: _____ Segment Number: _____

Admin Complete Date: _____

Agency Receiving SPIF:

____ Texas Historical Commission

____ U.S. Fish and Wildlife

____ Texas Parks and Wildlife Department

____ U.S. Army Corps of Engineers

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

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

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

The following applies to all applications:

1. Permittee: City of Laredo

Permit No. WQ00 10681007

EPA ID No. TX 0131776

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

Located approximately 9,865 feet west of the intersection of Farm-to-Market Road 3338 (Las Tiendas) and Rancho Penitas Road in Webb County, Texas 78045

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: De Los Santos, Eliud

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

Title: Interim Utilities Director

Mailing Address: 5816 Daugherty Ave

City, State, Zip Code: Laredo, TX 78041

Phone No.: 956-721-2000 Ext.: N/A Fax No.: 956-721-2001

E-mail Address: edelossant@ci.laredo.tx.us

2. List the county in which the facility is located: Webb
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.

To an unnamed tributary; thence to Santa Isabel Creek; thence to the Rio Grande River below Amistad Reservoir in Segment No. 2304 of the Rio Grande Basin

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

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

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

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

☐ Disturbance of vegetation or wetlands

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

N/A - No proposed construction

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

Existing land use is typical of a wastewater treatment facility of this size.

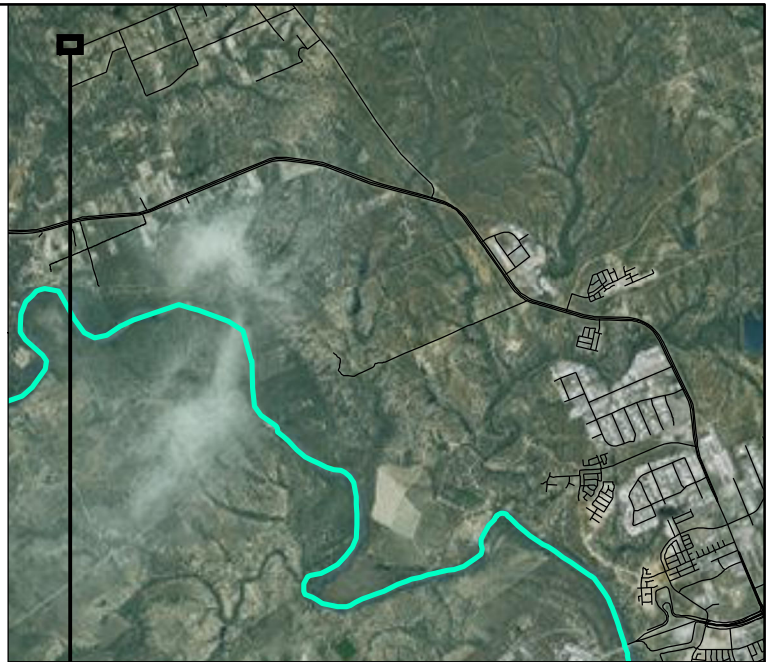
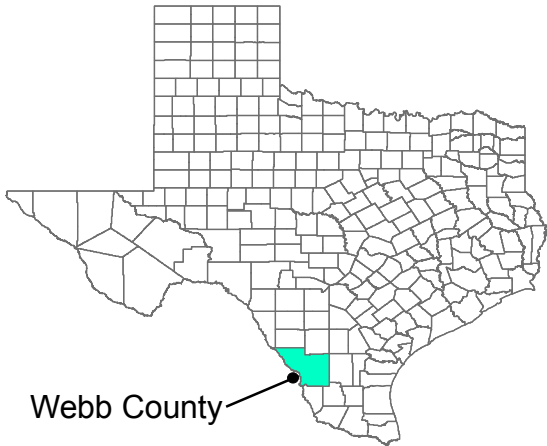
THE FOLLOWING ITEMS APPLY ONLY TO APPLICATIONS FOR NEW TPDES PERMITS AND MAJOR AMENDMENTS TO TPDES PERMITS

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

N/A

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

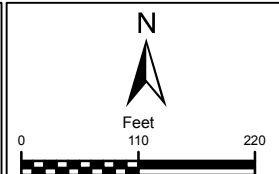
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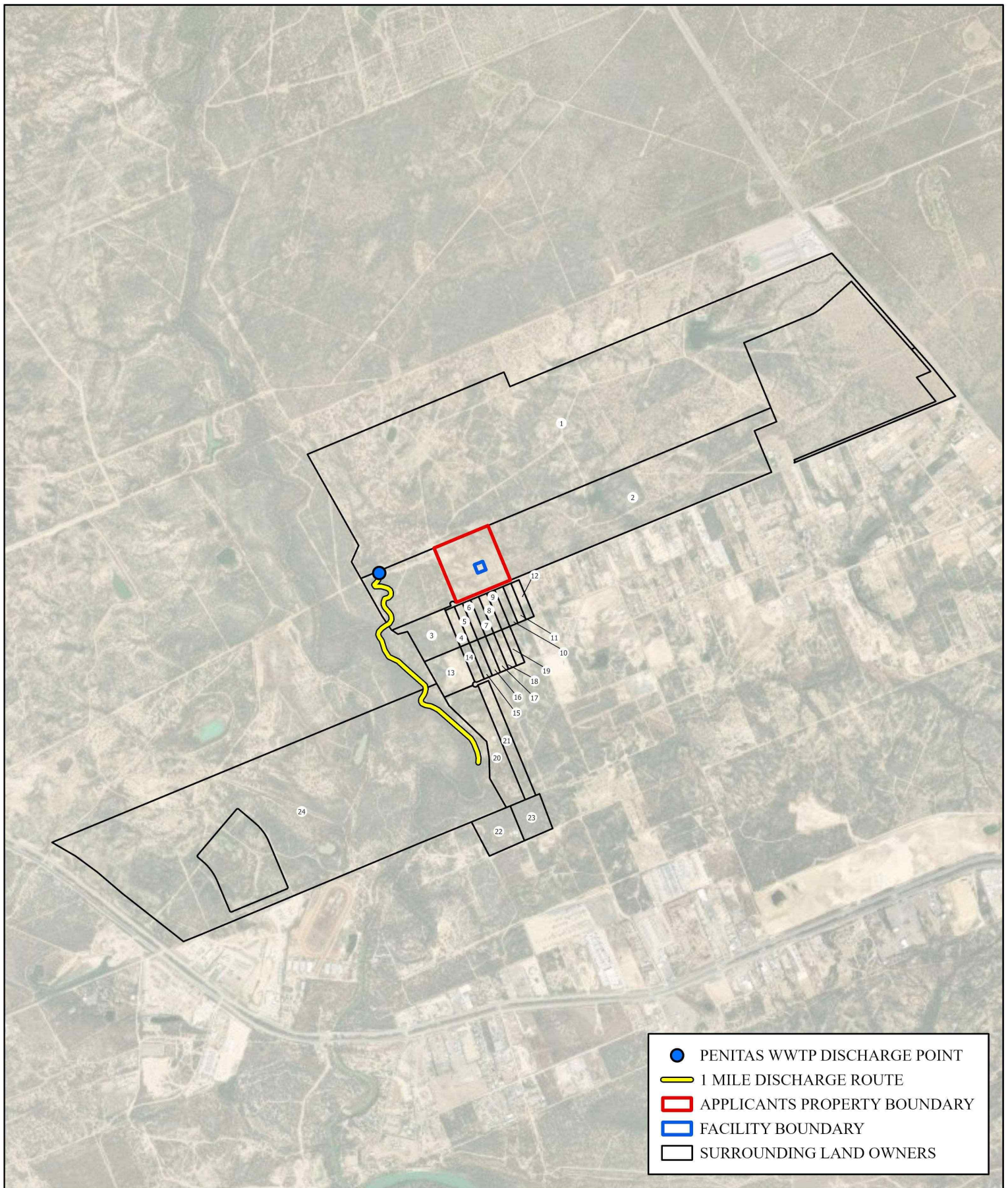


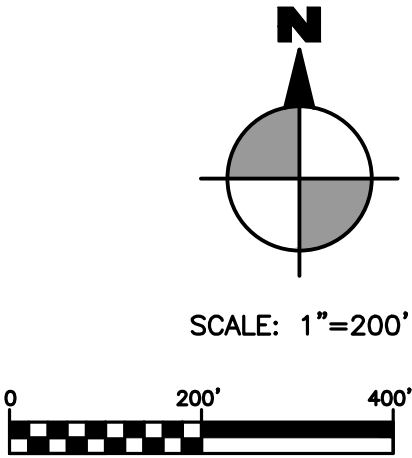
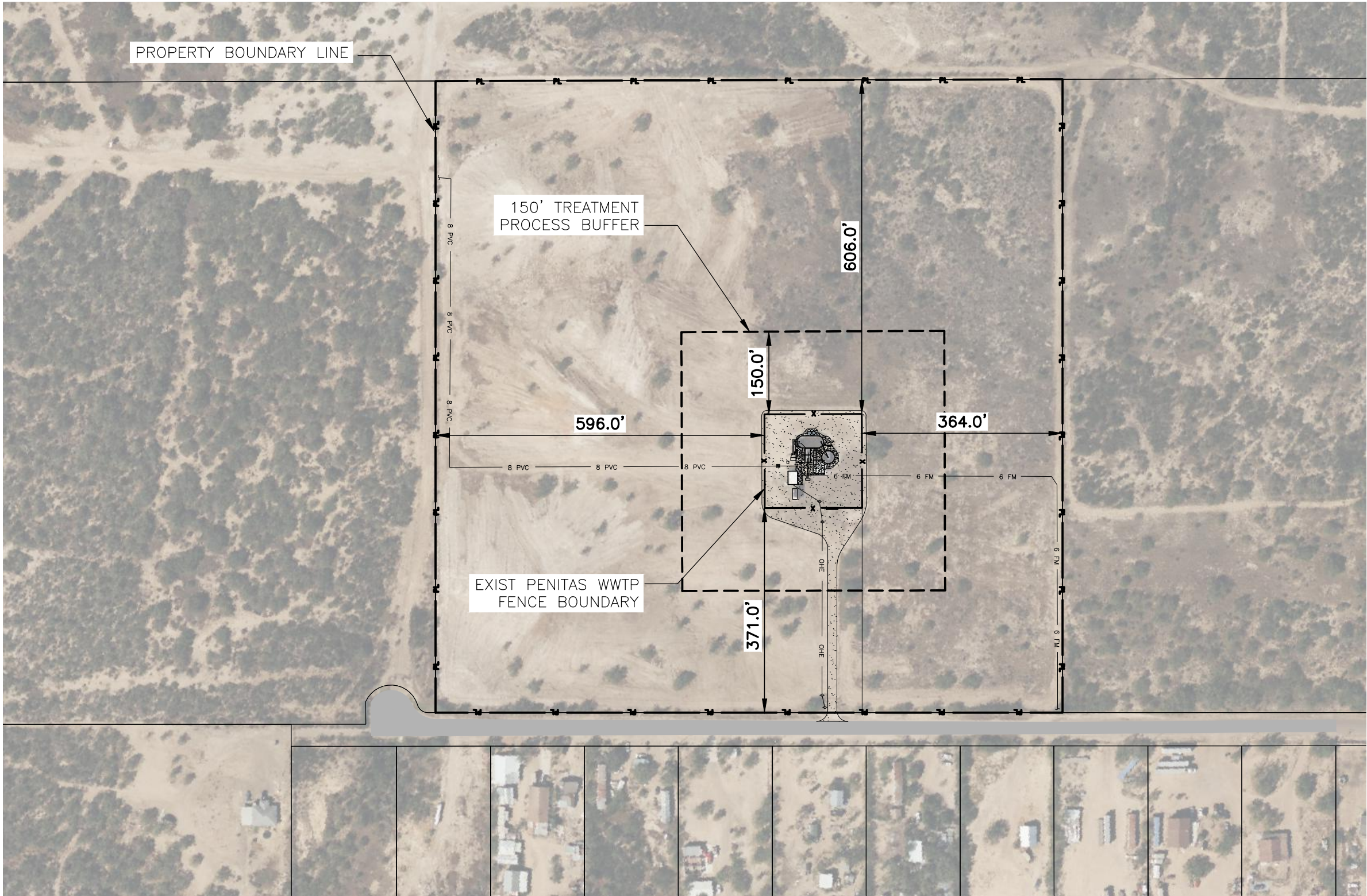
\\nserv001\Projects\LaMedist\60655-WWTP\TPDES Renewal\000\Drawings\Exhibits\Penitas Site Drawing.mxd



Attachment D: General Location Map
City of Laredo
Penitas WWTP
TPDES Permit Renewal
Application







1 BUFFER ZONE MAP
SCALE: 1"=200'

- LEGEND
- - - EXIST PROPERTY LINE
 - x - EXIST FENCE BOUNDARY LINE
 - - - 150' TREATMENT PROCESS BUFFER

X:\Laredo\220176_2022_General_Engineering_Services\000\Task_3 - Penitas WWTP Expansion\20-Drawings\Exhibits-Imagery\Penitas WWTP NW - BUFFER MAP.dwg
Wednesday May 29, 2024, 4:00pm



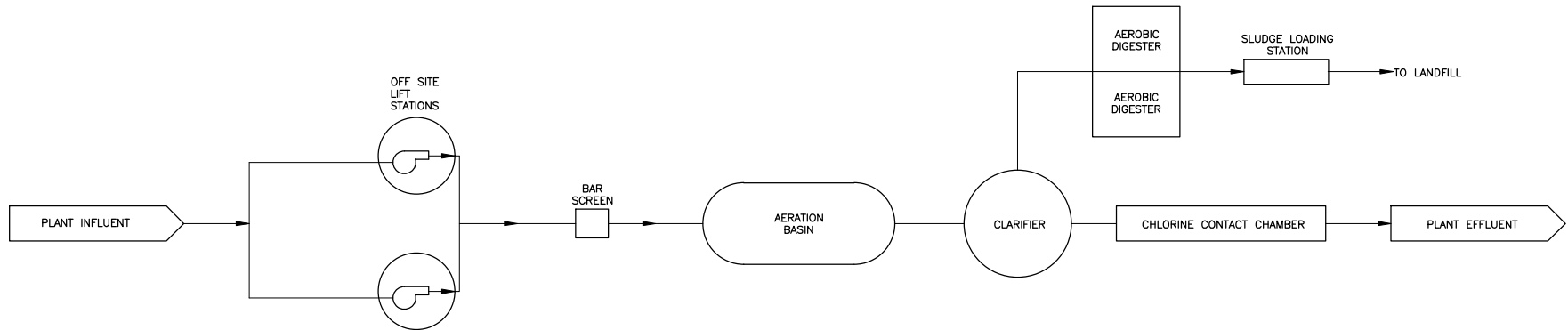
6909 Springfield Avenue, Suite 300
Laredo, Texas 78041
Phone: (956) 462-5511
www.Ardurra.com
Engineering License #F-10053

CITY OF LAREDO, TEXAS
PEÑITAS WWTP TPDES PERMIT RENEWAL
PENITAS WWTP BUFFER ZONE MAP

ATTACHMENT:
D

**ATTACHMENT E:
PROCESS FLOW DIAGRAM**

X:\Laredo\220176 2022 General Engineering Services\000\Task 3 - Permits\WWTP Expansion\20-Drawings\Exhibits-images\Permits WWTP-Flow Diagram.dwg
Thursday, June 08, 2024, 2:22 pm



6909 Springfield Ave, Suite 300
Laredo, Texas 78041
Phone: (512) 482-5111
www.ardurra.com
Engineering License #FC-19053

CITY OF LAREDO, TEXAS
TPDES Permit Renewal
EXISTING FLOW DIAGRAM

ATTACHMENT F:
POLLUTANT ANALYSIS OF TREATED
EFFLUENT

Permit Renewal

CITY OF LAREDO UTILITIES DEPARTMENT

Wastewater Laboratory

1701 Shiloh Dr
Laredo, TX 78045



Chain of Custody # 25145
[Signature]

Quanti-tray *E.coli* and Chain of Custody Form
ELO2 APPENDIX L

Circle One: Water Source Effluent		Facility Name: Penitas Wastewater Treatment Facility Facility ID #: TPDES EPA ID# TX 0131776				
Sample ID:	Sampling Point	Disinfection Type	Chlorine Residual	Test Requested		Results
Final Effluent	End of chlorine contact chamber	Chlorine		IDEXX Laboratories Colilert		NA
			27	E.coli (enumeration)		3.1
Sampled by:	<i>Sesse Lee Garza</i>	Date: 5-14-25	Time: 0845	Received by:	<i>[Signature]</i>	Date: 5-14-25 Time: 1200
Relinquished by:	<i>Sesse Lee Garza</i>	Date:	Time:	Received by: Lab:	<i>M. Villanueva</i>	Date: 5-14-25 Time: 1300

Laboratory:

Sample Arrival Condition: iced Sample Arrival Volume: 100 mL Sample arrival temp. observed/ corrected: 2.0°C

Sample Accepted: ✓ Sample Rejected: _____ Chlorine Residual : 0.00 Cl Strip Lot # & Exp. Date: 4320A 2027/07

Date & Time Analysis Started: 5-14-25 @ 1328 Date & Time Analysis Finished: 5-15-25 @ 1328

Date & Time Results Reported to: _____ Reported By: *T. Gong*

Acceptable: J Not Acceptable: _____

Laboratory Contact: Mr. Saad Hassoun, Lab Coordinator - (956) 795 - 2720 x 3077

Remarks / Lab ID #:						
Unsuitable Sx Analysis Rejection Criteria	1) Sx. Exceeds 6 hrs Holding Time	☐	3) Excessive chlorine Residual (> 10 mg/L)	☐	5) Form Incomplete, not Filled accordingly/Date Discrepancy	☐
	2) Insufficient Sx Volume (100 ml)	☐	4) Heavy Turbidity Present / Excessive Material	☐	6) Other:	☐

* Permit Renewal *

CITY OF LAREDO UTILITIES DEPARTMENT

Wastewater Laboratory

**1701 Shiloh Dr
Laredo, TX 78045**



Chain of Custody # 25145

Quanti-tray *E.coli* and Chain of Custody Form

EL02 APPENDIX L

Circle One: Water Source Effluent		Facility Name: Penitas Wastewater Treatment Facility				
		Facility ID #: TPDES EPA ID# TX 0131776				
Sample ID:	Sampling Point	Disinfection Type	Chlorine Residual	Test Requested		Results
Final Effluent	End of chlorine contact chamber	Chlorine		IDEXX Laboratories Colilert		NA
			2.7	E.coli (enumeration)		<1.0
Sampled by:	Sese Lee Garcia	Date: 5-14-25	Time: 08:15	Received by:		Date: 5-14-25
Relinquished by:	Sese Lee Garcia	Date: 12:25	Time: 5-14-25	Received by: Lab:	M. Villanreal	Date: 5-14-25
						Time: 1306

Laboratory:

Sample Arrival Condition: iced Sample Arrival Volume: 100 mL Sample arrival temp. observed/ corrected: 3.0°C

Sample Accepted: ✓ Sample Rejected: _____ Chlorine Residual: 0.00 Cl Strip Lot # & Exp. Date: 4320A 2027/07

Date & Time Analysis Started: 5-14-25 @ 1328 Date & Time Analysis Finished: 5-15-25 @ 1328

Date & Time Results Reported to: _____ Reported By: S. Garcia

Acceptable: ✓ Not Acceptable: _____

Laboratory Contact: Mr. Saad Hassoun, Lab Coordinator - (956) 795 - 2720 x 3077

Remarks / Lab ID #:						
Unsuitable Sx Analysis	1) Sx. Exceeds 6 hrs Holding Time	☐	3) Excessive chlorine Residual (> 10 mg/L)	☐	5) Form Incomplete, not Filled accordingly/Date Discrepancy	☐
	Rejection Criteria	2) Insufficient Sx Volume (100 ml)	☐	4) Heavy Turbidity Present / Excessive Material	☐	6) Other:

ANALYTICAL REPORT

PREPARED FOR

Attn: Robert Estrada
City of Laredo
5816 Daugherty Avenue
Laredo, Texas 78041

Generated 5/22/2025 5:08:47 PM

JOB DESCRIPTION

Penitas Permit Sampling

JOB NUMBER

860-100959-1

Eurofins Houston

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
5/22/2025 5:08:47 PM

Authorized for release by
Lindy Maingot, Project Manager II
Lindy.Maingot@et.eurofinsus.com
(210)344-9751

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Detection Summary	6
Client Sample Results	7
QC Sample Results	8
QC Association Summary	15
Lab Chronicle	18
Certification Summary	19
Method Summary	20
Sample Summary	21
Chain of Custody	22
Receipt Checklists	23



Definitions/Glossary

Client: City of Laredo
Project/Site: Penitas Permit Sampling

Job ID: 860-100959-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
s	Seeded Control Blank (SCB) Recovery Low

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: City of Laredo
Project: Penitas Permit Sampling

Job ID: 860-100959-1

Job ID: 860-100959-1

Eurofins Houston

Job Narrative 860-100959-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The sample was received on 5/15/2025 9:09 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.4°C.

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-236008 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

Method 1664B_NP: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with analytical batch 860-237108.

Method 2540D: Elevated reporting limits are provided for the following sample due to insufficient sample provided for analysis: Penitas WWTP (860-100959-1).

Method SM5210B_CBCalc: The correction factor for the Seeded Control Blank (SCB) for batch 860-237308 was outside the method range of 0.6 to 1.0 mg/L. Thus, there is added uncertainty for the associated sample results.

Method SM5210B_CBCalc: The following sample underdepleted: Penitas WWTP (860-100959-1). Results have been reported and may be biased high.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Houston

Detection Summary

Client: City of Laredo
Project/Site: Penitas Permit Sampling

Job ID: 860-100959-1

Client Sample ID: Penitas WWTP

Lab Sample ID: 860-100959-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	140		0.50	0.25	mg/L	1		300.0	Total/NA
Nitrogen, Nitrate	0.33		0.10	0.039	mg/L	1		300.0	Total/NA
Sulfate	220		0.50	0.20	mg/L	1		300.0	Total/NA
Ammonia as N	40		1.0	0.51	mg/L	10		350.1	Total/NA
Nitrogen, Kjeldahl	38		4.0	1.8	mg/L	20		351.2	Total/NA
Oxygen, Dissolved	11	HF	1.0	1.0	mg/L	1		360.1	Total/NA
Phosphorus Total	2.9		0.20	0.14	mg/L	10		365.1	Total/NA
Alkalinity	230		4.0	4.0	mg/L	1		SM 2320B	Total/NA
Specific Conductance	1400		10	10	umho/cm @ 25C	1		SM 2510B	Total/NA
Total Dissolved Solids	1300		10	10	mg/L	1		SM 2540C	Total/NA
Chlorine, Total Residual	0.59	HF	0.050	0.050	mg/L	1		SM 4500 Cl G	Total/NA
pH	7.9	HF			SU	1		SM 4500 H+ B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Client Sample Results

Client: City of Laredo
Project/Site: Penitas Permit Sampling

Job ID: 860-100959-1

Client Sample ID: Penitas WWTP

Lab Sample ID: 860-100959-1

Date Collected: 05/14/25 10:40

Matrix: Water

Date Received: 05/15/25 09:09

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	140		0.50	0.25	mg/L			05/15/25 17:02	1
Nitrogen, Nitrate	0.33		0.10	0.039	mg/L			05/15/25 17:02	1
Sulfate	220		0.50	0.20	mg/L			05/15/25 17:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil & Grease (1664B)	<1.6		5.0	1.6	mg/L			05/21/25 08:38	1
Ammonia as N (EPA 350.1)	40		1.0	0.51	mg/L			05/20/25 22:19	10
Nitrogen, Kjeldahl (EPA 351.2)	38		4.0	1.8	mg/L		05/20/25 16:12	05/21/25 13:44	20
Oxygen, Dissolved (EPA 360.1)	11	HF	1.0	1.0	mg/L			05/18/25 13:28	1
Phosphorus Total (EPA 365.1)	2.9		0.20	0.14	mg/L			05/21/25 22:31	10
Carbonaceous Biochemical Oxygen Demand (SM 5210B)	<3.0		3.0	3.0	mg/L		05/16/25 10:25	05/16/25 11:31	1
Alkalinity (SM 2320B)	230		4.0	4.0	mg/L			05/16/25 17:50	1
Specific Conductance (SM 2510B)	1400		10	10	umho/cm @ 25C			05/22/25 10:22	1
Total Dissolved Solids (SM 2540C)	1300		10	10	mg/L			05/20/25 10:20	1
Total Suspended Solids (SM 2540D)	<11		11	11	mg/L			05/21/25 15:58	1
Chlorine, Total Residual (SM 4500 Cl G)	0.59	HF	0.050	0.050	mg/L			05/21/25 12:05	1
pH (SM 4500 H+ B)	7.9	HF			SU			05/21/25 10:26	1

QC Sample Results

Client: City of Laredo
Project/Site: Penitas Permit Sampling

Job ID: 860-100959-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-236008/3

Matrix: Water

Analysis Batch: 236008

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.25		0.50	0.25	mg/L			05/15/25 11:09	1
Sulfate	<0.20		0.50	0.20	mg/L			05/15/25 11:09	1

Lab Sample ID: LCS 860-236008/4

Matrix: Water

Analysis Batch: 236008

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.38		mg/L		94	90 - 110
Sulfate	10.0	10.2		mg/L		102	90 - 110

Lab Sample ID: LCSD 860-236008/5

Matrix: Water

Analysis Batch: 236008

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.38		mg/L		94	90 - 110	0	20
Sulfate	10.0	10.2		mg/L		102	90 - 110	0	20

Lab Sample ID: 860-100959-1 MS

Matrix: Water

Analysis Batch: 236008

Client Sample ID: Penitas WWTP

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	140		10.0	147	4	mg/L		97	90 - 110
Sulfate	220		10.0	226	4	mg/L		68	90 - 110

Lab Sample ID: 860-100959-1 MSD

Matrix: Water

Analysis Batch: 236008

Client Sample ID: Penitas WWTP

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	140		10.0	147	4	mg/L		102	90 - 110	0	15
Sulfate	220		10.0	226	4	mg/L		74	90 - 110	0	15

Lab Sample ID: MB 860-236009/3

Matrix: Water

Analysis Batch: 236009

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Nitrate	<0.039		0.10	0.039	mg/L			05/15/25 11:09	1

Lab Sample ID: LCS 860-236009/4

Matrix: Water

Analysis Batch: 236009

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Nitrate	10.0	10.3		mg/L		103	90 - 110

Eurofins Houston

QC Sample Results

Client: City of Laredo
Project/Site: Penitas Permit Sampling

Job ID: 860-100959-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 860-236009/5

Matrix: Water

Analysis Batch: 236009

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrogen, Nitrate	10.0	10.3		mg/L		103	90 - 110	0	20

Lab Sample ID: LLCS 860-236009/6

Matrix: Water

Analysis Batch: 236009

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrogen, Nitrate	0.100	0.0960	J	mg/L		96	50 - 150		

Lab Sample ID: 860-100959-1 MS

Matrix: Water

Analysis Batch: 236009

Client Sample ID: Penitas WWTP

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrogen, Nitrate	0.33		10.0	11.2		mg/L		109	90 - 110		

Lab Sample ID: 860-100959-1 MSD

Matrix: Water

Analysis Batch: 236009

Client Sample ID: Penitas WWTP

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrogen, Nitrate	0.33		10.0	11.3		mg/L		109	90 - 110	0	15

Method: 1664B - HEM and SGT-HEM

Lab Sample ID: MB 860-237108/1

Matrix: Water

Analysis Batch: 237108

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil & Grease	<1.6		5.0	1.6	mg/L			05/21/25 08:38	1

Lab Sample ID: LCS 860-237108/2

Matrix: Water

Analysis Batch: 237108

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Oil & Grease	40.0	34.1		mg/L		85	78 - 114		

Lab Sample ID: LCSD 860-237108/3

Matrix: Water

Analysis Batch: 237108

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Oil & Grease	40.0	32.9		mg/L		82	78 - 114	4	18

Eurofins Houston

QC Sample Results

Client: City of Laredo
Project/Site: Penitas Permit Sampling

Job ID: 860-100959-1

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MB 860-236924/16

Matrix: Water

Analysis Batch: 236924

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia as N	<0.051		0.10	0.051	mg/L			05/19/25 23:01	1

Lab Sample ID: LCS 860-236924/17

Matrix: Water

Analysis Batch: 236924

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia as N	1.00	1.00		mg/L		100	90 - 110

Lab Sample ID: LCSD 860-236924/18

Matrix: Water

Analysis Batch: 236924

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ammonia as N	1.00	1.03		mg/L		103	90 - 110	2	20

Lab Sample ID: LLCS 860-236924/19

Matrix: Water

Analysis Batch: 236924

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia as N	0.100	0.0780	J	mg/L		78	50 - 150

Lab Sample ID: MB 860-237186/16

Matrix: Water

Analysis Batch: 237186

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia as N	<0.051		0.10	0.051	mg/L			05/20/25 20:31	1

Lab Sample ID: LCS 860-237186/17

Matrix: Water

Analysis Batch: 237186

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia as N	1.00	0.932		mg/L		93	90 - 110

Lab Sample ID: LCSD 860-237186/18

Matrix: Water

Analysis Batch: 237186

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ammonia as N	1.00	0.932		mg/L		93	90 - 110	0	20

Lab Sample ID: LLCS 860-237186/19

Matrix: Water

Analysis Batch: 237186

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia as N	0.100	0.0647	J	mg/L		65	50 - 150

Eurofins Houston

QC Sample Results

Client: City of Laredo
Project/Site: Penitas Permit Sampling

Job ID: 860-100959-1

Method: 351.2 - Nitrogen, Total Kjeldahl

Lab Sample ID: MB 860-236996/4-A
Matrix: Water
Analysis Batch: 237247

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 236996

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Kjeldahl	<0.089		0.20	0.089	mg/L		05/20/25 16:12	05/21/25 13:00	1

Lab Sample ID: LCS 860-236996/6-A
Matrix: Water
Analysis Batch: 237247

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 236996

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Kjeldahl	2.00	2.09		mg/L		105	90 - 110

Lab Sample ID: LCSD 860-236996/7-A
Matrix: Water
Analysis Batch: 237247

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 236996

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrogen, Kjeldahl	2.00	2.06		mg/L		103	90 - 110	2	20

Lab Sample ID: LLCS 860-236996/5-A
Matrix: Water
Analysis Batch: 237247

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 236996

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Kjeldahl	0.200	0.198	J	mg/L		99	50 - 150

Method: 360.1 - Oxygen, Dissolved

Lab Sample ID: 860-100959-1 DU
Matrix: Water
Analysis Batch: 236529

Client Sample ID: Penitas WWTP
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Oxygen, Dissolved	11	HF	11.0		mg/L		2	20

Method: 365.1 - Phosphorus, Total

Lab Sample ID: MB 860-237448/17
Matrix: Water
Analysis Batch: 237448

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phosphorus Total	<0.014		0.020	0.014	mg/L			05/21/25 22:17	1

Lab Sample ID: LCS 860-237448/18
Matrix: Water
Analysis Batch: 237448

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phosphorus Total	0.250	0.269		mg/L		108	90 - 110

Eurofins Houston

QC Sample Results

Client: City of Laredo
Project/Site: Penitas Permit Sampling

Job ID: 860-100959-1

Method: 365.1 - Phosphorus, Total (Continued)

Lab Sample ID: LCSD 860-237448/19
Matrix: Water
Analysis Batch: 237448

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phosphorus Total	0.250	0.267		mg/L		107	90 - 110	1	20

Method: 5210B - CBOD, 5-Day

Lab Sample ID: SCB 860-237308/2
Matrix: Water
Analysis Batch: 237308

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	SCB Result	SCB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbonaceous Biochemical Oxygen Demand	0.480	s	0.0000020	0.0000020	mg/L			05/16/25 11:51	1

Lab Sample ID: USB 860-237308/1
Matrix: Water
Analysis Batch: 237308

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	USB Result	USB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbonaceous Biochemical Oxygen Demand	0.190		0.0000020	0.0000020	mg/L			05/16/25 11:49	1

Lab Sample ID: LCS 860-237308/3
Matrix: Water
Analysis Batch: 237308

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Carbonaceous Biochemical Oxygen Demand	198	181		mg/L		92	85 - 115		

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 860-236514/3
Matrix: Water
Analysis Batch: 236514

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.0		4.0	4.0	mg/L			05/16/25 15:55	1

Lab Sample ID: LCS 860-236514/4
Matrix: Water
Analysis Batch: 236514

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Alkalinity	250	243		mg/L		97	85 - 115		

Lab Sample ID: LCSD 860-236514/5
Matrix: Water
Analysis Batch: 236514

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity	250	242		mg/L		97	85 - 115	0	20

Eurofins Houston

QC Sample Results

Client: City of Laredo
Project/Site: Penitas Permit Sampling

Job ID: 860-100959-1

Method: SM 2510B - Conductivity, Specific Conductance

Lab Sample ID: MB 860-236648/23
Matrix: Water
Analysis Batch: 236648

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Specific Conductance	<10		10	10	umho/cm @ 25C			05/19/25 11:26	1

Lab Sample ID: MB 860-237398/2
Matrix: Water
Analysis Batch: 237398

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Specific Conductance	<10		10	10	umho/cm @ 25C			05/22/25 10:17	1

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 860-236872/1
Matrix: Water
Analysis Batch: 236872

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<5.0		5.0	5.0	mg/L			05/20/25 10:03	1

Lab Sample ID: LCS 860-236872/2
Matrix: Water
Analysis Batch: 236872

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	966		mg/L		97	80 - 120

Method: SM 2540D - Solids, Total Suspended (TSS)

Lab Sample ID: MB 860-237499/25
Matrix: Water
Analysis Batch: 237499

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<4.0		4.0	4.0	mg/L			05/21/25 15:58	1

Lab Sample ID: LCS 860-237499/26
Matrix: Water
Analysis Batch: 237499

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	1000	920		mg/L		92	80 - 120

Method: SM 4500 Cl G - Chlorine, Residual

Lab Sample ID: MB 860-237190/3
Matrix: Water
Analysis Batch: 237190

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorine, Total Residual	<0.050		0.050	0.050	mg/L			05/21/25 12:05	1

Eurofins Houston

QC Sample Results

Client: City of Laredo
Project/Site: Penitas Permit Sampling

Job ID: 860-100959-1

Method: SM 4500 Cl G - Chlorine, Residual (Continued)

Lab Sample ID: LCS 860-237190/4

Matrix: Water

Analysis Batch: 237190

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorine, Total Residual	0.250	0.248		mg/L		99	85 - 115

Lab Sample ID: LCSD 860-237190/5

Matrix: Water

Analysis Batch: 237190

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chlorine, Total Residual	0.250	0.244		mg/L		98	85 - 115	1	20

Lab Sample ID: 860-100959-1 MS

Matrix: Water

Analysis Batch: 237190

Client Sample ID: Penitas WWTP

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorine, Total Residual	0.59	HF	0.250	0.854		mg/L		104	90 - 110

Lab Sample ID: 860-100959-1 MSD

Matrix: Water

Analysis Batch: 237190

Client Sample ID: Penitas WWTP

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chlorine, Total Residual	0.59	HF	0.250	0.847		mg/L		101	90 - 110	1	20

QC Association Summary

Client: City of Laredo
Project/Site: Penitas Permit Sampling

Job ID: 860-100959-1

HPLC/IC

Analysis Batch: 236008

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100959-1	Penitas WWTP	Total/NA	Water	300.0	
MB 860-236008/3	Method Blank	Total/NA	Water	300.0	
LCS 860-236008/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-236008/5	Lab Control Sample Dup	Total/NA	Water	300.0	
860-100959-1 MS	Penitas WWTP	Total/NA	Water	300.0	
860-100959-1 MSD	Penitas WWTP	Total/NA	Water	300.0	

Analysis Batch: 236009

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100959-1	Penitas WWTP	Total/NA	Water	300.0	
MB 860-236009/3	Method Blank	Total/NA	Water	300.0	
LCS 860-236009/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-236009/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-236009/6	Lab Control Sample	Total/NA	Water	300.0	
860-100959-1 MS	Penitas WWTP	Total/NA	Water	300.0	
860-100959-1 MSD	Penitas WWTP	Total/NA	Water	300.0	

General Chemistry

Prep Batch: 236285

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100959-1	Penitas WWTP	Total/NA	Water	CBOD Prep	

Analysis Batch: 236514

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100959-1	Penitas WWTP	Total/NA	Water	SM 2320B	
MB 860-236514/3	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-236514/4	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-236514/5	Lab Control Sample Dup	Total/NA	Water	SM 2320B	

Analysis Batch: 236529

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100959-1	Penitas WWTP	Total/NA	Water	360.1	
860-100959-1 DU	Penitas WWTP	Total/NA	Water	360.1	

Analysis Batch: 236648

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-236648/23	Method Blank	Total/NA	Water	SM 2510B	
LCS 860-236648/24	Lab Control Sample	Total/NA	Water	SM 2510B	
LCSD 860-236648/25	Lab Control Sample Dup	Total/NA	Water	SM 2510B	

Analysis Batch: 236872

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100959-1	Penitas WWTP	Total/NA	Water	SM 2540C	
MB 860-236872/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-236872/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 236924

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-236924/16	Method Blank	Total/NA	Water	350.1	
LCS 860-236924/17	Lab Control Sample	Total/NA	Water	350.1	

Eurofins Houston

QC Association Summary

Client: City of Laredo
Project/Site: Penitas Permit Sampling

Job ID: 860-100959-1

General Chemistry (Continued)

Analysis Batch: 236924 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 860-236924/18	Lab Control Sample Dup	Total/NA	Water	350.1	
LLCS 860-236924/19	Lab Control Sample	Total/NA	Water	350.1	

Prep Batch: 236996

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100959-1	Penitas WWTP	Total/NA	Water	351.2	
MB 860-236996/4-A	Method Blank	Total/NA	Water	351.2	
LCS 860-236996/6-A	Lab Control Sample	Total/NA	Water	351.2	
LCSD 860-236996/7-A	Lab Control Sample Dup	Total/NA	Water	351.2	
LLCS 860-236996/5-A	Lab Control Sample	Total/NA	Water	351.2	

Analysis Batch: 237108

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100959-1	Penitas WWTP	Total/NA	Water	1664B	
MB 860-237108/1	Method Blank	Total/NA	Water	1664B	
LCS 860-237108/2	Lab Control Sample	Total/NA	Water	1664B	
LCSD 860-237108/3	Lab Control Sample Dup	Total/NA	Water	1664B	

Analysis Batch: 237186

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100959-1	Penitas WWTP	Total/NA	Water	350.1	
MB 860-237186/16	Method Blank	Total/NA	Water	350.1	
LCS 860-237186/17	Lab Control Sample	Total/NA	Water	350.1	
LCSD 860-237186/18	Lab Control Sample Dup	Total/NA	Water	350.1	
LLCS 860-237186/19	Lab Control Sample	Total/NA	Water	350.1	

Analysis Batch: 237190

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100959-1	Penitas WWTP	Total/NA	Water	SM 4500 CI G	
MB 860-237190/3	Method Blank	Total/NA	Water	SM 4500 CI G	
LCS 860-237190/4	Lab Control Sample	Total/NA	Water	SM 4500 CI G	
LCSD 860-237190/5	Lab Control Sample Dup	Total/NA	Water	SM 4500 CI G	
860-100959-1 MS	Penitas WWTP	Total/NA	Water	SM 4500 CI G	
860-100959-1 MSD	Penitas WWTP	Total/NA	Water	SM 4500 CI G	

Analysis Batch: 237209

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100959-1	Penitas WWTP	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 237247

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100959-1	Penitas WWTP	Total/NA	Water	351.2	236996
MB 860-236996/4-A	Method Blank	Total/NA	Water	351.2	236996
LCS 860-236996/6-A	Lab Control Sample	Total/NA	Water	351.2	236996
LCSD 860-236996/7-A	Lab Control Sample Dup	Total/NA	Water	351.2	236996
LLCS 860-236996/5-A	Lab Control Sample	Total/NA	Water	351.2	236996

Analysis Batch: 237308

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100959-1	Penitas WWTP	Total/NA	Water	5210B	236285
SCB 860-237308/2	Method Blank	Total/NA	Water	5210B	

Eurofins Houston

QC Association Summary

Client: City of Laredo
Project/Site: Penitas Permit Sampling

Job ID: 860-100959-1

General Chemistry (Continued)

Analysis Batch: 237308 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
USB 860-237308/1	Method Blank	Total/NA	Water	5210B	
LCS 860-237308/3	Lab Control Sample	Total/NA	Water	5210B	

Analysis Batch: 237398

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100959-1	Penitas WWTP	Total/NA	Water	SM 2510B	
MB 860-237398/2	Method Blank	Total/NA	Water	SM 2510B	
LCS 860-237398/3	Lab Control Sample	Total/NA	Water	SM 2510B	
LCSD 860-237398/4	Lab Control Sample Dup	Total/NA	Water	SM 2510B	

Analysis Batch: 237448

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100959-1	Penitas WWTP	Total/NA	Water	365.1	
MB 860-237448/17	Method Blank	Total/NA	Water	365.1	
LCS 860-237448/18	Lab Control Sample	Total/NA	Water	365.1	
LCSD 860-237448/19	Lab Control Sample Dup	Total/NA	Water	365.1	

Analysis Batch: 237499

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100959-1	Penitas WWTP	Total/NA	Water	SM 2540D	
MB 860-237499/25	Method Blank	Total/NA	Water	SM 2540D	
LCS 860-237499/26	Lab Control Sample	Total/NA	Water	SM 2540D	

Lab Chronicle

Client: City of Laredo
Project/Site: Penitas Permit Sampling

Job ID: 860-100959-1

Client Sample ID: Penitas WWTP

Lab Sample ID: 860-100959-1

Date Collected: 05/14/25 10:40

Matrix: Water

Date Received: 05/15/25 09:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			236008	05/15/25 17:02	WP	EET HOU
Total/NA	Analysis	300.0		1			236009	05/15/25 17:02	WP	EET HOU
Total/NA	Analysis	1664B		1	1000 mL	1000 mL	237108	05/21/25 08:38	TB	EET HOU
Total/NA	Analysis	350.1		10	10 mL	10 mL	237186	05/20/25 22:19	BW	EET HOU
Total/NA	Prep	351.2			20 mL	20 mL	236996	05/20/25 16:12	MK	EET HOU
Total/NA	Analysis	351.2		20			237247	05/21/25 13:44	MLEI	EET HOU
Total/NA	Analysis	360.1		1			236529	05/18/25 13:28	MR	EET HOU
Total/NA	Analysis	365.1		10	10 mL	10 mL	237448	05/21/25 22:31	BW	EET HOU
Total/NA	Prep	CBOD Prep					236285	05/16/25 10:25	TV	EET HOU
Total/NA	Analysis	5210B		1	200 mL	300 mL	237308	05/16/25 11:31	TV	EET HOU
Total/NA	Analysis	SM 2320B		1			236514	05/16/25 17:50	MR	EET HOU
Total/NA	Analysis	SM 2510B		1			237398	05/22/25 10:22	AC	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	236872	05/20/25 10:20	TR	EET HOU
Total/NA	Analysis	SM 2540D		1	350 mL	1000 mL	237499	05/21/25 15:58	AP	EET HOU
Total/NA	Analysis	SM 4500 CI G		1	10 mL	10 mL	237190	05/21/25 12:05	SCI	EET HOU
Total/NA	Analysis	SM 4500 H+ B		1			237209	05/21/25 10:26	AC	EET HOU

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: City of Laredo
Project/Site: Penitas Permit Sampling

Job ID: 860-100959-1

Laboratory: Eurofins Houston

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-00759	08-04-25
Florida	NELAP	E871002	06-30-25
Louisiana (All)	NELAP	03054	12-20-25
Oklahoma	NELAP	1306	08-31-25
Texas	NELAP	T104704215	07-01-26
Texas	TCEQ Water Supply	T104704215	12-28-25
USDA	US Federal Programs	525-23-79-79507	03-20-26

Method Summary

Client: City of Laredo
Project/Site: Penitas Permit Sampling

Job ID: 860-100959-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET HOU
1664B	HEM and SGT-HEM	1664B	EET HOU
350.1	Nitrogen, Ammonia	EPA	EET HOU
351.2	Nitrogen, Total Kjeldahl	EPA	EET HOU
360.1	Oxygen, Dissolved	EPA	EET HOU
365.1	Phosphorus, Total	EPA	EET HOU
5210B	CBOD, 5-Day	SM	EET HOU
SM 2320B	Alkalinity	SM	EET HOU
SM 2510B	Conductivity, Specific Conductance	SM	EET HOU
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET HOU
SM 2540D	Solids, Total Suspended (TSS)	SM	EET HOU
SM 4500 Cl G	Chlorine, Residual	SM	EET HOU
SM 4500 H+ B	pH	SM	EET HOU
351.2	Nitrogen, Total Kjeldahl	EPA	EET HOU
CBOD Prep	Preparation, CBOD	SM	EET HOU

Protocol References:

1664B = EPA-821-98-002
EPA = US Environmental Protection Agency
SM = "Standard Methods For The Examination Of Water And Wastewater"

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: City of Laredo
Project/Site: Penitas Permit Sampling

Job ID: 860-100959-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
860-100959-1	Penitas WWTP	Water	05/14/25 10:40	05/15/25 09:09

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Phone (281) 243-4200

2022 Environmentally Toxic eurofins

5/22/2025

Login Sample Receipt Checklist

Client: City of Laredo

Job Number: 860-100959-1

Login Number: 100959

List Source: Eurofins Houston

List Number: 1

Creator: Jimenez, Nicanor

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

ATTACHMENT G:
EFFLUENT PARAMETER ABOVE
THE MAL

ATTACHMENT G
CITY OF LAREDO
PENITAS WASTEWATER TREATMENT PLANT
TPDES PERMIT RENEWAL APPLICATION

EFFLUENT PARAMETERS ABOVE THE MAL

Pollutant	Concentration	MAL	Units	Date
Bis(2-ethylhexyl) phthalate	15	10	µg/l	06/03/2022
Aluminum	41	2.5	µg/l	06/03/2022
Arsenic	0.86	0.5	µg/l	06/03/2022
Barium	41	3	µg/l	06/03/2022
Copper	2.4	2	µg/l	06/03/2022
Nickel	2.3	2	µg/l	06/03/2022
Zinc	22	5	µg/l	06/03/2022
Nitrate as N	300	100	µg/l	06/03/2022
Fluoride	1200	500	µg/l	06/03/2022
Dichlorobromomethane	23	10	µg/l	07/20/2023
Chloroform	29	10	µg/l	07/20/2023
Chlorodibromomethane	11	10	µg/l	07/20/2023
Trihalomethanes, Total	64	10	µg/l	07/20/2023
Aluminum	24	2.5	µg/l	07/20/2023
Arsenic	6.8	0.5	µg/l	07/20/2023
Barium	50	3	µg/l	07/20/2023
Copper	3.2	2	µg/l	07/20/2023
Nickel	2.8	2	µg/l	07/20/2023
Zinc	40	5	µg/l	07/20/2023
Nitrate as N	30000	100	µg/l	07/20/2023
Cyanide, Total	17	10	µg/l	07/20/2023
Trihalomethanes, Total	15	10	µg/l	05/09/2024
Nitrate as N	46000	100	µg/l	05/09/2024

ATTACHMENT H:
SLUDGE TRANSPORTATION
AGREEMENT

OTHER REQUIREMENTS

1. The permittee shall employ or contract with one or more licensed wastewater treatment facility operators or wastewater system operations companies holding a valid license or registration according to the requirements of 30 TAC Chapter 30, Occupational Licenses and Registrations, and in particular 30 TAC Chapter 30, Subchapter J, Wastewater Operators and Operations Companies.

This Category A facility must be operated by a chief operator or an operator holding a Class A license or higher. The facility must be operated a minimum of five days per week by the licensed chief operator or an operator holding the required level of license or higher. The licensed chief operator or operator holding the required level of license or higher must be available by telephone or pager seven days per week. Where shift operation of the wastewater treatment facility is necessary, each shift that does not have the on-site supervision of the licensed chief operator must be supervised by an operator in charge who is licensed not less than one level below the category for the facility.

2. The facility is not located in the Coastal Management Program boundary.
3. Chronic toxic criteria apply at the edge of the mixing zone. The mixing zone is defined as 300 feet downstream and 100 feet upstream from the point of discharge.
4. The permittee shall comply with the requirements of 30 TAC § 309.13(a) through (d). In addition, by ownership of the required buffer zone area, the permittee shall comply with the requirements of 30 TAC § 309.13(e).
5. The permittee shall provide facilities for the protection of its wastewater treatment facility from a 100-year flood.
6. In accordance with 30 TAC § 319.9, a permittee that has at least twelve months of uninterrupted compliance with its bacteria limit may notify the commission in writing of its compliance and request a less frequent measurement schedule. To request a less frequent schedule, the permittee shall submit a written request to the TCEQ Wastewater Permitting Section (MC 148) for each phase that includes a different monitoring frequency. The request must contain all of the reported bacteria values (Daily Avg. and Daily Max/Single Grab) for the twelve consecutive months immediately prior to the request. If the Executive Director finds that a less frequent measurement schedule is protective of human health and the environment, the permittee may be given a less frequent measurement schedule. For this permit, 5/week may be reduced to 3/week. **A violation of any bacteria limit by a facility that has been granted a less frequent measurement schedule will require the permittee to return to the standard frequency schedule and submit written notice to the TCEQ Wastewater Permitting Section (MC 148).** The permittee may not apply for another reduction in measurement frequency for at least 24 months from the date of the last violation. The Executive Director may establish a more frequent measurement schedule if necessary to protect human health or the environment.
7. The permittee is authorized to receive, process, and dispose of the wastewater sludge generated at the Columbia Bridge Wastewater Treatment Plant (WWTP) (Permit No. WQ0010681006), Unitec WWTP (Permit No. WQ0010681005), North Laredo WWTP (Permit No. WQ0010681004), Webb County Detention Center WWTP (Permit No. WQ0012271001), El Cenizo WWTP (Permit No. WQ0013577001), Zacate Creek WWTP

(Permit No. WQ0010681002), Penitas WWTP (Permit No. WQ0010681007), and Sombreretillo WWTP (Permit No. WQ0010681008). The permittee shall ensure that the appropriate sludge metals and toxicity characteristic leaching procedure (TCLP) analysis satisfies 30 TAC Chapter 312 rules for disposing of sewage sludge.

8. The permittee must maintain capacity in the South Laredo Wastewater Treatment Facility to treat the supernatant from the Zacate Creek digester. The permittee shall monitor the flow and five-day biochemical oxygen demand (BOD₅) concentration of the supernatant.
9. The expansion of this facility to 18 million gallons per day is designed to accommodate wastewater flow currently being treated at another facility (City of Laredo Zacate Creek WWTP, WQ0010681002). The Zacate Creek facility will be closed after its wastewater flow is diverted. The modeling analysis was performed assuming cessation of discharge from the Zacate Creek facility.

ATTACHMENT I:
TCEQ ePAY RECEIPT

TCEQ ePay Receipt

Transaction Information

Trace Number: 582EA000670419
Date: 05/30/2025 05:43 PM
Payment Method: CC - Authorization 0000274098
ePay Actor: CESAR CAVAZOS
TCEQ Amount: \$515.00
Texas.gov Fee: \$11.84
Texas.gov Price: \$526.84*

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

Payment Contact Information

Name: IGNACIO HINOJOSA
Company: ARDURRA GROUP INC
Address: 6909 SPRINGFIELD AVE, LAREDO, TX 78041
Phone: 956-251-9985

Cart Items

Voucher	Fee Description	AR Number	Amount
768979	WW PERMIT - FACILITY WITH FLOW >= .05 & < .10 MGD - RENEWAL		\$500.00
768980	30 TAC 305.53B WQ RENEWAL NOTIFICATION FEE		\$15.00
		TCEQ Amount:	\$515.00

TCEQ ePay Voucher Receipt

Transaction Information

Voucher Number: 768979
Trace Number: 582EA000670419
Date: 05/30/2025 05:43 PM
Payment Method: CC - Authorization 0000274098
Voucher Amount: \$500.00
Fee Type: WW PERMIT - FACILITY WITH FLOW >= .05 & < .10 MGD - RENEWAL
ePay Actor: CESAR CAVAZOS

Payment Contact Information

Name: IGNACIO HINOJOSA
Company: ARDURRA GROUP INC
Address: 6909 SPRINGFIELD AVE, LAREDO, TX 78041
Phone: 956-251-9985

Site Information

Site Name: PENITAS WASTEWATER TREATMENT FACILITY
Site Address: 478 RANCHO PENITAS ROAD, LAREDO, TX 78045 7909
Site Location: 9865 FEET WEST OF THE INTERSECTION OF FARM-TO-MARKET ROAD 3338
AND RANCHO PENIT

Customer Information

Customer Name: CITY OF LAREDO
Customer Address: 1110 HOUSTON STREET, LAREDO, TX 78040 8019

Other Information

Program Area ID: 0010681007

TCEQ ePay Voucher Receipt

Transaction Information

Voucher Number:	768980
Trace Number:	582EA000670419
Date:	05/30/2025 05:43 PM
Payment Method:	CC - Authorization 0000274098
Voucher Amount:	\$15.00
Fee Type:	30 TAC 305.53B WQ RENEWAL NOTIFICATION FEE
ePay Actor:	CESAR CAVAZOS

Payment Contact Information

Name:	IGNACIO HINOJOSA
Company:	ARDURRA GROUP INC
Address:	6909 SPRINGFIELD AVE, LAREDO, TX 78041
Phone:	956-251-9985

Comisión de Calidad Ambiental del Estado de Texas



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

PERMISO NO. WQ0010681007

SOLICITUD. Ciudad de Laredo, 1110 Houston Street, Laredo, Texas 78040, ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para renovar el Permiso No. WQ0010681007 (EPA I.D. No. TX0131776) del Sistema de Eliminación de Descargas de Contaminantes de Texas (TPDES) para autorizar la descarga de aguas residuales tratadas en un volumen que no sobrepasa un flujo promedio diario de 72,000 galones por día. La planta está ubicada aproximadamente a 9,865 pies al oeste de la intersección de la carretera Farm-to-Market 3338 (Las Tiendas) y la carretera Rancho Peñitas, cerca de la ciudad de Laredo, en el Condado de Webb, Texas 78045. La ruta de descarga es del sitio de la planta a un afluente sin nombre; de ahí al arroyo Santa Isabel; y posteriormente al Rio Grande, debajo de la Presa Amistad. La TCEQ recibió esta solicitud el 4 de Junio del 2025. La solicitud para el permiso estará disponible para leerla y copiarla Joe A. Guerra Laredo Public Library, Reference Desk, 1102 East Calton Road, Laredo, in Webb County, Texas antes de la fecha de publicación de este aviso en el periódico. La solicitud (cualquier actualización y aviso inclusive) está disponible electrónicamente en la siguiente página web:

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

Este enlace a un mapa electrónico de la ubicación general del sitio o de la instalación es proporcionado como una cortesía y no es parte de la solicitud o del aviso. Para la ubicación exacta, consulte la solicitud.

<https://gisweb.tceq.texas.gov/LocationMapper/?marker=-99.619722,27.676944&level=18>

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

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

COMENTARIO PUBLICO / REUNION PUBLICA. Usted puede presentar comentarios públicos

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

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

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

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

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

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

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

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

También se puede obtener información adicional de la Ciudad de Laredo a la dirección indicada arriba o llamando a Mr. Eliud De Los Santos, P.E., Interim Utilities Director al 956-721-2000

Fecha de emisión: 2 de julio de 2025

June 24, 2025

Mr. Brandon Maldonado
Applications Review and Processing Team (MC 148)
Water Quality Division
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, Texas 78711-3087

Re: Response to June 13, 2025, TCEQ Notice of Deficiency
Application to Renew Permit No.: WQ0010681007 (EPA I.D. No. TX0131776)
Applicant Name: City of Laredo (CN600131908)
Site Name: Penitas WWTP (RN105624498)
Type of Application: Renewal without changes

VIA EMAIL

Dear Mr. Maldonado,

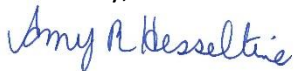
On behalf of the City of Laredo and in response to the Notice of Deficiency (NOD) issued by TCEQ on June 13, 2025, Ardurra Group, Inc. is submitting the following updated documents for the referenced permit application:

- The most recent version of the Plain Language Summary (PLS) in both English and Spanish
- The updated USGS map
- The translated Spanish version of the NORI. Word version of the Spanish NORI is provided by email to Brandon.Maldonado@tceq.texas.gov.

Additionally, Ardurra has reviewed the NORI information in English referenced in Item 4 of the NOD and found no discrepancies. A hard copy of the complete submittal has already been mailed to TCEQ. Please confirm receipt or advise if a duplicate copy is needed.

Please do not hesitate to contact me at (361) 883-1984 or ahesseltine@ardurra.com if you need anything further.

Sincerely,



Amy Hesseltine, P.E.
Environmental Group Leader

cc: Brandon Maldonado, Brandon.Maldonado@tceq.texas.gov

Enclosures (3)

Enclosure 1
Plain Language Summary (PLS)
English and Spanish

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

DOMESTIC WASTEWATER/STORMWATER

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

City of Laredo (CN600131908) operates Penitas Wastewater Treatment Plant (RN105624498), a facility that treats domestic wastewater. The facility is located at approximately 9,865 feet west of the intersection of Fart-to-Market Road 3338 (Las Tiendas) and Rancho Penitas Road, in Laredo, Webb County, Texas 78045.

This renewal application will allow the facility to discharge treated wastewater; the daily average flow of effluent shall not exceed 0.072 million gallons per day (MGD).

Discharges from the facility are expected to contain Biochemical Oxygen Demand (CBOD₅) (5-day), Total Suspended Solids (TSS), and Ammonia Nitrogen (NH₃-N). The municipal wastewater is treated by using a conventional treatment process which includes a bar screen, grit removal, digesters, aeration basin, clarifier, and chlorine contact chamber.

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

AGUAS RESIDUALES DOMESTICAS /AGUAS PLUVIALES

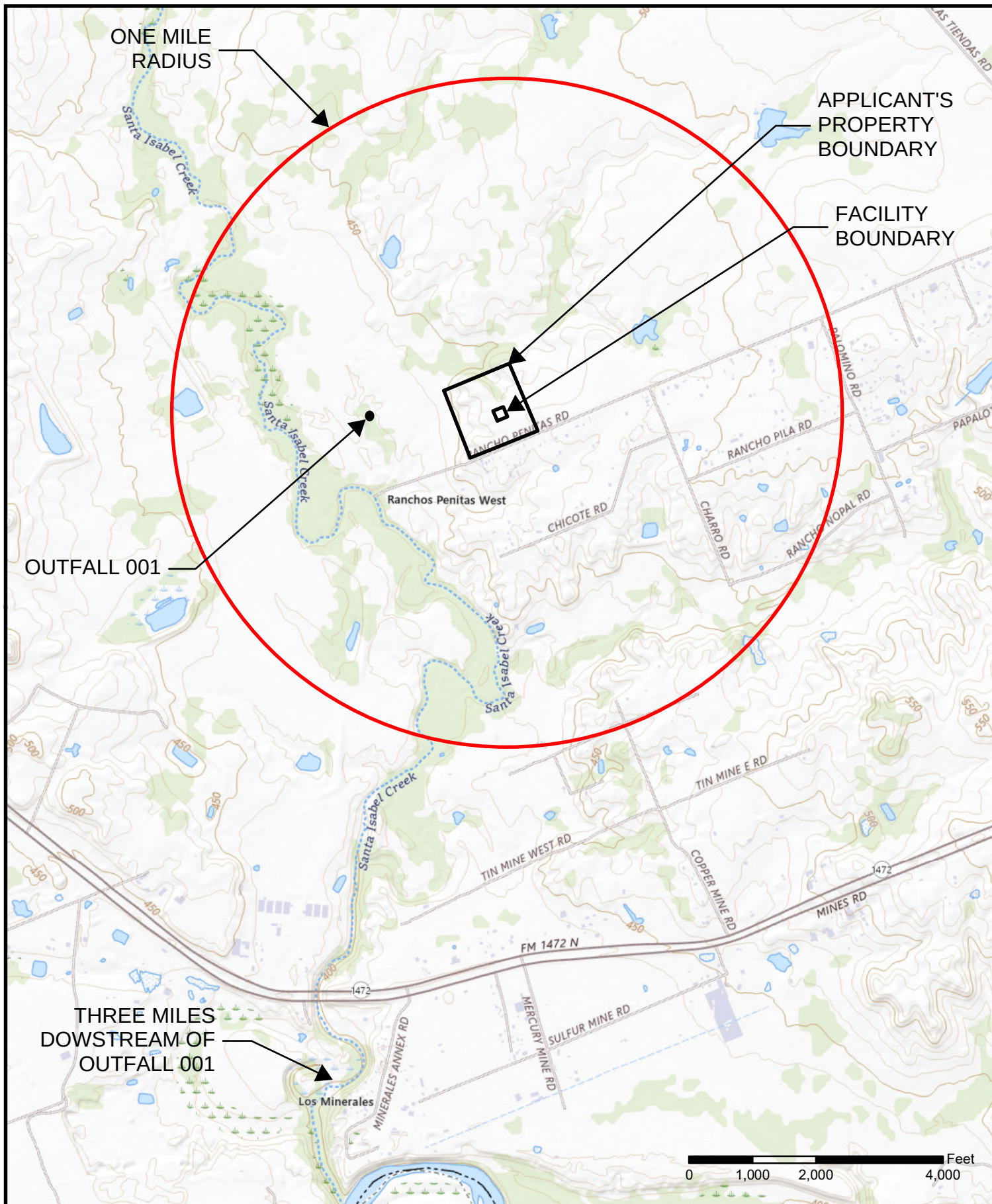
El siguiente resumen se proporciona para esta solicitud de permiso de calidad del agua pendiente que está siendo revisada por la Comisión de Calidad Ambiental de Texas según lo requerido por el Capítulo 39 del Código Administrativo de Texas 30. La información proporcionada en este resumen puede cambiar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

La Ciudad de Laredo (CN600131908) opera la Planta de Tratamiento de Aguas Residuales de Peñitas RN105624498. una planta de tratamiento de aguas residuales domésticas. La instalación está ubicada aproximadamente a 9,865 pies al oeste de la intersección de Farm-to-Market Road 3338 (Las Tiendas) y Rancho Peñitas Road, en Laredo, Condado de Webb, Texas 78045.

Esta solicitud es para la renovación para autorizar la descarga de aguas residuales tratadas a un volumen que no exceda un flujo promedio anual de 0.072 millones de galones por día.

Se espera que las descargas de la instalación contengan una demanda bioquímica carbonosa de oxígeno (CBOD₅) de cinco días, sólidos suspendidos totales (TSS) y nitrógeno amoniacal (NH₃-N). Las aguas residuales municipales se tratan mediante el proceso de tratamiento convencional y las unidades de tratamiento incluyen rejilla de barras, desarenador, digestores aeróbicos, cuencas de aireación, clarificadores y cuencas de contacto con cloro.

Enclosure 2
USGS Map



6909 Springfield Avenue, Suite 300
Laredo, Texas 78041
Phone: (956) 462-5511
www.Ardurra.com
Engineering License #F-10053

ATTACHMENT C.1: USGS Map
City of Laredo
Penitas WWTF
TPDES Permit Renewal

Ardurra Proj. No.	220176
Date	6/23/2025
Scale	1 inch = 2,000 feet
File	Penitas WWTF-USGS MAP
Drafted	CC



Enclosure 3
Translated Spanish NORI
(Word Document Version Emailed)

Brandon Maldonado

From: Brandon Maldonado
Sent: Wednesday, June 25, 2025 4:56 PM
To: Amy Hesseltine
Cc: edelossant@ci.laredo.tx.us; Cesar Cavazos; Ignacio Hinojosa; Luis Garza Castillo
Subject: RE: Application to Renew Permit No. WQ0010681007 - Notice of Deficiency Letter

Good afternoon,

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

Please let me know if you have any questions.

Regards,



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

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

From: Amy Hesseltine <ahesseltine@ardurra.com>
Sent: Wednesday, June 25, 2025 12:16 PM
To: Brandon Maldonado <Brandon.Maldonado@tceq.texas.gov>
Cc: edelossant@ci.laredo.tx.us; Cesar Cavazos <ccavazos@ardurra.com>; Ignacio Hinojosa <ihinojosa@ardurra.com>; Luis Garza Castillo <lcastillo@ardurra.com>
Subject: RE: Application to Renew Permit No. WQ0010681007 - Notice of Deficiency Letter

Mr. Maldonado,

A response to your June 13, 2025 NOD for Application to Renew Permit No. WQ0010681007 is attached. A translated Spanish NORI in a Microsoft Word document is also attached.

Sincerely,



Amy Hesseltine, P.E.
Environmental Group Leader
O: 361.883.1984 | D: 361.866.2143 | M: 361.960.0557
801 Navigation Blvd, Suite 300
Corpus Christi, Texas 78408
ahesseltine@ardurra.com | www.ardurra.com

From: Brandon Maldonado <Brandon.Maldonado@tceq.texas.gov>
Sent: Friday, June 13, 2025 4:57 PM
To: edelossant@ci.laredo.tx.us
Cc: Amy Hesseltine <ahesseltine@ardurra.com>
Subject: Application to Renew Permit No. WQ0010681007 - Notice of Deficiency Letter

Dear Mr. De Los Santos

The attached Notice of Deficiency (NOD) letter sent on **June 13, 2025**, requests additional information needed to declare the application administratively complete. Please send complete response to my attention by **June 27, 2025**.

Please let me know if you have any questions.

Regards,



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

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