Administrative Package Cover Page

This file contains the following documents:

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

Portada de Paquete Administrativo

Este archivo contiene los siguientes documentos:

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

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

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

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

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

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

ENGLISH TEMPLATE FOR TPDES or TLAP NEW/RENEWAL/AMENDMENT APPLICATIONS DOMESTIC WASTEWATER/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.

The City of Laredo (CN600131908) operates South Laredo Wastewater Treatment Facility (RN103026126), an activated sludge process plant operated in complete mix mode. The facility is located at 309 River Front Street, in Laredo, Webb County, Texas 78046. This application is to discharge treated wastewater at an annual average flow of 18,000,000 gallons per day.

Discharges from the facility are expected to contain five-day biochemical oxygen demand, total suspended solids, and *E. coli*. Domestic wastewater is treated by three bar screens, three aeration basins, four clarifiers, two chlorine contact basins, one aerated sludge holding tank, and a gravity thickener.

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 Planta de Tratamiento de Aguas Residuales del South Laredo (RN103026126), un planta de procesamiento de lodos activados operada en modo de mezcla completa. La instalación está ubicada en 309 River Front Street, en Laredo, Condado de Webb, Texas 78046. Esta aplicación es para descargar aguas residuales tratadas a un flujo promedio anual de 18,000,000 galones por día.

Se espera que las descargas de la instalación contengan demanda bioquímica de oxígeno de cinco días, sólidos suspendidos totales y *E. coli*. Aguas residuales domésticas están tratado por tres cribas de barra, tres cuencas de aireación, cuatro clarificadores, dos cuencas de contacto con cloro, un tanque de retención de lodos aireados y un espesador por gravedad.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

PERMIT NO. WQ0010681003

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. WQ0010681003 (EPA I.D. No. TX0085316) to authorize the discharge of treated wastewater at a volume not to exceed an annual average flow of 18,000,000 gallons per day. The domestic wastewater treatment facility is located at 309 River Front Street, in the city of Laredo, in Webb County, Texas 78046. The discharge route is from the plant site directly to Rio Grande Below Amistad Reservoir. TCEQ received this application on July 9, 2025. The permit application will be available for viewing and copying at Joe A. Guerra Laredo Public Library, 1st Floor, 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=-99.49009,27.447731&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. Ramon Chavez, P.E., Engineering Department Director, at 956-791-7302.

Issuance Date: July 29, 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. WQ0010681003

SOLICITUD. La 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. WQ0010681003 (EPA I.D. No. TX0085316) 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 18,000,000 galones por día. La planta está ubicada 309 River Front Street en el Condado de Webb, Texas 78046. La ruta de descarga es del sitio de la planta directamente a Río Grande debajo del embalse de la Amistad. La TCEQ recibió esta solicitud el 9 de julio de 2025. La solicitud para el permiso estará disponible para leerla y copiarla en Biblioteca Pública Joe A. Guerra de Laredo, 1.er piso, Mostrador de referencia, 1120 East Calton Road, Laredo, Condado de Webb, 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=-99.490090,27.447731&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 especifico. Si desea que se agrega su nombre en una de las listas designe cual lista(s) y envía por correo su pedido a la Oficina del Secretario Principal de la TCEQ.

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

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

También se puede obtener información adicional del la Ciudad de Laredo a la dirección indicada arriba o llamando a Sr. Ramon Chavez, P.E. al 956-791-7302.

Fecha de emisión: 29 de julio de 2025

PLUMMER

1107-009-01:C

July 9, 2025

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

Re: City of Laredo (CN600131908)
South Laredo Wastewater Treatment Facility (RN103026126)
Application for Renewal of Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0010681003

To Whom It May Concern:

On behalf of the City of Laredo, Plummer Associates, Inc. (Plummer) submits one original and one copy of a TPDES permit application for the above-referenced facility. The application fee of $2,015.00 has been submitted under separate cover.

Please feel free to contact me at tkoenings@plummer.com or (512) 923-5580 if you have any questions regarding this submittal.

Sincerely,

PLUMMER
TBPE Firm Registration No. F-13

Tres Koenings

Tres Koenings
Senior Project Manager

Enclosures: Domestic TPDES Permit Renewal Application (1 Original)

cc: Mr. Tomas Hernandez, Wastewater Superintendent, City of Laredo

CITY OF LAREDO

SOUTH LAREDO WASTEWATER TREATMENT FACILITY

TPDES PERMIT RENEWAL APPLICATION PERMIT NO. WQ0010681003

SUBMITTED TO:
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

JULY 2025

PROJECT #: 1107-009-01:C

PLUMMER

CITY OF LAREDO
SOUTH LAREDO WASTEWATER TREATMENT FACILITY
TPDES PERMIT RENEWAL APPLICATION

TABLE OF CONTENTS

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): WQ0010681003

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 _____

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: 117396

Check/Money Order Amount: $2,015.00

Name Printed on Check: Plummer

EPAY — Voucher Number: N/A

Copy of Payment Voucher enclosed? Yes ☐ N/A

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 - Renewal

f. **For existing permits**:

Permit Number: WQ0010681003

EPA I.D. (TPDES only): TX 0085316

Expiration Date: January 5, 2026

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

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

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

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. 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: Hernandez, Tomas

Title: Wastewater Superintendent Credential: N/A

Organization Name: City of Laredo

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

Phone No.: (956) 721-2022 E-mail Address: thernandez@ci.laredo.tx.us

Check one or both: ☒ Administrative Contact ☒ Technical Contact

B. Prefix: Mr. Last Name, First Name: Koenings, Tres

Title: Senior Project Manager Credential: N/A

Organization Name: Plummer Associates, Inc.

Mailing Address: 8911 N Capital of Tx Highway, Building 1, Ste 1250

City, State, Zip Code: Austin, TX 78759

Phone No.: (512) 923-5580 E-mail Address: tkoenings@plummer.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: Chavez, Ramon

Title: Engineering Department Director Credential: P.E.

Organization Name: City of Laredo

Mailing Address: 1110 Houston Street City, State, Zip Code: Laredo, TX 78040

Phone No.: (956) 791-7302 E-mail Address: rchavez@ci.laredo.tx.us

B. Prefix: Mr. Last Name, First Name: Hernandez, Tomas

Title: Wastewater Superintendent Credential: N/A

Organization Name: City of Laredo

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

Phone No.: (956) 721-2022 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: Hernandez, Tomas

Title: Wastewater Superintendent Credential: N/A

Organization Name: City of Laredo

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

Phone No.: (956) 721-2022 E-mail Address: thernandez@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: Hernandez, Tomas

Title: Wastewater Superintendent Credential: N/A

Organization Name: City of Laredo

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

Phone No.: (956) 721-2022 E-mail Address: thernandez@ci.laredo.tx.us

Section 8. Public Notice Information (Instructions Page 27)

A. Individual Publishing the Notices

Prefix: Ms. Last Name, First Name: Garoutte, Alexandra

Title: Scientist in Training III Credential: N/A

Organization Name: Plummer Associates, Inc.

Mailing Address: 8911 N Capital of Tx Highway, Building 1, Ste 1250

City, State, Zip Code: Austin, TX 78759

Phone No.: (737) 304-7204 E-mail Address: ahughes@plummer.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: Chavez, Ramon

Title: Engineering Department Director Credential: P.E.

Organization Name: City of Laredo

Mailing Address: 1110 Houston Street City, State, Zip Code: Laredo, TX 78040

Phone No.: (956) 791-7302 E-mail Address: rchavez@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: 1120 E. Calton Rd.

City: Laredo County: Webb

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

Phone No.: (956) 795-2400 Ext.: 2222

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 - Renewal

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** 103026126

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):

South Laredo 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: 1110 Houston Street City, State, Zip Code: Laredo, TX 78041

Phone No.: (956) 791-7302 E-mail Address: rachavez@ci.laredo.tx.us

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 N/A

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: Webb, Zapata, and Starr Counties

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 N/A – Not a TLAP

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: Tres Koenings, Alexandra Garoutte, Plummer Associates Inc.

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: See Attachment C

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

☐ Attachment 1 for Individuals as co-applicants

☒ Other Attachments. Please specify: See Table of Contents

Section 14. Signature Page (Instructions Page 34)

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

Permit Number: WQ0010681003

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): Joseph Neeb

Signatory title: City Manager

Signature: Joseph W Neeb Date: 7/3/25

(Use blue ink)

Subscribed and Sworn to before me by the said Joseph W. Neeb

on this 3rd day of July, 20 25.

My commission expires on the 8th day of February, 20 26.

Martha A. Navarro

Notary Public *[SEAL]*

Webb

County, Texas

MARTHA A NAVARRO
Notary ID #133578494
My Commission Expires
February 8, 2026

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

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): 18

2-Hr Peak Flow (MGD): 72

Estimated construction start date: N/A - Existing

Estimated waste disposal start date: N/A - Existing

B. Interim II Phase

Design Flow (MGD): N/A

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

Estimated construction start date: N/A

Estimated waste disposal start date: N/A

C. Final Phase

Design Flow (MGD): 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: 1983

Section 2. Treatment Process (Instructions Page 42)

A. Current Operating Phase

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

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

The South Laredo Wastewater Treatment Facility is an activated sludge process plant operated in complete mix mode. Treatment units include two mechanical bar screens, one manual bar screen, three aeration basins, four clarifiers, two chlorine contact basins, one aerated sludge holding tank, one gravity thickener, and a sludge dewatering building. Sludge generated from the treatment facility is currently hauled by a registered transporter and disposed of at authorized landfills.

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)
See Attachment E		

C. Process Flow Diagram

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

Attachment: F

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

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

- Latitude: 27.445931
- Longitude: -99.494992

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: G

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

This facility serves the southern part of the City of Laredo.

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	City of Laredo	Publicly Owned	93,000

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 N/A

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 N/A

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: 9/13/2016

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 N904 or TXRNE

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

☐ Yes ☐ No N/A

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.

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 See Attachment H

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

In addition, provide the date the plant started or is anticipated to start accepting sludge, an estimate of monthly sludge acceptance (gallons or millions of gallons), an estimate of the BOD_5 concentration of the sludge, and the design BOD_5 concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.

See Attachment H

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

2. Acceptance of septic waste

Is the facility accepting or will it accept septic waste?

☒ Yes ☐ No

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

☐ Yes ☒ No

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

☐ Yes ☒ No

If yes to any of the above, provide the date the plant started or is anticipated to start accepting septic waste, an estimate of monthly septic waste acceptance (gallons or millions of gallons), an estimate of the BOD_5 concentration of the septic waste, and the design BOD_5 concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.

The South Laredo WWTF began accepting septic waste in 1983. The septic waste acceptance rate ranges from 5,000 to 10,000 gallons per day. The estimated BOD5 concentration of the septic waste is 350 mg/L. This information has not changed since the last permit application.

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 See Attachment I

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). **W*ater 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	<2.0	<2.0	1	Comp	6/11/25; 10:00 a.m.
Total Suspended Solids, mg/l	<8.3	<8.3	1	Comp	6/11/25; 10:00 a.m.
Ammonia Nitrogen, mg/l	0.091	0.091	1	Comp	6/11/25; 10:00 a.m.
Nitrate Nitrogen, mg/l	20	20	1	Comp	6/11/25; 10:00 a.m.
Total Kjeldahl Nitrogen, mg/l	0.57	0.57	1	Comp	6/11/25; 10:00 a.m.
Sulfate, mg/l	260	260	1	Comp	6/11/25; 10:00 a.m.
Chloride, mg/l	210	210	1	Comp	6/11/25; 10:00 a.m.
Total Phosphorus, mg/l	4.5	4.5	1	Comp	6/11/25; 10:00 a.m.
pH, standard units	7.1	7.1	1	Comp	6/11/25; 10:00 a.m.
Dissolved Oxygen*, mg/l	11	11	1	Comp	6/11/25; 10:00 a.m.
Chlorine Residual, mg/l	0.45	0.45	1	Comp	6/11/25; 10:00 a.m.
E.coli (CFU/100ml) freshwater	<1.0	<1.0	1	Comp	6/11/25; 10:25 a.m.
Entercocci (CFU/100ml) saltwater	N/A	N/A	N/A	N/A	N/A
Total Dissolved Solids, mg/l	1100	1100	1	Comp	6/11/25; 10:00 a.m.
Electrical Conductivity, µmohs/cm, †	N/A	N/A	N/A	N/A	N/A
Oil & Grease, mg/l	2.4	2.4	1	Comp	6/11/25; 10:00 a.m.
Alkalinity ($CaCO_3$)*, mg/l	47	47	1	Comp	6/11/25; 10:00 a.m.

*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 – Not a water treatment facility.				
Total Dissolved Solids, mg/l					

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
pH, standard units					
Fluoride, mg/l					
Aluminum, mg/l					
Alkalinity ($CaCO_3$), mg/l					

Section 8. Facility Operator (Instructions Page 49)

Facility Operator Name: Thomas Hernandez

Facility Operator's License Classification and Level: Class A

Facility Operator's License Number: WW0011735

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

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

Check all that apply. See instructions for guidance

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

B. WWTP's Sewage Sludge or Biosolids Treatment Process

Check all that apply. See instructions for guidance.

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

☒ Thickening (e.g. gravity thickening, centrifugation, filter press, vacuum filter)

☐ Sludge Lagoon

☐ Temporary Storage (< 2 years)

☐ Long Term Storage (>= 2 years)

☐ Methane or Biogas Recovery

☐ Other Treatment Process:

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	Off-site Third-Party Preparer	Not Applicable	N/A	N/A	N/A: Disposal in Landfill

If "Other" is selected for Management Practice, please explain (e.g. monofill or transport to another WWTP):

D. Disposal site

Disposal site name: City of Laredo Landfill; Republic Services Tessman Road Landfill; Ponderosa Regional Landfill

TCEQ permit or registration number: City of Laredo MSWD# 1693B; Republic Services MSWD# 1410C; Ponderosa MSWD# 2286

County where disposal site is located: Webb and Bexar

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 N/A

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 N/A

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 $1x10^{-7}$ cm/sec?

☐ Yes ☐ No N/A

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 N/A

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:

Reuse Authorization # R10681003 and R10681003A.

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 Neeb

Title: City Manager

Signature: _____

Date: 7/3/25

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 it 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: N/A

A. Receiving water type

Identify the appropriate description of the receiving waters.

☐ Stream

☐ Freshwater Swamp or Marsh

☐ Lake or Pond

Surface area, in acres: N/A

Average depth of the entire water body, in feet: N/A

Average depth of water body within a 500-foot radius of discharge point, in feet: N/A

☐ Man-made Channel or Ditch

☐ Open Bay

☐ Tidal Stream, Bayou, or Marsh

☐ Other, specify:

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: N/A

C. Downstream perennial confluences

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

N/A

D. Downstream characteristics

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

☐ Yes ☐ No

If yes, discuss how.

N/A

E. Normal dry weather characteristics

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

N/A

Date and time of observation: N/A

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
☐ Upstream discharges
☐ Septic tanks
☐ Urban runoff
☐ Agricultural runoff
☐ Other(s), specify: N/A

B. Waterbody uses

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

- ☐ Livestock watering
- ☐ Irrigation withdrawal
- ☐ Fishing
- ☐ Domestic water supply
- ☐ Park activities
- ☐ Contact recreation
- ☐ Non-contact recreation
- ☐ Navigation
- ☐ Industrial water supply
- ☐ Other(s), specify: N/A

C. Waterbody aesthetics

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

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

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 4.0: POLLUTANT ANALYSIS REQUIREMENTS

The following **is required** for facilities with a permitted or proposed flow of **1.0 MGD or greater**, facilities with an approved **pretreatment** program, or facilities classified as a **major** facility. See instructions for further details.

This worksheet is not required minor amendments without renewal.

Section 1. Toxic Pollutants (Instructions Page 76)

For pollutants identified in Table 4.0(1), indicate the type of sample.

Grab ☒ Composite ☒

Date and time sample(s) collected: See Attachment I

Note: Missing parameters will be provided at a later date.

Table 4.0(1) – Toxics Analysis

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Acrylonitrile	<50	<50		50
Aldrin	<0.01	<0.01	1	0.01
Aluminum	30.5	47	4	2.5
Anthracene				10
Antimony	<5	<5	4	5
Arsenic	1.23	1.6	4	0.5
Barium	61	71	4	3
Benzene	<10	<10	1	10
Benzidine				50
Benzo(a)anthracene				5
Benzo(a)pyrene				5
Bis(2-chloroethyl)ether				10
Bis(2-ethylhexyl)phthalate				10
Bromodichloromethane	59	59	1	10
Bromoform	<10	<10	1	10
Cadmium	<1	<1	4	1
Carbon Tetrachloride	<2	<2	1	2
Carbaryl	<5	<5	1	5
Chlordane*	<0.2	<0.2	1	0.2
Chlorobenzene	<10	<10	1	10
Chlorodibromomethane	21	21	1	10

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Chloroform	93	93	1	10
Chlorpyrifos	<0.05	<0.05	1	0.05
Chromium (Total)	<3	<3	4	3
Chromium (Tri) **(*1)**	<3	<3	1	N/A
Chromium (Hex)	<3	<3	1	3
Copper	5.23	7.6	4	2
Chrysene				5
p-Chloro-m-Cresol				10
4,6-Dinitro-o-Cresol				50
p-Cresol				10
Cyanide **(*2)**	<10	12	4	10
4,4'- DDD	<0.1	<0.1	1	0.1
4,4'- DDE	<0.1	<0.1	1	0.1
4,4'- DDT	<0.02	<0.02	1	0.02
2,4-D				0.7
Demeton (O and S)	<0.2	<0.2	1	0.20
Diazinon	<0.5	<0.5	1	0.5/0.1
1,2-Dibromoethane	<10	<10	1	10
m-Dichlorobenzene				10
o-Dichlorobenzene				10
p-Dichlorobenzene				10
3,3'-Dichlorobenzidine				5
1,2-Dichloroethane	<10	<10	1	10
1,1-Dichloroethylene	<10	<10	1	10
Dichloromethane				20
1,2-Dichloropropane	<10	<10	1	10
1,3-Dichloropropene	<10	<10	1	10
Dicofol	<1	<1	1	1
Dieldrin	<0.02	<0.02	1	0.02
2,4-Dimethylphenol				10
Di-n-Butyl Phthalate				10
Diuron	<0.09	<0.09	1	0.09
Endosulfan I (alpha)	<0.01	<0.01	1	0.01

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Endosulfan II (beta)	<0.02	<0.02	1	0.02
Endosulfan Sulfate	<0.1	<0.1	1	0.1
Endrin	<0.02	<0.02	1	0.02
Epichlorohydrin	<7.5	<7.5	1	---
Ethylbenzene	<10	<10	1	10
Ethylene Glycol	1200	1200	1	---
Fluoride	740	740	1	500
Guthion	<0.1	<0.1	1	0.1
Heptachlor	<0.01	<0.01	1	0.01
Heptachlor Epoxide	<0.01	<0.01	1	0.01
Hexachlorobenzene				5
Hexachlorobutadiene				10
Hexachlorocyclohexane (alpha)	<0.05	<0.05	1	0.05
Hexachlorocyclohexane (beta)	<0.05	<0.05	1	0.05
gamma-Hexachlorocyclohexane (Lindane)	<0.05	<0.05	1	0.05
Hexachlorocyclopentadiene				10
Hexachloroethane				20
Hexachlorophene	<10	<10	1	10
4,4'-Isopropylidenediphenol				1
Lead	<0.5	<0.5	4	0.5
Malathion	<0.1	<0.1	1	0.1
Mercury	<0.005	0.006	3	0.005
Methoxychlor	<2	<2	1	2
Methyl Ethyl Ketone	<50	<50	1	50
Methyl tert-butyl ether	<1.4	<1.4	1	---
Mirex	<0.02	<0.02	1	0.02
Nickel	2.63	3.3	4	2
Nitrate-Nitrogen	25000	25000	1	100
Nitrobenzene				10
N-Nitrosodiethylamine				20
N-Nitroso-di-n-Butylamine				20
Nonylphenol	<333	<333	1	333

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Parathion (ethyl)	<0.1	<0.1	1	0.1
Pentachlorobenzene				20
Pentachlorophenol				5
Phenanthrene				10
Polychlorinated Biphenyls (PCB's) **(*3)**	<0.2	<0.2	1	0.2
Pyridine				20
Selenium	<5	<5	4	5
Silver	<0.5	<0.5	4	0.5
1,2,4,5-Tetrachlorobenzene				20
1,1,2,2-Tetrachloroethane	<10	<10	1	10
Tetrachloroethylene	<10	<10	1	10
Thallium	<0.5	<0.5	1	0.5
Toluene	<10	<10	1	10
Toxaphene				0.3
2,4,5-TP (Silvex)				0.3
Tributyltin (see instructions for explanation)	<0.01	<0.01	1	0.01
1,1,1-Trichloroethane	<10	<10	1	10
1,1,2-Trichloroethane	<10	<10	1	10
Trichloroethylene	<10	<10	1	10
2,4,5-Trichlorophenol				50
TTHM (Total Trihalomethanes)	170	170	1	10
Vinyl Chloride	<10	<10	1	10
Zinc	35.8	51	1	5

(*1) Determined by subtracting hexavalent Cr from total Cr.

(*2) Cyanide, amenable to chlorination or weak-acid dissociable.

(*3) The sum of seven PCB congeners 1242, 1254, 1221, 1232, 1248, 1260, and 1016.

Section 2. Priority Pollutants

For pollutants identified in Tables 4.0(2)A-E, indicate type of sample.

Grab ☒ Composite ☒

Date and time sample(s) collected: See Attachment I

Table 4.0(2)A – Metals, Cyanide, and Phenols

Pollutant	**AVG Effluent Conc. (µg/l)**	**MAX Effluent Conc. (µg/l)**	**Number of Samples**	**MAL (µg/l)**
Antimony	<5	<5	4	5
Arsenic	1.23	1.6	4	0.5
Beryllium	<0.5	<0.5	4	0.5
Cadmium	<1	<1	4	1
Chromium (Total)	<3	<3	4	3
Chromium (Hex)	<3	<3	1	3
Chromium (Tri) **(*1)**	<3	<3	1	N/A
Copper	5.23	7.6	4	2
Lead	<0.5	<0.5	1	0.5
Mercury	<0.005	0.006	3	0.005
Nickel	2.63	3.3	4	2
Selenium	<5	<5	4	5
Silver	<0.5	<0.5	4	0.5
Thallium	<0.5	<0.5	4	0.5
Zinc	35.8	51	4	5
Cyanide **(*2)**	<10	12	4	10
Phenols, Total	<10	14	4	10

(*1) Determined by subtracting hexavalent Cr from total Cr.

(*2) Cyanide, amenable to chlorination or weak-acid dissociable

Table 4.0(2)B – Volatile Compounds

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Acrolein	<50	<50	1	50
Acrylonitrile	<50	<50	1	50
Benzene	<10	<10	1	10
Bromoform	<10	<10	1	10
Carbon Tetrachloride	<2	<2	1	2
Chlorobenzene	<10	<10	1	10
Chlorodibromomethane	21	21	1	10
Chloroethane	<50	<50	1	50
2-Chloroethylvinyl Ether	<10	<10	1	10
Chloroform	93	93	1	10
Dichlorobromomethane [Bromodichloromethane]	59	59	1	10
1,1-Dichloroethane	<10	<10	1	10
1,2-Dichloroethane	<10	<10	1	10
1,1-Dichloroethylene	<10	<10	1	10
1,2-Dichloropropane	<10	<10	1	10
1,3-Dichloropropylene [1,3-Dichloropropene]	<10	<10	1	10
1,2-Trans-Dichloroethylene	<10	<10	1	10
Ethylbenzene	<10	<10	1	10
Methyl Bromide	<50	<50	1	50
Methyl Chloride	<50	<50	1	50
Methylene Chloride	<20	<20	1	20
1,1,2,2-Tetrachloroethane	<10	<10	1	10
Tetrachloroethylene	<10	<10	1	10
Toluene	<10	<10	1	10
1,1,1-Trichloroethane	<10	<10	1	10
1,1,2-Trichloroethane	<10	<10	1	10
Trichloroethylene	<10	<10	1	10
Vinyl Chloride	<10	<10	1	10

Table 4.0(2)C – Acid Compounds

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
2-Chlorophenol	Missing parameters will be provided at a later date.			10
2,4-Dichlorophenol				10
2,4-Dimethylphenol				10
4,6-Dinitro-o-Cresol				50
2,4-Dinitrophenol				50
2-Nitrophenol				20
4-Nitrophenol				50
P-Chloro-m-Cresol				10
Pentalchlorophenol				5
Phenol				10
2,4,6-Trichlorophenol				10

Table 4.0(2)D – Base/Neutral Compounds

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Acenaphthene	Missing parameters will be provided at a later date.			10
Acenaphthylene				10
Anthracene				10
Benzidine				50
Benzo(a)Anthracene				5
Benzo(a)Pyrene				5
3,4-Benzofluoranthene				10
Benzo(ghi)Perylene				20
Benzo(k)Fluoranthene				5
Bis(2-Chloroethoxy)Methane				10
Bis(2-Chloroethyl)Ether				10
Bis(2-Chloroisopropyl)Ether				10
Bis(2-Ethylhexyl)Phthalate				10
4-Bromophenyl Phenyl Ether				10
Butyl benzyl Phthalate				10
2-Chloronaphthalene				10
4-Chlorophenyl phenyl ether				10
Chrysene				5
Dibenzo(a,h)Anthracene				5
1,2-(o)Dichlorobenzene				10
1,3-(m)Dichlorobenzene				10
1,4-(p)Dichlorobenzene				10
3,3-Dichlorobenzidine				5
Diethyl Phthalate				10
Dimethyl Phthalate				10
Di-n-Butyl Phthalate				10
2,4-Dinitrotoluene				10
2,6-Dinitrotoluene				10
Di-n-Octyl Phthalate				10
1,2-Diphenylhydrazine (as Azo-benzene)				20
Fluoranthene				10

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Fluorene				10
Hexachlorobenzene				5
Hexachlorobutadiene				10
Hexachlorocyclo-pentadiene				10
Hexachloroethane				20
Indeno(1,2,3-cd)pyrene				5
Isophorone				10
Naphthalene				10
Nitrobenzene				10
N-Nitrosodimethylamine				50
N-Nitrosodi-n-Propylamine				20
N-Nitrosodiphenylamine				20
Phenanthrene				10
Pyrene				10
1,2,4-Trichlorobenzene				10

Table 4.0(2)E – Pesticides

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Aldrin	<0.01	<0.01	1	0.01
alpha-BHC (Hexachlorocyclohexane)	<0.05	<0.05	1	0.05
beta-BHC (Hexachlorocyclohexane)	<0.05	<0.05	1	0.05
gamma-BHC (Hexachlorocyclohexane)	<0.05	<0.05	1	0.05
delta-BHC (Hexachlorocyclohexane)	<0.05	<0.05	1	0.05
Chlordane	<0.2	<0.2	1	0.2
4,4-DDT	<0.02	<0.02	1	0.02
4,4-DDE	<0.1	<0.1	1	0.1
4,4,-DDD	<0.1	<0.1	1	0.1
Dieldrin	<0.02	<0.02	1	0.02
Endosulfan I (alpha)	<0.01	<0.01	1	0.01
Endosulfan II (beta)	<0.02	<0.02	1	0.02
Endosulfan Sulfate	<0.1	<0.1	1	0.1
Endrin	<0.02	<0.02	1	0.02
Endrin Aldehyde	<0.1	<0.1	1	0.1
Heptachlor	<0.01	<0.01	1	0.01
Heptachlor Epoxide	<0.01	<0.01	1	0.01
PCB-1242	<0.2	<0.2	1	0.2
PCB-1254	<0.2	<0.2	1	0.2
PCB-1221	<0.2	<0.2	1	0.2
PCB-1232	<0.2	<0.2	1	0.2
PCB-1248	<0.2	<0.2	1	0.2
PCB-1260	<0.2	<0.2	1	0.2
PCB-1016	<0.2	<0.2	1	0.2
Toxaphene				0.3

* For PCBS, if all are non-detects, enter the highest non-detect preceded by a “<”.

Section 3. Dioxin/Furan Compounds

A. Indicate which of the following compounds from may be present in the influent from a contributing industrial user or significant industrial user. Check all that apply.

☐ 2,4,5-trichlorophenoxy acetic acid

Common Name 2,4,5-T, CASRN 93-76-5

☐ 2-(2,4,5-trichlorophenoxy) propanoic acid

Common Name Silvex or 2,4,5-TP, CASRN 93-72-1

☐ 2-(2,4,5-trichlorophenoxy) ethyl 2,2-dichloropropionate

Common Name Erbon, CASRN 136-25-4

☐ 0,0-dimethyl 0-(2,4,5-trichlorophenyl) phosphorothioate

Common Name Ronnel, CASRN 299-84-3

☐ 2,4,5-trichlorophenol

Common Name TCP, CASRN 95-95-4

☐ hexachlorophene

Common Name HCP, CASRN 70-30-4

For each compound identified, provide a brief description of the conditions of its/their presence at the facility.

N/A

B. Do you know or have any reason to believe that 2,3,7,8 Tetrachlorodibenzo-P-Dioxin (TCDD) or any congeners of TCDD may be present in your effluent?

☐ Yes ☒ No

If **yes**, provide a brief description of the conditions for its presence.

N/A

C. If any of the compounds in Subsection A **or** B are present, complete Table 4.0(2)F.

For pollutants identified in Table 4.0(2)F, indicate the type of sample.

Grab ☐ Composite ☐

Date and time sample(s) collected: N/A

Table 4.0(2)F – Dioxin/Furan Compounds

Compound	Toxic Equivalency Factors	Wastewater Concentration (ppq)	Wastewater Equivalents (ppq)	Sludge Concentration (ppt)	Sludge Equivalents (ppt)	MAL (ppq)
2,3,7,8 TCDD	1					10
1,2,3,7,8 PeCDD	0.5					50
2,3,7,8 HxCDDs	0.1					50
1,2,3,4,6,7,8 HpCDD	0.01					50
2,3,7,8 TCDF	0.1					10
1,2,3,7,8 PeCDF	0.05					50
2,3,4,7,8 PeCDF	0.5					50
2,3,7,8 HxCDFs	0.1					50
2,3,4,7,8 HpCDFs	0.01					50
OCDD	0.0003					100
OCDF	0.0003					100
PCB 77	0.0001					0.5
PCB 81	0.0003					0.5
PCB 126	0.1					0.5
PCB 169	0.03					0.5
Total						

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 5.0: TOXICITY TESTING REQUIREMENTS

The following **is required** for facilities with a current operating design flow of**1.0 MGD or greater**, with an EPA-approved **pretreatment** program (or those required to have one under 40 CFR Part 403), or are required to perform Whole Effluent Toxicity testing. See Page 86 of the instructions for further details.

This worksheet is not required minor amendments without renewal.

Section 1. Required Tests

Indicate the number of 7-day chronic or 48-hour acute Whole Effluent Toxicity (WET) tests performed in the four and one-half years prior to submission of the application.

7-day Chronic:	Results of all Whole Effluent Toxicity Tests have been submitted to the TCEQ in accordance with the existing TPDES Permit. See Attachment J for a summary of test result data.
48-hour Acute:	

Section 2. Toxicity Reduction Evaluations (TREs)

Has this facility completed a TRE in the past four and a half years? Or is the facility currently performing a TRE?

☐ Yes ☒ No

If yes, describe the progress to date, if applicable, in identifying and confirming the toxicant.

N/A

Section 3. Summary of WET Tests

If the required biomonitoring test information has not been previously submitted via both the Discharge Monitoring Reports (DMRs) and the Table 1 (as found in the permit), provide a summary of the testing results for all valid and invalid tests performed over the past four and one-half years. Make additional copies of this table as needed.

Table 5.0(1) Summary of WET Tests

Test Date	Test Species	NOEC Survival	NOEC Sub-lethal
	See Attachment J		

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 N/A

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 Attachment K				

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 *i*nstructions?

☐ Yes ☐ No N/A

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

☐ Yes ☐ No N/A

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

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 N/A

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

N/A

CITY OF LAREDO
SOUTH LAREDO WASTEWATER TREATMENT FACILITY
TPDES PERMIT RENEWAL APPLICATION

TABLE OF ATTACHMENTS

ATTACHMENT A

Core Data Form
Admin Rpt 1.0, Section 3.C

TCEQ Use Only

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 103026126**

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)

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

6. Customer Legal Name *(If an individual, print last name first: eg: Doe, John)* — *If new Customer, enter previous Customer below:*

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
☐ 0-20 ☐ 21-100 ☐ 101-250 ☐ 251-500 ☒ 501 and higher

13. Independently Owned and Operated?
☐ **Yes** ☒ **No**

14. Customer Role (Proposed or Actual) – *as it relates to the Regulated Entity listed on this form. Please check one of the following*

☐ Owner ☐ Operator ☒ Owner & Operator
☐ Occupational Licensee ☐ Responsible Party ☐ VCP/BSA Applicant ☐ Other:

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	rchavez@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

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

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

South Laredo Wastewater Treatment Facility

23. Street Address of the Regulated Entity: ***(No PO Boxes)***	309 River Front Street							
	City	Laredo	**State**	TX	**ZIP**	78046	**ZIP + 4**	8935
24. County	Webb							

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

25. Description to Physical Location:	N/A

26. Nearest City	**State**	**Nearest ZIP Code**
Laredo	TX	78046

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

27. Latitude (N) In Decimal:	27.447731		**28. Longitude (W) In Decimal:**	-99.490090	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds

29. Primary SIC Code (4 digits)	**30. Secondary SIC Code** (4 digits)	**31. Primary NAICS Code** (5 or 6 digits)	**32. Secondary NAICS Code** (5 or 6 digits)
4952		221320	

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

Treatment of domestic wastewater

34. Mailing Address:	**5816 Daugherty Ave**							
	City	**Laredo**	**State**	**TX**	**ZIP**	**78041**	**ZIP + 4**	**3337**
35. E-Mail Address:	**thernandez@ci.laredo.tx.us**							

36. Telephone Number	**37. Extension or Code**	**38. Fax Number** *(if applicable)*
(956) 721-2022	**N/A**	**(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.

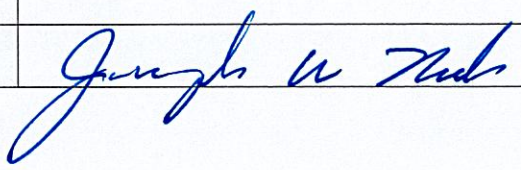
☐ Dam Safety	☐ Districts	☐ Edwards Aquifer	☐ Emissions Inventory Air	☐ Industrial Hazardous Waste
☐ Municipal Solid Waste	☐ New Source Review Air	☐ OSSF	☐ Petroleum Storage Tank	☐ PWS
☐ Sludge	☐ Storm Water	☐ Title V Air	☐ Tires	☐ Used Oil
☐ Voluntary Cleanup	☒ Wastewater	☐ Wastewater Agriculture	☐ Water Rights	☐ Other:
	WQ0010681003			

SECTION IV: Preparer Information

40. Name:	Alexandra Garoutte		**41. Title:**	Scientist in Training III
42. Telephone Number	**43. Ext./Code**	**44. Fax Number**	**45. E-Mail Address**	
(737) 304-7204	N/A	( ) -	ahughes@plummer.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- **7398**
Signature:			**Date:**	7/3/25

ATTACHMENT B

Plain Language Summary
Admin Rpt 1.0, Section 8.F

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

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

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

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

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

ENGLISH TEMPLATE FOR TPDES or TLAP NEW/RENEWAL/AMENDMENT APPLICATIONS DOMESTIC WASTEWATER/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.

The City of Laredo (CN600131908) operates South Laredo Wastewater Treatment Facility (RN103026126), an activated sludge process plant operated in complete mix mode. The facility is located at 309 River Front Street, in Laredo, Webb County, Texas 78046. This application is to discharge treated wastewater at an annual average flow of 18,000,000 gallons per day.

Discharges from the facility are expected to contain five-day biochemical oxygen demand, total suspended solids, and *E. coli*. Domestic wastewater is treated by three bar screens, three aeration basins, four clarifiers, two chlorine contact basins, one aerated sludge holding tank, and a gravity thickener.

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

AGUAS RESIDUALES DOMESTICAS /AGUAS PLUVIALES

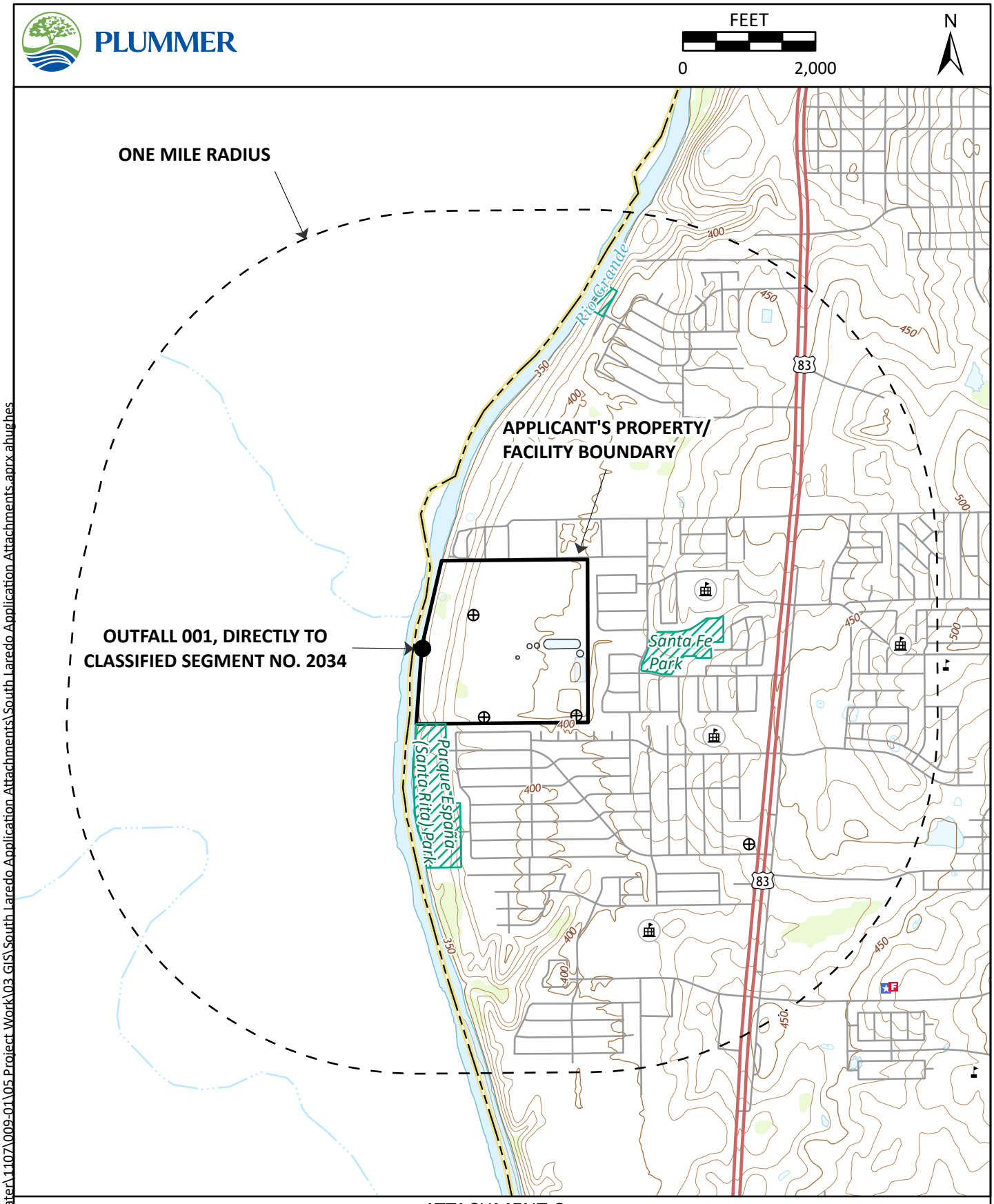
El siguiente resumen se proporciona para esta solicitud de permiso de calidad del agua pendiente que está siendo revisada por la Comisión de Calidad Ambiental de Texas según lo requerido por el Capítulo 39 del Código Administrativo de Texas 30. La información proporcionada en este resumen puede cambiar 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 Planta de Tratamiento de Aguas Residuales del South Laredo (RN103026126), un planta de procesamiento de lodos activados operada en modo de mezcla completa. La instalación está ubicada en 309 River Front Street, en Laredo, Condado de Webb, Texas 78046. Esta aplicación es para descargar aguas residuales tratadas a un flujo promedio anual de 18,000,000 galones por día.

Se espera que las descargas de la instalación contengan demanda bioquímica de oxígeno de cinco días, sólidos suspendidos totales y *E. coli*. Aguas residuales domésticas están tratado por tres cribas de barra, tres cuencas de aireación, cuatro clarificadores, dos cuencas de contacto con cloro, un tanque de retención de lodos aireados y un espesador por gravedad.

ATTACHMENT C

USGS Map
Admin Rpt 1.0, Section 13



ATTACHMENT C
CITY OF LAREDO
SOUTH LAREDO WASTEWATER TREATMENT FACILITY
TPDES PERMIT RENEWAL APPLICATION
USGS MAP

TEXAS REGISTERED ENGINEERING FIRM F-13
Z:\Shared\Projects\Water\1107\009-01\05 Project Work\03 GIS\South Laredo Application Attachments\South Laredo Application Attachments.aprx ahughes

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. WQ0010681003 EPA ID No. TX 0085316

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

   309 River Front Street, Laredo, Webb County, Texas 78046.

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: Tomas Hernandez

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

Title: Wastewater Superintendent

Mailing Address: 5816 Daugherty Avenue

City, State, Zip Code: Laredo, TX 78041

Phone No.: (956) 721-2022 Ext.: N/A Fax No.: N/A

E-mail Address: thernandez@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 – Applicant is property owner.

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.

Directly to Rio Grande 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). See SPIF 1 and SPIF 2

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

Does your project involve any of the following? Check all that apply. N/A – None Apply

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

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

N/A

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

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

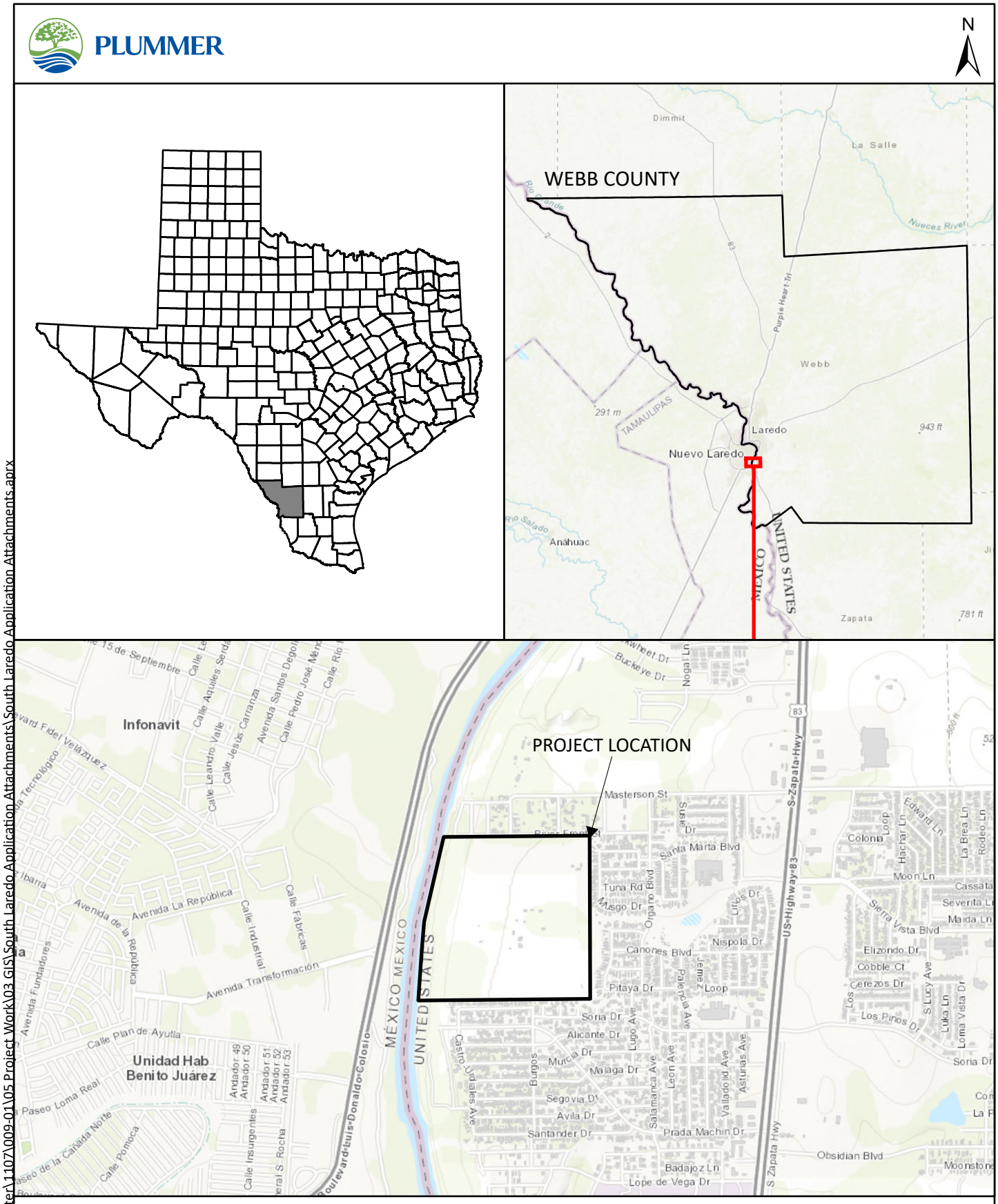
THE FOLLOWING ITEMS APPLY ONLY TO APPLICATIONS FOR NEW TPDES PERMITS AND MAJOR AMENDMENTS TO TPDES PERMITS

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.

N/A



SPIF 1
CITY OF LAREDO
SOUTH LAREDO WASTEWATER TREATMENT FACILITY
TPDES PERMIT RENEWAL APPLICATION
GENERAL LOCATION MAP

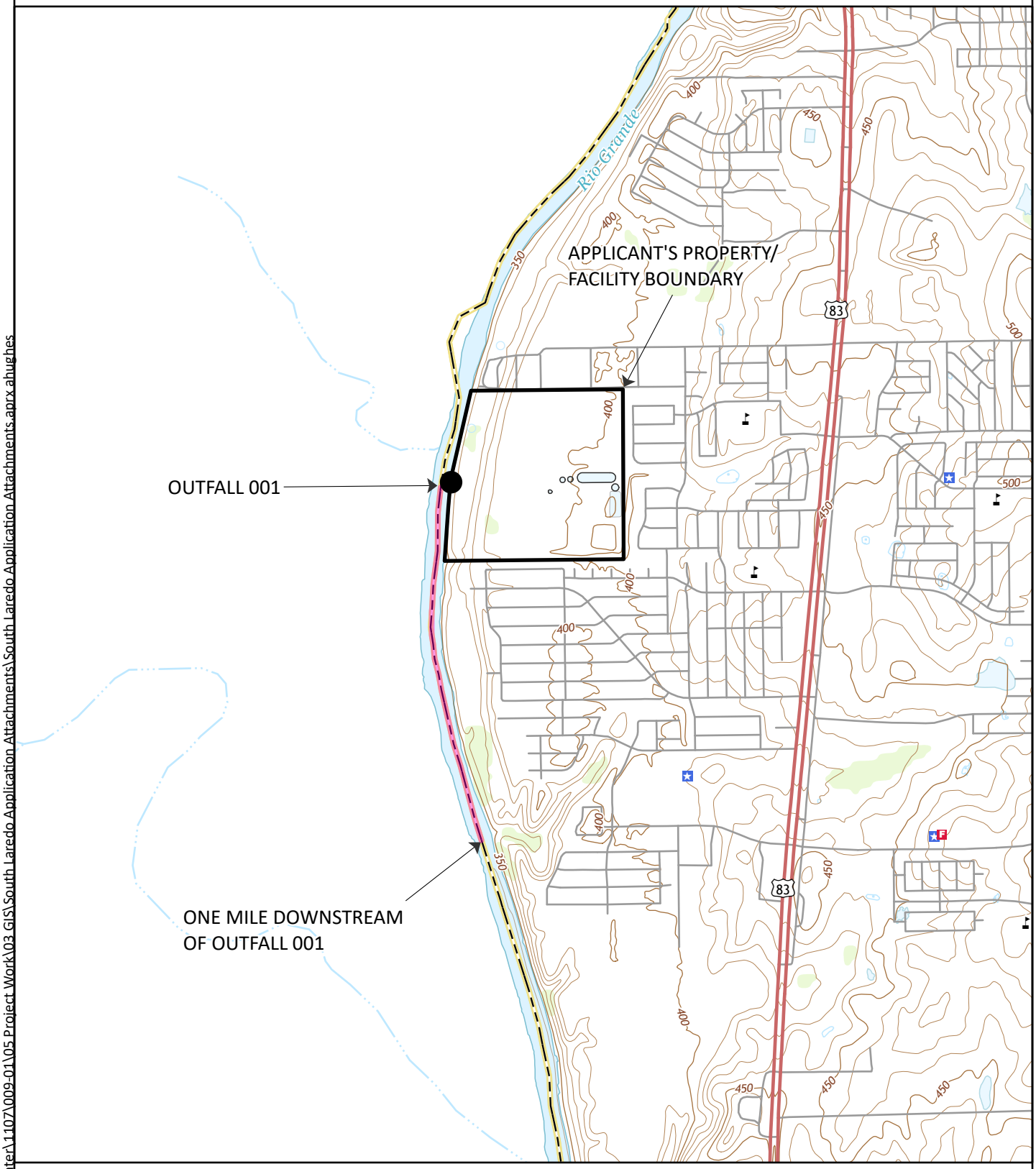
TEXAS REGISTERED ENGINEERING FIRM F-13
Z:\Shared\Projects\Water\1107\009-01\05 Project Work\03 GIS\South Laredo Application Attachments\South Laredo Application Attachments.aprx

PLUMMER

FEET

0 2,000

N



SPIF 2

CITY OF LAREDO

SOUTH LAREDO WASTEWATER TREATMENT FACILITY

TPDES PERMIT RENEWAL APPLICATION

USGS MAP

TEXAS REGISTERED ENGINEERING FIRM F-13

Z:\Shared\Projects\Water\1107\009-01\05 Project Work\03 GIS\South Laredo Application Attachments\South Laredo Application Attachments.aprx ahughes

ATTACHMENT E

List of Treatment Units
Tech Rpt 1.0, Section 2.B

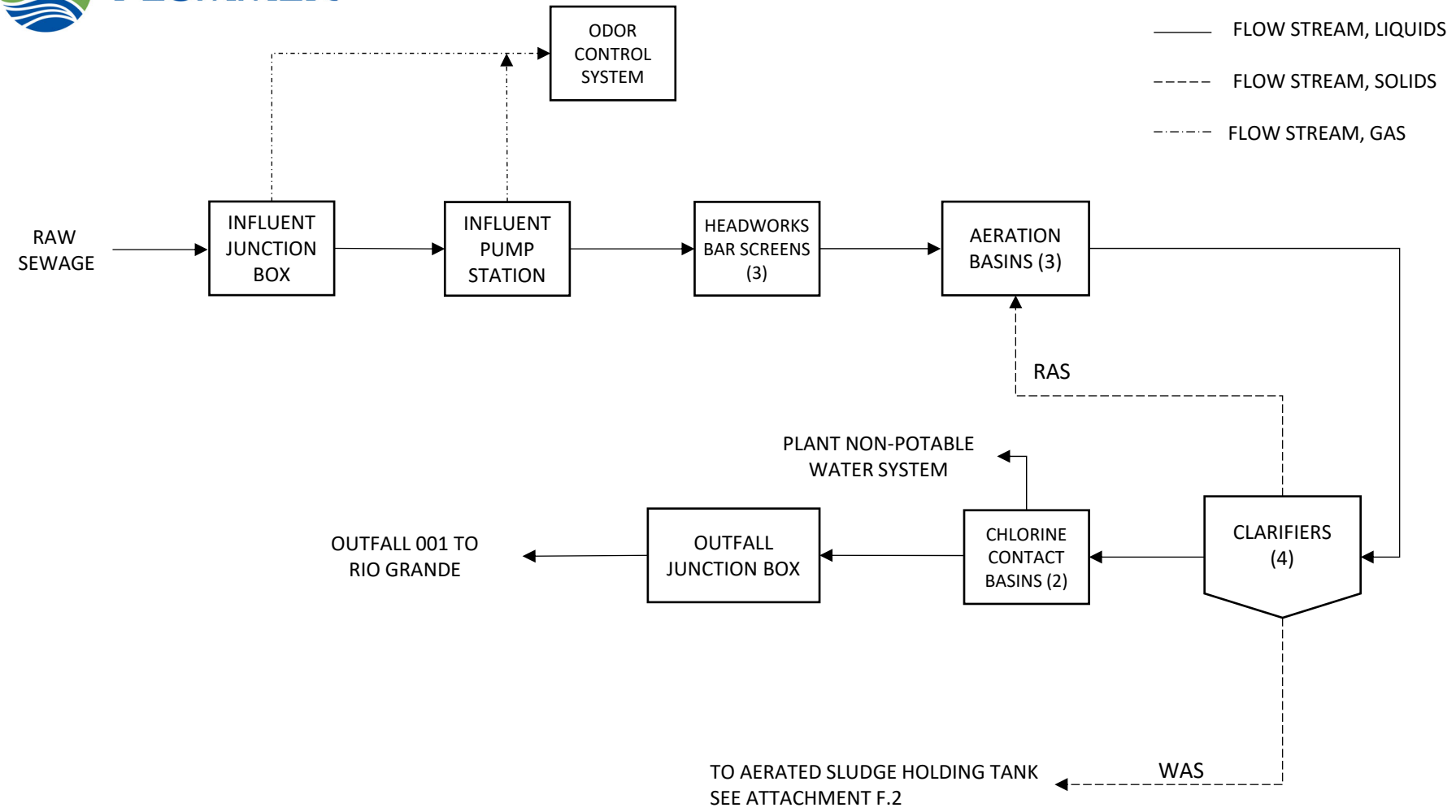
ATTACHMENT E
CITY OF LAREDO
SOUTH LAREDO WASTEWATER TREATMENT FACILITY
TPDES PERMIT RENEWAL APPLICATION

Treatment Unit Type	Number of Units	Dimensions
Bar Screen	3	(2) Mechanical Bar Screens, (1) Bypass with Manual Bar Screen
Aeration Basin	3	300' L x 60' W x 20' SWD
Clarifiers	4	(3) 95' Dia. x 16' 2" SWD (1) 90' Dia. x 12' SWD
Chlorine Contact Basins	2	86' 10" L x 7' 6" W x 5' SWD 72' 6" L x 7' 6" W x 5' SWD
Aerated Sludge Holding Tank	1	558' L x 140' W x 11.2' SWD
Gravity Thickener	1	80' Dia. x 12' SWD

ATTACHMENT F

Process Flow Diagram
Tech Rpt 1.0, Section 2.C

PLUMMER



ATTACHMENT F.1
CITY OF LAREDO
SOUTH LAREDO WASTEWATER TREATMENT FACILITY
TPDES PERMIT RENEWAL APPLICATION
PROCESS FLOW DIAGRAM

Note: Effluent flow is measured based on the level over the weir in the chlorine contact basin.

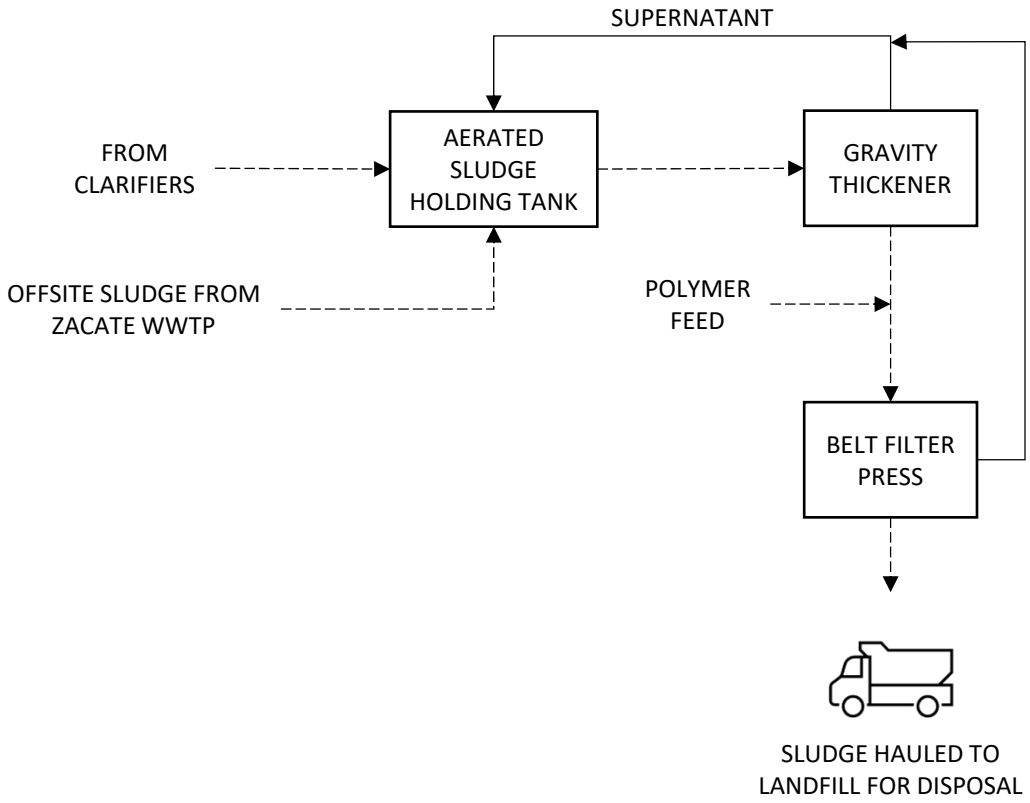
TEXAS REGISTERED ENGINEERING FIRM F-13
Z:\Shared\Projects\Water\1107\009-01\05 Project Work\05 Permitting\C. South Laredo\Attachments\Att F Flow Diagram.pptx

PLUMMER

LEGEND

FLOW STREAM, LIQUIDS

FLOW STREAM, SOLIDS



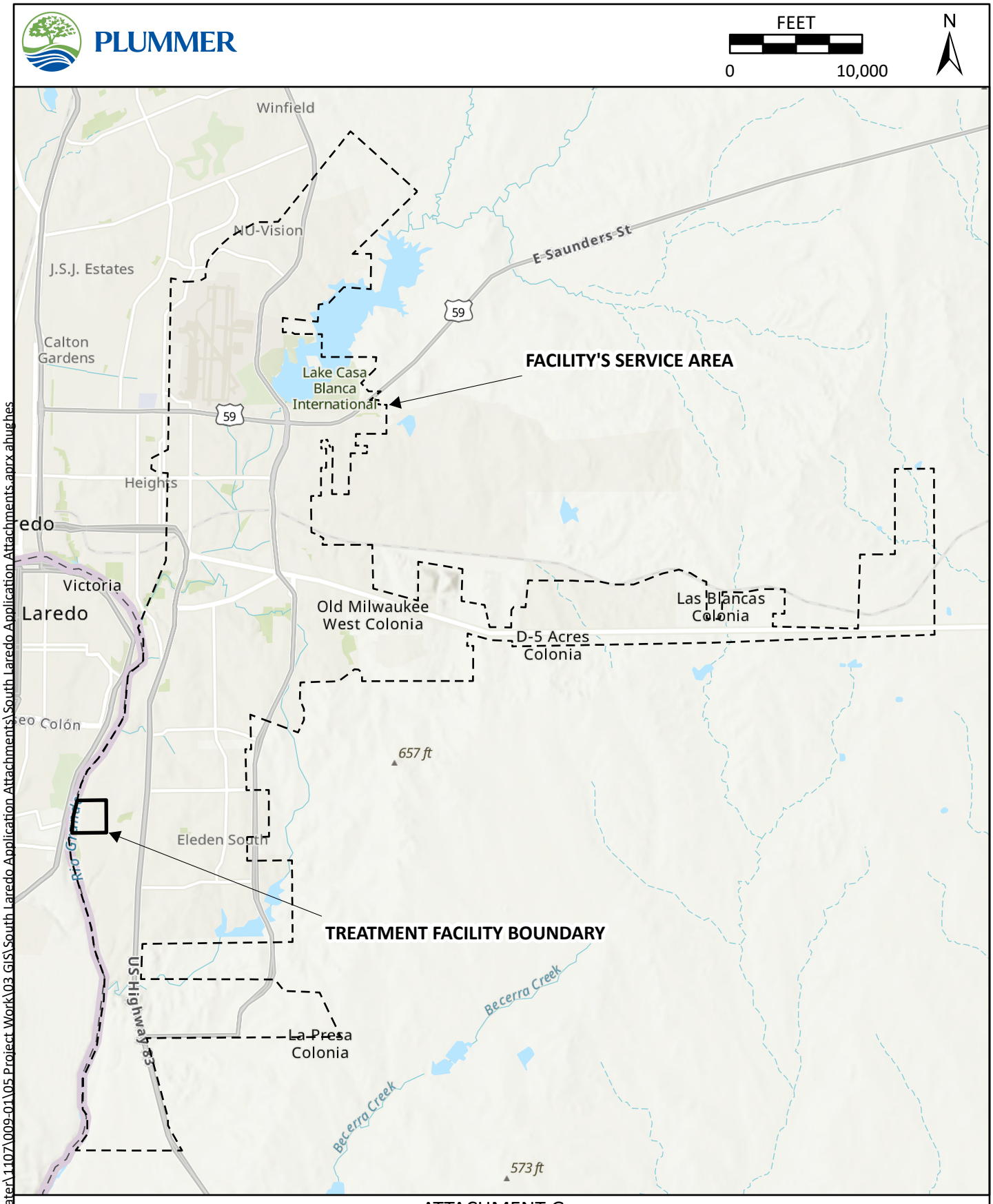
ATTACHMENT F.2
CITY OF LAREDO
SOUTH LAREDO WASTEWATER TREATMENT FACILITY
TPDES PERMIT RENEWAL APPLICATION
PROCESS FLOW DIAGRAM

Note: Effluent flow is measured based on the level over the weir in the chlorine contact basin.

TEXAS REGISTERED ENGINEERING FIRM F-13
Z:\Shared\Projects\Water\1107\009-01\05 Project Work\05 Permitting\C. South Laredo\Attachments\Att F Flow Diagram.pptx

ATTACHMENT G

Site Drawing
Tech Rpt 1.0, Section 3



TEXAS REGISTERED ENGINEERING FIRM F-13
Z:\Shared\Projects\Water\1107\009-01\05 Project Work\03 GIS\South Laredo Application Attachments\South Laredo Application Attachments.aprx ahughes

ATTACHMENT G
CITY OF LAREDO
SOUTH LAREDO WASTEWATER TREATMENT FACILITY
TPDES PERMIT RENEWAL APPLICATION
SITE DRAWING

ATTACHMENT H

Solids Management Plan
Tech Rpt 1.0, Section 6.G

ATTACHMENT H
CITY OF LAREDO
SOUTH LAREDO WASTEWATER TREATMENT FACILITY
TPDES PERMIT RENEWAL APPLICATION
SOLIDS MANAGEMENT PLAN

The City of Laredo (City) owns and operates the South Laredo Wastewater Treatment Facility (WWTF). The design BOD_5 concentration of the influent at the South Laredo WWTF is 200-350 mg/l. The following table provides a description of the sludge that is accepted by this facility from other WWTFs owned by the City. This information has not changed since the last permit action.

WWTF	Acceptance Date	Estimated Monthly Sludge Acceptance (gal/month)	Estimate BOD_5 of Sludge (mg/l)
Zacate Creek	1987	11,000,000	170
Unitec	1993	60,000	80-500
Laredo-Columbia	1991	2,000	75-115
Penitas	2012	3,500	--

Dimensions/Capacities of Sludge Handing Units/Processes:

Aerated Sludge Holding Tank: (1) – 558 ft x 11.2 ft x 140 ft
Gravity Thickener: (1) – 80 ft x 12 ft

$CBOD_5$ Removal:

Influent Concentration	254 mg/L
Effluent Concentration	20 mg/L
Net Removal	234 mg/L
Design Flow	18 MGD

Solids Generated:

Percentage of Design Flow	100%	75%	50%	25%
Pounds BOD_5/day Removed	35,128	26,346	17,546	8,782
Pounds of Dry Sludge Produced per Day*	29,859	22,394	14,929	7,465
Pounds of Wet Sludge Produced per Day**	2,985,880	2,239,410	1,492,940	746,470
Volume of Wet Sludge Produced per Day (gal)	358,306	268,730	179,153	89,577

*Assuming 0.85 lb of dry sludge produced per pound of BOD_5 removed

**Assuming 1.0% solids

MLSS Operating Range 2,500- 4,000 mg/L

Sludge Disposal

Dewatered sludge will be pumped into a dump truck and transported to a TCEQ-permitted landfill for sludge disposal.

ATTACHMENT I

Pollutant Analysis of Treated Effluent
Tech Rpt 1.0, Section 7; Wks 4.0 Sections 1 & 2

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 6/19/2025 2:04:00 PM

JOB DESCRIPTION

South Laredo WWTP 06-11-25

JOB NUMBER

860-103260-1

Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477

See page two for job notes and contact information.

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
6/19/2025 2:04:00 PM

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

Table of Contents

Definitions/Glossary

Client: City of Laredo
Job ID: 860-103260-1
Project/Site: South Laredo WWTP 06-11-25

Qualifiers

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
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.

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

Job Narrative
860-103260-1

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 6/12/2025 9:19 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 3.9°C.

HPLC/IC
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 860-243028.

Method 2540D: Elevated reporting limits are provided for the following sample due to insufficient sample provided for analysis: South Laredo WWTP (860-103260-1).

Method 351.2: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 860-242348 and analytical batch 860-242809 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 4500_CL_G: The following samples were received outside of holding time: South Laredo WWTP (860-103260-1), (880-59134-B-1), (880-59134-B-1 MS) and (880-59134-B-1 MSD).

Method SM5210B_Calc: The following sample underdepleted: South Laredo WWTP (860-103260-1). 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.

Detection Summary

Client: City of Laredo
Job ID: 860-103260-1
Project/Site: South Laredo WWTP 06-11-25

Client Sample ID: South Laredo WWTP — Lab Sample ID: 860-103260-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	210		0.50	0.25	mg/L	1		300.0	Total/NA
Nitrogen, Nitrate	20		0.10	0.039	mg/L	1		300.0	Total/NA
Sulfate	260		0.50	0.20	mg/L	1		300.0	Total/NA
Oil & Grease	2.4	J	5.0	1.6	mg/L	1		1664B	Total/NA
Ammonia as N	0.091	J	0.10	0.051	mg/L	1		350.1	Total/NA
Nitrogen, Kjeldahl	0.57	F1	0.20	0.089	mg/L	1		351.2	Total/NA
Oxygen, Dissolved	11	HF	1.0	1.0	mg/L	1		360.1	Total/NA
Phosphorus Total	4.5		0.20	0.14	mg/L	10		365.1	Total/NA
Alkalinity	47		4.0	4.0	mg/L	1		SM 2320B	Total/NA
Electrical Conductivity	1600		10	10	umho/cm @ 25C	1		SM 2510B	Total/NA
Total Dissolved Solids	1100		10	10	mg/L	1		SM 2540C	Total/NA
Chlorine, Total Residual	0.45	HF	0.050	0.050	mg/L	1		SM 4500 Cl G	Total/NA
pH	7.1	HF			SU	1		SM 4500 H+ B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: City of Laredo
Project/Site: South Laredo WWTP 06-11-25

Job ID: 860-103260-1

Client Sample ID: South Laredo WWTP

Date Collected: 06/11/25 10:00
Date Received: 06/12/25 09:19

Lab Sample ID: 860-103260-1

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**210**		0.50	0.25	mg/L			06/13/25 00:18	1
Nitrogen, Nitrate	**20**		0.10	0.039	mg/L			06/13/25 00:18	1
Sulfate	**260**		0.50	0.20	mg/L			06/13/25 00:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil & Grease (1664B)	**2.4**	**J**	5.0	1.6	mg/L			06/17/25 12:57	1
Ammonia as N (EPA 350.1)	**0.091**	**J**	0.10	0.051	mg/L			06/18/25 14:30	1
Nitrogen, Kjeldahl (EPA 351.2)	**0.57**	**F1**	0.20	0.089	mg/L		06/13/25 13:33	06/16/25 15:56	1
Oxygen, Dissolved (EPA 360.1)	**11**	**HF**	1.0	1.0	mg/L			06/17/25 10:37	1
Phosphorus Total (EPA 365.1)	**4.5**		0.20	0.14	mg/L			06/18/25 20:23	10
Alkalinity (SM 2320B)	**47**		4.0	4.0	mg/L			06/15/25 16:52	1
Electrical Conductivity (SM 2510B)	**1600**		10	10	umho/cm @ 25C			06/17/25 12:51	1
Total Dissolved Solids (SM 2540C)	**1100**		10	10	mg/L			06/16/25 10:34	1
Total Suspended Solids (SM 2540D)	<8.3		8.3	8.3	mg/L			06/17/25 13:02	1
Chlorine, Total Residual (SM 4500 Cl G)	**0.45**	**HF**	0.050	0.050	mg/L			06/16/25 12:32	1
pH (SM 4500 H+ B)	**7.1**	**HF**			SU			06/17/25 13:43	1
Biochemical Oxygen Demand (SM 5210B)	<2.0		2.0	2.0	mg/L		06/13/25 08:34	06/13/25 09:44	1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-241963/3
Matrix: Water
Analysis Batch: 241963

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			06/12/25 12:12	1
Sulfate	<0.20		0.50	0.20	mg/L			06/12/25 12:12	1

Lab Sample ID: LCS 860-241963/4
Matrix: Water
Analysis Batch: 241963

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	10.1		mg/L		101	90 - 110
Sulfate	10.0	10.9		mg/L		109	90 - 110

Lab Sample ID: LCSD 860-241963/5
Matrix: Water
Analysis Batch: 241963

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	10.1		mg/L		101	90 - 110	0	20
Sulfate	10.0	10.8		mg/L		108	90 - 110	1	20

Lab Sample ID: LLCS 860-241963/7
Matrix: Water
Analysis Batch: 241963

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.00	7.06		mg/L		141	50 - 150
Sulfate	5.00	5.62		mg/L		112	50 - 150

Lab Sample ID: MB 860-241964/3
Matrix: Water
Analysis Batch: 241964

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			06/12/25 12:12	1

Lab Sample ID: LCS 860-241964/4
Matrix: Water
Analysis Batch: 241964

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

Lab Sample ID: LCSD 860-241964/5
Matrix: Water
Analysis Batch: 241964

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	10.2		mg/L		102	90 - 110	1	20

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LLCS 860-241964/6
Matrix: Water
Analysis Batch: 241964

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	0.144		mg/L		144	50 - 150		

Method: 1664B - HEM and SGT-HEM

Lab Sample ID: MB 860-243028/1
Matrix: Water
Analysis Batch: 243028

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			06/17/25 12:57	1

Lab Sample ID: LCS 860-243028/2
Matrix: Water
Analysis Batch: 243028

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	35.9		mg/L		90	78 - 114		

Lab Sample ID: LCSD 860-243028/3
Matrix: Water
Analysis Batch: 243028

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	35.7		mg/L		89	78 - 114	1	18

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MB 860-243412/16
Matrix: Water
Analysis Batch: 243412

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			06/18/25 13:17	1

Lab Sample ID: LCS 860-243412/17
Matrix: Water
Analysis Batch: 243412

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	1.06		mg/L		106	90 - 110		

Lab Sample ID: LCSD 860-243412/18
Matrix: Water
Analysis Batch: 243412

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	1.06		mg/L		106	90 - 110	0	20

Method: 350.1 - Nitrogen, Ammonia (Continued)

Lab Sample ID: 860-103260-1 MS
Matrix: Water
Analysis Batch: 243412

Client Sample ID: South Laredo WWTP
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia as N	0.091	J	1.00	1.18		mg/L		109	90 - 110

Lab Sample ID: 860-103260-1 MSD
Matrix: Water
Analysis Batch: 243412

Client Sample ID: South Laredo WWTP
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ammonia as N	0.091	J	1.00	1.17		mg/L		108	90 - 110	1	20

Method: 351.2 - Nitrogen, Total Kjeldahl

Lab Sample ID: MB 860-242348/4-A
Matrix: Water
Analysis Batch: 242809

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 242348

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Kjeldahl	<0.089		0.20	0.089	mg/L		06/13/25 13:33	06/16/25 16:21	1

Lab Sample ID: LCS 860-242348/6-A
Matrix: Water
Analysis Batch: 242809

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 242348

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Kjeldahl	2.00	1.97		mg/L		99	90 - 110

Lab Sample ID: LCSD 860-242348/7-A
Matrix: Water
Analysis Batch: 242809

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 242348

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrogen, Kjeldahl	2.00	1.98		mg/L		99	90 - 110	0	20

Lab Sample ID: LLCS 860-242348/5-A
Matrix: Water
Analysis Batch: 242809

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 242348

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Kjeldahl	0.200	0.225		mg/L		113	50 - 150

Lab Sample ID: 860-103260-1 MS
Matrix: Water
Analysis Batch: 242809

Client Sample ID: South Laredo WWTP
Prep Type: Total/NA
Prep Batch: 242348

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Kjeldahl	0.57	F1	2.00	1.73	F1	mg/L		58	90 - 110

Method: 351.2 - Nitrogen, Total Kjeldahl (Continued)

Lab Sample ID: 860-103260-1 MSD — **Client Sample ID: South Laredo WWTP**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 242809 — **Prep Batch: 242348**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrogen, Kjeldahl	0.57	F1	2.00	1.73	F1	mg/L		58	90 - 110	0	20

Method: 360.1 - Oxygen, Dissolved

Lab Sample ID: 860-103260-1 DU — **Client Sample ID: South Laredo WWTP**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 242970

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Oxygen, Dissolved	11	HF	10.7		mg/L		1	20

Method: 365.1 - Phosphorus, Total

Lab Sample ID: MB 860-243605/17 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 243605

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phosphorus Total	<0.014		0.020	0.014	mg/L			06/18/25 19:16	1

Lab Sample ID: LCS 860-243605/18 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 243605

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phosphorus Total	0.250	0.264		mg/L		106	90 - 110

Lab Sample ID: LCSD 860-243605/19 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 243605

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phosphorus Total	0.250	0.265		mg/L		106	90 - 110	0	20

Lab Sample ID: LLCS 860-243605/20 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 243605

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Phosphorus Total	0.0200	0.0160	J	mg/L		80	50 - 150

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 860-242602/3 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 242602

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.0		4.0	4.0	mg/L			06/15/25 15:13	1

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: LCS 860-242602/4
Matrix: Water
Analysis Batch: 242602

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	250	247		mg/L		99	85 - 115

Lab Sample ID: LCSD 860-242602/5
Matrix: Water
Analysis Batch: 242602

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	241		mg/L		96	85 - 115	3	20

Method: SM 2510B - Conductivity, Specific Conductance

Lab Sample ID: MB 860-243013/2
Matrix: Water
Analysis Batch: 243013

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Electrical Conductivity	<10		10	10	umho/cm @ 25C			06/17/25 12:49	1

Lab Sample ID: MB 860-243013/29
Matrix: Water
Analysis Batch: 243013

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Electrical Conductivity	<10		10	10	umho/cm @ 25C			06/17/25 12:51	1

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

Lab Sample ID: MB 860-242628/1
Matrix: Water
Analysis Batch: 242628

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			06/16/25 10:06	1

Lab Sample ID: LCS 860-242628/2
Matrix: Water
Analysis Batch: 242628

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	948		mg/L		95	80 - 120

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

Lab Sample ID: MB 860-243032/1
Matrix: Water
Analysis Batch: 243032

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			06/17/25 13:02	1

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

Lab Sample ID: LCS 860-243032/2
Matrix: Water
Analysis Batch: 243032

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	1080		mg/L		108	80 - 120

Method: SM 4500 Cl G - Chlorine, Residual

Lab Sample ID: MB 860-242715/3
Matrix: Water
Analysis Batch: 242715

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			06/16/25 12:32	1

Lab Sample ID: LCS 860-242715/4
Matrix: Water
Analysis Batch: 242715

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 860-242715/5
Matrix: Water
Analysis Batch: 242715

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

Method: SM 5210B - BOD, 5-Day

Lab Sample ID: SCB 860-243385/2
Matrix: Water
Analysis Batch: 243385

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

Analyte	SCB Result	SCB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	0.810		0.0000020	0.0000020	mg/L			06/13/25 09:13	1

Lab Sample ID: USB 860-243385/1
Matrix: Water
Analysis Batch: 243385

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

Analyte	USB Result	USB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	0.00600		0.0000020	0.0000020	mg/L			06/13/25 09:11	1

Lab Sample ID: LCS 860-243385/3
Matrix: Water
Analysis Batch: 243385

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Biochemical Oxygen Demand	198	211		mg/L		106	85 - 115

HPLC/IC

Analysis Batch: 241963

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-103260-1	South Laredo WWTP	Total/NA	Water	300.0	
MB 860-241963/3	Method Blank	Total/NA	Water	300.0	
LCS 860-241963/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-241963/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-241963/7	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 241964

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-103260-1	South Laredo WWTP	Total/NA	Water	300.0	
MB 860-241964/3	Method Blank	Total/NA	Water	300.0	
LCS 860-241964/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-241964/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-241964/6	Lab Control Sample	Total/NA	Water	300.0	

General Chemistry

Prep Batch: 242195

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-103260-1	South Laredo WWTP	Total/NA	Water	BOD Prep	

Prep Batch: 242348

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-103260-1	South Laredo WWTP	Total/NA	Water	351.2	
MB 860-242348/4-A	Method Blank	Total/NA	Water	351.2	
LCS 860-242348/6-A	Lab Control Sample	Total/NA	Water	351.2	
LCSD 860-242348/7-A	Lab Control Sample Dup	Total/NA	Water	351.2	
LLCS 860-242348/5-A	Lab Control Sample	Total/NA	Water	351.2	
860-103260-1 MS	South Laredo WWTP	Total/NA	Water	351.2	
860-103260-1 MSD	South Laredo WWTP	Total/NA	Water	351.2	

Analysis Batch: 242602

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-103260-1	South Laredo WWTP	Total/NA	Water	SM 2320B	
MB 860-242602/3	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-242602/4	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-242602/5	Lab Control Sample Dup	Total/NA	Water	SM 2320B	

Analysis Batch: 242628

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-103260-1	South Laredo WWTP	Total/NA	Water	SM 2540C	
MB 860-242628/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-242628/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 242715

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-103260-1	South Laredo WWTP	Total/NA	Water	SM 4500 Cl G	
MB 860-242715/3	Method Blank	Total/NA	Water	SM 4500 Cl G	
LCS 860-242715/4	Lab Control Sample	Total/NA	Water	SM 4500 Cl G	
LCSD 860-242715/5	Lab Control Sample Dup	Total/NA	Water	SM 4500 Cl G	

General Chemistry

Analysis Batch: 242809

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-103260-1	South Laredo WWTP	Total/NA	Water	351.2	242348
MB 860-242348/4-A	Method Blank	Total/NA	Water	351.2	242348
LCS 860-242348/6-A	Lab Control Sample	Total/NA	Water	351.2	242348
LCSD 860-242348/7-A	Lab Control Sample Dup	Total/NA	Water	351.2	242348
LLCS 860-242348/5-A	Lab Control Sample	Total/NA	Water	351.2	242348
860-103260-1 MS	South Laredo WWTP	Total/NA	Water	351.2	242348
860-103260-1 MSD	South Laredo WWTP	Total/NA	Water	351.2	242348

Analysis Batch: 242970

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-103260-1	South Laredo WWTP	Total/NA	Water	360.1	
860-103260-1 DU	South Laredo WWTP	Total/NA	Water	360.1	

Analysis Batch: 243013

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-103260-1	South Laredo WWTP	Total/NA	Water	SM 2510B	
MB 860-243013/2	Method Blank	Total/NA	Water	SM 2510B	
MB 860-243013/29	Method Blank	Total/NA	Water	SM 2510B	
LCS 860-243013/3	Lab Control Sample	Total/NA	Water	SM 2510B	
LCS 860-243013/30	Lab Control Sample	Total/NA	Water	SM 2510B	
LCSD 860-243013/31	Lab Control Sample Dup	Total/NA	Water	SM 2510B	
LCSD 860-243013/4	Lab Control Sample Dup	Total/NA	Water	SM 2510B	

Analysis Batch: 243028

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-103260-1	South Laredo WWTP	Total/NA	Water	1664B	
MB 860-243028/1	Method Blank	Total/NA	Water	1664B	
LCS 860-243028/2	Lab Control Sample	Total/NA	Water	1664B	
LCSD 860-243028/3	Lab Control Sample Dup	Total/NA	Water	1664B	

Analysis Batch: 243032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-103260-1	South Laredo WWTP	Total/NA	Water	SM 2540D	
MB 860-243032/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 860-243032/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 243062

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-103260-1	South Laredo WWTP	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 243385

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-103260-1	South Laredo WWTP	Total/NA	Water	SM 5210B	242195
SCB 860-243385/2	Method Blank	Total/NA	Water	SM 5210B	
USB 860-243385/1	Method Blank	Total/NA	Water	SM 5210B	
LCS 860-243385/3	Lab Control Sample	Total/NA	Water	SM 5210B	

Analysis Batch: 243412

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-103260-1	South Laredo WWTP	Total/NA	Water	350.1	
MB 860-243412/16	Method Blank	Total/NA	Water	350.1	

QC Association Summary

Client: City of Laredo
Job ID: 860-103260-1
Project/Site: South Laredo WWTP 06-11-25

General Chemistry (Continued)

Analysis Batch: 243412 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 860-243412/17	Lab Control Sample	Total/NA	Water	350.1	
LCSD 860-243412/18	Lab Control Sample Dup	Total/NA	Water	350.1	
860-103260-1 MS	South Laredo WWTP	Total/NA	Water	350.1	
860-103260-1 MSD	South Laredo WWTP	Total/NA	Water	350.1	

Analysis Batch: 243605

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-103260-1	South Laredo WWTP	Total/NA	Water	365.1	
MB 860-243605/17	Method Blank	Total/NA	Water	365.1	
LCS 860-243605/18	Lab Control Sample	Total/NA	Water	365.1	
LCSD 860-243605/19	Lab Control Sample Dup	Total/NA	Water	365.1	
LLCS 860-243605/20	Lab Control Sample	Total/NA	Water	365.1	

Lab Chronicle

Client: City of Laredo
Job ID: 860-103260-1
Project/Site: South Laredo WWTP 06-11-25

Client Sample ID: South Laredo WWTP
Lab Sample ID: 860-103260-1

Date Collected: 06/11/25 10:00
Matrix: Water

Date Received: 06/12/25 09:19

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			241963	06/13/25 00:18	HN	EET HOU
Total/NA	Analysis	300.0		1			241964	06/13/25 00:18	HN	EET HOU
Total/NA	Analysis	1664B		1	1000 mL	1000 mL	243028	06/17/25 12:57	TB	EET HOU
Total/NA	Analysis	350.1		1	10 mL	10 mL	243412	06/18/25 14:30	BW	EET HOU
Total/NA	Prep	351.2			20 mL	20 mL	242348	06/13/25 13:33	CT	EET HOU
Total/NA	Analysis	351.2		1			242809	06/16/25 15:56	ALL	EET HOU
Total/NA	Analysis	360.1		1			242970	06/17/25 10:37	MR	EET HOU
Total/NA	Analysis	365.1		10	10 mL	10 mL	243605	06/18/25 20:23	BW	EET HOU
Total/NA	Analysis	SM 2320B		1			242602	06/15/25 16:52	MR	EET HOU
Total/NA	Analysis	SM 2510B		1			243013	06/17/25 12:51	AC	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	242628	06/16/25 10:34	TR	EET HOU
Total/NA	Analysis	SM 2540D		1	480 mL	1000 mL	243032	06/17/25 13:02	AP	EET HOU
Total/NA	Analysis	SM 4500 Cl G		1	10 mL	10 mL	242715	06/16/25 12:32	MK	EET HOU
Total/NA	Analysis	SM 4500 H+ B		1			243062	06/17/25 13:43	AC	EET HOU
Total/NA	Prep	BOD Prep					242195	06/13/25 08:34	TV	EET HOU
Total/NA	Analysis	SM 5210B		1	300 mL	300 mL	243385	06/13/25 09:44	TV	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
Job ID: 860-103260-1
Project/Site: South Laredo WWTP 06-11-25

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	06-30-25
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
Job ID: 860-103260-1
Project/Site: South Laredo WWTP 06-11-25

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
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
SM 5210B	BOD, 5-Day	SM	EET HOU
351.2	Nitrogen, Total Kjeldahl	EPA	EET HOU
BOD Prep	Preparation, BOD	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
Job ID: 860-103260-1
Project/Site: South Laredo WWTP 06-11-25

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
860-103260-1	South Laredo WWTP	Water	06/11/25 10:00	06/12/25 09:19

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins | Environment Testi

6/19/2025

Client Information	Sampler	Lab PM: Maingot, Lindy	Carrier Tracking No(s):	COC No: 560-53386-9193.1
Client Contact: Robert Estrada	Phone:	E-Mail: Lindy.Maingot@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: City of Laredo	PWSID:			Job #:
Address: 5816 Daugherty Avenue	Due Date Requested:			
City: Laredo	TAT Requested (days):			
State, Zip: TX, 78041	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 423408			
Email: restrada1@ci.laredo.tx.us	WO #:			
Project Name: Permit Sample (South Laredo)	Project #: 56000544			
Site: Texas	SSOW#:			

Analysis Requested

Preservation Codes:
R NaThioSO4
S H2SO4
N None
A HCL
Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	SUBCONTRACT E. Coli	350.1, 351.2	365.1_NP 365.1 Phosphorus, Total	2320B, 2510B, 300_ORGFM_28D, 300_ORGFMS, SM4500_H+	4500_CL_G 4500_Cl_G Chlorine, Residual	2540D 2540D Solids, Total Suspended (TSS)	2540C_Calcd 2540C Solids, Total Dissolved (TDS)	360.1, SM5210B_Calc	1664B_NP 1664 Oil and Grease						Total Number of containers	Special Instructions/Note:
			Preservation Code:				R	S	S	N	N	N	N	N	A							
South Laredo WWTP	6 11 25	1000	C	Water			X	X	X	X	X	X	X	X	X							

860-103260 Chain of Custody

Page 21 of 22

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I II III IV Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		6/11/2025 1400	COL			
2	Relinquished by:	Date/Time:	Company	Received by: Nuevo	Date/Time: 6-12 25 919	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 4.0 / 3.9° HOU368

Ver: 05/06/2024

Login Sample Receipt Checklist

Client: City of Laredo

Job Number: 860-103260-1

Login Number: 103260

List Number: 1

Creator: Jimenez, Nicanor

List Source: Eurofins Houston

Question	Answer	Comment
Radioactivity wasn't checked or is </= 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 <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 2/13/2025 3:58:45 PM

JOB DESCRIPTION

Table III South laredo, 2/5/25

JOB NUMBER

560-124214-1

Eurofins Corpus Christi
1733 N. Padre Island Drive
Corpus Christi TX 78408

See page two for job notes and contact information.

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.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization

Generated
2/13/2025 3:58:45 PM

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

Definitions/Glossary

Client: City of Laredo
Job ID: 560-124214-1
Project/Site: Table III South laredo, 2/5/25

Qualifiers

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

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

Job ID: 560-124214-1 — Eurofins Corpus Christi

Job Narrative
560-124214-1

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 samples were received on 2/6/2025 10:33 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.6°C.

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

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

Detection Summary

Client: City of Laredo
Project/Site: Table III South laredo, 2/5/25

Job ID: 560-124214-1

Client Sample ID: South Laredo Effluent — Lab Sample ID: 560-124214-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.0022		0.00050	0.00014	ug/L	1		1631E	Total/NA
Aluminum	0.029		0.020	0.0030	mg/L	1		200.8	Total Recoverable
Barium	0.071		0.0040	0.00095	mg/L	1		200.8	Total Recoverable
Chromium	0.00089	J	0.0040	0.00089	mg/L	1		200.8	Total Recoverable
Copper	0.0076		0.0040	0.00069	mg/L	1		200.8	Total Recoverable
Nickel	0.0021		0.0020	0.00049	mg/L	1		200.8	Total Recoverable
Selenium	0.00078	J	0.0020	0.00069	mg/L	1		200.8	Total Recoverable
Zinc	0.038		0.0040	0.00089	mg/L	1		200.8	Total Recoverable
Cyanide, Total	0.0091		0.0050	0.0020	mg/L	1		Kelada 01	Total/NA

Client Sample ID: South Laredo Influent — Lab Sample ID: 560-124214-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.040		0.0050	0.0014	ug/L	10		1631E	Total/NA
Silver	0.00039	J	0.0020	0.00035	mg/L	1		200.8	Total Recoverable
Aluminum	0.38		0.020	0.0030	mg/L	1		200.8	Total Recoverable
Arsenic	0.0011	J	0.0040	0.00093	mg/L	1		200.8	Total Recoverable
Barium	0.10		0.0040	0.00095	mg/L	1		200.8	Total Recoverable
Chromium	0.0021	J	0.0040	0.00089	mg/L	1		200.8	Total Recoverable
Copper	0.039		0.0040	0.00069	mg/L	1		200.8	Total Recoverable
Nickel	0.0034		0.0020	0.00049	mg/L	1		200.8	Total Recoverable
Lead	0.0018	J	0.0020	0.00037	mg/L	1		200.8	Total Recoverable
Antimony	0.0011	J	0.0020	0.0011	mg/L	1		200.8	Total Recoverable
Selenium	0.0012	J	0.0020	0.00069	mg/L	1		200.8	Total Recoverable
Zinc	0.12		0.0040	0.00089	mg/L	1		200.8	Total Recoverable
Phenols, Total	0.13		0.010	0.0058	mg/L	1		420.4	Total/NA
Cyanide, Total	0.0060		0.0050	0.0020	mg/L	1		Kelada 01	Total/NA

Client Sample ID: South Laredo Effluent Field Blank — Lab Sample ID: 560-124214-3

No Detections.

Client Sample ID: South Laredo Influent Field Blank — Lab Sample ID: 560-124214-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.00022	J	0.00050	0.00014	ug/L	1		1631E	Total/NA

This Detection Summary does not include radiochemical test results.

Client: City of Laredo
Job ID: 560-124214-1
Project/Site: Table III South laredo, 2/5/25

Client Sample ID: South Laredo Effluent
Lab Sample ID: 560-124214-1
Date Collected: 02/05/25 10:00
Matrix: Water
Date Received: 02/06/25 10:33

Method: EPA 1631E - Mercury, Low Level (CVAFS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0022**		0.00050	0.00014	ug/L		02/10/25 14:00	02/11/25 10:28	1

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.00035		0.0020	0.00035	mg/L		02/12/25 02:52	02/13/25 13:47	1
Aluminum	**0.029**		0.020	0.0030	mg/L		02/12/25 02:52	02/13/25 13:47	1
Arsenic	<0.00093		0.0040	0.00093	mg/L		02/12/25 02:52	02/13/25 13:47	1
Barium	**0.071**		0.0040	0.00095	mg/L		02/12/25 02:52	02/13/25 13:47	1
Beryllium	<0.00038		0.0020	0.00038	mg/L		02/12/25 02:52	02/13/25 13:47	1
Cadmium	<0.00026		0.0020	0.00026	mg/L		02/12/25 02:52	02/13/25 13:47	1
Chromium	**0.00089**	**J**	0.0040	0.00089	mg/L		02/12/25 02:52	02/13/25 13:47	1
Copper	**0.0076**		0.0040	0.00069	mg/L		02/12/25 02:52	02/13/25 13:47	1
Nickel	**0.0021**		0.0020	0.00049	mg/L		02/12/25 02:52	02/13/25 13:47	1
Lead	<0.00037		0.0020	0.00037	mg/L		02/12/25 02:52	02/13/25 13:47	1
Antimony	<0.0011		0.0020	0.0011	mg/L		02/12/25 02:52	02/13/25 13:47	1
Selenium	**0.00078**	**J**	0.0020	0.00069	mg/L		02/12/25 02:52	02/13/25 13:47	1
Thallium	<0.00022		0.0020	0.00022	mg/L		02/12/25 02:52	02/13/25 13:47	1
Zinc	**0.038**		0.0040	0.00089	mg/L		02/12/25 02:52	02/13/25 13:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	<0.0058		0.010	0.0058	mg/L			02/11/25 18:51	1
Cyanide, Total (EPA Kelada 01)	**0.0091**		0.0050	0.0020	mg/L			02/10/25 19:27	1

Client Sample ID: South Laredo Influent
Lab Sample ID: 560-124214-2
Date Collected: 02/05/25 10:00
Matrix: Water
Date Received: 02/06/25 10:33

Method: EPA 1631E - Mercury, Low Level (CVAFS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.040**		0.0050	0.0014	ug/L		02/10/25 14:00	02/11/25 10:33	10

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**0.00039**	**J**	0.0020	0.00035	mg/L		02/12/25 02:52	02/13/25 13:49	1
Aluminum	**0.38**		0.020	0.0030	mg/L		02/12/25 02:52	02/13/25 13:49	1
Arsenic	**0.0011**	**J**	0.0040	0.00093	mg/L		02/12/25 02:52	02/13/25 13:49	1
Barium	**0.10**		0.0040	0.00095	mg/L		02/12/25 02:52	02/13/25 13:49	1
Beryllium	<0.00038		0.0020	0.00038	mg/L		02/12/25 02:52	02/13/25 13:49	1
Cadmium	<0.00026		0.0020	0.00026	mg/L		02/12/25 02:52	02/13/25 13:49	1
Chromium	**0.0021**	**J**	0.0040	0.00089	mg/L		02/12/25 02:52	02/13/25 13:49	1
Copper	**0.039**		0.0040	0.00069	mg/L		02/12/25 02:52	02/13/25 13:49	1
Nickel	**0.0034**		0.0020	0.00049	mg/L		02/12/25 02:52	02/13/25 13:49	1
Lead	**0.0018**	**J**	0.0020	0.00037	mg/L		02/12/25 02:52	02/13/25 13:49	1
Antimony	**0.0011**	**J**	0.0020	0.0011	mg/L		02/12/25 02:52	02/13/25 13:49	1
Selenium	**0.0012**	**J**	0.0020	0.00069	mg/L		02/12/25 02:52	02/13/25 13:49	1
Thallium	<0.00022		0.0020	0.00022	mg/L		02/12/25 02:52	02/13/25 13:49	1
Zinc	**0.12**		0.0040	0.00089	mg/L		02/12/25 02:52	02/13/25 13:49	1

Client: City of Laredo
Job ID: 560-124214-1
Project/Site: Table III South laredo, 2/5/25

Client Sample ID: South Laredo Influent
Lab Sample ID: 560-124214-2
Date Collected: 02/05/25 10:00
Matrix: Water
Date Received: 02/06/25 10:33

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	0.13		0.010	0.0058	mg/L			02/11/25 21:36	1
Cyanide, Total (EPA Kelada 01)	0.0060		0.0050	0.0020	mg/L			02/10/25 19:24	1

Client Sample ID: South Laredo Effluent Field Blank
Lab Sample ID: 560-124214-3
Date Collected: 02/05/25 10:00
Matrix: Water
Date Received: 02/06/25 10:33

Method: EPA 1631E - Mercury, Low Level (CVAFS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00014		0.00050	0.00014	ug/L		02/10/25 14:00	02/11/25 10:38	1

Client Sample ID: South Laredo Influent Field Blank
Lab Sample ID: 560-124214-4
Date Collected: 02/05/25 10:00
Matrix: Water
Date Received: 02/06/25 10:33

Method: EPA 1631E - Mercury, Low Level (CVAFS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00022	J	0.00050	0.00014	ug/L		02/10/25 14:00	02/11/25 10:43	1

Method: 1631E - Mercury, Low Level (CVAFS)

Lab Sample ID: MB 240-644230/1-A
Matrix: Water
Analysis Batch: 644339

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 644230

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00014		0.00050	0.00014	ug/L		02/10/25 14:00	02/11/25 09:02	1

Lab Sample ID: LCS 240-644230/4-A
Matrix: Water
Analysis Batch: 644339

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 644230

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00500	0.00479		ug/L		96	77 - 123

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 860-216122/1-A
Matrix: Water
Analysis Batch: 216563

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 216122

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.00035		0.0020	0.00035	mg/L		02/12/25 02:52	02/13/25 12:48	1
Aluminum	<0.0030		0.020	0.0030	mg/L		02/12/25 02:52	02/13/25 12:48	1
Arsenic	<0.00093		0.0040	0.00093	mg/L		02/12/25 02:52	02/13/25 12:48	1
Barium	<0.00095		0.0040	0.00095	mg/L		02/12/25 02:52	02/13/25 12:48	1
Beryllium	<0.00038		0.0020	0.00038	mg/L		02/12/25 02:52	02/13/25 12:48	1
Cadmium	<0.00026		0.0020	0.00026	mg/L		02/12/25 02:52	02/13/25 12:48	1
Chromium	<0.00089		0.0040	0.00089	mg/L		02/12/25 02:52	02/13/25 12:48	1
Copper	<0.00069		0.0040	0.00069	mg/L		02/12/25 02:52	02/13/25 12:48	1
Nickel	<0.00049		0.0020	0.00049	mg/L		02/12/25 02:52	02/13/25 12:48	1
Lead	<0.00037		0.0020	0.00037	mg/L		02/12/25 02:52	02/13/25 12:48	1
Antimony	<0.0011		0.0020	0.0011	mg/L		02/12/25 02:52	02/13/25 12:48	1
Selenium	<0.00069		0.0020	0.00069	mg/L		02/12/25 02:52	02/13/25 12:48	1
Thallium	<0.00022		0.0020	0.00022	mg/L		02/12/25 02:52	02/13/25 12:48	1
Zinc	<0.00089		0.0040	0.00089	mg/L		02/12/25 02:52	02/13/25 12:48	1

Lab Sample ID: LCS 860-216122/2-A
Matrix: Water
Analysis Batch: 216563

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 216122

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	0.0500	0.0520		mg/L		104	85 - 115
Aluminum	0.500	0.498		mg/L		100	85 - 115
Arsenic	0.100	0.102		mg/L		102	85 - 115
Barium	0.100	0.101		mg/L		101	85 - 115
Beryllium	0.100	0.107		mg/L		107	85 - 115
Cadmium	0.100	0.102		mg/L		102	85 - 115
Chromium	0.100	0.102		mg/L		102	85 - 115
Copper	0.100	0.103		mg/L		103	85 - 115
Nickel	0.100	0.102		mg/L		102	85 - 115
Lead	0.100	0.101		mg/L		101	85 - 115
Antimony	0.100	0.0994		mg/L		99	85 - 115
Selenium	0.100	0.102		mg/L		102	85 - 115
Thallium	0.100	0.101		mg/L		101	85 - 115

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 860-216122/2-A
Matrix: Water
Analysis Batch: 216563

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 216122

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	0.100	0.104		mg/L		104	85 - 115

Lab Sample ID: LCSD 860-216122/3-A
Matrix: Water
Analysis Batch: 216563

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 216122

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Silver	0.0500	0.0516		mg/L		103	85 - 115	1	20
Aluminum	0.500	0.489		mg/L		98	85 - 115	2	20
Arsenic	0.100	0.101		mg/L		101	85 - 115	0	20
Barium	0.100	0.101		mg/L		101	85 - 115	0	20
Beryllium	0.100	0.107		mg/L		107	85 - 115	0	20
Cadmium	0.100	0.102		mg/L		102	85 - 115	0	20
Chromium	0.100	0.102		mg/L		102	85 - 115	0	20
Copper	0.100	0.101		mg/L		101	85 - 115	2	20
Nickel	0.100	0.101		mg/L		101	85 - 115	1	20
Lead	0.100	0.101		mg/L		101	85 - 115	0	20
Antimony	0.100	0.101		mg/L		101	85 - 115	2	20
Selenium	0.100	0.102		mg/L		102	85 - 115	0	20
Thallium	0.100	0.101		mg/L		101	85 - 115	0	20
Zinc	0.100	0.101		mg/L		101	85 - 115	3	20

Lab Sample ID: LLCS 860-216122/4-A
Matrix: Water
Analysis Batch: 216563

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 216122

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	0.00200	0.00199	J	mg/L		99	50 - 150
Aluminum	0.0200	0.0206		mg/L		103	50 - 150
Arsenic	0.00400	0.00411		mg/L		103	50 - 150
Barium	0.00400	0.00409		mg/L		102	50 - 150
Beryllium	0.00200	0.00215		mg/L		108	50 - 150
Cadmium	0.00200	0.00209		mg/L		105	50 - 150
Chromium	0.00400	0.00417		mg/L		104	50 - 150
Copper	0.00400	0.00438		mg/L		109	50 - 150
Nickel	0.00200	0.00205		mg/L		102	50 - 150
Lead	0.00200	0.00206		mg/L		103	50 - 150
Antimony	0.00200	0.00209		mg/L		104	50 - 150
Selenium	0.00200	0.00172	J	mg/L		86	50 - 150
Thallium	0.00200	0.00207		mg/L		104	50 - 150
Zinc	0.00400	0.00413		mg/L		103	50 - 150

Method: 420.4 - Phenolics, Total Recoverable

Lab Sample ID: MB 860-216264/16
Matrix: Water
Analysis Batch: 216264

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total	<0.0058		0.010	0.0058	mg/L			02/11/25 18:14	1

Method: 420.4 - Phenolics, Total Recoverable

Lab Sample ID: MB 860-216264/55
Matrix: Water
Analysis Batch: 216264

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total	<0.0058		0.010	0.0058	mg/L			02/11/25 19:58	1

Lab Sample ID: LCS 860-216264/17
Matrix: Water
Analysis Batch: 216264

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phenols, Total	0.100	0.0983		mg/L		98	90 - 110

Lab Sample ID: LCS 860-216264/56
Matrix: Water
Analysis Batch: 216264

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phenols, Total	0.100	0.103		mg/L		103	90 - 110

Lab Sample ID: LCSD 860-216264/18
Matrix: Water
Analysis Batch: 216264

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
Phenols, Total	0.100	0.0967		mg/L		97	90 - 110	2	20

Lab Sample ID: LCSD 860-216264/57
Matrix: Water
Analysis Batch: 216264

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
Phenols, Total	0.100	0.102		mg/L		102	90 - 110	0	20

Method: Kelada 01 - Cyanide, Total, Acid Dissociable and Thiocyanate

Lab Sample ID: MB 860-215993/24
Matrix: Water
Analysis Batch: 215993

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.0020		0.0050	0.0020	mg/L			02/10/25 17:49	1

Lab Sample ID: MB 860-215993/66
Matrix: Water
Analysis Batch: 215993

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.0020		0.0050	0.0020	mg/L			02/10/25 19:54	1

Method: Kelada 01 - Cyanide, Total, Acid Dissociable and Thiocyanate (Continued)

Lab Sample ID: LCS 860-215993/52
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 215993

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.100	0.0907		mg/L		91	90 - 110

Lab Sample ID: LCSD 860-215993/53
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 215993

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.100	0.0906		mg/L		91	90 - 110	0	20

Lab Sample ID: LLCS 860-215993/75
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 215993

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.00500	0.00679		mg/L		136	50 - 150

Accreditation/Certification Summary

Client: City of Laredo
Job ID: 560-124214-1
Project/Site: Table III South laredo, 2/5/25

Laboratory: Eurofins Cleveland

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

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-28-25
Connecticut	State	PH-0806	12-31-26
Georgia	State	4062	02-27-25
Illinois	NELAP	200004	08-31-25
Iowa	State	421	06-01-25
Kansas	NELAP	E-10336	01-31-26
Kentucky (UST)	State	112225	02-27-25
Kentucky (WW)	State	KY98016	12-31-25
Minnesota	NELAP	039-999-348	12-31-25
New Hampshire	NELAP	225024	09-30-25
New Jersey	NELAP	OH001	07-03-25
New York	NELAP	10975	04-02-25
Ohio	State	8303	11-04-25
Ohio VAP	State	ORELAP 4062	02-27-25
Oregon	NELAP	4062	02-27-25
Pennsylvania	NELAP	68-00340	08-31-25
Texas	NELAP	T104704517-22-19	08-31-25
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-25
West Virginia DEP	State	210	12-31-25
Wisconsin	State	399167560	08-31-25

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
Job ID: 560-124214-1
Project/Site: Table III South laredo, 2/5/25

Method	Method Description	Protocol	Laboratory
1631E	Mercury, Low Level (CVAFS)	EPA	EET CLE
200.8	Metals (ICP/MS)	EPA	EET HOU
420.4	Phenolics, Total Recoverable	EPA	EET HOU
Kelada 01	Cyanide, Total, Acid Dissociable and Thiocyanate	EPA	EET HOU
1631E	Preparation, Mercury, Low Level	EPA	EET CLE
200.8	Preparation, Total Recoverable Metals	EPA	EET HOU

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

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

Sample Summary

Client: City of Laredo
Job ID: 560-124214-1
Project/Site: Table III South laredo, 2/5/25

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
560-124214-1	South Laredo Effluent	Water	02/05/25 10:00	02/06/25 10:33
560-124214-2	South Laredo Influent	Water	02/05/25 10:00	02/06/25 10:33
560-124214-3	South Laredo Effluent Field Blank	Water	02/05/25 10:00	02/06/25 10:33
560-124214-4	South Laredo Influent Field Blank	Water	02/05/25 10:00	02/06/25 10:33

Eurofins Corpus Christi
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Phone (361) 289-2471 Phone (361) 289-2673

Chain of Custody Record

eurofins | Environment Testing

560-124214 Chain of Custody

Client Information	Sampler: Plant opt	Lab PM: Maingot, Lindy	Carrier T
Client Contact: Robert Estrada	Phone: 956-721-2000	E-Mail: Lindy.Maingot@et.eurofinsus.com	State of
Company: City of Laredo	PWSID:	Analysis Requeste	
Address: 5816 Daugherty Avenue	Due Date Requested:		
City: Laredo	TAT Requested (days):		
State, Zip: TX, 78041	Compliance Project: Δ Yes Δ No		
Phone:	PO #: 423408		
Email: restrada1@ci.laredo.tx.us	WO #:		
Project Name: Table III	Project #: 56000544		
Site: Texas	SSOW#:		

N - None
D - HNO3
S - H2SO4
B - NaOH
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Perform MS/MSD (Y/N)	1631E 1631 Low Level Mercury (CANTON)	200.8 - 200.8 Metals, Table III List (Houston)	420.4_NP - 420.4 Total Phenols	335.4 335.4 Total Cyanide	Total Number of containers	Special Instructions/Note:
			Preservation Code:			N	D	S	B		
South Laredo Effluent	2-5 25	1000	G	Water		X	X	X	X		short hold
South Laredo Influent	2 5 25	1000	G	Water		X	X	X	X		Time on all
				Water						35	bottles
				Water			-	-		36	

Loc: 560
124214

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
J. Gongora	2 5-25 @1501	COL		2/6/25 1033	EXCC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No:	Cooler Temperature(s) °C and Other Remarks:
		3.5°/3.6°C IR-14

Ver: 05/06/2024

2.6/2.6

Eurofins Corpus Christi
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Phone: 361-289-2471 Fax: 361-289-2673

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Maingot, Lindy	Carrier Tracking No(s): N/A	COC No: 560-31172.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Lindy.Maingot@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: Eurofins Environment Testing North Centr		Accreditations Required (See note): NELAP Texas		Job #: 560-124214-1
Address: 180 S. Van Buren Avenue,	Due Date Requested: 2/18/2025			
City: Barberton	TAT Requested (days): N/A			
State, Zip: OH, 44203				
Phone: 330-497-9396(Tel) 330-497-0772(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Table III South laredo, 2/5/25	Project #: 56000544			
Site: City of Laredo	SSOW#: N/A			

Analysis Requested

Preservation Codes:

Other: N/A

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wasteoil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1631E/1631E_Prep Low Level Mercury (CANTON)	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
South Laredo Effluent (560-124214-1)	2/5/25	10:00 Central	G	Water			X	1	
South Laredo Influent (560-124214-2)	2/5/25	10:00 Central	G	Water			X	1	
South Laredo Effluent Field Blank (560-124214-3)	2/5/25	10:00 Central	G	Water			X	1	
South Laredo Influent Field Blank (560-124214-4)	2/5/25	10:00 Central	G	Water			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I II III IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by:	Date/Time:	Company
FN	2/6/25 1700	Ex			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Eurofins – Cleveland Sample Receipt Form/Narrative **Login # :** _____
Barberton Facility

Client Enterprise Corpus Christi Site Name _____ Cooler unpacked by TF

Cooler Received on 2/7/24 Opened on 2/7/24

FedEx: 1st Grd (Exp) UPS FAS Waypoint Client Drop Off Eurofins Courier Other _____

Receipt After-hours Drop-off Date/Time _____ Storage Location _____

Eurofins Cooler # EC Foam Box Client Cooler Box Other _____

Packing material used. (Bubble Wrap) Foam Plastic Bag None Other _____

COOLANT: (Wet Ice) Blue Ice Dry Ice Water None

1 *Cooler temperature upon receipt* ☐ See Multiple Cooler Form

IR GUN # 7760 13 (CF +0 °C) Observed Cooler Temp 2.6 °C Corrected Cooler Temp 2.6 °C

2. *Were tamper/custody seals on the outside of the cooler(s)?* If Yes Quantity 1	(Yes)	No
-Were the seals on the outside of the cooler(s) signed & dated?	(Yes)	No NA
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes	(No)
-Were tamper/custody seals intact and uncompromised?	Yes	No (NA)
3 Shippers' packing slip attached to the cooler(s)?	(Yes)	No
4 Did custody papers accompany the sample(s)?	(Yes)	No
5 Were the custody papers relinquished & signed in the appropriate place?	(Yes)	No
6 Was/were the person(s) who collected the samples clearly identified on the COC?	Yes	(No)
7 Did all bottles arrive in good condition (Unbroken)?	(Yes)	No
8 Could all bottle labels (ID/Date/Time) be reconciled with the COC?	(Yes)	No
9 For each sample, does the COC specify preservatives (Y/(N)), # of containers ((Y)/N), and sample type of grab/comp((Y)/N)?		
10 *Were correct bottle(s) used for the test(s) indicated?*	(Yes)	No
11 Sufficient quantity received to perform indicated analyses?	(Yes)	No
12 Are these work share samples and all listed on the COC?	(Yes)	No
If yes, Questions 13-17 have been checked at the originating laboratory		
13 Were all preserved sample(s) at the correct pH upon receipt?	Yes	No NA pH Strip Lot# HC448976
14 Were VOAs on the COC?	Yes	No
15 Were air bubbles >6 mm in any VOA vials? ● ← Larger than this	Yes	No NA
16 Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # _____	Yes	No
17 Was a LL Hg or Me Hg trip blank present? _____	Yes	No

Tests that are not checked for pH by Receiving:
VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page | Samples processed by:

_____

_____

_____

_____

19 SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container

Sample(s) _____ were received with bubble >6 mm in diameter (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory

Time preserved _____ Preservative(s) added/Lot number(s) _____

VOA Sample Preservation - Date/Time VOAs Frozen. _____

[illegible]GIN ID CRPA (361) 289-2673
SHIPPING/RECEIVING
EUROFINS
1733 NORTH PADRE ISLAND DRIVE

CORPUS CHRISTI, TX 78408
UNITED STATES US

SHIP DATE 06FEB25
ACTWGT 18 35 LB
CAD 0425544/CAFE3855

BILL SENDER

TO **SHIPPING/RECEIVING**

180 S. VAN BUREN AVENUE

BARBERTON OH 44203
(330) 497-8396 REF
INV:
PO: DEPT.

589C2/E49C/FE2D

FedEx
Express

E

J243024070401uv

FRI - 07 FEB 10:30A
PRIORITY OVERNIGHT

TRK# 0201 **4114 7161 3053**

44203
OH-US **CLE**

XN CAKA

Part # 154254-354 MTW EXP 07/25

Eurofins Corpus Christi
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Phone: 361-289-2471 Fax: 361-289-2673

2-6/2-6

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Maingot, Lindy	Carrier Tracking No(s): N/A	COC No: 560-31172.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Lindy Maingot@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: Eurofins Environment Testing North Centr		Accreditations Required (See note): NELAP Texas		Job #: 560-124214-1
Address: 180 S. Van Buren Avenue,	Due Date Requested: 2/18/2025			Preservation Codes:
City: Barberton	TAT Requested (days): N/A			
State, Zip: OH, 44203				
Phone: 330-497-9396(Tel) 330-497-0772(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Table III South laredo, 2/5/25	Project #: 56000544			
Site: City of Laredo	SSOW#: N/A			Other: N/A

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1631E/1631E_Prep Low Level Mercury (CANTON)	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
South Laredo Effluent (560-124214-1)	2/5/25	10:00 Central	G	Water			X	1	
South Laredo Influent (560-124214-2)	2/5/25	10:00 Central	G	Water			X	1	
South Laredo Effluent Field Blank (560-124214-3)	2/5/25	10:00 Central	G	Water			X	1	
South Laredo Influent Field Blank (560-124214-4)	2/5/25	10:00 Central	G	Water			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification: Unconfirmed	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
Deliverable Requested. I, II, III IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
FL	2/6/25 1700	Fx	JF	2/7/25 930	Euro
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Eurofins – Cleveland Sample Receipt Form/Narrative **Login # :** _____
Barberton Facility

Client Enterab Corpus Christi Site Name _____ Cooler unpacked by: TF

Cooler Received on 2/12/25 Opened on 2/12/25

FedEx: 1st Grd (Exp) UPS FAS Waypoint Client Drop Off Eurofins Courier Other _____

Receipt After-hours Drop-off Date/Time _____ Storage Location _____

Eurofins Cooler # (EC) Foam Box Client Cooler Box Other _____

Packing material used. (Bubble Wrap) Foam Plastic Bag None Other _____

COOLANT: (Wet Ice) Blue Ice Dry Ice Water None

1 Cooler temperature upon receipt ☐ See Multiple Cooler Form

IR GUN # (T70 B) (CF +0 °C) Observed Cooler Temp. 2.6 °C Corrected Cooler Temp. 2.6 °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 1	(Yes)	No
-Were the seals on the outside of the cooler(s) signed & dated?	(Yes)	No NA
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes	(No)
-Were tamper/custody seals intact and uncompromised?	Yes	No (NA)
3 Shippers' packing slip attached to the cooler(s)?	(Yes)	No
4. Did custody papers accompany the sample(s)?	(Yes)	No
5 Were the custody papers relinquished & signed in the appropriate place?	(Yes)	No
6 Was/were the person(s) who collected the samples clearly identified on the COC?	Yes	(No)
7 Did all bottles arrive in good condition (Unbroken)?	(Yes)	No
8 Could all bottle labels (ID/Date/Time) be reconciled with the COC?	(Yes)	No
9 For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?		
10 Were correct bottle(s) used for the test(s) indicated?	(Yes)	No
11 Sufficient quantity received to perform indicated analyses?	(Yes)	No
12. Are these work share samples and all listed on the COC?	(Yes)	No
If yes, Questions 13-17 have been checked at the originating laboratory		
13 Were all preserved sample(s) at the correct pH upon receipt?	Yes	No NA pH Strip Lot# HC448976
14 Were VOAs on the COC?	Yes	No
15 Were air bubbles >6 mm in any VOA vials? ● ← Larger than this	Yes	No NA
16 Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # _____	Yes	No
17 Was a LL Hg or Me Hg trip blank present? _____	Yes	No

Tests that are not checked for pH by Receiving:
VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page | Samples processed by:

_____

_____

_____

_____

19 SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired

Sample(s) _____ were received in a broken container

Sample(s) _____ were received with bubble >6 mm in diameter (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory

Time preserved. _____ Preservative(s) added/Lot number(s). _____

VOA Sample Preservation - Date/Time VOAs Frozen. _____


SHIP DATE 06FEB25
ACTWGT 18.35 LB
CAD 0425544/CAFE3855
BILL SENDER
SHIPPING/RECEIVING
EUROFINS
1733 NORTH PADRE ISLAND DRIVE
CORPUS CHRISTI, TX 78408
UNITED STATES US
TO SHIPPING/RECEIVING
180 S. VAN BUREN AVENUE
BARBERTON OH 44203
(330) 497-9396
REF
DEPT:
INV:
PO:
FedEx
Express
FRI - 07 FEB 10:30A
PRIORITY OVERNIGHT
TRK# 0201 4114 7161 3053
44203
OH-US
CLE
XN CAKA
Part # 154254-354 MTW EXP 07/25

Eurofins Corpus Christi
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Phone: 361-289-2471 Fax: 361-289-2673

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Maingot, Lindy	Carrier Tracking No(s): N/A	COC No: 560-31171 1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Lindy Maingot@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 560-124214-1
Address: 4145 Greenbriar Dr	Due Date Requested: 2/18/2025			
City: Stafford	TAT Requested (days): N/A			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Table III South laredo 2/5/25	Project #: 56000544			
Site: City of Laredo	SSOW#: N/A			

Analysis Requested

Preservation Codes:

Other: N/A

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	200.8/200.8_P_TR Metals IPP Table III List (Houston)	420.4_NP/ 420.4 Total Phenols	Kelada_01/ Kelada_01 Total Cyanide	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
South Laredo Effluent (560-124214-1)	2/5/25	10:00 Central	G	Water			X	X	X	3	
South Laredo Influent (560-124214-2)	2/5/25	10:00 Central	G	Water			X	X	X	3	
											Hg 3608 1.6 1.6

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I II III, IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:		Time:	Method of Shipment:	
Relinquished by: PL	Date/Time: 2/6/25 17:00	Company TPX	Received by:	Date/Time:	Company	
Relinquished by:	Date/Time:	Company	Received by: Jeremiah Baker	Date/Time: 2/7/2025 6.00	Company TPX	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Login Sample Receipt Checklist

Client: City of Laredo

Job Number: 560-124214-1

Login Number: 124214

List Source: Eurofins Corpus Christi

List Number: 1

Creator: Stacy, Taylor

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	
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 <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	Check done at department level as required.

Login Sample Receipt Checklist

Client: City of Laredo

Job Number: 560-124214-1

Login Number: 124214
List Number: 2
Creator: Baker, Jeremiah

List Source: Eurofins Houston
List Creation: 02/07/25 10:23 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
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 <6mm (1/4").	True	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 8/17/2024 5:00:27 PM

JOB DESCRIPTION

Pretreatment Table III, 8/6/24

JOB NUMBER

560-120159-1

Eurofins Corpus Christi
1733 N. Padre Island Drive
Corpus Christi TX 78408

See page two for job notes and contact information.

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.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization

Generated
8/17/2024 5:00:27 PM

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

Definitions/Glossary

Client: City of Laredo
Job ID: 560-120159-1
Project/Site: Pretreatment Table III, 8/6/24

Qualifiers

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
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
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

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

Job Narrative
560-120159-1

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 samples were received on 8/7/2024 10:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.6°C.

Metals
Method 1631E: Reanalysis confirms the blank result above the requested reporting limit: Zacate Creek Effluent Field Blank (560-120159-7)

Method 200.8 - Total Recoverable: The method blank for preparation batch 860-180739 and analytical batch 860-181025 contained Selenium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

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

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

Detection Summary

Client: City of Laredo
Job ID: 560-120159-1
Project/Site: Pretreatment Table III, 8/6/24

Client Sample ID: South Laredo Effluent — Lab Sample ID: 560-120159-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.0018		0.00050	0.00014	ug/L	1		1631E	Total/NA
Aluminum	0.016	J	0.020	0.0030	mg/L	1		200.8	Total Recoverable
Arsenic	0.0016	J	0.0040	0.00034	mg/L	1		200.8	Total Recoverable
Barium	0.050		0.0040	0.00029	mg/L	1		200.8	Total Recoverable
Copper	0.0051		0.0040	0.00069	mg/L	1		200.8	Total Recoverable
Nickel	0.0029		0.0020	0.00049	mg/L	1		200.8	Total Recoverable
Selenium	0.00080	J B	0.0020	0.00069	mg/L	1		200.8	Total Recoverable
Zinc	0.051		0.0040	0.00089	mg/L	1		200.8	Total Recoverable
Cyanide, Total	0.0053		0.0050	0.0020	mg/L	1		Kelada 01	Total/NA

Client Sample ID: South Laredo Influent — Lab Sample ID: 560-120159-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.028		0.0050	0.0014	ug/L	10		1631E	Total/NA
Silver	0.00019	J	0.0020	0.00012	mg/L	1		200.8	Total Recoverable
Aluminum	0.29		0.020	0.0030	mg/L	1		200.8	Total Recoverable
Arsenic	0.0014	J	0.0040	0.00034	mg/L	1		200.8	Total Recoverable
Barium	0.086		0.0040	0.00029	mg/L	1		200.8	Total Recoverable
Chromium	0.00058	J	0.0040	0.00033	mg/L	1		200.8	Total Recoverable
Copper	0.029		0.0040	0.00069	mg/L	1		200.8	Total Recoverable
Nickel	0.0031		0.0020	0.00049	mg/L	1		200.8	Total Recoverable
Lead	0.00057	J	0.0020	0.00014	mg/L	1		200.8	Total Recoverable
Antimony	0.0014	J	0.0020	0.0011	mg/L	1		200.8	Total Recoverable
Selenium	0.0014	J B	0.0020	0.00069	mg/L	1		200.8	Total Recoverable
Zinc	0.094		0.0040	0.00089	mg/L	1		200.8	Total Recoverable
Phenols, Total	0.087		0.010	0.0058	mg/L	1		420.4	Total/NA
Cyanide, Total	0.0044	J	0.0050	0.0020	mg/L	1		Kelada 01	Total/NA

Client Sample ID: Zacate Creek Effluent — Lab Sample ID: 560-120159-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.0081		0.00050	0.00014	ug/L	1		1631E	Total/NA
Aluminum	0.070		0.020	0.0030	mg/L	1		200.8	Total Recoverable
Arsenic	0.0011	J	0.0040	0.00034	mg/L	1		200.8	Total Recoverable
Barium	0.081		0.0040	0.00029	mg/L	1		200.8	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: Zacate Creek Effluent (Continued) — Lab Sample ID: 560-120159-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	0.0099		0.0040	0.00069	mg/L	1		200.8	Total Recoverable
Nickel	0.0024		0.0020	0.00049	mg/L	1		200.8	Total Recoverable
Lead	0.00027	J	0.0020	0.00014	mg/L	1		200.8	Total Recoverable
Selenium	0.0014	J B	0.0020	0.00069	mg/L	1		200.8	Total Recoverable
Zinc	0.020		0.0040	0.00089	mg/L	1		200.8	Total Recoverable
Cyanide, Total	0.0065		0.0050	0.0020	mg/L	1		Kelada 01	Total/NA

Client Sample ID: Zacate Creek Influent — Lab Sample ID: 560-120159-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.022		0.0020	0.00056	ug/L	4		1631E	Total/NA
Aluminum	0.21		0.020	0.0030	mg/L	1		200.8	Total Recoverable
Arsenic	0.0015	J	0.0040	0.00034	mg/L	1		200.8	Total Recoverable
Barium	0.091		0.0040	0.00029	mg/L	1		200.8	Total Recoverable
Copper	0.026		0.0040	0.00069	mg/L	1		200.8	Total Recoverable
Nickel	0.0031		0.0020	0.00049	mg/L	1		200.8	Total Recoverable
Lead	0.00073	J	0.0020	0.00014	mg/L	1		200.8	Total Recoverable
Selenium	0.0018	J B	0.0020	0.00069	mg/L	1		200.8	Total Recoverable
Zinc	0.060		0.0040	0.00089	mg/L	1		200.8	Total Recoverable
Phenols, Total	0.070		0.010	0.0058	mg/L	1		420.4	Total/NA
Cyanide, Total	0.0034	J	0.0050	0.0020	mg/L	1		Kelada 01	Total/NA

Client Sample ID: South Laredo Effluent Field Blank — Lab Sample ID: 560-120159-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.00031	J	0.00050	0.00014	ug/L	1		1631E	Total/NA

Client Sample ID: South Laredo Influent Field Blank — Lab Sample ID: 560-120159-6

No Detections.

Client Sample ID: Zacate Creek Effluent Field Blank — Lab Sample ID: 560-120159-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.00051		0.00050	0.00014	ug/L	1		1631E	Total/NA

Client Sample ID: Zacate Creek Influent Field Blank — Lab Sample ID: 560-120159-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.00045	J	0.00050	0.00014	ug/L	1		1631E	Total/NA

This Detection Summary does not include radiochemical test results.

Client: City of Laredo
Job ID: 560-120159-1
Project/Site: Pretreatment Table III, 8/6/24

Client Sample ID: South Laredo Effluent
Lab Sample ID: 560-120159-1
Date Collected: 08/06/24 10:00
Matrix: Water
Date Received: 08/07/24 10:30

Method: EPA 1631E - Mercury, Low Level (CVAFS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0018**		0.00050	0.00014	ug/L		08/08/24 15:00	08/09/24 11:42	1

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.00012		0.0020	0.00012	mg/L		08/09/24 18:18	08/12/24 15:50	1
Aluminum	**0.016**	**J**	0.020	0.0030	mg/L		08/09/24 18:18	08/12/24 15:50	1
Arsenic	**0.0016**	**J**	0.0040	0.00034	mg/L		08/09/24 18:18	08/12/24 15:50	1
Barium	**0.050**		0.0040	0.00029	mg/L		08/09/24 18:18	08/12/24 15:50	1
Beryllium	<0.00015		0.0020	0.00015	mg/L		08/09/24 18:18	08/12/24 15:50	1
Cadmium	<0.00026		0.0020	0.00026	mg/L		08/09/24 18:18	08/12/24 15:50	1
Chromium	<0.00033		0.0040	0.00033	mg/L		08/09/24 18:18	08/12/24 15:50	1
Copper	**0.0051**		0.0040	0.00069	mg/L		08/09/24 18:18	08/12/24 15:50	1
Nickel	**0.0029**		0.0020	0.00049	mg/L		08/09/24 18:18	08/12/24 15:50	1
Lead	<0.00014		0.0020	0.00014	mg/L		08/09/24 18:18	08/12/24 15:50	1
Antimony	<0.0011		0.0020	0.0011	mg/L		08/09/24 18:18	08/12/24 15:50	1
Selenium	**0.00080**	**J B**	0.0020	0.00069	mg/L		08/09/24 18:18	08/12/24 15:50	1
Thallium	<0.00022		0.0020	0.00022	mg/L		08/09/24 18:18	08/12/24 15:50	1
Zinc	**0.051**		0.0040	0.00089	mg/L		08/09/24 18:18	08/12/24 15:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	<0.0058		0.010	0.0058	mg/L			08/13/24 11:37	1
Cyanide, Total (EPA Kelada 01)	**0.0053**		0.0050	0.0020	mg/L			08/16/24 16:04	1

Client Sample ID: South Laredo Influent
Lab Sample ID: 560-120159-2
Date Collected: 08/06/24 10:00
Matrix: Water
Date Received: 08/07/24 10:30

Method: EPA 1631E - Mercury, Low Level (CVAFS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.028**		0.0050	0.0014	ug/L		08/08/24 15:00	08/09/24 11:57	10

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**0.00019**	**J**	0.0020	0.00012	mg/L		08/09/24 18:18	08/12/24 15:53	1
Aluminum	**0.29**		0.020	0.0030	mg/L		08/09/24 18:18	08/12/24 15:53	1
Arsenic	**0.0014**	**J**	0.0040	0.00034	mg/L		08/09/24 18:18	08/12/24 15:53	1
Barium	**0.086**		0.0040	0.00029	mg/L		08/09/24 18:18	08/12/24 15:53	1
Beryllium	<0.00015		0.0020	0.00015	mg/L		08/09/24 18:18	08/12/24 15:53	1
Cadmium	<0.00026		0.0020	0.00026	mg/L		08/09/24 18:18	08/12/24 15:53	1
Chromium	**0.00058**	**J**	0.0040	0.00033	mg/L		08/09/24 18:18	08/12/24 15:53	1
Copper	**0.029**		0.0040	0.00069	mg/L		08/09/24 18:18	08/12/24 15:53	1
Nickel	**0.0031**		0.0020	0.00049	mg/L		08/09/24 18:18	08/12/24 15:53	1
Lead	**0.00057**	**J**	0.0020	0.00014	mg/L		08/09/24 18:18	08/12/24 15:53	1
Antimony	**0.0014**	**J**	0.0020	0.0011	mg/L		08/09/24 18:18	08/12/24 15:53	1
Selenium	**0.0014**	**J B**	0.0020	0.00069	mg/L		08/09/24 18:18	08/12/24 15:53	1
Thallium	<0.00022		0.0020	0.00022	mg/L		08/09/24 18:18	08/12/24 15:53	1
Zinc	**0.094**		0.0040	0.00089	mg/L		08/09/24 18:18	08/12/24 15:53	1

Client: City of Laredo
Job ID: 560-120159-1
Project/Site: Pretreatment Table III, 8/6/24

Client Sample ID: South Laredo Influent
Lab Sample ID: 560-120159-2
Date Collected: 08/06/24 10:00
Matrix: Water
Date Received: 08/07/24 10:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	0.087		0.010	0.0058	mg/L			08/13/24 11:40	1
Cyanide, Total (EPA Kelada 01)	0.0044	J	0.0050	0.0020	mg/L			08/16/24 16:07	1

Client Sample ID: Zacate Creek Effluent
Lab Sample ID: 560-120159-3
Date Collected: 08/06/24 10:00
Matrix: Water
Date Received: 08/07/24 10:30

Method: EPA 1631E - Mercury, Low Level (CVAFS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0081		0.00050	0.00014	ug/L		08/08/24 15:00	08/09/24 12:02	1

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.00012		0.0020	0.00012	mg/L		08/09/24 18:18	08/12/24 15:55	1
Aluminum	0.070		0.020	0.0030	mg/L		08/09/24 18:18	08/12/24 15:55	1
Arsenic	0.0011	J	0.0040	0.00034	mg/L		08/09/24 18:18	08/12/24 15:55	1
Barium	0.081		0.0040	0.00029	mg/L		08/09/24 18:18	08/12/24 15:55	1
Beryllium	<0.00015		0.0020	0.00015	mg/L		08/09/24 18:18	08/12/24 15:55	1
Cadmium	<0.00026		0.0020	0.00026	mg/L		08/09/24 18:18	08/12/24 15:55	1
Chromium	<0.00033		0.0040	0.00033	mg/L		08/09/24 18:18	08/12/24 15:55	1
Copper	0.0099		0.0040	0.00069	mg/L		08/09/24 18:18	08/12/24 15:55	1
Nickel	0.0024		0.0020	0.00049	mg/L		08/09/24 18:18	08/12/24 15:55	1
Lead	0.00027	J	0.0020	0.00014	mg/L		08/09/24 18:18	08/12/24 15:55	1
Antimony	<0.0011		0.0020	0.0011	mg/L		08/09/24 18:18	08/12/24 15:55	1
Selenium	0.0014	J B	0.0020	0.00069	mg/L		08/09/24 18:18	08/12/24 15:55	1
Thallium	<0.00022		0.0020	0.00022	mg/L		08/09/24 18:18	08/12/24 15:55	1
Zinc	0.020		0.0040	0.00089	mg/L		08/09/24 18:18	08/12/24 15:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	<0.0058		0.010	0.0058	mg/L			08/13/24 11:42	1
Cyanide, Total (EPA Kelada 01)	0.0065		0.0050	0.0020	mg/L			08/16/24 16:10	1

Client Sample ID: Zacate Creek Influent
Lab Sample ID: 560-120159-4
Date Collected: 08/06/24 10:00
Matrix: Water
Date Received: 08/07/24 10:30

Method: EPA 1631E - Mercury, Low Level (CVAFS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.022		0.0020	0.00056	ug/L		08/08/24 15:00	08/09/24 12:07	4

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.00012		0.0020	0.00012	mg/L		08/09/24 18:18	08/12/24 15:57	1
Aluminum	0.21		0.020	0.0030	mg/L		08/09/24 18:18	08/12/24 15:57	1
Arsenic	0.0015	J	0.0040	0.00034	mg/L		08/09/24 18:18	08/12/24 15:57	1
Barium	0.091		0.0040	0.00029	mg/L		08/09/24 18:18	08/12/24 15:57	1
Beryllium	<0.00015		0.0020	0.00015	mg/L		08/09/24 18:18	08/12/24 15:57	1
Cadmium	<0.00026		0.0020	0.00026	mg/L		08/09/24 18:18	08/12/24 15:57	1
Chromium	<0.00033		0.0040	0.00033	mg/L		08/09/24 18:18	08/12/24 15:57	1
Copper	0.026		0.0040	0.00069	mg/L		08/09/24 18:18	08/12/24 15:57	1

Client Sample ID: Zacate Creek Influent
Lab Sample ID: 560-120159-4
Date Collected: 08/06/24 10:00
Matrix: Water
Date Received: 08/07/24 10:30

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	0.0031		0.0020	0.00049	mg/L		08/09/24 18:18	08/12/24 15:57	1
Lead	0.00073	J	0.0020	0.00014	mg/L		08/09/24 18:18	08/12/24 15:57	1
Antimony	<0.0011		0.0020	0.0011	mg/L		08/09/24 18:18	08/12/24 15:57	1
Selenium	0.0018	J B	0.0020	0.00069	mg/L		08/09/24 18:18	08/12/24 15:57	1
Thallium	<0.00022		0.0020	0.00022	mg/L		08/09/24 18:18	08/12/24 15:57	1
Zinc	0.060		0.0040	0.00089	mg/L		08/09/24 18:18	08/12/24 15:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	0.070		0.010	0.0058	mg/L			08/13/24 11:45	1
Cyanide, Total (EPA Kelada 01)	0.0034	J	0.0050	0.0020	mg/L			08/16/24 16:24	1

Client Sample ID: South Laredo Effluent Field Blank
Lab Sample ID: 560-120159-5
Date Collected: 08/06/24 10:00
Matrix: Water
Date Received: 08/07/24 10:30

Method: EPA 1631E - Mercury, Low Level (CVAFS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00031	J	0.00050	0.00014	ug/L		08/08/24 15:00	08/09/24 12:11	1

Client Sample ID: South Laredo Influent Field Blank
Lab Sample ID: 560-120159-6
Date Collected: 08/06/24 10:00
Matrix: Water
Date Received: 08/07/24 10:30

Method: EPA 1631E - Mercury, Low Level (CVAFS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00014		0.00050	0.00014	ug/L		08/08/24 15:00	08/09/24 12:16	1

Client Sample ID: Zacate Creek Effluent Field Blank
Lab Sample ID: 560-120159-7
Date Collected: 08/06/24 10:00
Matrix: Water
Date Received: 08/07/24 10:30

Method: EPA 1631E - Mercury, Low Level (CVAFS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00051		0.00050	0.00014	ug/L		08/08/24 15:00	08/09/24 12:21	1

Client Sample ID: Zacate Creek Influent Field Blank
Lab Sample ID: 560-120159-8
Date Collected: 08/06/24 10:00
Matrix: Water
Date Received: 08/07/24 10:30

Method: EPA 1631E - Mercury, Low Level (CVAFS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00045	J	0.00050	0.00014	ug/L		08/08/24 15:00	08/09/24 12:26	1

Method: 1631E - Mercury, Low Level (CVAFS)

Lab Sample ID: MB 240-622820/1-A
Matrix: Water
Analysis Batch: 622993

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 622820

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00014		0.00050	0.00014	ug/L		08/08/24 15:00	08/09/24 11:18	1

Lab Sample ID: LCS 240-622820/2-A
Matrix: Water
Analysis Batch: 622993

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 622820

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00500	0.00412		ug/L		82	77 - 123		

Lab Sample ID: 560-120159-1 MS
Matrix: Water
Analysis Batch: 622993

Client Sample ID: South Laredo Effluent
Prep Type: Total/NA
Prep Batch: 622820

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	0.0018		0.00500	0.00648		ug/L		94	71 - 125		

Lab Sample ID: 560-120159-1 MSD
Matrix: Water
Analysis Batch: 622993

Client Sample ID: South Laredo Effluent
Prep Type: Total/NA
Prep Batch: 622820

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.0018		0.00500	0.00645		ug/L		93	71 - 125	1	24

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 860-180739/2-A
Matrix: Water
Analysis Batch: 181025

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 180739

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.00012		0.0020	0.00012	mg/L		08/09/24 18:18	08/12/24 15:21	1
Aluminum	<0.0030		0.020	0.0030	mg/L		08/09/24 18:18	08/12/24 15:21	1
Arsenic	<0.00034		0.0040	0.00034	mg/L		08/09/24 18:18	08/12/24 15:21	1
Barium	<0.00029		0.0040	0.00029	mg/L		08/09/24 18:18	08/12/24 15:21	1
Beryllium	<0.00015		0.0020	0.00015	mg/L		08/09/24 18:18	08/12/24 15:21	1
Cadmium	<0.00026		0.0020	0.00026	mg/L		08/09/24 18:18	08/12/24 15:21	1
Chromium	<0.00033		0.0040	0.00033	mg/L		08/09/24 18:18	08/12/24 15:21	1
Copper	<0.00069		0.0040	0.00069	mg/L		08/09/24 18:18	08/12/24 15:21	1
Nickel	<0.00049		0.0020	0.00049	mg/L		08/09/24 18:18	08/12/24 15:21	1
Lead	<0.00014		0.0020	0.00014	mg/L		08/09/24 18:18	08/12/24 15:21	1
Antimony	<0.0011		0.0020	0.0011	mg/L		08/09/24 18:18	08/12/24 15:21	1
Selenium	0.00114	J	0.0020	0.00069	mg/L		08/09/24 18:18	08/12/24 15:21	1
Thallium	<0.00022		0.0020	0.00022	mg/L		08/09/24 18:18	08/12/24 15:21	1
Zinc	<0.00089		0.0040	0.00089	mg/L		08/09/24 18:18	08/12/24 15:21	1

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 860-180739/3-A
Matrix: Water
Analysis Batch: 181025

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 180739

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	0.0500	0.0461		mg/L		92	85 - 115
Aluminum	0.500	0.478		mg/L		96	85 - 115
Arsenic	0.100	0.0928		mg/L		93	85 - 115
Barium	0.100	0.0959		mg/L		96	85 - 115
Beryllium	0.100	0.0885		mg/L		89	85 - 115
Cadmium	0.100	0.0914		mg/L		91	85 - 115
Chromium	0.100	0.0938		mg/L		94	85 - 115
Copper	0.100	0.0907		mg/L		91	85 - 115
Nickel	0.100	0.0921		mg/L		92	85 - 115
Lead	0.100	0.0931		mg/L		93	85 - 115
Antimony	0.100	0.0867		mg/L		87	85 - 115
Selenium	0.100	0.0924		mg/L		92	85 - 115
Thallium	0.100	0.0961		mg/L		96	85 - 115
Zinc	0.100	0.0912		mg/L		91	85 - 115

Lab Sample ID: LCSD 860-180739/4-A
Matrix: Water
Analysis Batch: 181025

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 180739

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Silver	0.0500	0.0469		mg/L		94	85 - 115	2	20
Aluminum	0.500	0.474		mg/L		95	85 - 115	1	20
Arsenic	0.100	0.0921		mg/L		92	85 - 115	1	20
Barium	0.100	0.0945		mg/L		95	85 - 115	1	20
Beryllium	0.100	0.0891		mg/L		89	85 - 115	1	20
Cadmium	0.100	0.0915		mg/L		92	85 - 115	0	20
Chromium	0.100	0.0951		mg/L		95	85 - 115	1	20
Copper	0.100	0.0914		mg/L		91	85 - 115	1	20
Nickel	0.100	0.0933		mg/L		93	85 - 115	1	20
Lead	0.100	0.0921		mg/L		92	85 - 115	1	20
Antimony	0.100	0.0901		mg/L		90	85 - 115	4	20
Selenium	0.100	0.0915		mg/L		91	85 - 115	1	20
Thallium	0.100	0.0947		mg/L		95	85 - 115	1	20
Zinc	0.100	0.0906		mg/L		91	85 - 115	1	20

Lab Sample ID: LLCS 860-180739/1-A
Matrix: Water
Analysis Batch: 181025

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 180739

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	0.00200	0.00184	J	mg/L		92	50 - 150
Aluminum	0.0200	0.0189	J	mg/L		94	50 - 150
Arsenic	0.00400	0.00388	J	mg/L		97	50 - 150
Barium	0.00400	0.00405		mg/L		101	50 - 150
Beryllium	0.00200	0.00193	J	mg/L		96	50 - 150
Cadmium	0.00200	0.00195	J	mg/L		97	50 - 150
Chromium	0.00400	0.00379	J	mg/L		95	50 - 150
Copper	0.00400	0.00410		mg/L		102	50 - 150
Nickel	0.00200	0.00197	J	mg/L		98	50 - 150

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: LLCS 860-180739/1-A
Matrix: Water
Analysis Batch: 181025

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 180739

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.00200	0.00197	J	mg/L		99	50 - 150
Antimony	0.00200	0.00220		mg/L		110	50 - 150
Selenium	0.00200	0.00233		mg/L		116	50 - 150
Thallium	0.00200	0.00197	J	mg/L		99	50 - 150
Zinc	0.00400	0.00356	J	mg/L		89	50 - 150

Method: 420.4 - Phenolics, Total Recoverable

Lab Sample ID: MB 860-181234/14
Matrix: Water
Analysis Batch: 181234

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total	<0.0058		0.010	0.0058	mg/L			08/13/24 10:54	1

Lab Sample ID: LCS 860-181234/15
Matrix: Water
Analysis Batch: 181234

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phenols, Total	0.100	0.102		mg/L		102	90 - 110

Lab Sample ID: LCSD 860-181234/16
Matrix: Water
Analysis Batch: 181234

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
Phenols, Total	0.100	0.105		mg/L		105	90 - 110	2	20

Lab Sample ID: 560-120159-4 MS
Matrix: Water
Analysis Batch: 181234

Client Sample ID: Zacate Creek Influent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Phenols, Total	0.070		0.100	0.176		mg/L		106	90 - 110

Lab Sample ID: 560-120159-4 MSD
Matrix: Water
Analysis Batch: 181234

Client Sample ID: Zacate Creek Influent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenols, Total	0.070		0.100	0.173		mg/L		104	90 - 110	1	20

Method: Kelada 01 - Cyanide, Total, Acid Dissociable and Thiocyanate

Lab Sample ID: MB 860-182131/24
Matrix: Water
Analysis Batch: 182131

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.0020		0.0050	0.0020	mg/L			08/16/24 15:44	1

Client: City of Laredo
Project/Site: Pretreatment Table III, 8/6/24

Job ID: 560-120159-1

Method: Kelada 01 - Cyanide, Total, Acid Dissociable and Thiocyanate

Lab Sample ID: LCS 860-182131/26
Matrix: Water
Analysis Batch: 182131

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			0.0500	0.0465		mg/L		93	90 - 110		

Lab Sample ID: LCSD 860-182131/27
Matrix: Water
Analysis Batch: 182131

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
Cyanide, Total			0.0500	0.0492		mg/L		98	90 - 110	6	20

Lab Sample ID: LLCS 860-182131/25
Matrix: Water
Analysis Batch: 182131

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

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			0.00500	0.00499	J	mg/L		100	50 - 150		

Accreditation/Certification Summary

Client: City of Laredo
Job ID: 560-120159-1
Project/Site: Pretreatment Table III, 8/6/24

Laboratory: Eurofins Cleveland

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

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-28-25
Georgia	State	4062	02-27-25
Illinois	NELAP	200004	08-31-25
Iowa	State	421	06-01-25
Kentucky (UST)	State	112225	02-27-25
Kentucky (WW)	State	KY98016	12-30-24
Minnesota	NELAP	039-999-348	12-31-24
New Jersey	NELAP	OH001	07-03-25
New York	NELAP	10975	04-02-25
Ohio VAP	State	ORELAP 4062	02-27-25
Oregon	NELAP	4062	02-27-25
Pennsylvania	NELAP	68-00340	08-31-25
Texas	NELAP	T104704517-22-19	08-31-24
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-24
West Virginia DEP	State	210	12-31-24

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	08-03-25
Florida	NELAP	E871002	06-30-25
Louisiana (All)	NELAP	03054	06-30-25
Oklahoma	NELAP	1306	08-31-24
Oklahoma	State	2023-139	08-31-24
Texas	NELAP	T104704215	06-30-25
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
Job ID: 560-120159-1
Project/Site: Pretreatment Table III, 8/6/24

Method	Method Description	Protocol	Laboratory
1631E	Mercury, Low Level (CVAFS)	EPA	EET CLE
200.8	Metals (ICP/MS)	EPA	EET HOU
420.4	Phenolics, Total Recoverable	EPA	EET HOU
Kelada 01	Cyanide, Total, Acid Dissociable and Thiocyanate	EPA	EET HOU
1631E	Preparation, Mercury, Low Level	EPA	EET CLE
200.8	Preparation, Total Recoverable Metals	EPA	EET HOU

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

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

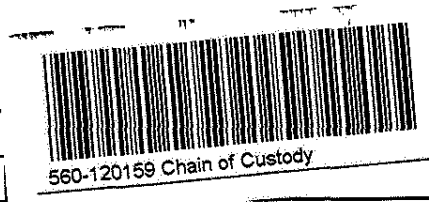
Sample Summary

Client: City of Laredo
Job ID: 560-120159-1
Project/Site: Pretreatment Table III, 8/6/24

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
560-120159-1	South Laredo Effluent	Water	08/06/24 10:00	08/07/24 10:30
560-120159-2	South Laredo Influent	Water	08/06/24 10:00	08/07/24 10:30
560-120159-3	Zacate Creek Effluent	Water	08/06/24 10:00	08/07/24 10:30
560-120159-4	Zacate Creek Influent	Water	08/06/24 10:00	08/07/24 10:30
560-120159-5	South Laredo Effluent Field Blank	Water	08/06/24 10:00	08/07/24 10:30
560-120159-6	South Laredo Influent Field Blank	Water	08/06/24 10:00	08/07/24 10:30
560-120159-7	Zacate Creek Effluent Field Blank	Water	08/06/24 10:00	08/07/24 10:30
560-120159-8	Zacate Creek Influent Field Blank	Water	08/06/24 10:00	08/07/24 10:30

Eurofins TestAmerica, Corpus Christi
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Phone (361) 289-2673 Fax (361) 289-2471

Chain of Custody Record



nment Testing
ca

Client Information	Sampler: Plant Operator	Lab PM: Maingot, Lindy
Client Contact: Robert Estrada	Phone: 956-721-2000	E-Mail: Lindy.Maingot@Eurofinset.com
Company: City of Laredo		
Address: 5816 Daugherty Avenue	Due Date Requested:	
City: Laredo	TAT Requested (days):	
State, Zip: TX, 78041		
Phone:	PO #: 383126	
Email: restrada1@ci.laredo.tx.us	WO #:	
Project Name: Pretreatment Table III	Project #: 56000544	
Site: Texas	SSOW#:	

Job #: 120159

Analysis Requested

Preservation Codes:

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Z	other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	200.8 Metals IPP Table III List (PITTS	420.4 Total Phenols (HOUSTON)	335.4 Cyanide (HOUSTON)	1631E Low Level Mercury (CANTON)	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	S	B	N		
South Laredo Effluent	8/6/24	10:00am	C	Water			X	X	X	X	7	* Short Hold Time
South Laredo Influent	8/6/24	10:00am	C	Water			X	X	X	X	7	on All Bottles*
Zacate Creek Effluent	8/6/24	10:00am	C	Water			X	X	X	X	7	
Zacate Creek Influent	8/6/24	10:00am	C	Water			X	X	X	X	7	
				Water								
				Water								
				Water								
				Water								

Loc. 560
120159

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: R. Estrada	Date/Time: 8/6/24 See All 3PM	Company: C.O.L	Received by:	Date/Time: 8/7/24 1030	Company: EXCC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.

Cooler Temperature(s) °C and Other Remarks: 3.2°/3.6°C IR14 CP

Ver: 01/16/2019

Eurofins Corpus Christi
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Phone: 361-289-2471 Fax: 361-289-2673

1 5 / 2.5

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Maingot, Lindy	Carrier Tracking No(s):	COC No: 560-30236.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Lindy Maingot@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: Eurofins Environment Testing North Centr		Accreditations Required (See note): NELAP Texas		Job #: 560-120159-1
Address: 180 S. Van Buren Avenue,	Due Date Requested: 8/15/2024			Preservation Codes:
City: Barberton	TAT Requested (days):			
State, Zip: OH, 44203				
Phone: 330-497-9396(Tel) 330-497-0772(Fax)	PO #:			
Email:	WO #:			
Project Name: Pretreatment Table III 8/6/24	Project #: 56000544			
Site: City of Laredo	SSOW#:			Other:

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1631E/1631E_Prep Low Level Mercury (CANTON)	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
South Laredo Effluent (560-120159-1)	8/6/24	10:00 Central		Water			X	1	
South Laredo Influent (560-120159-2)	8/6/24	10:00 Central		Water			X	1	
Zacate Creek Effluent (560-120159-3)	8/6/24	10:00 Central		Water			X	1	
Zacate Creek Influent (560-120159-4)	8/6/24	10:00 Central		Water			X	1	
South Laredo Effluent Field Blank (560-120159-5)	8/6/24	10:00 Central		Water			X	1	
South Laredo Influent Field Blank (560-120159-6)	8/6/24	10:00 Central		Water			X	1	
Zacate Creek Effluent Field Blank (560-120159-7)	8/6/24	10:00 Central		Water			X	1	
Zacate Creek Influent Field Blank (560-120159-8)	8/6/24	10:00 Central		Water			X	1	

LL Hg

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* ____ *Months*
Deliverable Requested. I, II, III IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	8/7/24 1700		JESSICA RIGDON	8-8-24 1000	EET NC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Eurofins – Cleveland Sample Receipt Form/Narrative **Login # :** _____
Barberton Facility

Client Eurofins - CorpusChristi Site Name _____

Cooler unpacked by: JESSICA RIGDON

Cooler Received on 8 8 24 Opened on 8.8 24

FedEx: 1st Grd (Exp) UPS FAS Waypoint Client Drop Off Eurofins Courier Other _____

Receipt After-hours Drop-off Date/Time _____ Storage Location _____

Eurofins Cooler # EC Foam Box Client Cooler Box Other _____

Packing material used. (Bubble Wrap) Foam Plastic Bag None Other _____

COOLANT (Wet Ice) Blue Ice Dry Ice Water None

1 Cooler temperature upon receipt ☐ See Multiple Cooler Form

IR GUN # 19 (CF +1.0 °C) Observed Cooler Temp. 1.5 °C Corrected Cooler Temp. 2.5 °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 1	(Yes) No	
-Were the seals on the outside of the cooler(s) signed & dated?	(Yes) No	NA
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes (No)	
-Were tamper/custody seals intact and uncompromised?	(Yes) No	NA
3 Shippers' packing slip attached to the cooler(s)?	(Yes) No	
4 Did custody papers accompany the sample(s)?	(Yes) No	
5 Were the custody papers relinquished & signed in the appropriate place?	(Yes) No	
6 Was/were the person(s) who collected the samples clearly identified on the COC?	Yes (No)	
7 Did all bottles arrive in good condition (Unbroken)?	(Yes) No	
8 Could all bottle labels (ID/Date/Time) be reconciled with the COC?	(Yes) No	
9 For each sample, does the COC specify preservatives (Y(N)) # of containers (Y/N), and sample type of grab/comp(Y(N))?		
10 Were correct bottle(s) used for the test(s) indicated?	(Yes) No	
11 Sufficient quantity received to perform indicated analyses?	(Yes) No	
12 Are these work share samples and all listed on the COC?	(Yes) No	
If yes, Questions 13-17 have been checked at the originating laboratory		
13 Were all preserved sample(s) at the correct pH upon receipt?	Yes No	NA pH Strip Lot# HC442471
14. Were VOAs on the COC?	Yes No	
15 Were air bubbles >6 mm in any VOA vials? ● ← Larger than this.	Yes No	NA
16 Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # _____	Yes No	
17 Was a LL Hg or Me Hg trip blank present? _____	Yes No	

Tests that are not checked for pH by Receiving.

VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by:

_____

_____

_____

_____

19 SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired

Sample(s) _____ were received in a broken container

Sample(s) _____ were received with bubble >6 mm in diameter (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory

Time preserved _____ Preservative(s) added/Lot number(s) _____

VOA Sample Preservation - Date/Time VOAs Frozen _____

ORIGIN ID CRPA (361) 289-2673
SHIPPING/RECEIVING
EUROFINS
1733 NORTH PADRE ISLAND DRIVE

CORPUS CHRISTI, TX 78408
UNITED STATES US

SHIP DATE: 07AUG24
ACTWGT: 19.15 LB
CAD: 0425544/CAFE3808

BILL SENDER

TO SHIPPING/RECEIVING

180 S. VAN BUREN AVENUE

BARBERTON OH 44203

(330) 497-9396

INV:
PO:
REF:
DEPT:

FedEx Express

TRK# 0201 7421 8806 5520

THU - 08 AUG 10:30A
PRIORITY OVERNIGHT

XN CAKA

44203
OH-US CLE

Part # 154254-354 RIT EXP 04/25

Eurofins Corpus Christi
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Phone: 361-289-2471 Fax: 361-289-2673

Chain of Custody Record

eurofins | Environment Testing

8/17/2024

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Maingot, Lindy	Carrier Tracking No(s):	COC No: 560-30238.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Lindy.Maingot@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 560-120159-1
Address: 4145 Greenbriar Dr	Due Date Requested: 8/13/2024			
City: Stafford	TAT Requested (days):			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #:			
Email:	WO #:			
Project Name: Pretreatment Table III 8/6/24	Project #: 56000544			
Site: City of Laredo	SSOW#:			

Analysis Requested

Preservation Codes:

Other:

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	200.8/200.8_P_TR Metals IPP Table III List (Houston)	420.4_NP/ 420.4 Total Phenols	335.4/Distill_CN Total Cyanide	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
South Laredo Effluent (560-120159-1)	8/6/24	10:00 Central		Water			X	X	X	3	
South Laredo Influent (560-120159-2)	8/6/24	10:00 Central		Water			X	X	X	3	
Zacate Creek Effluent (560-120159-3)	8/6/24	10:00 Central		Water			X	X	X	3	
Zacate Creek Influent (560-120159-4)	8/6/24	10:00 Central		Water			X	X	X	3	

Page 21 of 23

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 8/7/24 1700	Company: EX	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 8/8/24 0931	Company: E

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.
Cooler Temperature(s) °C and Other Remarks:	

Login Sample Receipt Checklist

Client: City of Laredo

Job Number: 560-120159-1

Login Number: 120159

List Source: Eurofins Corpus Christi

List Number: 1

Creator: Stacy, Taylor

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
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 <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	Check done at department level as required.

Login Sample Receipt Checklist

Client: City of Laredo

Job Number: 560-120159-1

Login Number: 120159
List Number: 2
Creator: Baker, Jeremiah

List Source: Eurofins Houston
List Creation: 08/08/24 11:12 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
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 <6mm (1/4").	True	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 11/18/2024 6:18:55 PM

JOB DESCRIPTION

Pretreatment Table III, 11/5/24

JOB NUMBER

560-122291-1

Eurofins Corpus Christi
1733 N. Padre Island Drive
Corpus Christi TX 78408

See page two for job notes and contact information.

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.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization

Generated
11/18/2024 6:18:55 PM

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

Definitions/Glossary

Client: City of Laredo
Job ID: 560-122291-1
Project/Site: Pretreatment Table III, 11/5/24

Qualifiers

Metals

Qualifier	Qualifier Description
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
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.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

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

Job ID: 560-122291-1 Eurofins Corpus Christi

Job Narrative
560-122291-1

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 samples were received on 11/6/2024 11:15 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.1°C.

Metals
Method 1631E: Reanalysis confirms the blank result above the requested reporting limit: Zacate Creek Influent Field Blank (560-122291-8)

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

General Chemistry
Method 420.4_NP: The native sample, matrix spike, and matrix spike duplicate (MS/MSD) associated with analytical batch 860-200495 were performed at the same dilution. Due to the additional level of analyte present in the spiked samples, the concentration of phenols in the MS/MSD was above the instrument calibration range. The data have been reported and qualified.

Method 420.4_NP: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for analytical batch 860-200495 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Detection Summary

Client: City of Laredo
Project/Site: Pretreatment Table III, 11/5/24

Job ID: 560-122291-1

Client Sample ID: South Laredo Effluent — Lab Sample ID: 560-122291-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.0060		0.00050	0.00014	ug/L	1		1631E	Total/NA
Aluminum	0.030		0.020	0.0030	mg/L	1		200.8	Total Recoverable
Arsenic	0.0013	J	0.0040	0.00093	mg/L	1		200.8	Total Recoverable
Barium	0.060		0.0040	0.00095	mg/L	1		200.8	Total Recoverable
Chromium	0.00095	J	0.0040	0.00089	mg/L	1		200.8	Total Recoverable
Copper	0.0044		0.0040	0.00069	mg/L	1		200.8	Total Recoverable
Nickel	0.0022		0.0020	0.00049	mg/L	1		200.8	Total Recoverable
Zinc	0.028		0.0040	0.00089	mg/L	1		200.8	Total Recoverable
Cyanide, Total	0.0035	J	0.0050	0.0020	mg/L	1		Kelada 01	Total/NA

Client Sample ID: South Laredo Influent — Lab Sample ID: 560-122291-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.029		0.0050	0.0014	ug/L	10		1631E	Total/NA
Aluminum	0.15		0.020	0.0030	mg/L	1		200.8	Total Recoverable
Barium	0.068		0.0040	0.00095	mg/L	1		200.8	Total Recoverable
Chromium	0.0010	J	0.0040	0.00089	mg/L	1		200.8	Total Recoverable
Copper	0.014		0.0040	0.00069	mg/L	1		200.8	Total Recoverable
Nickel	0.0022		0.0020	0.00049	mg/L	1		200.8	Total Recoverable
Zinc	0.049		0.0040	0.00089	mg/L	1		200.8	Total Recoverable
Phenols, Total	0.066		0.010	0.0058	mg/L	1		420.4	Total/NA

Client Sample ID: Zacate Creek Effluent — Lab Sample ID: 560-122291-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.012		0.0020	0.00056	ug/L	4		1631E	Total/NA
Aluminum	0.071		0.020	0.0030	mg/L	1		200.8	Total Recoverable
Barium	0.091		0.0040	0.00095	mg/L	1		200.8	Total Recoverable
Chromium	0.00091	J	0.0040	0.00089	mg/L	1		200.8	Total Recoverable
Copper	0.0077		0.0040	0.00069	mg/L	1		200.8	Total Recoverable
Nickel	0.0024		0.0020	0.00049	mg/L	1		200.8	Total Recoverable
Lead	0.00040	J	0.0020	0.00037	mg/L	1		200.8	Total Recoverable
Selenium	0.00070	J	0.0020	0.00069	mg/L	1		200.8	Total Recoverable
Zinc	0.018		0.0040	0.00089	mg/L	1		200.8	Total Recoverable
Cyanide, Total	0.0073		0.0050	0.0020	mg/L	1		Kelada 01	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: City of Laredo
Job ID: 560-122291-1
Project/Site: Pretreatment Table III, 11/5/24

Client Sample ID: Zacate Creek Influent — Lab Sample ID: 560-122291-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	0.14		0.020	0.0030	mg/L	1		200.8	Total Recoverable
Barium	0.069		0.0040	0.00095	mg/L	1		200.8	Total Recoverable
Chromium	0.0012	J	0.0040	0.00089	mg/L	1		200.8	Total Recoverable
Copper	0.035		0.0040	0.00069	mg/L	1		200.8	Total Recoverable
Nickel	0.0031		0.0020	0.00049	mg/L	1		200.8	Total Recoverable
Lead	0.00069	J	0.0020	0.00037	mg/L	1		200.8	Total Recoverable
Selenium	0.00073	J	0.0020	0.00069	mg/L	1		200.8	Total Recoverable
Zinc	0.053		0.0040	0.00089	mg/L	1		200.8	Total Recoverable
Phenols, Total	0.20		0.10	0.058	mg/L	10		420.4	Total/NA

Client Sample ID: South Laredo Effluent Field Blank — Lab Sample ID: 560-122291-5

No Detections.

Client Sample ID: South Laredo Influent Field Blank — Lab Sample ID: 560-122291-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.00016	J	0.00050	0.00014	ug/L	1		1631E	Total/NA

Client Sample ID: Zacate Creek Effluent Field Blank — Lab Sample ID: 560-122291-7

No Detections.

Client Sample ID: Zacate Creek Influent Field Blank — Lab Sample ID: 560-122291-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.017		0.00050	0.00014	ug/L	1		1631E	Total/NA

This Detection Summary does not include radiochemical test results.

Client: City of Laredo
Job ID: 560-122291-1
Project/Site: Pretreatment Table III, 11/5/24

Client Sample ID: South Laredo Effluent
Lab Sample ID: 560-122291-1
Date Collected: 11/05/24 10:00
Matrix: Water
Date Received: 11/06/24 11:15

Method: EPA 1631E - Mercury, Low Level (CVAFS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0060**		0.00050	0.00014	ug/L		11/07/24 14:00	11/08/24 10:26	1

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.00035		0.0020	0.00035	mg/L		11/11/24 03:11	11/11/24 15:29	1
Aluminum	**0.030**		0.020	0.0030	mg/L		11/11/24 03:11	11/11/24 15:29	1
Arsenic	**0.0013**	**J**	0.0040	0.00093	mg/L		11/11/24 03:11	11/11/24 15:29	1
Barium	**0.060**		0.0040	0.00095	mg/L		11/11/24 03:11	11/11/24 15:29	1
Beryllium	<0.00038		0.0020	0.00038	mg/L		11/11/24 03:11	11/11/24 15:29	1
Cadmium	<0.00026		0.0020	0.00026	mg/L		11/11/24 03:11	11/11/24 15:29	1
Chromium	**0.00095**	**J**	0.0040	0.00089	mg/L		11/11/24 03:11	11/11/24 15:29	1
Copper	**0.0044**		0.0040	0.00069	mg/L		11/11/24 03:11	11/11/24 15:29	1
Nickel	**0.0022**		0.0020	0.00049	mg/L		11/11/24 03:11	11/11/24 15:29	1
Lead	<0.00037		0.0020	0.00037	mg/L		11/11/24 03:11	11/11/24 15:29	1
Antimony	<0.0011		0.0020	0.0011	mg/L		11/11/24 03:11	11/11/24 15:29	1
Selenium	<0.00069		0.0020	0.00069	mg/L		11/11/24 03:11	11/11/24 15:29	1
Thallium	<0.00022		0.0020	0.00022	mg/L		11/11/24 03:11	11/11/24 15:29	1
Zinc	**0.028**		0.0040	0.00089	mg/L		11/11/24 03:11	11/11/24 15:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	<0.0058		0.010	0.0058	mg/L			11/11/24 20:19	1
Cyanide, Total (EPA Kelada 01)	**0.0035**	**J**	0.0050	0.0020	mg/L			11/11/24 14:26	1

Client Sample ID: South Laredo Influent
Lab Sample ID: 560-122291-2
Date Collected: 11/05/24 10:00
Matrix: Water
Date Received: 11/06/24 11:15

Method: EPA 1631E - Mercury, Low Level (CVAFS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.029**		0.0050	0.0014	ug/L		11/07/24 14:00	11/08/24 10:31	10

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.00035		0.0020	0.00035	mg/L		11/11/24 03:11	11/11/24 15:31	1
Aluminum	**0.15**		0.020	0.0030	mg/L		11/11/24 03:11	11/11/24 15:31	1
Arsenic	<0.00093		0.0040	0.00093	mg/L		11/11/24 03:11	11/11/24 15:31	1
Barium	**0.068**		0.0040	0.00095	mg/L		11/11/24 03:11	11/11/24 15:31	1
Beryllium	<0.00038		0.0020	0.00038	mg/L		11/11/24 03:11	11/11/24 15:31	1
Cadmium	<0.00026		0.0020	0.00026	mg/L		11/11/24 03:11	11/11/24 15:31	1
Chromium	**0.0010**	**J**	0.0040	0.00089	mg/L		11/11/24 03:11	11/11/24 15:31	1
Copper	**0.014**		0.0040	0.00069	mg/L		11/11/24 03:11	11/11/24 15:31	1
Nickel	**0.0022**		0.0020	0.00049	mg/L		11/11/24 03:11	11/11/24 15:31	1
Lead	<0.00037		0.0020	0.00037	mg/L		11/11/24 03:11	11/11/24 15:31	1
Antimony	<0.0011		0.0020	0.0011	mg/L		11/11/24 03:11	11/11/24 15:31	1
Selenium	<0.00069		0.0020	0.00069	mg/L		11/11/24 03:11	11/11/24 15:31	1
Thallium	<0.00022		0.0020	0.00022	mg/L		11/11/24 03:11	11/11/24 15:31	1
Zinc	**0.049**		0.0040	0.00089	mg/L		11/11/24 03:11	11/11/24 15:31	1

Client Sample ID: South Laredo Influent
Lab Sample ID: 560-122291-2
Date Collected: 11/05/24 10:00
Matrix: Water
Date Received: 11/06/24 11:15

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	**0.066**		0.010	0.0058	mg/L			11/11/24 20:22	1
Cyanide, Total (EPA Kelada 01)	<0.0020		0.0050	0.0020	mg/L			11/11/24 14:28	1

Client Sample ID: Zacate Creek Effluent
Lab Sample ID: 560-122291-3
Date Collected: 11/05/24 10:00
Matrix: Water
Date Received: 11/06/24 11:15

Method: EPA 1631E - Mercury, Low Level (CVAFS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.012**		0.0020	0.00056	ug/L		11/07/24 14:00	11/08/24 10:36	4

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.00035		0.0020	0.00035	mg/L		11/11/24 03:11	11/11/24 15:33	1
Aluminum	**0.071**		0.020	0.0030	mg/L		11/11/24 03:11	11/11/24 15:33	1
Arsenic	<0.00093		0.0040	0.00093	mg/L		11/11/24 03:11	11/11/24 15:33	1
Barium	**0.091**		0.0040	0.00095	mg/L		11/11/24 03:11	11/11/24 15:33	1
Beryllium	<0.00038		0.0020	0.00038	mg/L		11/11/24 03:11	11/11/24 15:33	1
Cadmium	<0.00026		0.0020	0.00026	mg/L		11/11/24 03:11	11/11/24 15:33	1
Chromium	**0.00091**	**J**	0.0040	0.00089	mg/L		11/11/24 03:11	11/11/24 15:33	1
Copper	**0.0077**		0.0040	0.00069	mg/L		11/11/24 03:11	11/11/24 15:33	1
Nickel	**0.0024**		0.0020	0.00049	mg/L		11/11/24 03:11	11/11/24 15:33	1
Lead	**0.00040**	**J**	0.0020	0.00037	mg/L		11/11/24 03:11	11/11/24 15:33	1
Antimony	<0.0011		0.0020	0.0011	mg/L		11/11/24 03:11	11/11/24 15:33	1
Selenium	**0.00070**	**J**	0.0020	0.00069	mg/L		11/11/24 03:11	11/11/24 15:33	1
Thallium	<0.00022		0.0020	0.00022	mg/L		11/11/24 03:11	11/11/24 15:33	1
Zinc	**0.018**		0.0040	0.00089	mg/L		11/11/24 03:11	11/11/24 15:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	<0.0058		0.010	0.0058	mg/L			11/11/24 20:25	1
Cyanide, Total (EPA Kelada 01)	**0.0073**		0.0050	0.0020	mg/L			11/11/24 14:31	1

Client Sample ID: Zacate Creek Influent
Lab Sample ID: 560-122291-4
Date Collected: 11/05/24 10:00
Matrix: Water
Date Received: 11/06/24 11:15

Method: EPA 1631E - Mercury, Low Level (CVAFS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00014		0.00050	0.00014	ug/L		11/07/24 14:00	11/08/24 10:41	1

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.00035		0.0020	0.00035	mg/L		11/11/24 03:11	11/11/24 15:35	1
Aluminum	**0.14**		0.020	0.0030	mg/L		11/11/24 03:11	11/11/24 15:35	1
Arsenic	<0.00093		0.0040	0.00093	mg/L		11/11/24 03:11	11/11/24 15:35	1
Barium	**0.069**		0.0040	0.00095	mg/L		11/11/24 03:11	11/11/24 15:35	1
Beryllium	<0.00038		0.0020	0.00038	mg/L		11/11/24 03:11	11/11/24 15:35	1
Cadmium	<0.00026		0.0020	0.00026	mg/L		11/11/24 03:11	11/11/24 15:35	1
Chromium	**0.0012**	**J**	0.0040	0.00089	mg/L		11/11/24 03:11	11/11/24 15:35	1
Copper	**0.035**		0.0040	0.00069	mg/L		11/11/24 03:11	11/11/24 15:35	1

Client: City of Laredo
Job ID: 560-122291-1
Project/Site: Pretreatment Table III, 11/5/24

Client Sample ID: Zacate Creek Influent
Lab Sample ID: 560-122291-4
Date Collected: 11/05/24 10:00
Matrix: Water
Date Received: 11/06/24 11:15

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	0.0031		0.0020	0.00049	mg/L		11/11/24 03:11	11/11/24 15:35	1
Lead	0.00069	J	0.0020	0.00037	mg/L		11/11/24 03:11	11/11/24 15:35	1
Antimony	<0.0011		0.0020	0.0011	mg/L		11/11/24 03:11	11/11/24 15:35	1
Selenium	0.00073	J	0.0020	0.00069	mg/L		11/11/24 03:11	11/11/24 15:35	1
Thallium	<0.00022		0.0020	0.00022	mg/L		11/11/24 03:11	11/11/24 15:35	1
Zinc	0.053		0.0040	0.00089	mg/L		11/11/24 03:11	11/11/24 15:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	0.20		0.10	0.058	mg/L			11/18/24 14:34	10
Cyanide, Total (EPA Kelada 01)	<0.0020		0.0050	0.0020	mg/L			11/11/24 14:34	1

Client Sample ID: South Laredo Effluent Field Blank
Lab Sample ID: 560-122291-5
Date Collected: 11/05/24 10:00
Matrix: Water
Date Received: 11/06/24 11:15

Method: EPA 1631E - Mercury, Low Level (CVAFS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00014		0.00050	0.00014	ug/L		11/07/24 14:00	11/08/24 10:46	1

Client Sample ID: South Laredo Influent Field Blank
Lab Sample ID: 560-122291-6
Date Collected: 11/05/24 10:00
Matrix: Water
Date Received: 11/06/24 11:15

Method: EPA 1631E - Mercury, Low Level (CVAFS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00016	J	0.00050	0.00014	ug/L		11/07/24 14:00	11/08/24 10:51	1

Client Sample ID: Zacate Creek Effluent Field Blank
Lab Sample ID: 560-122291-7
Date Collected: 11/05/24 10:00
Matrix: Water
Date Received: 11/06/24 11:15

Method: EPA 1631E - Mercury, Low Level (CVAFS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00014		0.00050	0.00014	ug/L		11/07/24 14:00	11/08/24 10:55	1

Client Sample ID: Zacate Creek Influent Field Blank
Lab Sample ID: 560-122291-8
Date Collected: 11/05/24 10:00
Matrix: Water
Date Received: 11/06/24 11:15

Method: EPA 1631E - Mercury, Low Level (CVAFS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017		0.00050	0.00014	ug/L		11/07/24 14:00	11/08/24 11:00	1

Method: 1631E - Mercury, Low Level (CVAFS)

Lab Sample ID: MB 240-634419/1-A
Matrix: Water
Analysis Batch: 634580

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 634419

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00014		0.00050	0.00014	ug/L		11/07/24 14:00	11/08/24 09:58	1

Lab Sample ID: LCS 240-634419/2-A
Matrix: Water
Analysis Batch: 634580

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 634419

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00500	0.00424		ug/L		85	77 - 123

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 860-198886/1-A
Matrix: Water
Analysis Batch: 199058

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 198886

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.00035		0.0020	0.00035	mg/L		11/11/24 03:11	11/11/24 14:38	1
Aluminum	<0.0030		0.020	0.0030	mg/L		11/11/24 03:11	11/11/24 14:38	1
Arsenic	<0.00093		0.0040	0.00093	mg/L		11/11/24 03:11	11/11/24 14:38	1
Barium	<0.00095		0.0040	0.00095	mg/L		11/11/24 03:11	11/11/24 14:38	1
Beryllium	<0.00038		0.0020	0.00038	mg/L		11/11/24 03:11	11/11/24 14:38	1
Cadmium	<0.00026		0.0020	0.00026	mg/L		11/11/24 03:11	11/11/24 14:38	1
Chromium	<0.00089		0.0040	0.00089	mg/L		11/11/24 03:11	11/11/24 14:38	1
Copper	<0.00069		0.0040	0.00069	mg/L		11/11/24 03:11	11/11/24 14:38	1
Nickel	<0.00049		0.0020	0.00049	mg/L		11/11/24 03:11	11/11/24 14:38	1
Lead	<0.00037		0.0020	0.00037	mg/L		11/11/24 03:11	11/11/24 14:38	1
Antimony	<0.0011		0.0020	0.0011	mg/L		11/11/24 03:11	11/11/24 14:38	1
Selenium	<0.00069		0.0020	0.00069	mg/L		11/11/24 03:11	11/11/24 14:38	1
Thallium	<0.00022		0.0020	0.00022	mg/L		11/11/24 03:11	11/11/24 14:38	1
Zinc	<0.00089		0.0040	0.00089	mg/L		11/11/24 03:11	11/11/24 14:38	1

Lab Sample ID: LCS 860-198886/2-A
Matrix: Water
Analysis Batch: 199058

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 198886

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	0.0500	0.0513		mg/L		103	85 - 115
Aluminum	0.500	0.492		mg/L		98	85 - 115
Arsenic	0.100	0.0977		mg/L		98	85 - 115
Barium	0.100	0.0984		mg/L		98	85 - 115
Beryllium	0.100	0.0959		mg/L		96	85 - 115
Cadmium	0.100	0.0980		mg/L		98	85 - 115
Chromium	0.100	0.0968		mg/L		97	85 - 115
Copper	0.100	0.0965		mg/L		96	85 - 115
Nickel	0.100	0.0993		mg/L		99	85 - 115
Lead	0.100	0.0971		mg/L		97	85 - 115
Antimony	0.100	0.0992		mg/L		99	85 - 115
Selenium	0.100	0.0978		mg/L		98	85 - 115
Thallium	0.100	0.0964		mg/L		96	85 - 115

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 860-198886/2-A
Matrix: Water
Analysis Batch: 199058

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 198886

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	0.100	0.0985		mg/L		98	85 - 115

Lab Sample ID: LCSD 860-198886/3-A
Matrix: Water
Analysis Batch: 199058

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 198886

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Silver	0.0500	0.0510		mg/L		102	85 - 115	1	20
Aluminum	0.500	0.489		mg/L		98	85 - 115	0	20
Arsenic	0.100	0.0965		mg/L		96	85 - 115	1	20
Barium	0.100	0.0972		mg/L		97	85 - 115	1	20
Beryllium	0.100	0.0963		mg/L		96	85 - 115	0	20
Cadmium	0.100	0.0978		mg/L		98	85 - 115	0	20
Chromium	0.100	0.0949		mg/L		95	85 - 115	2	20
Copper	0.100	0.0954		mg/L		95	85 - 115	1	20
Nickel	0.100	0.0966		mg/L		97	85 - 115	3	20
Lead	0.100	0.0973		mg/L		97	85 - 115	0	20
Antimony	0.100	0.0985		mg/L		99	85 - 115	1	20
Selenium	0.100	0.0968		mg/L		97	85 - 115	1	20
Thallium	0.100	0.0966		mg/L		97	85 - 115	0	20
Zinc	0.100	0.0976		mg/L		98	85 - 115	1	20

Lab Sample ID: LLCS 860-198886/4-A
Matrix: Water
Analysis Batch: 199058

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 198886

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	0.00200	0.00213		mg/L		106	50 - 150
Aluminum	0.0200	0.0200		mg/L		100	50 - 150
Arsenic	0.00400	0.00386	J	mg/L		96	50 - 150
Barium	0.00400	0.00398	J	mg/L		99	50 - 150
Beryllium	0.00200	0.00185	J	mg/L		92	50 - 150
Cadmium	0.00200	0.00195	J	mg/L		98	50 - 150
Chromium	0.00400	0.00397	J	mg/L		99	50 - 150
Copper	0.00400	0.00407		mg/L		102	50 - 150
Nickel	0.00200	0.00177	J	mg/L		88	50 - 150
Lead	0.00200	0.00198	J	mg/L		99	50 - 150
Antimony	0.00200	0.00201		mg/L		100	50 - 150
Selenium	0.00200	0.00174	J	mg/L		87	50 - 150
Thallium	0.00200	0.00203		mg/L		102	50 - 150
Zinc	0.00400	0.00392	J	mg/L		98	50 - 150

Method: 420.4 - Phenolics, Total Recoverable

Lab Sample ID: MB 860-199229/32
Matrix: Water
Analysis Batch: 199229

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total	<0.0058		0.010	0.0058	mg/L			11/11/24 19:06	1

Method: 420.4 - Phenolics, Total Recoverable

Lab Sample ID: LCS 860-199229/33
Matrix: Water
Analysis Batch: 199229

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phenols, Total	0.100	0.0964		mg/L		96	90 - 110

Lab Sample ID: LCSD 860-199229/34
Matrix: Water
Analysis Batch: 199229

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
Phenols, Total	0.100	0.0969		mg/L		97	90 - 110	1	20

Lab Sample ID: MB 860-200495/32
Matrix: Water
Analysis Batch: 200495

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total	<0.0058		0.010	0.0058	mg/L			11/18/24 13:00	1

Lab Sample ID: LCS 860-200495/33
Matrix: Water
Analysis Batch: 200495

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phenols, Total	0.100	0.0903		mg/L		90	90 - 110

Lab Sample ID: LCSD 860-200495/34
Matrix: Water
Analysis Batch: 200495

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
Phenols, Total	0.100	0.0953		mg/L		95	90 - 110	3	20

Lab Sample ID: 560-122291-4 MS
Matrix: Water
Analysis Batch: 200495

Client Sample ID: Zacate Creek Influent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Phenols, Total	0.86	F2	0.100	0.937	4	mg/L		73	90 - 110

Lab Sample ID: 560-122291-4 MSD
Matrix: Water
Analysis Batch: 200495

Client Sample ID: Zacate Creek Influent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenols, Total	0.86	F2	0.100	1.15	4 F2	mg/L		291	90 - 110	21	20

Method: Kelada 01 - Cyanide, Total, Acid Dissociable and Thiocyanate

Lab Sample ID: MB 860-199202/24
Matrix: Water
Analysis Batch: 199202

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.0020		0.0050	0.0020	mg/L			11/11/24 12:55	1

Lab Sample ID: LCS 860-199202/26
Matrix: Water
Analysis Batch: 199202

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.100	0.101		mg/L		101	90 - 110

Lab Sample ID: LCSD 860-199202/27
Matrix: Water
Analysis Batch: 199202

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
Cyanide, Total	0.100	0.109		mg/L		109	90 - 110	8	20

Lab Sample ID: LLCS 860-199202/25
Matrix: Water
Analysis Batch: 199202

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.00500	0.00333	J	mg/L		67	50 - 150

Lab Sample ID: MB 860-199290/24
Matrix: Water
Analysis Batch: 199290

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.0020		0.0050	0.0020	mg/L			11/11/24 12:55	1

Lab Sample ID: LCS 860-199290/26
Matrix: Water
Analysis Batch: 199290

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.100	0.101		mg/L		101	90 - 110

Lab Sample ID: LCSD 860-199290/27
Matrix: Water
Analysis Batch: 199290

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
Cyanide, Total	0.100	0.109		mg/L		109	90 - 110	8	20

Lab Sample ID: LLCS 860-199290/25
Matrix: Water
Analysis Batch: 199290

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.00500	0.00333	J	mg/L		67	50 - 150

Accreditation/Certification Summary

Client: City of Laredo
Job ID: 560-122291-1
Project/Site: Pretreatment Table III, 11/5/24

Laboratory: Eurofins Cleveland

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

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-28-25
Connecticut	State	PH-0806	12-31-26
Georgia	State	4062	02-27-25
Illinois	NELAP	200004	08-31-25
Iowa	State	421	06-01-25
Kentucky (UST)	State	112225	02-27-25
Kentucky (WW)	State	KY98016	12-30-24
Minnesota	NELAP	039-999-348	12-31-24
New Hampshire	NELAP	225024	09-30-25
New Jersey	NELAP	OH001	07-03-25
New York	NELAP	10975	04-02-25
Ohio VAP	State	ORELAP 4062	02-27-25
Oregon	NELAP	4062	02-27-25
Pennsylvania	NELAP	68-00340	08-31-25
Texas	NELAP	T104704517-22-19	08-31-25
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-25
West Virginia DEP	State	210	12-31-24

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	08-03-25
Florida	NELAP	E871002	06-30-25
Louisiana (All)	NELAP	03054	06-30-25
Oklahoma	NELAP	1306	08-31-25
Texas	NELAP	T104704215	06-30-25
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
Job ID: 560-122291-1
Project/Site: Pretreatment Table III, 11/5/24

Method	Method Description	Protocol	Laboratory
1631E	Mercury, Low Level (CVAFS)	EPA	EET CLE
200.8	Metals (ICP/MS)	EPA	EET HOU
420.4	Phenolics, Total Recoverable	EPA	EET HOU
Kelada 01	Cyanide, Total, Acid Dissociable and Thiocyanate	EPA	EET HOU
1631E	Preparation, Mercury, Low Level	EPA	EET CLE
200.8	Preparation, Total Recoverable Metals	EPA	EET HOU

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

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

Sample Summary

Client: City of Laredo
Job ID: 560-122291-1
Project/Site: Pretreatment Table III, 11/5/24

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
560-122291-1	South Laredo Effluent	Water	11/05/24 10:00	11/06/24 11:15
560-122291-2	South Laredo Influent	Water	11/05/24 10:00	11/06/24 11:15
560-122291-3	Zacate Creek Effluent	Water	11/05/24 10:00	11/06/24 11:15
560-122291-4	Zacate Creek Influent	Water	11/05/24 10:00	11/06/24 11:15
560-122291-5	South Laredo Effluent Field Blank	Water	11/05/24 10:00	11/06/24 11:15
560-122291-6	South Laredo Influent Field Blank	Water	11/05/24 10:00	11/06/24 11:15
560-122291-7	Zacate Creek Effluent Field Blank	Water	11/05/24 10:00	11/06/24 11:15
560-122291-8	Zacate Creek Influent Field Blank	Water	11/05/24 10:00	11/06/24 11:15

Eurofins TestAmerica, Corpus Christi
1733 N Padre Island Drive
Corpus Christi TX 78408
Phone (361) 289-2673 Fax (361) 289-2471

Chain of Custody Record

560-122291 Chain of Custody

eurofins | Environment Testing America

Client Information	Sampler: Plant Operator	Lab PM: Maingot, Lindy	COC No: 560-33970-5279.1
Client Contact: Robert Estrada	Phone: 956-721-2000	E-Mail: Lindy.Maingot@Eurofinset.com	Page: Page 1 of 1
Company: City of Laredo			Job #: 122291
Address: 5816 Daugherty Avenue	Due Date Requested:		
City: Laredo	TAT Requested (days):		
State, Zip: TX, 78041			
Phone:	PO #: 383126		
Email: restrada1@ci.laredo.tx.us	WO #:		
Project Name: Pretreatment Table III	Project #: 56000544		
Site: Texas	SSOW#:		

Analysis Requested

Preservation Codes:
A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Z other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Wwater, Ssolid, Owaste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	200.8 Metals (D)	iPP Table III List (PITTS) 420.4 Total Phenols (HOUSTON) (S)	335.4 Cyanide (HOUSTON) (B)	1631E Low Level Mercury (CANTON) (N)	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	D	S	B	N	X	
South Laredo Effluent	11/5/24	10:00am	C	Water			X	X	X	X	7	* Short Hold Time
South Laredo Influent	11/5/24	10:00am	C	Water			X	X	X	X	7	on All Bottles*
Zacate Creek Effluent	11/5/24	10:00am	C	Water			X	X	X	X	7	
Zacate Creek Influent	11/5/24	10:00am	C	Water			X	X	X	X	7	
				Water								
				Water								
				Water								
				Water								

Loc: 560
122291

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:		
Relinquished by: Robert Estrada	Date/Time: 11/5/24 SEE AIR BILL	Company C.O.L	Received by:	Date/Time: 11/6/24 1115	Company EXCC	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 0.9°/1.1°C IR-14

Ver: 01/16/2019

Eurofins Corpus Christi
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Phone: 361-289-2471 Fax: 361-289-2673

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Maingot, Lindy	Carrier Tracking No(s): N/A	COC No: 560-30679.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Lindy.Maingot@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: Eurofins Environment Testing North Centr		Accreditations Required (See note): NELAP Texas		Job #: 560-122291-1
Address: 180 S. Van Buren Avenue,	Due Date Requested: 11/14/2024			Preservation Codes:
City: Barberton	TAT Requested (days): N/A			
State, Zip: OH, 44203				
Phone: 330-497-9396(Tel) 330-497-0772(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Pretreatment Table III, 11/5/24	Project #: 56000544			
Site: City of Laredo	SSOW#: N/A			Other: N/A

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1631E/1631E_Prep Low Level Mercury (CANTON)	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
South Laredo Effluent (560-122291 1)	11/5/24	10:00 Central	G	Water			X	1	
South Laredo Influent (560-122291-2)	11/5/24	10:00 Central	G	Water			X	1	
Zacate Creek Effluent (560-122291-3)	11/5/24	10:00 Central	G	Water			X	1	
Zacate Creek Influent (560-122291-4)	11/5/24	10:00 Central	G	Water			X	1	
South Laredo Effluent Field Blank (560-122291-5)	11/5/24	10:00 Central	G	Water			X	1	
South Laredo Influent Field Blank (560-122291-6)	11/5/24	10:00 Central	G	Water			X	1	
Zacate Creek Effluent Field Blank (560-122291 7)	11/5/24	10:00 Central	G	Water			X	1	
Zacate Creek Influent Field Blank (560-122291-8)	11/5/24	10:00 Central	G	Water			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested. I, II, III IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 11/6/24 1700	Company	Received by: MALISSA LOAR	Date/Time: 11-7-24 9:15	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks.

Eurofins – Cleveland Sample Receipt Form/Narrative Login # :
Barberton Facility

Client Eur Corpus Cristi Site Name

Cooler unpacked by: MALISSA LOAR

Cooler Received on 11-7-24 Opened on 11-7-24

FedEx. 1st Grd Exp UPS FAS Waypoint Client Drop Off Eurofins Courier Other

Receipt After-hours Drop-off Date/Time Storage Location

Eurofins Cooler # 2E Foam Box Client Cooler Box Other

Packing material used: Bubble Wrap Foam Plastic Bag None Other

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1 Cooler temperature upon receipt ☐ See Multiple Cooler Form

IR GUN # 17 (CF +0.1 °C) Observed Cooler Temp. 4.8 °C Corrected Cooler Temp 4.9 °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity	Yes	No
-Were the seals on the outside of the cooler(s) signed & dated?	Yes	No NA
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes	No
-Were tamper/custody seals intact and uncompromised?	Yes	No NA
3 Shippers' packing slip attached to the cooler(s)?	Yes	No
4. Did custody papers accompany the sample(s)?	Yes	No
5 Were the custody papers relinquished & signed in the appropriate place?	Yes	No
6. Was/were the person(s) who collected the samples clearly identified on the COC?	Yes	No
7 Did all bottles arrive in good condition (Unbroken)?	Yes	No
8 Could all bottle labels (ID/Date/Time) be reconciled with the COC?	Yes	No
9 For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?		
10 Were correct bottle(s) used for the test(s) indicated?	Yes	No
11 Sufficient quantity received to perform indicated analyses?	Yes	No
12. Are these work share samples and all listed on the COC?	Yes	No
If yes, Questions 13-17 have been checked at the originating laboratory		
13 Were all preserved sample(s) at the correct pH upon receipt?	Yes	No NA pH Strip Lot# HC447997
14 Were VOAs on the COC?	Yes	No
15 Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this.	Yes	No NA
16 Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #	Yes	No
17 Was a LL Hg or Me Hg trip blank present?	Yes	No

Tests that are not checked for pH by Receiving:
VOAs
Oil and Grease
TOC

Contacted PM Date by via Verbal Voice Mail Other

Concerning

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by:

19 SAMPLE CONDITION

Sample(s) were received after the recommended holding time had expired.
Sample(s) were received in a broken container
Sample(s) were received with bubble >6 mm in diameter (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) were further preserved in the laboratory
Time preserved. Preservative(s) added/Lot number(s):

VOA Sample Preservation - Date/Time VOAs Frozen.


(361) 289-2673
ADRE ISLAND DRIVE
TX 78408
SHIP DATE 06NOV24
ACTWGT 16.35 LB
CAD: 0425544/CAFE3855
BILL SENDER
PPING/RECEIVING
VAN BUREN AVENUE
BARBERTON OH 44203
FedEx
Express
TRK# 0201 4114 7160 8683
XN CAKA
THU - 07 NOV 10:30A
PRIORITY OVERNIGHT
44203
OH-US
CLE

Eurofins Corpus Christi
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Phone: 361-289-2471 Fax: 361-289-2673

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Maingot, Lindy	Carrier Tracking No(s): N/A	COC No: 560-30682.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Lindy.Maingot@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 560-122291 1
Address: 4145 Greenbriar Dr	Due Date Requested: 11/13/2024			Preservation Codes:
City: Stafford	TAT Requested (days): N/A			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Pretreatment Table III 11/5/24	Project #: 56000544			
Site: City of Laredo	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	200.8/200.8_P_TR Metals IPP Table III List (Houston)	420.4_NPI 420.4 Total Phenols	Kelada_01/ Kelada_01 Total Cyanide	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
South Laredo Effluent (560-122291-1)	11/5/24	10:00 Central	G	Water			X	X	X	3	
South Laredo Influent (560-122291-2)	11/5/24	10:00 Central	G	Water			X	X	X	3	
Zacate Creek Effluent (560-122291-3)	11/5/24	10:00 Central	G	Water			X	X	X	3	
Zacate Creek Influent (560-122291-4)	11/5/24	10:00 Central	G	Water			X	X	X	3	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		11/6/24 1700				
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 11-7-24 0826	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: ID 368 3.8°

Ver 10/10/2024

Login Sample Receipt Checklist

Client: City of Laredo

Job Number: 560-122291-1

Login Number: 122291

List Source: Eurofins Corpus Christi

List Number: 1

Creator: Stacy, Taylor

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
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 <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	Check done at department level as required.

Login Sample Receipt Checklist

Client: City of Laredo

Job Number: 560-122291-1

Login Number: 122291
List Number: 2
Creator: Loar, Malissa

List Source: Eurofins Cleveland
List Creation: 11/07/24 11:07 AM

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

Login Sample Receipt Checklist

Client: City of Laredo

Job Number: 560-122291-1

Login Number: 122291
List Number: 3
Creator: Baker, Jeremiah

List Source: Eurofins Houston
List Creation: 11/07/24 11:22 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
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 <6mm (1/4").	True	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 6/9/2025 1:49:11 PM

JOB DESCRIPTION

Table II & III South Laredo

JOB NUMBER

860-100214-1

Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477

See page two for job notes and contact information.

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
6/9/2025 1:49:11 PM

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

Table of Contents

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Dioxin

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
q	The reported result is the estimated maximum possible concentration of this analyte, quantitated using the theoretical ion ratio. The measured ion ratio does not meet qualitative identification criteria and indicates a possible interference.

Metals

Qualifier	Qualifier Description
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
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

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

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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

Job Narrative
860-100214-1

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 samples were received on 5/7/2025 9:07 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 1.8°C, 2.4°C, 2.4°C, 2.9°C and 3.7°C.

Receipt Exceptions
The Chain-of-Custody (COC) was improperly completed. Only CN containers were receieved. pest/pcb Analyses listed on COC were received by lab in previous shipment.

Subcontract Work
Methods 604.1 Hexachlorphene (Ana Lab), 614 Parathion and Malathion (Ana Lab), 617 Dicofol (Ana Lab), 622 Guthion, Chlorpyrifos, Demeton, Diazinon (Ana Lab), 632 Carbaryl, Danitol, Diuron (Ana Lab): These methods were subcontracted to Ana-Lab Corporation. The subcontract laboratory certifications are different from that of the facility issuing the final report. The subcontract report is appended in its entirety.

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

GC/MS Semi VOA
Method 625.1: The surrogate recovery for the blank and laboratory control sample duplicate associated with preparation batch 860-234647 and analytical batch 860-234861 was outside the upper control limits.

Method 625.1: The following sample was diluted due to the orange color of the extract: South Laredo WWTP Influent (860-100214-2). Elevated reporting limits (RLs) are provided.

Method D7065_11: Due to the matrix consisting of a highly yellow turbid liquid, the initial volumes used for the following samples South Laredo WWTP Influent (860-100214-2) in preparation batch 280-695445 deviated from the standard procedure: 200mL were used for the initial volumes. The reporting limits (RLs) have been adjusted proportionately.

Method D7065_11: Surrogate 4-nonylphenol (Surr) recovery for the following sample was outside control limits: South Laredo WWTP Effluent (860-100214-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method Organotins_SIM: The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.
Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-569386.O'TIN-W

Method Organotins_SIM: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 570-569386 and analytical batch 570-570033 recovered outside control limits for the following analytes: Tributyltin. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

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

GC Semi VOA

Method 8015D_DAI_G: The continuing calibration verification (CCV) associated with batch 860-234704 recovered above the upper control limit for Ethylene glycol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8015D_DAI_G: The continuing calibration verification (CCV) associated with batch 860-235054 recovered above the upper control limit for Ethylene glycol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

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

Herbicides
Method 615: <Received Sample within a plastic container.>

South Laredo WWTP Effluent (860-100214-1)

Method 615: The continuing calibration verification (CCV) associated with batch 400-708953 recovered outside acceptance criteria, low biased, for 2,4,5-TP (Silvex) and 2,4-D. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

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

PCBs
Method 608.3_PCB_PREC: Surrogate recovery for the following sample was outside control limits: South Laredo WWTP Effluent (860-100214-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

Pesticides
Method 608.3_Pest_PREC: The following samples were diluted due to the nature of the sample matrix: South Laredo WWTP Effluent (860-100214-1) and South Laredo WWTP Influent (860-100214-2). Elevated reporting limits (RLs) are provided.

Method 608.3_Pest_PREC: The Tetrachloro-m-xylene surrogate recovery for the following samples was outside acceptance limits (high biased) on the confirmation column due to matrix interference: South Laredo WWTP Effluent (860-100214-1). The recovery is within acceptance limits on the other column, indicating that the extraction process was in control.

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

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

Dioxin
Method 1613B: The ending automatic mass resolution check for analytical batch 320-853801 exhibited several masses that did not print correctly and indicated the incorrect resolving power of the instrument due to a software glitch. A second manual resolution check was performed which did correctly indicate that the instrument maintained greater than 10,000 resolution for all required masses. There is no significant impact on the data.

Method 1613B: Ion abundance ratios are outside criteria for the Isotope Dilution Analyte (IDA) associated with the following sample: South Laredo WWTP Effluent (860-100214-1). The theoretical area for the IDA was used to quantitate recovery and target concentration.

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

Metals
Method 1631E: The following samples were collected in an unapproved container for low level mercury: South Laredo WWTP Influent (860-100214-2) and South Laredo WWTP Influent LL Hg (860-100214-4) The container was not tested clean for 1631E analysis.

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

General Chemistry

Job ID: 860-100214-1 (Continued) Eurofins Houston

Method 1677_Free: The following sample was diluted to bring the concentration of target analytes within the calibration range: South Laredo WWTP Influent (860-100214-2). Elevated reporting limits (RLs) are provided.

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

Detection Summary

Client: City of Laredo
Job ID: 860-100214-1
Project/Site: Table II & III South Laredo

Client Sample ID: South Laredo WWTP Effluent — Lab Sample ID: 860-100214-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorobromomethane	59		1.0	0.55	ug/L	1		624.1	Total/NA
Bromoform	1.3	J	5.0	0.63	ug/L	1		624.1	Total/NA
Chloroform	93		1.0	0.46	ug/L	1		624.1	Total/NA
Chlorodibromomethane	21		5.0	0.55	ug/L	1		624.1	Total/NA
Trihalomethanes, Total	170		5.0	0.63	ug/L	1		624.1	Total/NA
Nitrate as N	25000		100	39	ug/L	1		300.0	Total/NA
1,2,3,4,6,7,8-HpCDD	2.3	J B q	56	0.15	pg/L	1		1613B	Total/NA
OCDD	40	J B	110	1.1	pg/L	1		1613B	Total/NA
OCDF	3.6	J B q	110	0.38	pg/L	1		1613B	Total/NA
Total HpCDD	4.5	J B q	56	0.15	pg/L	1		1613B	Total/NA
Mercury	0.0024		0.00050	0.00014	ug/L	1		1631E	Total/NA
Aluminum	0.047		0.020	0.0030	mg/L	1		200.8	Total Recoverable
Arsenic	0.0011	J	0.0040	0.00093	mg/L	1		200.8	Total Recoverable
Barium	0.063		0.0040	0.00095	mg/L	1		200.8	Total Recoverable
Copper	0.0038	J	0.0040	0.00069	mg/L	1		200.8	Total Recoverable
Nickel	0.0033		0.0020	0.00049	mg/L	1		200.8	Total Recoverable
Selenium	0.0013	J	0.0020	0.00069	mg/L	1		200.8	Total Recoverable
Zinc	0.026		0.0040	0.00089	mg/L	1		200.8	Total Recoverable
Fluoride	0.74		0.10	0.022	mg/L	1		340.2	Total/NA
Phenols, Total	0.014		0.010	0.0058	mg/L	1		420.4	Total/NA
Cyanide, Total	0.012		0.010	0.0080	mg/L	1		EPA 335.4	Total/NA
Cyanide, Free	0.012		0.0020	0.00079	mg/L	1		OIA-1677	Total/NA

Client Sample ID: South Laredo WWTP Influent — Lab Sample ID: 860-100214-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.7		1.0	0.46	ug/L	1		624.1	Total/NA
Toluene	0.68	J	1.0	0.48	ug/L	1		624.1	Total/NA
Trihalomethanes, Total	1.7	J	5.0	0.63	ug/L	1		624.1	Total/NA
Nitrate as N	71	J	100	39	ug/L	1		300.0	Total/NA
1,2,3,4,7,8-HxCDF	1.3	J q	53	1.1	pg/L	1		1613B	Total/NA
1,2,3,4,6,7,8-HpCDD	4.1	J q B	53	1.1	pg/L	1		1613B	Total/NA
1,2,3,4,6,7,8-HpCDF	3.3	J q	53	0.98	pg/L	1		1613B	Total/NA
OCDD	64	J B	110	5.1	pg/L	1		1613B	Total/NA
OCDF	11	J q B	110	1.6	pg/L	1		1613B	Total/NA
Total HxCDF	1.3	J q	53	1.0	pg/L	1		1613B	Total/NA
Total HpCDD	12	J q B	53	1.1	pg/L	1		1613B	Total/NA
Total HpCDF	3.3	J q	53	1.2	pg/L	1		1613B	Total/NA
Mercury	0.020		0.0010	0.00028	ug/L	2		1631E	Total/NA
Silver	0.00040	J	0.0020	0.00035	mg/L	1		200.8	Total Recoverable
Aluminum	0.37		0.020	0.0030	mg/L	1		200.8	Total Recoverable
Arsenic	0.0016	J	0.0040	0.00093	mg/L	1		200.8	Total Recoverable
Barium	0.077		0.0040	0.00095	mg/L	1		200.8	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: City of Laredo
Job ID: 860-100214-1
Project/Site: Table II & III South Laredo

Client Sample ID: South Laredo WWTP Influent (Continued) — Lab Sample ID: 860-100214-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	0.0021	J	0.0040	0.00089	mg/L	1		200.8	Total Recoverable
Copper	0.024		0.0040	0.00069	mg/L	1		200.8	Total Recoverable
Nickel	0.0021		0.0020	0.00049	mg/L	1		200.8	Total Recoverable
Lead	0.00081	J	0.0020	0.00037	mg/L	1		200.8	Total Recoverable
Selenium	0.00076	J	0.0020	0.00069	mg/L	1		200.8	Total Recoverable
Zinc	0.075		0.0040	0.00089	mg/L	1		200.8	Total Recoverable
Fluoride	0.71		0.10	0.022	mg/L	1		340.2	Total/NA
Phenols, Total	0.15		0.010	0.0058	mg/L	1		420.4	Total/NA
Cyanide, Free	1.4		0.040	0.016	mg/L	20		OIA-1677	Total/NA
Cr (III)	0.0021	J	0.010	0.0020	mg/L	1		SM 3500 CR B	Total/NA

Client Sample ID: South Laredo WWTP Effluent LL Hg — Lab Sample ID: 860-100214-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.0021		0.00050	0.00014	ug/L	1		1631E	Total/NA

Client Sample ID: South Laredo WWTP Influent LL Hg — Lab Sample ID: 860-100214-4

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: South Laredo WWTP Effluent
Lab Sample ID: 860-100214-1
Date Collected: 05/06/25 12:00
Matrix: Water
Date Received: 05/07/25 09:07

Method: EPA 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	<11		50	11	ug/L			05/08/25 18:01	1
Acrylonitrile	<14		50	14	ug/L			05/08/25 18:01	1
Benzene	<0.46		1.0	0.46	ug/L			05/08/25 18:01	1
Dichlorobromomethane	**59**		1.0	0.55	ug/L			05/08/25 18:01	1
Bromoform	**1.3**	**J**	5.0	0.63	ug/L			05/08/25 18:01	1
Methyl bromide	<1.4		5.0	1.4	ug/L			05/08/25 18:01	1
Carbon tetrachloride	<0.90		2.0	0.90	ug/L			05/08/25 18:01	1
Chlorobenzene	<0.46		1.0	0.46	ug/L			05/08/25 18:01	1
Chloroethane	<2.0		10	2.0	ug/L			05/08/25 18:01	1
2-Chloroethyl vinyl ether	<0.75		5.0	0.75	ug/L			05/08/25 18:01	1
Chloroform	**93**		1.0	0.46	ug/L			05/08/25 18:01	1
Methyl chloride	<2.0		10	2.0	ug/L			05/08/25 18:01	1
Chlorodibromomethane	**21**		5.0	0.55	ug/L			05/08/25 18:01	1
1,2-Dibromoethane	<1.0		5.0	1.0	ug/L			05/08/25 18:01	1
1,1-Dichloroethylene	<0.74		1.0	0.74	ug/L			05/08/25 18:01	1
1,2-Dichloroethane	<0.37		1.0	0.37	ug/L			05/08/25 18:01	1
1,1-Dichloroethane	<0.64		1.0	0.64	ug/L			05/08/25 18:01	1
1,2-trans-Dichloroethylene	<0.37		1.0	0.37	ug/L			05/08/25 18:01	1
1,2-Dichloropropane	<0.56		5.0	0.56	ug/L			05/08/25 18:01	1
Ethylbenzene	<0.39		1.0	0.39	ug/L			05/08/25 18:01	1
Methylene Chloride	<1.7		5.0	1.7	ug/L			05/08/25 18:01	1
1,1,2,2-Tetrachloroethane	<0.47		1.0	0.47	ug/L			05/08/25 18:01	1
Tetrachloroethylene	<0.66		1.0	0.66	ug/L			05/08/25 18:01	1
Toluene	<0.48		1.0	0.48	ug/L			05/08/25 18:01	1
1,1,1-Trichloroethane	<0.59		5.0	0.59	ug/L			05/08/25 18:01	1
1,1,2-Trichloroethane	<0.41		1.0	0.41	ug/L			05/08/25 18:01	1
Trichloroethylene	<1.5		5.0	1.5	ug/L			05/08/25 18:01	1
Vinyl chloride	<0.43		2.0	0.43	ug/L			05/08/25 18:01	1
Methyl Ethyl Ketone	<8.3		50	8.3	ug/L			05/08/25 18:01	1
Methyl tert-butyl ether	<1.4		5.0	1.4	ug/L			05/08/25 18:01	1
Trihalomethanes, Total	**170**		5.0	0.63	ug/L			05/08/25 18:01	1
1,3-Dichloropropylene	<1.3		5.0	1.3	ug/L			05/08/25 18:01	1
cis-1,3-Dichloropropene	<1.1		5.0	1.1	ug/L			05/08/25 18:01	1
trans-1,3-Dichloropropene	<1.3		5.0	1.3	ug/L			05/08/25 18:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*105*		*75 - 131*		*05/08/25 18:01*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*05/08/25 18:01*	*1*
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*		*05/08/25 18:01*	*1*

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Epichlorohydrin	<0.0075		0.050	0.0075	mg/L			05/08/25 18:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*63 - 144*		*05/08/25 18:01*	*1*
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*		*05/08/25 18:01*	*1*
Dibromofluoromethane (Surr)	*105*		*75 - 131*		*05/08/25 18:01*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*05/08/25 18:01*	*1*

Client Sample ID: South Laredo WWTP Effluent
Date Collected: 05/06/25 12:00
Date Received: 05/07/25 09:07

Lab Sample ID: 860-100214-1
Matrix: Water

Method: EPA 625.1 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nonylphenol	<0.010		0.010	0.010	mg/L		05/09/25 05:16	05/09/25 21:30	1
Bisphenol-A	<0.010		0.010	0.010	mg/L		05/09/25 05:16	05/09/25 21:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*84*		*31 - 132*	*05/09/25 05:16*	*05/09/25 21:30*	*1*
2-Fluorobiphenyl (Surr)	*87*		*29 - 112*	*05/09/25 05:16*	*05/09/25 21:30*	*1*
2-Fluorophenol (Surr)	*58*		*28 - 114*	*05/09/25 05:16*	*05/09/25 21:30*	*1*
Nitrobenzene-d5 (Surr)	*91*		*15 - 314*	*05/09/25 05:16*	*05/09/25 21:30*	*1*
p-Terphenyl-d14 (Surr)	*97*		*20 - 141*	*05/09/25 05:16*	*05/09/25 21:30*	*1*
Phenol-d5 (Surr)	*39*		*8 - 424*	*05/09/25 05:16*	*05/09/25 21:30*	*1*

Method: ASTM D7065-11 - Determination of Nonylphenols

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nonylphenol	<2.8		5.6	2.8	ug/L		05/12/25 10:12	05/13/25 23:03	1
Bisphenol-A	<1.2		2.3	1.2	ug/L		05/12/25 10:12	05/13/25 23:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-nonylphenol (Surr)	*51*	*S1-*	*58 - 115*	*05/12/25 10:12*	*05/13/25 23:03*	*1*

Method: Lab SOP Organotins SIM - Organotins (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tributyltin	<1.7	*+	3.4	1.7	ng/L		05/10/25 07:30	05/12/25 15:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tripentyltin	*92*		*10 - 120*	*05/10/25 07:30*	*05/12/25 15:11*	*1*

Method: EPA-01 615 - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-TP (Silvex)	<1.5		2.0	1.5	ug/L		05/12/25 14:28	05/13/25 17:59	1
2,4-D	<1.3		9.8	1.3	ug/L		05/12/25 14:28	05/13/25 17:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*71*		*16 - 133*	*05/12/25 14:28*	*05/13/25 17:59*	*1*

Method: SW846 8015D - Glycols- Direct Injection (GC/FID)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene glycol	<1.2		5.0	1.2	mg/L			05/09/25 14:48	1

Method: 40CFR136A EPA 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0056		0.014	0.0056	ug/L		05/11/25 18:32	05/14/25 15:32	10
4,4'-DDE	<0.0031		0.014	0.0031	ug/L		05/11/25 18:32	05/14/25 15:32	10
4,4'-DDT	<0.0072		0.014	0.0072	ug/L		05/11/25 18:32	05/14/25 15:32	10
Aldrin	<0.0037		0.014	0.0037	ug/L		05/11/25 18:32	05/14/25 15:32	10
alpha-BHC	<0.0025		0.014	0.0025	ug/L		05/11/25 18:32	05/14/25 15:32	10
beta-BHC	<0.0038		0.014	0.0038	ug/L		05/11/25 18:32	05/14/25 15:32	10
Chlordane (technical)	<0.076		0.14	0.076	ug/L		05/11/25 18:32	05/14/25 15:32	10
cis-Chlordane	<0.0038		0.014	0.0038	ug/L		05/11/25 18:32	05/14/25 15:32	10
delta-BHC	<0.0067		0.014	0.0067	ug/L		05/11/25 18:32	05/14/25 15:32	10
Dieldrin	<0.0029		0.014	0.0029	ug/L		05/11/25 18:32	05/14/25 15:32	10
Endosulfan I	<0.0071		0.014	0.0071	ug/L		05/11/25 18:32	05/14/25 15:32	10
Endosulfan II	<0.0033		0.014	0.0033	ug/L		05/11/25 18:32	05/14/25 15:32	10

Client Sample ID: South Laredo WWTP Effluent
Date Collected: 05/06/25 12:00
Date Received: 05/07/25 09:07

Lab Sample ID: 860-100214-1
Matrix: Water

Method: 40CFR136A EPA 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan sulfate	<0.0066		0.014	0.0066	ug/L		05/11/25 18:32	05/14/25 15:32	10
Endrin	<0.0024		0.014	0.0024	ug/L		05/11/25 18:32	05/14/25 15:32	10
Endrin aldehyde	<0.0054		0.014	0.0054	ug/L		05/11/25 18:32	05/14/25 15:32	10
Endrin ketone	<0.0041		0.014	0.0041	ug/L		05/11/25 18:32	05/14/25 15:32	10
gamma-BHC (Lindane)	<0.0031		0.014	0.0031	ug/L		05/11/25 18:32	05/14/25 15:32	10
Heptachlor	<0.0047		0.014	0.0047	ug/L		05/11/25 18:32	05/14/25 15:32	10
Heptachlor epoxide	<0.0036		0.014	0.0036	ug/L		05/11/25 18:32	05/14/25 15:32	10
Methoxychlor	<0.0081		0.014	0.0081	ug/L		05/11/25 18:32	05/14/25 15:32	10
Mirex	<0.0049		0.014	0.0049	ug/L		05/11/25 18:32	05/14/25 15:32	10
Toxaphene	<0.51		1.0	0.51	ug/L		05/11/25 18:32	05/14/25 15:32	10
trans-Chlordane	<0.0043		0.014	0.0043	ug/L		05/11/25 18:32	05/14/25 15:32	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*99*		*43 - 143*	*05/11/25 18:32*	*05/14/25 15:32*	*10*
Tetrachloro-m-xylene	*133*		*20 - 138*	*05/11/25 18:32*	*05/14/25 15:32*	*10*

Method: 40CFR136A EPA 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0050		0.010	0.0050	ug/L		05/11/25 18:32	05/12/25 13:00	1
PCB-1221	<0.0060		0.010	0.0060	ug/L		05/11/25 18:32	05/12/25 13:00	1
PCB-1232	<0.0054		0.010	0.0054	ug/L		05/11/25 18:32	05/12/25 13:00	1
PCB-1242	<0.0095		0.010	0.0095	ug/L		05/11/25 18:32	05/12/25 13:00	1
PCB-1248	<0.0031		0.010	0.0031	ug/L		05/11/25 18:32	05/12/25 13:00	1
PCB-1254	<0.0099		0.010	0.0099	ug/L		05/11/25 18:32	05/12/25 13:00	1
PCB-1260	<0.0041		0.010	0.0041	ug/L		05/11/25 18:32	05/12/25 13:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*159*	*S1+*	*20 - 138*	*05/11/25 18:32*	*05/12/25 13:00*	*1*
DCB Decachlorobiphenyl (Surr)	*89*		*43 - 143*	*05/11/25 18:32*	*05/12/25 13:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**25000**		100	39	ug/L			05/07/25 17:07	1

Method: EPA 1613B - Dioxins and Furans (HRGC/HRMS)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	<0.22		11	0.22	pg/L		05/16/25 07:39	05/24/25 02:06	1
2,3,7,8-TCDF	<0.18		11	0.18	pg/L		05/16/25 07:39	05/24/25 02:06	1
1,2,3,7,8-PeCDD	<0.24		56	0.24	pg/L		05/16/25 07:39	05/24/25 02:06	1
1,2,3,7,8-PeCDF	<0.23		56	0.23	pg/L		05/16/25 07:39	05/24/25 02:06	1
2,3,4,7,8-PeCDF	<0.23		56	0.23	pg/L		05/16/25 07:39	05/24/25 02:06	1
1,2,3,4,7,8-HxCDD	<0.29		56	0.29	pg/L		05/16/25 07:39	05/24/25 02:06	1
1,2,3,6,7,8-HxCDD	<0.29		56	0.29	pg/L		05/16/25 07:39	05/24/25 02:06	1
1,2,3,7,8,9-HxCDD	<0.28		56	0.28	pg/L		05/16/25 07:39	05/24/25 02:06	1
1,2,3,4,7,8-HxCDF	<0.18		56	0.18	pg/L		05/16/25 07:39	05/24/25 02:06	1
1,2,3,6,7,8-HxCDF	<0.15		56	0.15	pg/L		05/16/25 07:39	05/24/25 02:06	1
1,2,3,7,8,9-HxCDF	<0.15		56	0.15	pg/L		05/16/25 07:39	05/24/25 02:06	1
2,3,4,6,7,8-HxCDF	<0.14		56	0.14	pg/L		05/16/25 07:39	05/24/25 02:06	1
1,2,3,4,6,7,8-HpCDD	**2.3**	**J B q**	56	0.15	pg/L		05/16/25 07:39	05/24/25 02:06	1
1,2,3,4,6,7,8-HpCDF	<0.25		56	0.25	pg/L		05/16/25 07:39	05/24/25 02:06	1
1,2,3,4,7,8,9-HpCDF	<0.27		56	0.27	pg/L		05/16/25 07:39	05/24/25 02:06	1

Client Sample ID: South Laredo WWTP Effluent
Lab Sample ID: 860-100214-1

Date Collected: 05/06/25 12:00
Matrix: Water

Date Received: 05/07/25 09:07

Method: EPA 1613B - Dioxins and Furans (HRGC/HRMS) (Continued)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
OCDD	**40**	**J B**	110	1.1	pg/L		05/16/25 07:39	05/24/25 02:06	1
OCDF	**3.6**	**J B q**	110	0.38	pg/L		05/16/25 07:39	05/24/25 02:06	1
Total TCDD	<0.40		11	0.40	pg/L		05/16/25 07:39	05/24/25 02:06	1
Total TCDF	<0.23		11	0.23	pg/L		05/16/25 07:39	05/24/25 02:06	1
Total PeCDD	<0.24		56	0.24	pg/L		05/16/25 07:39	05/24/25 02:06	1
Total PeCDF	<0.34		56	0.34	pg/L		05/16/25 07:39	05/24/25 02:06	1
Total HxCDD	<0.99		56	0.99	pg/L		05/16/25 07:39	05/24/25 02:06	1
Total HxCDF	<0.46		56	0.46	pg/L		05/16/25 07:39	05/24/25 02:06	1
Total HpCDD	**4.5**	**J B q**	56	0.15	pg/L		05/16/25 07:39	05/24/25 02:06	1
Total HpCDF	<0.60		56	0.60	pg/L		05/16/25 07:39	05/24/25 02:06	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-2,3,7,8-TCDD	*57*		*25 - 164*	*05/16/25 07:39*	*05/24/25 02:06*	*1*
13C-2,3,7,8-TCDF	*59*		*24 - 169*	*05/16/25 07:39*	*05/24/25 02:06*	*1*
13C-1,2,3,7,8-PeCDD	*56*		*25 - 181*	*05/16/25 07:39*	*05/24/25 02:06*	*1*
13C-1,2,3,7,8-PeCDF	*60*		*24 - 185*	*05/16/25 07:39*	*05/24/25 02:06*	*1*
13C-2,3,4,7,8-PeCDF	*50*		*21 - 178*	*05/16/25 07:39*	*05/24/25 02:06*	*1*
13C-1,2,3,4,7,8-HxCDD	*43*	*q*	*32 - 141*	*05/16/25 07:39*	*05/24/25 02:06*	*1*
13C-1,2,3,6,7,8-HxCDD	*48*		*28 - 130*	*05/16/25 07:39*	*05/24/25 02:06*	*1*
13C-1,2,3,4,7,8-HxCDF	*50*		*26 - 152*	*05/16/25 07:39*	*05/24/25 02:06*	*1*
13C-1,2,3,6,7,8-HxCDF	*60*		*26 - 123*	*05/16/25 07:39*	*05/24/25 02:06*	*1*
13C-1,2,3,7,8,9-HxCDF	*67*		*29 - 147*	*05/16/25 07:39*	*05/24/25 02:06*	*1*
13C-2,3,4,6,7,8-HxCDF	*67*		*28 - 136*	*05/16/25 07:39*	*05/24/25 02:06*	*1*
13C-1,2,3,4,6,7,8-HpCDD	*60*		*23 - 140*	*05/16/25 07:39*	*05/24/25 02:06*	*1*
13C-1,2,3,4,6,7,8-HpCDF	*49*		*28 - 143*	*05/16/25 07:39*	*05/24/25 02:06*	*1*
13C-1,2,3,4,7,8,9-HpCDF	*56*		*26 - 138*	*05/16/25 07:39*	*05/24/25 02:06*	*1*
13C-OCDD	*51*		*17 - 157*	*05/16/25 07:39*	*05/24/25 02:06*	*1*
13C-OCDF	*56*		*17 - 157*	*05/16/25 07:39*	*05/24/25 02:06*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
37Cl4-2,3,7,8-TCDD	*78*		*35 - 197*	*05/16/25 07:39*	*05/24/25 02:06*	*1*

Method: EPA 1631E - Mercury, Low Level (CVAFS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0024**		0.00050	0.00014	ug/L		05/12/25 12:00	05/13/25 11:30	1

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.00035		0.0020	0.00035	mg/L		05/08/25 14:30	05/08/25 22:06	1
Aluminum	**0.047**		0.020	0.0030	mg/L		05/08/25 14:30	05/08/25 22:06	1
Arsenic	**0.0011**	**J**	0.0040	0.00093	mg/L		05/08/25 14:30	05/08/25 22:06	1
Barium	**0.063**		0.0040	0.00095	mg/L		05/08/25 14:30	05/08/25 22:06	1
Beryllium	<0.00038		0.0020	0.00038	mg/L		05/08/25 14:30	05/08/25 22:06	1
Cadmium	<0.00026		0.0020	0.00026	mg/L		05/08/25 14:30	05/08/25 22:06	1
Chromium	<0.00089		0.0040	0.00089	mg/L		05/08/25 14:30	05/08/25 22:06	1
Copper	**0.0038**	**J**	0.0040	0.00069	mg/L		05/08/25 14:30	05/08/25 22:06	1
Nickel	**0.0033**		0.0020	0.00049	mg/L		05/08/25 14:30	05/08/25 22:06	1
Lead	<0.00037		0.0020	0.00037	mg/L		05/08/25 14:30	05/08/25 22:06	1
Antimony	<0.0011		0.0020	0.0011	mg/L		05/08/25 14:30	05/09/25 12:10	1
Selenium	**0.0013**	**J**	0.0020	0.00069	mg/L		05/08/25 14:30	05/08/25 22:06	1
Thallium	<0.00022		0.0020	0.00022	mg/L		05/08/25 14:30	05/08/25 22:06	1

Client Sample ID: South Laredo WWTP Effluent
Lab Sample ID: 860-100214-1

Date Collected: 05/06/25 12:00
Matrix: Water
Date Received: 05/07/25 09:07

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	**0.026**		0.0040	0.00089	mg/L		05/08/25 14:30	05/08/25 22:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride (EPA 340.2)	**0.74**		0.10	0.022	mg/L			05/14/25 14:21	1
Phenols, Total (EPA 420.4)	**0.014**		0.010	0.0058	mg/L			05/08/25 23:13	1
Cyanide, Total (EPA 335.4)	**0.012**		0.010	0.0080	mg/L		05/13/25 14:35	05/13/25 17:36	1
Cyanide, Free (OI CORP OIA-1677)	**0.012**		0.0020	0.00079	mg/L			05/13/25 18:02	1
Cr (III) (SM 3500 CR B)	<0.0020		0.010	0.0020	mg/L			05/12/25 08:54	1
Cr (VI) (SM 3500 CR B)	<0.0020		0.010	0.0020	mg/L			05/07/25 11:20	1

Client Sample ID: South Laredo WWTP Influent
Lab Sample ID: 860-100214-2

Date Collected: 05/06/25 12:00
Matrix: Water
Date Received: 05/07/25 09:07

Method: EPA 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	<11		50	11	ug/L			05/08/25 18:22	1
Acrylonitrile	<14		50	14	ug/L			05/08/25 18:22	1
Benzene	<0.46		1.0	0.46	ug/L			05/08/25 18:22	1
Dichlorobromomethane	<0.55		1.0	0.55	ug/L			05/08/25 18:22	1
Bromoform	<0.63		5.0	0.63	ug/L			05/08/25 18:22	1
Methyl bromide	<1.4		5.0	1.4	ug/L			05/08/25 18:22	1
Carbon tetrachloride	<0.90		2.0	0.90	ug/L			05/08/25 18:22	1
Chlorobenzene	<0.46		1.0	0.46	ug/L			05/08/25 18:22	1
Chloroethane	<2.0		10	2.0	ug/L			05/08/25 18:22	1
2-Chloroethyl vinyl ether	<0.75		5.0	0.75	ug/L			05/08/25 18:22	1
Chloroform	**1.7**		1.0	0.46	ug/L			05/08/25 18:22	1
Methyl chloride	<2.0		10	2.0	ug/L			05/08/25 18:22	1
Chlorodibromomethane	<0.55		5.0	0.55	ug/L			05/08/25 18:22	1
1,2-Dibromoethane	<1.0		5.0	1.0	ug/L			05/08/25 18:22	1
1,1-Dichloroethylene	<0.74		1.0	0.74	ug/L			05/08/25 18:22	1
1,2-Dichloroethane	<0.37		1.0	0.37	ug/L			05/08/25 18:22	1
1,1-Dichloroethane	<0.64		1.0	0.64	ug/L			05/08/25 18:22	1
1,2-trans-Dichloroethylene	<0.37		1.0	0.37	ug/L			05/08/25 18:22	1
1,2-Dichloropropane	<0.56		5.0	0.56	ug/L			05/08/25 18:22	1
Ethylbenzene	<0.39		1.0	0.39	ug/L			05/08/25 18:22	1
Methylene Chloride	<1.7		5.0	1.7	ug/L			05/08/25 18:22	1
1,1,2,2-Tetrachloroethane	<0.47		1.0	0.47	ug/L			05/08/25 18:22	1
Tetrachloroethylene	<0.66		1.0	0.66	ug/L			05/08/25 18:22	1
Toluene	**0.68**	**J**	1.0	0.48	ug/L			05/08/25 18:22	1
1,1,1-Trichloroethane	<0.59		5.0	0.59	ug/L			05/08/25 18:22	1
1,1,2-Trichloroethane	<0.41		1.0	0.41	ug/L			05/08/25 18:22	1
Trichloroethylene	<1.5		5.0	1.5	ug/L			05/08/25 18:22	1
Vinyl chloride	<0.43		2.0	0.43	ug/L			05/08/25 18:22	1
Methyl Ethyl Ketone	<8.3		50	8.3	ug/L			05/08/25 18:22	1
Methyl tert-butyl ether	<1.4		5.0	1.4	ug/L			05/08/25 18:22	1
Trihalomethanes, Total	**1.7**	**J**	5.0	0.63	ug/L			05/08/25 18:22	1
1,3-Dichloropropylene	<1.3		5.0	1.3	ug/L			05/08/25 18:22	1
cis-1,3-Dichloropropene	<1.1		5.0	1.1	ug/L			05/08/25 18:22	1

Client Sample ID: South Laredo WWTP Influent
Date Collected: 05/06/25 12:00
Date Received: 05/07/25 09:07

Lab Sample ID: 860-100214-2
Matrix: Water

Method: EPA 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<1.3		5.0	1.3	ug/L			05/08/25 18:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*102*		*75 - 131*		*05/08/25 18:22*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*05/08/25 18:22*	*1*
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*		*05/08/25 18:22*	*1*

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Epichlorohydrin	<0.0075		0.050	0.0075	mg/L			05/08/25 18:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*63 - 144*		*05/08/25 18:22*	*1*
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*		*05/08/25 18:22*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 131*		*05/08/25 18:22*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*05/08/25 18:22*	*1*

Method: EPA 625.1 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nonylphenol	<0.050		0.050	0.050	mg/L		05/09/25 05:16	05/09/25 21:53	5
Bisphenol-A	<0.050		0.050	0.050	mg/L		05/09/25 05:16	05/09/25 21:53	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*92*		*31 - 132*	*05/09/25 05:16*	*05/09/25 21:53*	*5*
2-Fluorobiphenyl (Surr)	*70*		*29 - 112*	*05/09/25 05:16*	*05/09/25 21:53*	*5*
2-Fluorophenol (Surr)	*45*		*28 - 114*	*05/09/25 05:16*	*05/09/25 21:53*	*5*
Nitrobenzene-d5 (Surr)	*67*		*15 - 314*	*05/09/25 05:16*	*05/09/25 21:53*	*5*
p-Terphenyl-d14 (Surr)	*102*		*20 - 141*	*05/09/25 05:16*	*05/09/25 21:53*	*5*
Phenol-d5 (Surr)	*33*		*8 - 424*	*05/09/25 05:16*	*05/09/25 21:53*	*5*

Method: ASTM D7065-11 - Determination of Nonylphenols

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nonylphenol	<13		25	13	ug/L		05/12/25 10:12	05/13/25 23:25	1
Bisphenol-A	<5.3		11	5.3	ug/L		05/12/25 10:12	05/13/25 23:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-nonylphenol (Surr)	*81*		*58 - 115*	*05/12/25 10:12*	*05/13/25 23:25*	*1*

Method: Lab SOP Organotins SIM - Organotins (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tributyltin	<1.6	*+	3.2	1.6	ng/L		05/10/25 07:30	05/12/25 15:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tripentyltin	*88*		*10 - 120*	*05/10/25 07:30*	*05/12/25 15:27*	*1*

Method: EPA-01 615 - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-TP (Silvex)	<1.5		2.0	1.5	ug/L		05/12/25 11:21	05/13/25 18:29	1
2,4-D	<1.3		9.9	1.3	ug/L		05/12/25 11:21	05/13/25 18:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*64*		*16 - 133*	*05/12/25 11:21*	*05/13/25 18:29*	*1*

Client: City of Laredo
Job ID: 860-100214-1
Project/Site: Table II & III South Laredo

Client Sample ID: South Laredo WWTP Influent
Lab Sample ID: 860-100214-2
Date Collected: 05/06/25 12:00
Matrix: Water
Date Received: 05/07/25 09:07

Method: SW846 8015D - Glycols- Direct Injection (GC/FID)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene glycol	<1.2		5.0	1.2	mg/L			05/12/25 15:19	1

Method: 40CFR136A EPA 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.0056		0.014	0.0056	ug/L		05/11/25 18:32	05/14/25 15:50	10
4,4'-DDE	<0.0031		0.014	0.0031	ug/L		05/11/25 18:32	05/14/25 15:50	10
4,4'-DDT	<0.0073		0.014	0.0073	ug/L		05/11/25 18:32	05/14/25 15:50	10
Aldrin	<0.0037		0.014	0.0037	ug/L		05/11/25 18:32	05/14/25 15:50	10
alpha-BHC	<0.0025		0.014	0.0025	ug/L		05/11/25 18:32	05/14/25 15:50	10
beta-BHC	<0.0039		0.014	0.0039	ug/L		05/11/25 18:32	05/14/25 15:50	10
Chlordane (technical)	<0.076		0.14	0.076	ug/L		05/11/25 18:32	05/14/25 15:50	10
cis-Chlordane	<0.0039		0.014	0.0039	ug/L		05/11/25 18:32	05/14/25 15:50	10
delta-BHC	<0.0068		0.014	0.0068	ug/L		05/11/25 18:32	05/14/25 15:50	10
Dieldrin	<0.0029		0.014	0.0029	ug/L		05/11/25 18:32	05/14/25 15:50	10
Endosulfan I	<0.0072		0.014	0.0072	ug/L		05/11/25 18:32	05/14/25 15:50	10
Endosulfan II	<0.0033		0.014	0.0033	ug/L		05/11/25 18:32	05/14/25 15:50	10
Endosulfan sulfate	<0.0067		0.014	0.0067	ug/L		05/11/25 18:32	05/14/25 15:50	10
Endrin	<0.0024		0.014	0.0024	ug/L		05/11/25 18:32	05/14/25 15:50	10
Endrin aldehyde	<0.0055		0.014	0.0055	ug/L		05/11/25 18:32	05/14/25 15:50	10
Endrin ketone	<0.0042		0.014	0.0042	ug/L		05/11/25 18:32	05/14/25 15:50	10
gamma-BHC (Lindane)	<0.0031		0.014	0.0031	ug/L		05/11/25 18:32	05/14/25 15:50	10
Heptachlor	<0.0048		0.014	0.0048	ug/L		05/11/25 18:32	05/14/25 15:50	10
Heptachlor epoxide	<0.0036		0.014	0.0036	ug/L		05/11/25 18:32	05/14/25 15:50	10
Methoxychlor	<0.0082		0.014	0.0082	ug/L		05/11/25 18:32	05/14/25 15:50	10
Mirex	<0.0049		0.014	0.0049	ug/L		05/11/25 18:32	05/14/25 15:50	10
Toxaphene	<0.52		1.1	0.52	ug/L		05/11/25 18:32	05/14/25 15:50	10
trans-Chlordane	<0.0043		0.014	0.0043	ug/L		05/11/25 18:32	05/14/25 15:50	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*120*		*43 - 143*	*05/11/25 18:32*	*05/14/25 15:50*	*10*
Tetrachloro-m-xylene	*77*		*20 - 138*	*05/11/25 18:32*	*05/14/25 15:50*	*10*

Method: 40CFR136A EPA 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0050		0.011	0.0050	ug/L		05/11/25 18:32	05/12/25 13:17	1
PCB-1221	<0.0060		0.011	0.0060	ug/L		05/11/25 18:32	05/12/25 13:17	1
PCB-1232	<0.0055		0.011	0.0055	ug/L		05/11/25 18:32	05/12/25 13:17	1
PCB-1242	<0.0096		0.011	0.0096	ug/L		05/11/25 18:32	05/12/25 13:17	1
PCB-1248	<0.0031		0.011	0.0031	ug/L		05/11/25 18:32	05/12/25 13:17	1
PCB-1254	<0.010		0.011	0.010	ug/L		05/11/25 18:32	05/12/25 13:17	1
PCB-1260	<0.0041		0.011	0.0041	ug/L		05/11/25 18:32	05/12/25 13:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*100*		*20 - 138*	*05/11/25 18:32*	*05/12/25 13:17*	*1*
DCB Decachlorobiphenyl (Surr)	*100*		*43 - 143*	*05/11/25 18:32*	*05/12/25 13:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**71**	**J**	100	39	ug/L			05/07/25 17:22	1

Client: City of Laredo
Job ID: 860-100214-1
Project/Site: Table II & III South Laredo

Client Sample ID: South Laredo WWTP Influent
Lab Sample ID: 860-100214-2
Date Collected: 05/06/25 12:00
Matrix: Water
Date Received: 05/07/25 09:07

Method: EPA 1613B - Dioxins and Furans (HRGC/HRMS)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	<0.86		11	0.86	pg/L		05/16/25 07:39	05/29/25 16:42	1
2,3,7,8-TCDF	<0.74		11	0.74	pg/L		05/16/25 07:39	05/29/25 16:42	1
1,2,3,7,8-PeCDD	<1.4		53	1.4	pg/L		05/16/25 07:39	05/29/25 16:42	1
1,2,3,7,8-PeCDF	<1.1		53	1.1	pg/L		05/16/25 07:39	05/29/25 16:42	1
2,3,4,7,8-PeCDF	<1.1		53	1.1	pg/L		05/16/25 07:39	05/29/25 16:42	1
1,2,3,4,7,8-HxCDD	<1.5		53	1.5	pg/L		05/16/25 07:39	05/29/25 16:42	1
1,2,3,6,7,8-HxCDD	<1.5		53	1.5	pg/L		05/16/25 07:39	05/29/25 16:42	1
1,2,3,7,8,9-HxCDD	<1.4		53	1.4	pg/L		05/16/25 07:39	05/29/25 16:42	1
1,2,3,4,7,8-HxCDF	**1.3**	**J q**	53	1.1	pg/L		05/16/25 07:39	05/29/25 16:42	1
1,2,3,6,7,8-HxCDF	<0.87		53	0.87	pg/L		05/16/25 07:39	05/29/25 16:42	1
1,2,3,7,8,9-HxCDF	<1.2		53	1.2	pg/L		05/16/25 07:39	05/29/25 16:42	1
2,3,4,6,7,8-HxCDF	<0.94		53	0.94	pg/L		05/16/25 07:39	05/29/25 16:42	1
1,2,3,4,6,7,8-HpCDD	**4.1**	**J q B**	53	1.1	pg/L		05/16/25 07:39	05/29/25 16:42	1
1,2,3,4,6,7,8-HpCDF	**3.3**	**J q**	53	0.98	pg/L		05/16/25 07:39	05/29/25 16:42	1
1,2,3,4,7,8,9-HpCDF	<1.3		53	1.3	pg/L		05/16/25 07:39	05/29/25 16:42	1
OCDD	**64**	**J B**	110	5.1	pg/L		05/16/25 07:39	05/29/25 16:42	1
OCDF	**11**	**J q B**	110	1.6	pg/L		05/16/25 07:39	05/29/25 16:42	1
Total TCDD	<0.98		11	0.98	pg/L		05/16/25 07:39	05/29/25 16:42	1
Total TCDF	<3.8		11	3.8	pg/L		05/16/25 07:39	05/29/25 16:42	1
Total PeCDD	<1.4		53	1.4	pg/L		05/16/25 07:39	05/29/25 16:42	1
Total PeCDF	<1.1		53	1.1	pg/L		05/16/25 07:39	05/29/25 16:42	1
Total HxCDD	<1.5		53	1.5	pg/L		05/16/25 07:39	05/29/25 16:42	1
Total HxCDF	**1.3**	**J q**	53	1.0	pg/L		05/16/25 07:39	05/29/25 16:42	1
Total HpCDD	**12**	**J q B**	53	1.1	pg/L		05/16/25 07:39	05/29/25 16:42	1
Total HpCDF	**3.3**	**J q**	53	1.2	pg/L		05/16/25 07:39	05/29/25 16:42	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-2,3,7,8-TCDD	*47*		*25 - 164*	*05/16/25 07:39*	*05/29/25 16:42*	*1*
13C-2,3,7,8-TCDF	*47*		*24 - 169*	*05/16/25 07:39*	*05/29/25 16:42*	*1*
13C-1,2,3,7,8-PeCDD	*51*		*25 - 181*	*05/16/25 07:39*	*05/29/25 16:42*	*1*
13C-1,2,3,7,8-PeCDF	*51*		*24 - 185*	*05/16/25 07:39*	*05/29/25 16:42*	*1*
13C-2,3,4,7,8-PeCDF	*44*		*21 - 178*	*05/16/25 07:39*	*05/29/25 16:42*	*1*
13C-1,2,3,4,7,8-HxCDD	*48*		*32 - 141*	*05/16/25 07:39*	*05/29/25 16:42*	*1*
13C-1,2,3,6,7,8-HxCDD	*56*		*28 - 130*	*05/16/25 07:39*	*05/29/25 16:42*	*1*
13C-1,2,3,4,7,8-HxCDF	*48*		*26 - 152*	*05/16/25 07:39*	*05/29/25 16:42*	*1*
13C-1,2,3,6,7,8-HxCDF	*64*		*26 - 123*	*05/16/25 07:39*	*05/29/25 16:42*	*1*
13C-1,2,3,7,8,9-HxCDF	*58*		*29 - 147*	*05/16/25 07:39*	*05/29/25 16:42*	*1*
13C-2,3,4,6,7,8-HxCDF	*61*		*28 - 136*	*05/16/25 07:39*	*05/29/25 16:42*	*1*
13C-1,2,3,4,6,7,8-HpCDD	*56*		*23 - 140*	*05/16/25 07:39*	*05/29/25 16:42*	*1*
13C-1,2,3,4,6,7,8-HpCDF	*53*		*28 - 143*	*05/16/25 07:39*	*05/29/25 16:42*	*1*
13C-1,2,3,4,7,8,9-HpCDF	*46*		*26 - 138*	*05/16/25 07:39*	*05/29/25 16:42*	*1*
13C-OCDD	*48*		*17 - 157*	*05/16/25 07:39*	*05/29/25 16:42*	*1*
13C-OCDF	*47*		*17 - 157*	*05/16/25 07:39*	*05/29/25 16:42*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
37Cl4-2,3,7,8-TCDD	*74*		*35 - 197*	*05/16/25 07:39*	*05/29/25 16:42*	*1*

Method: EPA 1631E - Mercury, Low Level (CVAFS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.020**		0.0010	0.00028	ug/L		05/12/25 12:00	05/13/25 11:35	2

Client: City of Laredo
Job ID: 860-100214-1
Project/Site: Table II & III South Laredo

Client Sample ID: South Laredo WWTP Influent
Lab Sample ID: 860-100214-2
Date Collected: 05/06/25 12:00
Matrix: Water
Date Received: 05/07/25 09:07

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**0.00040**	**J**	0.0020	0.00035	mg/L		05/09/25 10:30	05/09/25 17:10	1
Aluminum	**0.37**		0.020	0.0030	mg/L		05/09/25 10:30	05/09/25 17:10	1
Arsenic	**0.0016**	**J**	0.0040	0.00093	mg/L		05/09/25 10:30	05/09/25 17:10	1
Barium	**0.077**		0.0040	0.00095	mg/L		05/09/25 10:30	05/09/25 17:10	1
Beryllium	<0.00038		0.0020	0.00038	mg/L		05/09/25 10:30	05/09/25 17:10	1
Cadmium	<0.00026		0.0020	0.00026	mg/L		05/09/25 10:30	05/09/25 17:10	1
Chromium	**0.0021**	**J**	0.0040	0.00089	mg/L		05/09/25 10:30	05/09/25 17:10	1
Copper	**0.024**		0.0040	0.00069	mg/L		05/09/25 10:30	05/09/25 17:10	1
Nickel	**0.0021**		0.0020	0.00049	mg/L		05/09/25 10:30	05/09/25 17:10	1
Lead	**0.00081**	**J**	0.0020	0.00037	mg/L		05/09/25 10:30	05/09/25 17:10	1
Antimony	<0.0011		0.0020	0.0011	mg/L		05/09/25 10:30	05/09/25 17:10	1
Selenium	**0.00076**	**J**	0.0020	0.00069	mg/L		05/09/25 10:30	05/09/25 17:10	1
Thallium	<0.00022		0.0020	0.00022	mg/L		05/09/25 10:30	05/09/25 17:10	1
Zinc	**0.075**		0.0040	0.00089	mg/L		05/09/25 10:30	05/09/25 17:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride (EPA 340.2)	**0.71**		0.10	0.022	mg/L			05/14/25 14:24	1
Phenols, Total (EPA 420.4)	**0.15**		0.010	0.0058	mg/L			05/08/25 23:16	1
Cyanide, Total (EPA 335.4)	<0.0080		0.010	0.0080	mg/L		05/13/25 14:35	05/13/25 17:57	1
Cyanide, Free (OI CORP OIA-1677)	**1.4**		0.040	0.016	mg/L			05/13/25 18:49	20
Cr (III) (SM 3500 CR B)	**0.0021**	**J**	0.010	0.0020	mg/L			05/12/25 08:54	1
Cr (VI) (SM 3500 CR B)	<0.0020		0.010	0.0020	mg/L			05/07/25 11:20	1

Client Sample ID: South Laredo WWTP Effluent LL Hg
Lab Sample ID: 860-100214-3
Date Collected: 05/06/25 12:00
Matrix: Water
Date Received: 05/07/25 09:07

Method: EPA 1631E - Mercury, Low Level (CVAFS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0021**		0.00050	0.00014	ug/L		05/12/25 12:00	05/13/25 11:40	1

Client Sample ID: South Laredo WWTP Influent LL Hg
Lab Sample ID: 860-100214-4
Date Collected: 05/06/25 12:00
Matrix: Water
Date Received: 05/07/25 09:07

Method: EPA 1631E - Mercury, Low Level (CVAFS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00014		0.00050	0.00014	ug/L		05/12/25 12:00	05/13/25 11:45	1

Surrogate Summary

Client: City of Laredo
Project/Site: Table II & III South Laredo

Job ID: 860-100214-1

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)								
		DBFM	TOL	BFB						
Lab Sample ID	Client Sample ID	(75-131)	(80-120)	(74-124)						
860-100214-1	South Laredo WWTP Effluent	105	98	99						
860-100214-2	South Laredo WWTP Influent	102	99	98						
LCS 860-234360/3	Lab Control Sample	102	98	95						
LCSD 860-234360/4	Lab Control Sample Dup	99	98	99						
MB 860-234360/8	Method Blank	102	100	98						

Surrogate Legend

DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)								
		DCA	BFB	DBFM	TOL					
Lab Sample ID	Client Sample ID	(63-144)	(74-124)	(75-131)	(80-120)					
860-100214-1	South Laredo WWTP Effluent	103	99	105	98					
860-100214-2	South Laredo WWTP Influent	101	98	102	99					

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 625.1 - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)							
		TBP	FBP	2FP	NBZ	TPHd14	PHL		
Lab Sample ID	Client Sample ID	(31-132)	(29-112)	(28-114)	(15-314)	(20-141)	(8-424)		
860-100214-1	South Laredo WWTP Effluent	84	87	58	91	97	39		
860-100214-2	South Laredo WWTP Influent	92	70	45	67	102	33		
LCS 860-234647/2-A	Lab Control Sample	105	107	97	111	116	87		
LCSD 860-234647/3-A	Lab Control Sample Dup	111	114 S1+	109	123	120	98		
MB 860-234647/1-A	Method Blank	77	117 S1+	100	112	125	85		

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)
PHL = Phenol-d5 (Surr)

Surrogate Summary

Client: City of Laredo
Job ID: 860-100214-1
Project/Site: Table II & III South Laredo

Method: D7065-11 - Determination of Nonylphenols

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)								
		4NPH								
Lab Sample ID	Client Sample ID	(58-115)								
860-100214-1	South Laredo WWTP Effluent	51 S1-								
860-100214-2	South Laredo WWTP Influent	81								
LCS 280-695445/2-A	Lab Control Sample	91								
LCSD 280-695445/3-A	Lab Control Sample Dup	89								
MB 280-695445/1-A	Method Blank	77								

Surrogate Legend

4NPH = 4-nonylphenol (Surr)

Method: Organotins SIM - Organotins (GC/MS SIM)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)								
		TPTT								
Lab Sample ID	Client Sample ID	(10-120)								
860-100214-1	South Laredo WWTP Effluent	92								
860-100214-2	South Laredo WWTP Influent	88								
LCS 570-569386/2-A	Lab Control Sample	117								
LCSD 570-569386/3-A	Lab Control Sample Dup	118								
MB 570-569386/1-A	Method Blank	83								

Surrogate Legend

TPTT = Tripentyltin

Method: 615 - Herbicides (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)								
		DCPAA1								
Lab Sample ID	Client Sample ID	(16-133)								
860-100214-1	South Laredo WWTP Effluent	71								
860-100214-2	South Laredo WWTP Influent	64								
LCS 400-708869/2-A	Lab Control Sample	78								
LCSD 400-708869/3-A	Lab Control Sample Dup	90								
MB 400-708869/1-A	Method Blank	71								

Surrogate Legend

DCPAA = 2,4-Dichlorophenylacetic acid

Method: EPA 608.3 - Organochlorine Pesticides in Water

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)								
		DCB2	TCX1							
Lab Sample ID	Client Sample ID	(43-143)	(20-138)							
860-100214-1	South Laredo WWTP Effluent	99	133							
860-100214-2	South Laredo WWTP Influent	120	77							
LCS 180-495598/2-A	Lab Control Sample	81	68							
LCSD 180-495598/3-A	Lab Control Sample Dup	83	68							
MB 180-495598/1-A	Method Blank	81	78							

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

Surrogate Summary

Client: City of Laredo
Job ID: 860-100214-1
Project/Site: Table II & III South Laredo

TCX = Tetrachloro-m-xylene

Method: EPA 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		TCX1	DCB1								
Lab Sample ID	Client Sample ID	(20-138)	(43-143)								
860-100214-1	South Laredo WWTP Effluent	159 S1+	89								
860-100214-2	South Laredo WWTP Influent	100	100								
LCS 180-495598/4-A	Lab Control Sample	110	105								
LCSD 180-495598/5-A	Lab Control Sample Dup	106	101								
MB 180-495598/1-A	Method Blank	122	119								

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)

DCB = DCB Decachlorobiphenyl (Surr)

Method: 1613B - Dioxins and Furans (HRGC/HRMS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		37TCDD									
Lab Sample ID	Client Sample ID	(35-197)									
860-100214-1	South Laredo WWTP Effluent	78									
860-100214-2	South Laredo WWTP Influent	74									
MB 320-852229/1-A	Method Blank	82									

Surrogate Legend

37TCDD = 37Cl4-2,3,7,8-TCDD

Method: 1613B - Dioxins and Furans (HRGC/HRMS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		37TCDD									
Lab Sample ID	Client Sample ID	(31-191)									
LCS 320-852229/2-A	Lab Control Sample	80									
LCSD 320-852229/3-A	Lab Control Sample Dup	83									

Surrogate Legend

37TCDD = 37Cl4-2,3,7,8-TCDD

Isotope Dilution Summary

Client: City of Laredo
Project/Site: Table II & III South Laredo

Job ID: 860-100214-1

Method: 1613B - Dioxins and Furans (HRGC/HRMS)

Matrix: Water **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		TCDD	TCDF	PeCDD	PeCDF	PeCF	HxCDD	HxDD	HxCDF
Lab Sample ID	Client Sample ID	(25-164)	(24-169)	(25-181)	(24-185)	(21-178)	(32-141)	(28-130)	(26-152)
860-100214-1	South Laredo WWTP Effluent	57	59	56	60	50	43 q	48	50
860-100214-2	South Laredo WWTP Influent	47	47	51	51	44	48	56	48
MB 320-852229/1-A	Method Blank	64	66	57	62	54	55	57	58

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		HxDF	HxCF	13CHxCF	HpCDD	HpCDF	HpCDF2	OCDD	OCDF
Lab Sample ID	Client Sample ID	(26-123)	(29-147)	(28-136)	(23-140)	(28-143)	(26-138)	(17-157)	(17-157)
860-100214-1	South Laredo WWTP Effluent	60	67	67	60	49	56	51	56
860-100214-2	South Laredo WWTP Influent	64	58	61	56	53	46	48	47
MB 320-852229/1-A	Method Blank	69	74	81	63	54	59	52	57

Surrogate Legend

TCDD = 13C-2,3,7,8-TCDD
TCDF = 13C-2,3,7,8-TCDF
PeCDD = 13C-1,2,3,7,8-PeCDD
PeCDF = 13C-1,2,3,7,8-PeCDF
PeCF = 13C-2,3,4,7,8-PeCDF
HxCDD = 13C-1,2,3,4,7,8-HxCDD
HxDD = 13C-1,2,3,6,7,8-HxCDD
HxCDF = 13C-1,2,3,4,7,8-HxCDF
HxDF = 13C-1,2,3,6,7,8-HxCDF
HxCF = 13C-1,2,3,7,8,9-HxCDF
13CHxCF = 13C-2,3,4,6,7,8-HxCDF
HpCDD = 13C-1,2,3,4,6,7,8-HpCDD
HpCDF = 13C-1,2,3,4,6,7,8-HpCDF
HpCDF2 = 13C-1,2,3,4,7,8,9-HpCDF
OCDD = 13C-OCDD
OCDF = 13C-OCDF

Method: 1613B - Dioxins and Furans (HRGC/HRMS)

Matrix: Water **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		TCDD	TCDF	PeCDD	PeCDF	PeCF	HxCDD	HxDD	HxCDF
Lab Sample ID	Client Sample ID	(20-175)	(22-152)	(21-227)	(21-192)	(13-328)	(21-193)	(25-163)	(19-202)
LCS 320-852229/2-A	Lab Control Sample	61	66	52	57	52	46	48	52
LCSD 320-852229/3-A	Lab Control Sample Dup	62	66	54	59	54	48	50	53

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		HxDF	HxCF	13CHxCF	HpCDD	HpCDF	HpCDF2	OCDD	OCDF
Lab Sample ID	Client Sample ID	(21-159)	(17-205)	(22-176)	(26-166)	(21-158)	(20-186)	(13-199)	(13-199)
LCS 320-852229/2-A	Lab Control Sample	59	64	66	52	46	49	44	48
LCSD 320-852229/3-A	Lab Control Sample Dup	62	66	66	51	49	48	44	49

Surrogate Legend

TCDD = 13C-2,3,7,8-TCDD
TCDF = 13C-2,3,7,8-TCDF
PeCDD = 13C-1,2,3,7,8-PeCDD
PeCDF = 13C-1,2,3,7,8-PeCDF
PeCF = 13C-2,3,4,7,8-PeCDF
HxCDD = 13C-1,2,3,4,7,8-HxCDD
HxDD = 13C-1,2,3,6,7,8-HxCDD

Isotope Dilution Summary

Client: City of Laredo
Job ID: 860-100214-1
Project/Site: Table II & III South Laredo

HxCDF = 13C-1,2,3,4,7,8-HxCDF
HxDF = 13C-1,2,3,6,7,8-HxCDF
HxCF = 13C-1,2,3,7,8,9-HxCDF
13CHxCF = 13C-2,3,4,6,7,8-HxCDF
HpCDD = 13C-1,2,3,4,6,7,8-HpCDD
HpCDF = 13C-1,2,3,4,6,7,8-HpCDF
HpCDF2 = 13C-1,2,3,4,7,8,9-HpCDF
OCDD = 13C-OCDD
OCDF = 13C-OCDF

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 860-234360/8
Matrix: Water
Analysis Batch: 234360

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	<11		50	11	ug/L			05/08/25 11:52	1
Acrylonitrile	<14		50	14	ug/L			05/08/25 11:52	1
Benzene	<0.46		1.0	0.46	ug/L			05/08/25 11:52	1
Dichlorobromomethane	<0.55		1.0	0.55	ug/L			05/08/25 11:52	1
Bromoform	<0.63		5.0	0.63	ug/L			05/08/25 11:52	1
Methyl bromide	<1.4		5.0	1.4	ug/L			05/08/25 11:52	1
Carbon tetrachloride	<0.90		2.0	0.90	ug/L			05/08/25 11:52	1
Chlorobenzene	<0.46		1.0	0.46	ug/L			05/08/25 11:52	1
Chloroethane	<2.0		10	2.0	ug/L			05/08/25 11:52	1
2-Chloroethyl vinyl ether	<0.75		5.0	0.75	ug/L			05/08/25 11:52	1
Chloroform	<0.46		1.0	0.46	ug/L			05/08/25 11:52	1
Methyl chloride	<2.0		10	2.0	ug/L			05/08/25 11:52	1
Chlorodibromomethane	<0.55		5.0	0.55	ug/L			05/08/25 11:52	1
1,2-Dibromoethane	<1.0		5.0	1.0	ug/L			05/08/25 11:52	1
1,1-Dichloroethylene	<0.74		1.0	0.74	ug/L			05/08/25 11:52	1
1,2-Dichloroethane	<0.37		1.0	0.37	ug/L			05/08/25 11:52	1
1,1-Dichloroethane	<0.64		1.0	0.64	ug/L			05/08/25 11:52	1
1,2-trans-Dichloroethylene	<0.37		1.0	0.37	ug/L			05/08/25 11:52	1
1,2-Dichloropropane	<0.56		5.0	0.56	ug/L			05/08/25 11:52	1
Ethylbenzene	<0.39		1.0	0.39	ug/L			05/08/25 11:52	1
Methylene Chloride	<1.7		5.0	1.7	ug/L			05/08/25 11:52	1
1,1,2,2-Tetrachloroethane	<0.47		1.0	0.47	ug/L			05/08/25 11:52	1
Tetrachloroethylene	<0.66		1.0	0.66	ug/L			05/08/25 11:52	1
Toluene	<0.48		1.0	0.48	ug/L			05/08/25 11:52	1
1,1,1-Trichloroethane	<0.59		5.0	0.59	ug/L			05/08/25 11:52	1
1,1,2-Trichloroethane	<0.41		1.0	0.41	ug/L			05/08/25 11:52	1
Trichloroethylene	<1.5		5.0	1.5	ug/L			05/08/25 11:52	1
Vinyl chloride	<0.43		2.0	0.43	ug/L			05/08/25 11:52	1
Methyl Ethyl Ketone	<8.3		50	8.3	ug/L			05/08/25 11:52	1
Methyl tert-butyl ether	<1.4		5.0	1.4	ug/L			05/08/25 11:52	1
Trihalomethanes, Total	<0.63		5.0	0.63	ug/L			05/08/25 11:52	1
1,3-Dichloropropylene	<1.3		5.0	1.3	ug/L			05/08/25 11:52	1
cis-1,3-Dichloropropene	<1.1		5.0	1.1	ug/L			05/08/25 11:52	1
trans-1,3-Dichloropropene	<1.3		5.0	1.3	ug/L			05/08/25 11:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*102*		*75 - 131*		*05/08/25 11:52*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*05/08/25 11:52*	*1*
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*		*05/08/25 11:52*	*1*

Lab Sample ID: LCS 860-234360/3
Matrix: Water
Analysis Batch: 234360

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acrolein	250	221		ug/L		88	60 - 140
Acrylonitrile	500	481		ug/L		96	60 - 140
Benzene	50.0	52.2		ug/L		104	75 - 125

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 860-234360/3
Matrix: Water
Analysis Batch: 234360

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorobromomethane	50.0	51.6		ug/L		103	75 - 125
Bromoform	50.0	44.7		ug/L		89	70 - 130
Methyl bromide	50.0	50.6		ug/L		101	60 - 140
Carbon tetrachloride	50.0	50.2		ug/L		100	70 - 125
Chlorobenzene	50.0	50.8		ug/L		102	82 - 135
Chloroethane	50.0	47.8		ug/L		96	60 - 140
2-Chloroethyl vinyl ether	50.0	50.9		ug/L		102	50 - 150
Chloroform	50.0	53.2		ug/L		106	70 - 121
Methyl chloride	50.0	46.2		ug/L		92	60 - 140
Chlorodibromomethane	50.0	47.5		ug/L		95	73 - 125
1,2-Dibromoethane	50.0	48.1		ug/L		96	73 - 125
1,1-Dichloroethylene	50.0	50.5		ug/L		101	50 - 150
1,2-Dichloroethane	50.0	50.5		ug/L		101	72 - 130
1,1-Dichloroethane	50.0	55.0		ug/L		110	71 - 130
1,2-trans-Dichloroethylene	50.0	52.2		ug/L		104	75 - 125
1,2-Dichloropropane	50.0	51.8		ug/L		104	74 - 125
Ethylbenzene	50.0	50.9		ug/L		102	75 - 125
Methylene Chloride	50.0	51.1		ug/L		102	71 - 125
1,1,2,2-Tetrachloroethane	50.0	45.4		ug/L		91	74 - 125
Tetrachloroethylene	50.0	50.8		ug/L		102	71 - 125
Toluene	50.0	50.6		ug/L		101	75 - 130
1,1,1-Trichloroethane	50.0	51.4		ug/L		103	70 - 130
1,1,2-Trichloroethane	50.0	48.4		ug/L		97	75 - 130
Trichloroethylene	50.0	51.8		ug/L		104	75 - 135
Vinyl chloride	50.0	48.7		ug/L		97	60 - 140
Methyl Ethyl Ketone	250	222		ug/L		89	60 - 140
Methyl tert-butyl ether	50.0	49.1		ug/L		98	65 - 135
cis-1,3-Dichloropropene	50.0	51.3		ug/L		103	74 - 125
trans-1,3-Dichloropropene	50.0	48.1		ug/L		96	66 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*102*		*75 - 131*
Toluene-d8 (Surr)	*98*		*80 - 120*
4-Bromofluorobenzene (Surr)	*95*		*74 - 124*

Lab Sample ID: LCSD 860-234360/4
Matrix: Water
Analysis Batch: 234360

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
Acrolein	250	219		ug/L		88	60 - 140	1	25
Acrylonitrile	500	477		ug/L		95	60 - 140	1	25
Benzene	50.0	51.5		ug/L		103	75 - 125	1	25
Dichlorobromomethane	50.0	51.4		ug/L		103	75 - 125	0	25
Bromoform	50.0	46.3		ug/L		93	70 - 130	4	25
Methyl bromide	50.0	48.4		ug/L		97	60 - 140	5	25
Carbon tetrachloride	50.0	48.7		ug/L		97	70 - 125	3	25
Chlorobenzene	50.0	50.5		ug/L		101	82 - 135	1	25

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 860-234360/4
Matrix: Water
Analysis Batch: 234360

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
Chloroethane	50.0	46.3		ug/L		93	60 - 140	3	25
2-Chloroethyl vinyl ether	50.0	48.0		ug/L		96	50 - 150	6	25
Chloroform	50.0	52.0		ug/L		104	70 - 121	2	25
Methyl chloride	50.0	44.9		ug/L		90	60 - 140	3	25
Chlorodibromomethane	50.0	47.8		ug/L		96	73 - 125	1	25
1,2-Dibromoethane	50.0	48.7		ug/L		97	73 - 125	1	25
1,1-Dichloroethylene	50.0	47.4		ug/L		95	50 - 150	6	25
1,2-Dichloroethane	50.0	49.9		ug/L		100	72 - 130	1	25
1,1-Dichloroethane	50.0	50.7		ug/L		101	71 - 130	8	25
1,2-trans-Dichloroethylene	50.0	50.1		ug/L		100	75 - 125	4	25
1,2-Dichloropropane	50.0	51.0		ug/L		102	74 - 125	2	25
Ethylbenzene	50.0	50.6		ug/L		101	75 - 125	1	25
Methylene Chloride	50.0	50.0		ug/L		100	71 - 125	2	25
1,1,2,2-Tetrachloroethane	50.0	48.1		ug/L		96	74 - 125	6	25
Tetrachloroethylene	50.0	51.6		ug/L		103	71 - 125	2	25
Toluene	50.0	50.4		ug/L		101	75 - 130	0	25
1,1,1-Trichloroethane	50.0	50.3		ug/L		101	70 - 130	2	25
1,1,2-Trichloroethane	50.0	49.0		ug/L		98	75 - 130	1	25
Trichloroethylene	50.0	50.7		ug/L		101	75 - 135	2	25
Vinyl chloride	50.0	46.9		ug/L		94	60 - 140	4	25
Methyl Ethyl Ketone	250	238		ug/L		95	60 - 140	7	25
Methyl tert-butyl ether	50.0	47.8		ug/L		96	65 - 135	3	25
cis-1,3-Dichloropropene	50.0	50.0		ug/L		100	74 - 125	2	25
trans-1,3-Dichloropropene	50.0	47.6		ug/L		95	66 - 125	1	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*99*		*75 - 131*
Toluene-d8 (Surr)	*98*		*80 - 120*
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*

Method: 625.1 - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 860-234647/1-A
Matrix: Water
Analysis Batch: 234861

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 234647

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nonylphenol	<0.010		0.010	0.010	mg/L		05/09/25 05:16	05/09/25 18:52	1
Bisphenol-A	<0.010		0.010	0.010	mg/L		05/09/25 05:16	05/09/25 18:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*77*		*31 - 132*	*05/09/25 05:16*	*05/09/25 18:52*	*1*
2-Fluorobiphenyl (Surr)	*117*	*S1+*	*29 - 112*	*05/09/25 05:16*	*05/09/25 18:52*	*1*
2-Fluorophenol (Surr)	*100*		*28 - 114*	*05/09/25 05:16*	*05/09/25 18:52*	*1*
Nitrobenzene-d5 (Surr)	*112*		*15 - 314*	*05/09/25 05:16*	*05/09/25 18:52*	*1*
p-Terphenyl-d14 (Surr)	*125*		*20 - 141*	*05/09/25 05:16*	*05/09/25 18:52*	*1*
Phenol-d5 (Surr)	*85*		*8 - 424*	*05/09/25 05:16*	*05/09/25 18:52*	*1*

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 860-234647/2-A
Matrix: Water
Analysis Batch: 234861

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 234647

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Bisphenol-A			0.0400	0.0379		mg/L		95	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*105*		*31 - 132*
2-Fluorobiphenyl (Surr)	*107*		*29 - 112*
2-Fluorophenol (Surr)	*97*		*28 - 114*
Nitrobenzene-d5 (Surr)	*111*		*15 - 314*
p-Terphenyl-d14 (Surr)	*116*		*20 - 141*
Phenol-d5 (Surr)	*87*		*8 - 424*

Lab Sample ID: LCSD 860-234647/3-A
Matrix: Water
Analysis Batch: 234861

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 234647

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bisphenol-A			0.0400	0.0404		mg/L		101	70 - 130	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*111*		*31 - 132*
2-Fluorobiphenyl (Surr)	*114*	*S1+*	*29 - 112*
2-Fluorophenol (Surr)	*109*		*28 - 114*
Nitrobenzene-d5 (Surr)	*123*		*15 - 314*
p-Terphenyl-d14 (Surr)	*120*		*20 - 141*
Phenol-d5 (Surr)	*98*		*8 - 424*

Method: D7065-11 - Determination of Nonylphenols

Lab Sample ID: MB 280-695445/1-A
Matrix: Water
Analysis Batch: 695721

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 695445

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nonylphenol	<2.5		5.0	2.5	ug/L		05/12/25 10:12	05/13/25 15:26	1
Bisphenol-A	<1.1		2.1	1.1	ug/L		05/12/25 10:12	05/13/25 15:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-nonylphenol (Surr)	*77*		*58 - 115*	*05/12/25 10:12*	*05/13/25 15:26*	*1*

Lab Sample ID: LCS 280-695445/2-A
Matrix: Water
Analysis Batch: 695721

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 695445

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Nonylphenol			51.3	44.6		ug/L		87	46 - 133		
Bisphenol-A			10.2	8.14		ug/L		80	39 - 139		

Method: D7065-11 - Determination of Nonylphenols (Continued)

Lab Sample ID: LCS 280-695445/2-A
Matrix: Water
Analysis Batch: 695721

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 695445

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-nonylphenol (Surr)	*91*		*58 - 115*

Lab Sample ID: LCSD 280-695445/3-A
Matrix: Water
Analysis Batch: 695721

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 695445

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nonylphenol			51.3	44.8		ug/L		87	46 - 133	1	34
Bisphenol-A			10.2	8.25		ug/L		81	39 - 139	1	28

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-nonylphenol (Surr)	*89*		*58 - 115*

Method: Organotins SIM - Organotins (GC/MS SIM)

Lab Sample ID: MB 570-569386/1-A
Matrix: Water
Analysis Batch: 570033

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 569386

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tributyltin	<1.5		3.0	1.5	ng/L		05/10/25 07:30	05/12/25 13:48	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tripentyltin	*83*		*10 - 120*	*05/10/25 07:30*	*05/12/25 13:48*	*1*

Lab Sample ID: LCS 570-569386/2-A
Matrix: Water
Analysis Batch: 570033

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 569386

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Tributyltin			178	205		ng/L		115	10 - 120		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tripentyltin	*117*		*10 - 120*

Lab Sample ID: LCSD 570-569386/3-A
Matrix: Water
Analysis Batch: 570033

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 569386

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Tributyltin			178	249	*+	ng/L		140	10 - 120	19	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Tripentyltin	*118*		*10 - 120*

Method: 615 - Herbicides (GC)

Lab Sample ID: MB 400-708869/1-A
Matrix: Water
Analysis Batch: 708953

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 708869

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-TP (Silvex)	<1.5		2.0	1.5	ug/L		05/12/25 11:21	05/13/25 14:59	1
2,4-D	<1.3		10	1.3	ug/L		05/12/25 11:21	05/13/25 14:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*71*		*16 - 133*	*05/12/25 11:21*	*05/13/25 14:59*	*1*

Lab Sample ID: LCS 400-708869/2-A
Matrix: Water
Analysis Batch: 708953

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 708869

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
2,4,5-TP (Silvex)			10.1	7.28		ug/L		72	25 - 141		
2,4-D			10.0	8.60	J	ug/L		86	27 - 137		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*78*		*16 - 133*

Lab Sample ID: LCSD 400-708869/3-A
Matrix: Water
Analysis Batch: 708953

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 708869

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,5-TP (Silvex)			10.1	7.67		ug/L		76	25 - 141	5	50
2,4-D			10.0	9.12	J	ug/L		91	27 - 137	6	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*90*		*16 - 133*

Method: 8015D - Glycols- Direct Injection (GC/FID)

Lab Sample ID: MB 860-234704/8
Matrix: Water
Analysis Batch: 234704

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene glycol	<1.2		5.0	1.2	mg/L			05/09/25 10:35	1

Lab Sample ID: LCS 860-234704/4
Matrix: Water
Analysis Batch: 234704

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ethylene glycol			50.2	63.0		mg/L		125	71 - 132		

Method: 8015D - Glycols- Direct Injection (GC/FID) (Continued)

Lab Sample ID: LCSD 860-234704/5
Matrix: Water
Analysis Batch: 234704

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
Ethylene glycol			50.2	64.1		mg/L		128	71 - 132	2	30

Lab Sample ID: MB 860-235054/11
Matrix: Water
Analysis Batch: 235054

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene glycol	<1.2		5.0	1.2	mg/L			05/12/25 10:58	1

Lab Sample ID: LCS 860-235054/9
Matrix: Water
Analysis Batch: 235054

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ethylene glycol			50.2	64.7		mg/L		129	71 - 132		

Lab Sample ID: LCSD 860-235054/5
Matrix: Water
Analysis Batch: 235054

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
Ethylene glycol			50.2	64.9		mg/L		129	71 - 132	0	30

Method: EPA 608.3 - Organochlorine Pesticides in Water

Lab Sample ID: MB 180-495598/1-A
Matrix: Water
Analysis Batch: 495662

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 495598

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.00053		0.0013	0.00053	ug/L		05/11/25 18:32	05/12/25 18:48	1
4,4'-DDE	<0.00030		0.0013	0.00030	ug/L		05/11/25 18:32	05/12/25 18:48	1
4,4'-DDT	<0.00069		0.0013	0.00069	ug/L		05/11/25 18:32	05/12/25 18:48	1
Aldrin	<0.00036		0.0013	0.00036	ug/L		05/11/25 18:32	05/12/25 18:48	1
alpha-BHC	<0.00024		0.0013	0.00024	ug/L		05/11/25 18:32	05/12/25 18:48	1
beta-BHC	<0.00037		0.0013	0.00037	ug/L		05/11/25 18:32	05/12/25 18:48	1
Chlordane (technical)	<0.0073		0.013	0.0073	ug/L		05/11/25 18:32	05/12/25 18:48	1
cis-Chlordane	<0.00037		0.0013	0.00037	ug/L		05/11/25 18:32	05/12/25 18:48	1
delta-BHC	<0.00064		0.0013	0.00064	ug/L		05/11/25 18:32	05/12/25 18:48	1
Dieldrin	<0.00027		0.0013	0.00027	ug/L		05/11/25 18:32	05/12/25 18:48	1
Endosulfan I	<0.00069		0.0013	0.00069	ug/L		05/11/25 18:32	05/12/25 18:48	1
Endosulfan II	<0.00032		0.0013	0.00032	ug/L		05/11/25 18:32	05/12/25 18:48	1
Endosulfan sulfate	<0.00064		0.0013	0.00064	ug/L		05/11/25 18:32	05/12/25 18:48	1
Endrin	<0.00023		0.0013	0.00023	ug/L		05/11/25 18:32	05/12/25 18:48	1
Endrin aldehyde	<0.00052		0.0013	0.00052	ug/L		05/11/25 18:32	05/12/25 18:48	1
Endrin ketone	<0.00040		0.0013	0.00040	ug/L		05/11/25 18:32	05/12/25 18:48	1
gamma-BHC (Lindane)	<0.00029		0.0013	0.00029	ug/L		05/11/25 18:32	05/12/25 18:48	1
Heptachlor	<0.00045		0.0013	0.00045	ug/L		05/11/25 18:32	05/12/25 18:48	1
Heptachlor epoxide	<0.00034		0.0013	0.00034	ug/L		05/11/25 18:32	05/12/25 18:48	1
Methoxychlor	<0.00078		0.0013	0.00078	ug/L		05/11/25 18:32	05/12/25 18:48	1

Method: EPA 608.3 - Organochlorine Pesticides in Water (Continued)

Lab Sample ID: MB 180-495598/1-A
Matrix: Water
Analysis Batch: 495662

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 495598

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mirex	<0.00047		0.0013	0.00047	ug/L		05/11/25 18:32	05/12/25 18:48	1
Toxaphene	<0.049		0.10	0.049	ug/L		05/11/25 18:32	05/12/25 18:48	1
trans-Chlordane	<0.00041		0.0013	0.00041	ug/L		05/11/25 18:32	05/12/25 18:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*81*		*43 - 143*	*05/11/25 18:32*	*05/12/25 18:48*	*1*
Tetrachloro-m-xylene	*78*		*20 - 138*	*05/11/25 18:32*	*05/12/25 18:48*	*1*

Lab Sample ID: LCS 180-495598/2-A
Matrix: Water
Analysis Batch: 495662

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 495598

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
4,4'-DDD			0.0250	0.0183		ug/L		73	31 - 141		
4,4'-DDE			0.0250	0.0181		ug/L		72	30 - 145		
4,4'-DDT			0.0250	0.0206		ug/L		83	25 - 150		
Aldrin			0.0250	0.0190		ug/L		76	42 - 140		
alpha-BHC			0.0250	0.0180		ug/L		72	37 - 140		
beta-BHC			0.0250	0.0178		ug/L		71	17 - 147		
cis-Chlordane			0.0250	0.0187		ug/L		75	45 - 140		
delta-BHC			0.0250	0.0121		ug/L		49	19 - 140		
Dieldrin			0.0250	0.0202		ug/L		81	36 - 146		
Endosulfan I			0.0250	0.0180		ug/L		72	45 - 150		
Endosulfan II			0.0250	0.0197		ug/L		79	10 - 150		
Endosulfan sulfate			0.0250	0.0186		ug/L		75	26 - 144		
Endrin			0.0250	0.0207		ug/L		83	30 - 147		
Endrin aldehyde			0.0250	0.0210		ug/L		84	39 - 113		
Endrin ketone			0.0250	0.0214		ug/L		86	61 - 114		
gamma-BHC (Lindane)			0.0250	0.0188		ug/L		75	32 - 140		
Heptachlor			0.0250	0.0200		ug/L		80	34 - 140		
Heptachlor epoxide			0.0250	0.0192		ug/L		77	37 - 142		
Methoxychlor			0.0250	0.0209		ug/L		84	37 - 118		
trans-Chlordane			0.0250	0.0205		ug/L		82	45 - 140		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*81*		*43 - 143*
Tetrachloro-m-xylene	*68*		*20 - 138*

Lab Sample ID: LCSD 180-495598/3-A
Matrix: Water
Analysis Batch: 495662

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 495598

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD			0.0250	0.0197		ug/L		79	31 - 141	8	35
4,4'-DDE			0.0250	0.0180		ug/L		72	30 - 145	0	35
4,4'-DDT			0.0250	0.0209		ug/L		83	25 - 150	1	35
Aldrin			0.0250	0.0200		ug/L		80	42 - 140	5	35
alpha-BHC			0.0250	0.0186		ug/L		74	37 - 140	3	35

Method: EPA 608.3 - Organochlorine Pesticides in Water (Continued)

Lab Sample ID: LCSD 180-495598/3-A
Matrix: Water
Analysis Batch: 495662

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 495598

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
beta-BHC			0.0250	0.0162		ug/L		65	17 - 147	9	35
cis-Chlordane			0.0250	0.0195		ug/L		78	45 - 140	4	35
delta-BHC			0.0250	0.0114		ug/L		46	19 - 140	6	35
Dieldrin			0.0250	0.0210		ug/L		84	36 - 146	4	35
Endosulfan I			0.0250	0.0184		ug/L		74	45 - 150	2	28
Endosulfan II			0.0250	0.0199		ug/L		80	10 - 150	1	35
Endosulfan sulfate			0.0250	0.0180		ug/L		72	26 - 144	4	35
Endrin			0.0250	0.0227		ug/L		91	30 - 147	9	35
Endrin aldehyde			0.0250	0.0197		ug/L		79	39 - 113	7	20
Endrin ketone			0.0250	0.0212		ug/L		85	61 - 114	1	26
gamma-BHC (Lindane)			0.0250	0.0186		ug/L		74	32 - 140	1	35
Heptachlor			0.0250	0.0213		ug/L		85	34 - 140	6	35
Heptachlor epoxide			0.0250	0.0201		ug/L		80	37 - 142	4	26
Methoxychlor			0.0250	0.0206		ug/L		82	37 - 118	2	15
trans-Chlordane			0.0250	0.0206		ug/L		82	45 - 140	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*83*		*43 - 143*
Tetrachloro-m-xylene	*68*		*20 - 138*

Method: EPA 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Lab Sample ID: MB 180-495598/1-A
Matrix: Water
Analysis Batch: 495615

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 495598

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0048		0.010	0.0048	ug/L		05/11/25 18:32	05/12/25 10:25	1
PCB-1221	<0.0057		0.010	0.0057	ug/L		05/11/25 18:32	05/12/25 10:25	1
PCB-1232	<0.0052		0.010	0.0052	ug/L		05/11/25 18:32	05/12/25 10:25	1
PCB-1242	<0.0091		0.010	0.0091	ug/L		05/11/25 18:32	05/12/25 10:25	1
PCB-1248	<0.0030		0.010	0.0030	ug/L		05/11/25 18:32	05/12/25 10:25	1
PCB-1254	<0.0095		0.010	0.0095	ug/L		05/11/25 18:32	05/12/25 10:25	1
PCB-1260	<0.0039		0.010	0.0039	ug/L		05/11/25 18:32	05/12/25 10:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*122*		*20 - 138*	*05/11/25 18:32*	*05/12/25 10:25*	*1*
DCB Decachlorobiphenyl (Surr)	*119*		*43 - 143*	*05/11/25 18:32*	*05/12/25 10:25*	*1*

Lab Sample ID: LCS 180-495598/4-A
Matrix: Water
Analysis Batch: 495615

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 495598

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			1.00	1.03		ug/L		103	50 - 140		
PCB-1260			1.00	0.933		ug/L		93	10 - 140		

Method: EPA 608.3 - Polychlorinated Biphenyls (PCBs) (GC) (Continued)

Lab Sample ID: LCS 180-495598/4-A
Matrix: Water
Analysis Batch: 495615

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 495598

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*110*		*20 - 138*
DCB Decachlorobiphenyl (Surr)	*105*		*43 - 143*

Lab Sample ID: LCSD 180-495598/5-A
Matrix: Water
Analysis Batch: 495615

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 495598

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016			1.00	1.00		ug/L		100	50 - 140	3	35
PCB-1260			1.00	0.898		ug/L		90	10 - 140	4	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*106*		*20 - 138*
DCB Decachlorobiphenyl (Surr)	*101*		*43 - 143*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-234059/3
Matrix: Water
Analysis Batch: 234059

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	<39		100	39	ug/L			05/07/25 10:29	1

Lab Sample ID: LCS 860-234059/4
Matrix: Water
Analysis Batch: 234059

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate as N			10000	10900		ug/L		109	90 - 110		

Lab Sample ID: LCSD 860-234059/5
Matrix: Water
Analysis Batch: 234059

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
Nitrate as N			10000	10700		ug/L		107	90 - 110	2	20

Lab Sample ID: LLCS 860-234059/6
Matrix: Water
Analysis Batch: 234059

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

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate as N			100	85.4	J	ug/L		85	50 - 150		

Method: 1613B - Dioxins and Furans (HRGC/HRMS)

Lab Sample ID: MB 320-852229/1-A
Matrix: Water
Analysis Batch: 853801

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 852229

Analyte	MB Result	MB Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	<0.20		10	0.20	pg/L		05/16/25 07:39	05/23/25 18:09	1
2,3,7,8-TCDF	<0.16		10	0.16	pg/L		05/16/25 07:39	05/23/25 18:09	1
1,2,3,7,8-PeCDD	<0.22		50	0.22	pg/L		05/16/25 07:39	05/23/25 18:09	1
1,2,3,7,8-PeCDF	<0.17		50	0.17	pg/L		05/16/25 07:39	05/23/25 18:09	1
2,3,4,7,8-PeCDF	<0.16		50	0.16	pg/L		05/16/25 07:39	05/23/25 18:09	1
1,2,3,4,7,8-HxCDD	<0.24		50	0.24	pg/L		05/16/25 07:39	05/23/25 18:09	1
1,2,3,6,7,8-HxCDD	<0.23		50	0.23	pg/L		05/16/25 07:39	05/23/25 18:09	1
1,2,3,7,8,9-HxCDD	<0.22		50	0.22	pg/L		05/16/25 07:39	05/23/25 18:09	1
1,2,3,4,7,8-HxCDF	<0.18		50	0.18	pg/L		05/16/25 07:39	05/23/25 18:09	1
1,2,3,6,7,8-HxCDF	<0.14		50	0.14	pg/L		05/16/25 07:39	05/23/25 18:09	1
1,2,3,7,8,9-HxCDF	<0.15		50	0.15	pg/L		05/16/25 07:39	05/23/25 18:09	1
2,3,4,6,7,8-HxCDF	<0.12		50	0.12	pg/L		05/16/25 07:39	05/23/25 18:09	1
1,2,3,4,6,7,8-HpCDD	4.91	J q	50	0.18	pg/L		05/16/25 07:39	05/23/25 18:09	1
1,2,3,4,6,7,8-HpCDF	<0.17		50	0.17	pg/L		05/16/25 07:39	05/23/25 18:09	1
1,2,3,4,7,8,9-HpCDF	<0.19		50	0.19	pg/L		05/16/25 07:39	05/23/25 18:09	1
OCDD	55.9	J	100	0.83	pg/L		05/16/25 07:39	05/23/25 18:09	1
OCDF	3.80	J q	100	0.28	pg/L		05/16/25 07:39	05/23/25 18:09	1
Total TCDD	<0.35		10	0.35	pg/L		05/16/25 07:39	05/23/25 18:09	1
Total TCDF	<0.47		10	0.47	pg/L		05/16/25 07:39	05/23/25 18:09	1
Total PeCDD	<0.22		50	0.22	pg/L		05/16/25 07:39	05/23/25 18:09	1
Total PeCDF	<0.18		50	0.18	pg/L		05/16/25 07:39	05/23/25 18:09	1
Total HxCDD	<0.92		50	0.92	pg/L		05/16/25 07:39	05/23/25 18:09	1
Total HxCDF	<2.6		50	2.6	pg/L		05/16/25 07:39	05/23/25 18:09	1
Total HpCDD	7.17	J q	50	0.18	pg/L		05/16/25 07:39	05/23/25 18:09	1
Total HpCDF	<0.89		50	0.89	pg/L		05/16/25 07:39	05/23/25 18:09	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-2,3,7,8-TCDD	*64*		*25 - 164*	*05/16/25 07:39*	*05/23/25 18:09*	*1*
13C-2,3,7,8-TCDF	*66*		*24 - 169*	*05/16/25 07:39*	*05/23/25 18:09*	*1*
13C-1,2,3,7,8-PeCDD	*57*		*25 - 181*	*05/16/25 07:39*	*05/23/25 18:09*	*1*
13C-1,2,3,7,8-PeCDF	*62*		*24 - 185*	*05/16/25 07:39*	*05/23/25 18:09*	*1*
13C-2,3,4,7,8-PeCDF	*54*		*21 - 178*	*05/16/25 07:39*	*05/23/25 18:09*	*1*
13C-1,2,3,4,7,8-HxCDD	*55*		*32 - 141*	*05/16/25 07:39*	*05/23/25 18:09*	*1*
13C-1,2,3,6,7,8-HxCDD	*57*		*28 - 130*	*05/16/25 07:39*	*05/23/25 18:09*	*1*
13C-1,2,3,4,7,8-HxCDF	*58*		*26 - 152*	*05/16/25 07:39*	*05/23/25 18:09*	*1*
13C-1,2,3,6,7,8-HxCDF	*69*		*26 - 123*	*05/16/25 07:39*	*05/23/25 18:09*	*1*
13C-1,2,3,7,8,9-HxCDF	*74*		*29 - 147*	*05/16/25 07:39*	*05/23/25 18:09*	*1*
13C-2,3,4,6,7,8-HxCDF	*81*		*28 - 136*	*05/16/25 07:39*	*05/23/25 18:09*	*1*
13C-1,2,3,4,6,7,8-HpCDD	*63*		*23 - 140*	*05/16/25 07:39*	*05/23/25 18:09*	*1*
13C-1,2,3,4,6,7,8-HpCDF	*54*		*28 - 143*	*05/16/25 07:39*	*05/23/25 18:09*	*1*
13C-1,2,3,4,7,8,9-HpCDF	*59*		*26 - 138*	*05/16/25 07:39*	*05/23/25 18:09*	*1*
13C-OCDD	*52*		*17 - 157*	*05/16/25 07:39*	*05/23/25 18:09*	*1*
13C-OCDF	*57*		*17 - 157*	*05/16/25 07:39*	*05/23/25 18:09*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
37Cl4-2,3,7,8-TCDD	*82*		*35 - 197*	*05/16/25 07:39*	*05/23/25 18:09*	*1*

Method: 1613B - Dioxins and Furans (HRGC/HRMS) (Continued)

Lab Sample ID: LCS 320-852229/2-A
Matrix: Water
Analysis Batch: 853801

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 852229

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
2,3,7,8-TCDD			200	234		pg/L		117	67 - 158		
2,3,7,8-TCDF			200	225		pg/L		112	75 - 158		
1,2,3,7,8-PeCDD			1000	1100		pg/L		110	70 - 142		
1,2,3,7,8-PeCDF			1000	1070		pg/L		107	80 - 134		
2,3,4,7,8-PeCDF			1000	1170		pg/L		117	68 - 160		
1,2,3,4,7,8-HxCDD			1000	1220		pg/L		122	70 - 164		
1,2,3,6,7,8-HxCDD			1000	1270		pg/L		127	76 - 134		
1,2,3,7,8,9-HxCDD			1000	1320		pg/L		132	64 - 162		
1,2,3,4,7,8-HxCDF			1000	1220		pg/L		122	72 - 134		
1,2,3,6,7,8-HxCDF			1000	1050		pg/L		105	84 - 130		
1,2,3,7,8,9-HxCDF			1000	1050		pg/L		105	78 - 130		
2,3,4,6,7,8-HxCDF			1000	1060		pg/L		106	70 - 156		
1,2,3,4,6,7,8-HpCDD			1000	1050		pg/L		105	70 - 140		
1,2,3,4,6,7,8-HpCDF			1000	1200		pg/L		120	82 - 122		
1,2,3,4,7,8,9-HpCDF			1000	1210		pg/L		121	78 - 138		
OCDD			2000	2210		pg/L		110	78 - 144		
OCDF			2000	2200		pg/L		110	63 - 170		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C-2,3,7,8-TCDD	*61*		*20 - 175*
13C-2,3,7,8-TCDF	*66*		*22 - 152*
13C-1,2,3,7,8-PeCDD	*52*		*21 - 227*
13C-1,2,3,7,8-PeCDF	*57*		*21 - 192*
13C-2,3,4,7,8-PeCDF	*52*		*13 - 328*
13C-1,2,3,4,7,8-HxCDD	*46*		*21 - 193*
13C-1,2,3,6,7,8-HxCDD	*48*		*25 - 163*
13C-1,2,3,4,7,8-HxCDF	*52*		*19 - 202*
13C-1,2,3,6,7,8-HxCDF	*59*		*21 - 159*
13C-1,2,3,7,8,9-HxCDF	*64*		*17 - 205*
13C-2,3,4,6,7,8-HxCDF	*66*		*22 - 176*
13C-1,2,3,4,6,7,8-HpCDD	*52*		*26 - 166*
13C-1,2,3,4,6,7,8-HpCDF	*46*		*21 - 158*
13C-1,2,3,4,7,8,9-HpCDF	*49*		*20 - 186*
13C-OCDD	*44*		*13 - 199*
13C-OCDF	*48*		*13 - 199*

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
37Cl4-2,3,7,8-TCDD	*80*		*31 - 191*

Lab Sample ID: LCSD 320-852229/3-A
Matrix: Water
Analysis Batch: 853801

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 852229

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,3,7,8-TCDD			200	223		pg/L		111	67 - 158	5	50
2,3,7,8-TCDF			200	216		pg/L		108	75 - 158	4	50
1,2,3,7,8-PeCDD			1000	1070		pg/L		107	70 - 142	3	50
1,2,3,7,8-PeCDF			1000	1030		pg/L		103	80 - 134	4	50

Method: 1613B - Dioxins and Furans (HRGC/HRMS) (Continued)

Lab Sample ID: LCSD 320-852229/3-A
Matrix: Water
Analysis Batch: 853801

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 852229

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,3,4,7,8-PeCDF			1000	1210		pg/L		121	68 - 160	4	50
1,2,3,4,7,8-HxCDD			1000	1190		pg/L		119	70 - 164	2	50
1,2,3,6,7,8-HxCDD			1000	1230		pg/L		123	76 - 134	3	50
1,2,3,7,8,9-HxCDD			1000	1270		pg/L		127	64 - 162	4	50
1,2,3,4,7,8-HxCDF			1000	1260		pg/L		126	72 - 134	3	50
1,2,3,6,7,8-HxCDF			1000	1060		pg/L		106	84 - 130	1	50
1,2,3,7,8,9-HxCDF			1000	1040		pg/L		104	78 - 130	1	50
2,3,4,6,7,8-HxCDF			1000	1070		pg/L		107	70 - 156	0	50
1,2,3,4,6,7,8-HpCDD			1000	1080		pg/L		108	70 - 140	2	50
1,2,3,4,6,7,8-HpCDF			1000	1150		pg/L		115	82 - 122	5	50
1,2,3,4,7,8,9-HpCDF			1000	1220		pg/L		122	78 - 138	1	50
OCDD			2000	2150		pg/L		108	78 - 144	3	50
OCDF			2000	2230		pg/L		112	63 - 170	2	50

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
13C-2,3,7,8-TCDD	*62*		*20 - 175*
13C-2,3,7,8-TCDF	*66*		*22 - 152*
13C-1,2,3,7,8-PeCDD	*54*		*21 - 227*
13C-1,2,3,7,8-PeCDF	*59*		*21 - 192*
13C-2,3,4,7,8-PeCDF	*54*		*13 - 328*
13C-1,2,3,4,7,8-HxCDD	*48*		*21 - 193*
13C-1,2,3,6,7,8-HxCDD	*50*		*25 - 163*
13C-1,2,3,4,7,8-HxCDF	*53*		*19 - 202*
13C-1,2,3,6,7,8-HxCDF	*62*		*21 - 159*
13C-1,2,3,7,8,9-HxCDF	*66*		*17 - 205*
13C-2,3,4,6,7,8-HxCDF	*66*		*22 - 176*
13C-1,2,3,4,6,7,8-HpCDD	*51*		*26 - 166*
13C-1,2,3,4,6,7,8-HpCDF	*49*		*21 - 158*
13C-1,2,3,4,7,8,9-HpCDF	*48*		*20 - 186*
13C-OCDD	*44*		*13 - 199*
13C-OCDF	*49*		*13 - 199*

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
37Cl4-2,3,7,8-TCDD	*83*		*31 - 191*

Method: 1631E - Mercury, Low Level (CVAFS)

Lab Sample ID: MB 240-655661/1-A
Matrix: Water
Analysis Batch: 655878

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 655661

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00014		0.00050	0.00014	ug/L		05/12/25 12:00	05/13/25 09:30	1

Method: 1631E - Mercury, Low Level (CVAFS) (Continued)

Lab Sample ID: LCS 240-655661/2-A
Matrix: Water
Analysis Batch: 655878

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 655661

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00500	0.00434		ug/L		87	77 - 123

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 860-234489/1-A
Matrix: Water
Analysis Batch: 234707

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 234489

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.00035		0.0020	0.00035	mg/L		05/08/25 14:30	05/08/25 21:10	1
Aluminum	<0.0030		0.020	0.0030	mg/L		05/08/25 14:30	05/08/25 21:10	1
Arsenic	<0.00093		0.0040	0.00093	mg/L		05/08/25 14:30	05/08/25 21:10	1
Barium	<0.00095		0.0040	0.00095	mg/L		05/08/25 14:30	05/08/25 21:10	1
Beryllium	<0.00038		0.0020	0.00038	mg/L		05/08/25 14:30	05/08/25 21:10	1
Cadmium	<0.00026		0.0020	0.00026	mg/L		05/08/25 14:30	05/08/25 21:10	1
Chromium	<0.00089		0.0040	0.00089	mg/L		05/08/25 14:30	05/08/25 21:10	1
Copper	<0.00069		0.0040	0.00069	mg/L		05/08/25 14:30	05/08/25 21:10	1
Nickel	<0.00049		0.0020	0.00049	mg/L		05/08/25 14:30	05/08/25 21:10	1
Lead	<0.00037		0.0020	0.00037	mg/L		05/08/25 14:30	05/08/25 21:10	1
Selenium	<0.00069		0.0020	0.00069	mg/L		05/08/25 14:30	05/08/25 21:10	1
Thallium	<0.00022		0.0020	0.00022	mg/L		05/08/25 14:30	05/08/25 21:10	1
Zinc	<0.00089		0.0040	0.00089	mg/L		05/08/25 14:30	05/08/25 21:10	1

Lab Sample ID: MB 860-234489/1-A
Matrix: Water
Analysis Batch: 234781

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 234489

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0011		0.0020	0.0011	mg/L		05/08/25 14:30	05/09/25 11:48	1

Lab Sample ID: LCS 860-234489/2-A
Matrix: Water
Analysis Batch: 234707

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 234489

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	0.0500	0.0482		mg/L		96	85 - 115
Aluminum	0.500	0.537		mg/L		107	85 - 115
Arsenic	0.100	0.0956		mg/L		96	85 - 115
Barium	0.100	0.0982		mg/L		98	85 - 115
Beryllium	0.100	0.106		mg/L		106	85 - 115
Cadmium	0.100	0.0951		mg/L		95	85 - 115
Chromium	0.100	0.0958		mg/L		96	85 - 115
Copper	0.100	0.0956		mg/L		96	85 - 115
Nickel	0.100	0.0953		mg/L		95	85 - 115
Lead	0.100	0.0962		mg/L		96	85 - 115
Selenium	0.100	0.0964		mg/L		96	85 - 115
Thallium	0.100	0.0946		mg/L		95	85 - 115
Zinc	0.100	0.0971		mg/L		97	85 - 115

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 860-234489/2-A
Matrix: Water
Analysis Batch: 234781

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 234489

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.0946		mg/L		95	85 - 115

Lab Sample ID: LCSD 860-234489/3-A
Matrix: Water
Analysis Batch: 234707

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 234489

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Silver	0.0500	0.0484		mg/L		97	85 - 115	0	20
Aluminum	0.500	0.528		mg/L		106	85 - 115	2	20
Arsenic	0.100	0.0960		mg/L		96	85 - 115	0	20
Barium	0.100	0.0985		mg/L		99	85 - 115	0	20
Beryllium	0.100	0.104		mg/L		104	85 - 115	1	20
Cadmium	0.100	0.0960		mg/L		96	85 - 115	1	20
Chromium	0.100	0.0958		mg/L		96	85 - 115	0	20
Copper	0.100	0.0958		mg/L		96	85 - 115	0	20
Nickel	0.100	0.0957		mg/L		96	85 - 115	0	20
Lead	0.100	0.0966		mg/L		97	85 - 115	0	20
Selenium	0.100	0.0959		mg/L		96	85 - 115	1	20
Thallium	0.100	0.0957		mg/L		96	85 - 115	1	20
Zinc	0.100	0.0980		mg/L		98	85 - 115	1	20

Lab Sample ID: LCSD 860-234489/3-A
Matrix: Water
Analysis Batch: 234781

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 234489

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	0.100	0.0957		mg/L		96	85 - 115	1	20

Lab Sample ID: LLCS 860-234489/4-A
Matrix: Water
Analysis Batch: 234707

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 234489

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	0.00200	0.00202		mg/L		101	50 - 150
Aluminum	0.0200	0.0210		mg/L		105	50 - 150
Arsenic	0.00400	0.00410		mg/L		103	50 - 150
Barium	0.00400	0.00389	J	mg/L		97	50 - 150
Beryllium	0.00200	0.00205		mg/L		103	50 - 150
Cadmium	0.00200	0.00199	J	mg/L		100	50 - 150
Chromium	0.00400	0.00405		mg/L		101	50 - 150
Copper	0.00400	0.00415		mg/L		104	50 - 150
Nickel	0.00200	0.00198	J	mg/L		99	50 - 150
Lead	0.00200	0.00196	J	mg/L		98	50 - 150
Selenium	0.00200	0.00248		mg/L		124	50 - 150
Thallium	0.00200	0.00202		mg/L		101	50 - 150
Zinc	0.00400	0.00387	J	mg/L		97	50 - 150

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: LLCS 860-234489/4-A
Matrix: Water
Analysis Batch: 234781

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 234489

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	0.00200	0.00208		mg/L		104	50 - 150
Aluminum	0.0200	0.0217		mg/L		108	50 - 150
Arsenic	0.00400	0.00416		mg/L		104	50 - 150
Barium	0.00400	0.00392	J	mg/L		98	50 - 150
Beryllium	0.00200	0.00208		mg/L		104	50 - 150
Cadmium	0.00200	0.00202		mg/L		101	50 - 150
Chromium	0.00400	0.00421		mg/L		105	50 - 150
Copper	0.00400	0.00429		mg/L		107	50 - 150
Nickel	0.00200	0.00209		mg/L		105	50 - 150
Lead	0.00200	0.00195	J	mg/L		98	50 - 150
Antimony	0.00200	0.00235		mg/L		117	50 - 150
Selenium	0.00200	0.00170	J	mg/L		85	50 - 150
Thallium	0.00200	0.00201		mg/L		100	50 - 150
Zinc	0.00400	0.00406		mg/L		101	50 - 150

Lab Sample ID: 860-100214-1 MS
Matrix: Water
Analysis Batch: 234707

Client Sample ID: South Laredo WWTP Effluent
Prep Type: Total Recoverable
Prep Batch: 234489

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	<0.00035		0.0500	0.0478		mg/L		96	70 - 130
Aluminum	0.047		0.500	0.543		mg/L		99	70 - 130
Arsenic	0.0011	J	0.100	0.102		mg/L		101	70 - 130
Barium	0.063		0.100	0.170		mg/L		107	70 - 130
Beryllium	<0.00038		0.100	0.101		mg/L		101	70 - 130
Cadmium	<0.00026		0.100	0.0956		mg/L		96	70 - 130
Chromium	<0.00089		0.100	0.100		mg/L		100	70 - 130
Copper	0.0038	J	0.100	0.101		mg/L		97	70 - 130
Nickel	0.0033		0.100	0.0973		mg/L		94	70 - 130
Lead	<0.00037		0.100	0.100		mg/L		100	70 - 130
Selenium	0.0013	J	0.100	0.101		mg/L		100	70 - 130
Thallium	<0.00022		0.100	0.0996		mg/L		100	70 - 130
Zinc	0.026		0.100	0.123		mg/L		97	70 - 130

Lab Sample ID: 860-100214-1 MS
Matrix: Water
Analysis Batch: 234781

Client Sample ID: South Laredo WWTP Effluent
Prep Type: Total Recoverable
Prep Batch: 234489

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0011		0.100	0.101		mg/L		101	70 - 130

Lab Sample ID: 860-100214-1 MSD
Matrix: Water
Analysis Batch: 234707

Client Sample ID: South Laredo WWTP Effluent
Prep Type: Total Recoverable
Prep Batch: 234489

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Silver	<0.00035		0.0500	0.0496		mg/L		99	70 - 130	4	20
Aluminum	0.047		0.500	0.583		mg/L		107	70 - 130	7	20
Arsenic	0.0011	J	0.100	0.106		mg/L		105	70 - 130	4	20

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: 860-100214-1 MSD
Matrix: Water
Analysis Batch: 234707

Client Sample ID: South Laredo WWTP Effluent
Prep Type: Total Recoverable
Prep Batch: 234489

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Barium	0.063		0.100	0.181		mg/L		118	70 - 130	7	20
Beryllium	<0.00038		0.100	0.108		mg/L		108	70 - 130	7	20
Cadmium	<0.00026		0.100	0.0994		mg/L		99	70 - 130	4	20
Chromium	<0.00089		0.100	0.105		mg/L		105	70 - 130	4	20
Copper	0.0038	J	0.100	0.104		mg/L		100	70 - 130	4	20
Nickel	0.0033		0.100	0.101		mg/L		98	70 - 130	4	20
Lead	<0.00037		0.100	0.105		mg/L		105	70 - 130	5	20
Selenium	0.0013	J	0.100	0.105		mg/L		104	70 - 130	4	20
Thallium	<0.00022		0.100	0.104		mg/L		104	70 - 130	4	20
Zinc	0.026		0.100	0.129		mg/L		103	70 - 130	5	20

Lab Sample ID: 860-100214-1 MSD
Matrix: Water
Analysis Batch: 234781

Client Sample ID: South Laredo WWTP Effluent
Prep Type: Total Recoverable
Prep Batch: 234489

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0011		0.100	0.106		mg/L		106	70 - 130	5	20

Lab Sample ID: MB 860-234744/1-A
Matrix: Water
Analysis Batch: 234781

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 234744

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.00035		0.0020	0.00035	mg/L		05/09/25 10:30	05/09/25 16:41	1
Aluminum	<0.0030		0.020	0.0030	mg/L		05/09/25 10:30	05/09/25 16:41	1
Arsenic	<0.00093		0.0040	0.00093	mg/L		05/09/25 10:30	05/09/25 16:41	1
Barium	<0.00095		0.0040	0.00095	mg/L		05/09/25 10:30	05/09/25 16:41	1
Beryllium	<0.00038		0.0020	0.00038	mg/L		05/09/25 10:30	05/09/25 16:41	1
Cadmium	<0.00026		0.0020	0.00026	mg/L		05/09/25 10:30	05/09/25 16:41	1
Chromium	<0.00089		0.0040	0.00089	mg/L		05/09/25 10:30	05/09/25 16:41	1
Copper	<0.00069		0.0040	0.00069	mg/L		05/09/25 10:30	05/09/25 16:41	1
Nickel	<0.00049		0.0020	0.00049	mg/L		05/09/25 10:30	05/09/25 16:41	1
Lead	<0.00037		0.0020	0.00037	mg/L		05/09/25 10:30	05/09/25 16:41	1
Antimony	<0.0011		0.0020	0.0011	mg/L		05/09/25 10:30	05/09/25 16:41	1
Selenium	<0.00069		0.0020	0.00069	mg/L		05/09/25 10:30	05/09/25 16:41	1
Thallium	<0.00022		0.0020	0.00022	mg/L		05/09/25 10:30	05/09/25 16:41	1
Zinc	<0.00089		0.0040	0.00089	mg/L		05/09/25 10:30	05/09/25 16:41	1

Lab Sample ID: LCS 860-234744/2-A
Matrix: Water
Analysis Batch: 234781

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 234744

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Silver			0.0500	0.0502		mg/L		100	85 - 115		
Aluminum			0.500	0.508		mg/L		102	85 - 115		
Arsenic			0.100	0.0983		mg/L		98	85 - 115		
Barium			0.100	0.0952		mg/L		95	85 - 115		
Beryllium			0.100	0.0987		mg/L		99	85 - 115		
Cadmium			0.100	0.0991		mg/L		99	85 - 115		

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 860-234744/2-A
Matrix: Water
Analysis Batch: 234781

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 234744

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	0.100	0.0968		mg/L		97	85 - 115
Copper	0.100	0.0973		mg/L		97	85 - 115
Nickel	0.100	0.0949		mg/L		95	85 - 115
Lead	0.100	0.0972		mg/L		97	85 - 115
Antimony	0.100	0.0985		mg/L		99	85 - 115
Selenium	0.100	0.0967		mg/L		97	85 - 115
Thallium	0.100	0.0984		mg/L		98	85 - 115
Zinc	0.100	0.0972		mg/L		97	85 - 115

Lab Sample ID: LCSD 860-234744/3-A
Matrix: Water
Analysis Batch: 234781

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 234744

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Silver	0.0500	0.0505		mg/L		101	85 - 115	1	20
Aluminum	0.500	0.503		mg/L		101	85 - 115	1	20
Arsenic	0.100	0.0985		mg/L		98	85 - 115	0	20
Barium	0.100	0.0948		mg/L		95	85 - 115	0	20
Beryllium	0.100	0.0976		mg/L		98	85 - 115	1	20
Cadmium	0.100	0.0995		mg/L		99	85 - 115	0	20
Chromium	0.100	0.0966		mg/L		97	85 - 115	0	20
Copper	0.100	0.0971		mg/L		97	85 - 115	0	20
Nickel	0.100	0.0948		mg/L		95	85 - 115	0	20
Lead	0.100	0.0981		mg/L		98	85 - 115	1	20
Antimony	0.100	0.0995		mg/L		99	85 - 115	1	20
Selenium	0.100	0.0970		mg/L		97	85 - 115	0	20
Thallium	0.100	0.0976		mg/L		98	85 - 115	1	20
Zinc	0.100	0.0971		mg/L		97	85 - 115	0	20

Lab Sample ID: LLCS 860-234744/4-A
Matrix: Water
Analysis Batch: 234781

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 234744

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	0.00200	0.00213		mg/L		107	50 - 150
Aluminum	0.0200	0.0211		mg/L		106	50 - 150
Arsenic	0.00400	0.00424		mg/L		106	50 - 150
Barium	0.00400	0.00399	J	mg/L		100	50 - 150
Beryllium	0.00200	0.00203		mg/L		102	50 - 150
Cadmium	0.00200	0.00209		mg/L		104	50 - 150
Chromium	0.00400	0.00463		mg/L		116	50 - 150
Copper	0.00400	0.00424		mg/L		106	50 - 150
Nickel	0.00200	0.00172	J	mg/L		86	50 - 150
Lead	0.00200	0.00198	J	mg/L		99	50 - 150
Antimony	0.00200	0.00210		mg/L		105	50 - 150
Selenium	0.00200	0.00151	J	mg/L		76	50 - 150
Thallium	0.00200	0.00209		mg/L		105	50 - 150
Zinc	0.00400	0.00396	J	mg/L		99	50 - 150

Method: 340.2 - Fluoride

Lab Sample ID: MB 400-709169/9
Matrix: Water
Analysis Batch: 709169

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.022		0.10	0.022	mg/L			05/14/25 14:02	1

Lab Sample ID: LCS 400-709169/11
Matrix: Water
Analysis Batch: 709169

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	5.00	4.92		mg/L		98	90 - 110

Lab Sample ID: MRL 400-709169/10
Matrix: Water
Analysis Batch: 709169

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	0.100	0.0992	J	mg/L		99	50 - 150

Method: 420.4 - Phenolics, Total Recoverable

Lab Sample ID: MB 860-234814/55
Matrix: Water
Analysis Batch: 234814

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total	<0.0058		0.010	0.0058	mg/L			05/08/25 22:07	1

Lab Sample ID: LCS 860-234814/56
Matrix: Water
Analysis Batch: 234814

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phenols, Total	0.100	0.106		mg/L		106	90 - 110

Lab Sample ID: LCSD 860-234814/57
Matrix: Water
Analysis Batch: 234814

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
Phenols, Total	0.100	0.108		mg/L		108	90 - 110	2	20

Method: EPA 335.4 - Cyanide, Total

Lab Sample ID: MB 180-495779/4-A
Matrix: Water
Analysis Batch: 495799

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 495779

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.0080		0.010	0.0080	mg/L		05/13/25 14:35	05/13/25 16:45	1

Method: EPA 335.4 - Cyanide, Total (Continued)

Lab Sample ID: HLCS 180-495779/2-A
Matrix: Water
Analysis Batch: 495799

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 495779

Analyte	Spike Added	HLCS Result	HLCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.250	0.248		mg/L		99	90 - 110

Lab Sample ID: LCS 180-495779/3-A
Matrix: Water
Analysis Batch: 495799

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 495779

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.200	0.200		mg/L		100	90 - 110

Lab Sample ID: LLCS 180-495779/1-A
Matrix: Water
Analysis Batch: 495799

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 495779

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.0500	0.0491		mg/L		98	90 - 110

Lab Sample ID: 860-100214-1 MS
Matrix: Water
Analysis Batch: 495799

Client Sample ID: South Laredo WWTP Effluent
Prep Type: Total/NA
Prep Batch: 495779

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.012		0.200	0.214		mg/L		101	90 - 110

Lab Sample ID: 860-100214-1 MSD
Matrix: Water
Analysis Batch: 495799

Client Sample ID: South Laredo WWTP Effluent
Prep Type: Total/NA
Prep Batch: 495779

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.012		0.200	0.213		mg/L		101	90 - 110	0	20

Lab Sample ID: 860-100214-1 DU
Matrix: Water
Analysis Batch: 495799

Client Sample ID: South Laredo WWTP Effluent
Prep Type: Total/NA
Prep Batch: 495779

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cyanide, Total	0.012		0.0120		mg/L		2	20

Method: OIA-1677 - Cyanide, Free (Flow Injection)

Lab Sample ID: MB 180-495797/45
Matrix: Water
Analysis Batch: 495797

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	<0.00079		0.0020	0.00079	mg/L			05/13/25 17:52	1

Method: OIA-1677 - Cyanide, Free (Flow Injection) (Continued)

Lab Sample ID: LCS 180-495797/46
Matrix: Water
Analysis Batch: 495797

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Free			0.0500	0.0447		mg/L		89	82 - 132		

Method: SM 3500 CR B - Chromium, Hexavalent

Lab Sample ID: MB 860-234141/3
Matrix: Water
Analysis Batch: 234141

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.0020		0.010	0.0020	mg/L			05/07/25 11:20	1

Lab Sample ID: LCS 860-234141/4
Matrix: Water
Analysis Batch: 234141

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cr (VI)			0.200	0.186		mg/L		93	80 - 120		

Lab Sample ID: LCSD 860-234141/5
Matrix: Water
Analysis Batch: 234141

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
Cr (VI)			0.200	0.188		mg/L		94	80 - 120	1	20

Lab Sample ID: 860-100214-1 MS
Matrix: Water
Analysis Batch: 234141

Client Sample ID: South Laredo WWTP Effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Cr (VI)	<0.0020		0.200	0.182		mg/L		91	80 - 120		

Lab Sample ID: 860-100214-1 MSD
Matrix: Water
Analysis Batch: 234141

Client Sample ID: South Laredo WWTP Effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)	<0.0020		0.200	0.181		mg/L		91	80 - 120	1	20

GC/MS VOA

Analysis Batch: 234360

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100214-1	South Laredo WWTP Effluent	Total/NA	Water	624.1	
860-100214-1	South Laredo WWTP Effluent	Total/NA	Water	8260C	
860-100214-2	South Laredo WWTP Influent	Total/NA	Water	624.1	
860-100214-2	South Laredo WWTP Influent	Total/NA	Water	8260C	
MB 860-234360/8	Method Blank	Total/NA	Water	624.1	
LCS 860-234360/3	Lab Control Sample	Total/NA	Water	624.1	
LCSD 860-234360/4	Lab Control Sample Dup	Total/NA	Water	624.1	

GC/MS Semi VOA

Prep Batch: 234647

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100214-1	South Laredo WWTP Effluent	Total/NA	Water	625	
860-100214-2	South Laredo WWTP Influent	Total/NA	Water	625	
MB 860-234647/1-A	Method Blank	Total/NA	Water	625	
LCS 860-234647/2-A	Lab Control Sample	Total/NA	Water	625	
LCSD 860-234647/3-A	Lab Control Sample Dup	Total/NA	Water	625	

Analysis Batch: 234861

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100214-1	South Laredo WWTP Effluent	Total/NA	Water	625.1	234647
860-100214-2	South Laredo WWTP Influent	Total/NA	Water	625.1	234647
MB 860-234647/1-A	Method Blank	Total/NA	Water	625.1	234647
LCS 860-234647/2-A	Lab Control Sample	Total/NA	Water	625.1	234647
LCSD 860-234647/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	234647

Prep Batch: 569386

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100214-1	South Laredo WWTP Effluent	Total/NA	Water	Organotin	
860-100214-2	South Laredo WWTP Influent	Total/NA	Water	Organotin	
MB 570-569386/1-A	Method Blank	Total/NA	Water	Organotin	
LCS 570-569386/2-A	Lab Control Sample	Total/NA	Water	Organotin	
LCSD 570-569386/3-A	Lab Control Sample Dup	Total/NA	Water	Organotin	

Analysis Batch: 570033

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100214-1	South Laredo WWTP Effluent	Total/NA	Water	Organotins SIM	569386
860-100214-2	South Laredo WWTP Influent	Total/NA	Water	Organotins SIM	569386
MB 570-569386/1-A	Method Blank	Total/NA	Water	Organotins SIM	569386
LCS 570-569386/2-A	Lab Control Sample	Total/NA	Water	Organotins SIM	569386
LCSD 570-569386/3-A	Lab Control Sample Dup	Total/NA	Water	Organotins SIM	569386

Prep Batch: 695445

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100214-1	South Laredo WWTP Effluent	Total/NA	Water	D7065-11	
860-100214-2	South Laredo WWTP Influent	Total/NA	Water	D7065-11	
MB 280-695445/1-A	Method Blank	Total/NA	Water	D7065-11	
LCS 280-695445/2-A	Lab Control Sample	Total/NA	Water	D7065-11	
LCSD 280-695445/3-A	Lab Control Sample Dup	Total/NA	Water	D7065-11	

GC/MS Semi VOA

Analysis Batch: 695721

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100214-1	South Laredo WWTP Effluent	Total/NA	Water	D7065-11	695445
860-100214-2	South Laredo WWTP Influent	Total/NA	Water	D7065-11	695445
MB 280-695445/1-A	Method Blank	Total/NA	Water	D7065-11	695445
LCS 280-695445/2-A	Lab Control Sample	Total/NA	Water	D7065-11	695445
LCSD 280-695445/3-A	Lab Control Sample Dup	Total/NA	Water	D7065-11	695445

GC Semi VOA

Analysis Batch: 234704

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100214-1	South Laredo WWTP Effluent	Total/NA	Water	8015D	
MB 860-234704/8	Method Blank	Total/NA	Water	8015D	
LCS 860-234704/4	Lab Control Sample	Total/NA	Water	8015D	
LCSD 860-234704/5	Lab Control Sample Dup	Total/NA	Water	8015D	

Analysis Batch: 235054

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100214-2	South Laredo WWTP Influent	Total/NA	Water	8015D	
MB 860-235054/11	Method Blank	Total/NA	Water	8015D	
LCS 860-235054/9	Lab Control Sample	Total/NA	Water	8015D	
LCSD 860-235054/5	Lab Control Sample Dup	Total/NA	Water	8015D	

Prep Batch: 495598

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100214-1	South Laredo WWTP Effluent	Total/NA	Water	608	
860-100214-2	South Laredo WWTP Influent	Total/NA	Water	608	
MB 180-495598/1-A	Method Blank	Total/NA	Water	608	
LCS 180-495598/2-A	Lab Control Sample	Total/NA	Water	608	
LCS 180-495598/4-A	Lab Control Sample	Total/NA	Water	608	
LCSD 180-495598/3-A	Lab Control Sample Dup	Total/NA	Water	608	
LCSD 180-495598/5-A	Lab Control Sample Dup	Total/NA	Water	608	

Analysis Batch: 495615

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100214-1	South Laredo WWTP Effluent	Total/NA	Water	EPA 608.3	495598
860-100214-2	South Laredo WWTP Influent	Total/NA	Water	EPA 608.3	495598
MB 180-495598/1-A	Method Blank	Total/NA	Water	EPA 608.3	495598
LCS 180-495598/4-A	Lab Control Sample	Total/NA	Water	EPA 608.3	495598
LCSD 180-495598/5-A	Lab Control Sample Dup	Total/NA	Water	EPA 608.3	495598

Analysis Batch: 495662

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 180-495598/1-A	Method Blank	Total/NA	Water	EPA 608.3	495598
LCS 180-495598/2-A	Lab Control Sample	Total/NA	Water	EPA 608.3	495598
LCSD 180-495598/3-A	Lab Control Sample Dup	Total/NA	Water	EPA 608.3	495598

Analysis Batch: 495875

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100214-1	South Laredo WWTP Effluent	Total/NA	Water	EPA 608.3	495598
860-100214-2	South Laredo WWTP Influent	Total/NA	Water	EPA 608.3	495598

GC Semi VOA

Prep Batch: 708869

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100214-1	South Laredo WWTP Effluent	Total/NA	Water	615	
860-100214-2	South Laredo WWTP Influent	Total/NA	Water	615	
MB 400-708869/1-A	Method Blank	Total/NA	Water	615	
LCS 400-708869/2-A	Lab Control Sample	Total/NA	Water	615	
LCSD 400-708869/3-A	Lab Control Sample Dup	Total/NA	Water	615	

Analysis Batch: 708953

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100214-1	South Laredo WWTP Effluent	Total/NA	Water	615	708869
860-100214-2	South Laredo WWTP Influent	Total/NA	Water	615	708869
MB 400-708869/1-A	Method Blank	Total/NA	Water	615	708869
LCS 400-708869/2-A	Lab Control Sample	Total/NA	Water	615	708869
LCSD 400-708869/3-A	Lab Control Sample Dup	Total/NA	Water	615	708869

HPLC/IC

Analysis Batch: 234059

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100214-1	South Laredo WWTP Effluent	Total/NA	Water	300.0	
860-100214-2	South Laredo WWTP Influent	Total/NA	Water	300.0	
MB 860-234059/3	Method Blank	Total/NA	Water	300.0	
LCS 860-234059/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-234059/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-234059/6	Lab Control Sample	Total/NA	Water	300.0	

Specialty Organics

Prep Batch: 852229

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100214-1	South Laredo WWTP Effluent	Total/NA	Water	1613B	
860-100214-2	South Laredo WWTP Influent	Total/NA	Water	1613B	
MB 320-852229/1-A	Method Blank	Total/NA	Water	1613B	
LCS 320-852229/2-A	Lab Control Sample	Total/NA	Water	1613B	
LCSD 320-852229/3-A	Lab Control Sample Dup	Total/NA	Water	1613B	

Analysis Batch: 853801

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100214-1	South Laredo WWTP Effluent	Total/NA	Water	1613B	852229
MB 320-852229/1-A	Method Blank	Total/NA	Water	1613B	852229
LCS 320-852229/2-A	Lab Control Sample	Total/NA	Water	1613B	852229
LCSD 320-852229/3-A	Lab Control Sample Dup	Total/NA	Water	1613B	852229

Analysis Batch: 854423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100214-2	South Laredo WWTP Influent	Total/NA	Water	1613B	852229

Metals

Prep Batch: 234489

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100214-1	South Laredo WWTP Effluent	Total Recoverable	Water	200.8	
MB 860-234489/1-A	Method Blank	Total Recoverable	Water	200.8	

Metals (Continued)

Prep Batch: 234489 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 860-234489/2-A	Lab Control Sample	Total Recoverable	Water	200.8	
LCSD 860-234489/3-A	Lab Control Sample Dup	Total Recoverable	Water	200.8	
LLCS 860-234489/4-A	Lab Control Sample	Total Recoverable	Water	200.8	
860-100214-1 MS	South Laredo WWTP Effluent	Total Recoverable	Water	200.8	
860-100214-1 MSD	South Laredo WWTP Effluent	Total Recoverable	Water	200.8	

Analysis Batch: 234707

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100214-1	South Laredo WWTP Effluent	Total Recoverable	Water	200.8	234489
MB 860-234489/1-A	Method Blank	Total Recoverable	Water	200.8	234489
LCS 860-234489/2-A	Lab Control Sample	Total Recoverable	Water	200.8	234489
LCSD 860-234489/3-A	Lab Control Sample Dup	Total Recoverable	Water	200.8	234489
LLCS 860-234489/4-A	Lab Control Sample	Total Recoverable	Water	200.8	234489
860-100214-1 MS	South Laredo WWTP Effluent	Total Recoverable	Water	200.8	234489
860-100214-1 MSD	South Laredo WWTP Effluent	Total Recoverable	Water	200.8	234489

Prep Batch: 234744

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100214-2	South Laredo WWTP Influent	Total Recoverable	Water	200.8	
MB 860-234744/1-A	Method Blank	Total Recoverable	Water	200.8	
LCS 860-234744/2-A	Lab Control Sample	Total Recoverable	Water	200.8	
LCSD 860-234744/3-A	Lab Control Sample Dup	Total Recoverable	Water	200.8	
LLCS 860-234744/4-A	Lab Control Sample	Total Recoverable	Water	200.8	

Analysis Batch: 234781

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100214-1	South Laredo WWTP Effluent	Total Recoverable	Water	200.8	234489
860-100214-2	South Laredo WWTP Influent	Total Recoverable	Water	200.8	234744
MB 860-234489/1-A	Method Blank	Total Recoverable	Water	200.8	234489
MB 860-234744/1-A	Method Blank	Total Recoverable	Water	200.8	234744
LCS 860-234489/2-A	Lab Control Sample	Total Recoverable	Water	200.8	234489
LCS 860-234744/2-A	Lab Control Sample	Total Recoverable	Water	200.8	234744
LCSD 860-234489/3-A	Lab Control Sample Dup	Total Recoverable	Water	200.8	234489
LCSD 860-234744/3-A	Lab Control Sample Dup	Total Recoverable	Water	200.8	234744
LLCS 860-234489/4-A	Lab Control Sample	Total Recoverable	Water	200.8	234489
LLCS 860-234744/4-A	Lab Control Sample	Total Recoverable	Water	200.8	234744
860-100214-1 MS	South Laredo WWTP Effluent	Total Recoverable	Water	200.8	234489
860-100214-1 MSD	South Laredo WWTP Effluent	Total Recoverable	Water	200.8	234489

Prep Batch: 655661

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100214-1	South Laredo WWTP Effluent	Total/NA	Water	1631E	
860-100214-2	South Laredo WWTP Influent	Total/NA	Water	1631E	
860-100214-3	South Laredo WWTP Effluent LL Hg	Total/NA	Water	1631E	
860-100214-4	South Laredo WWTP Influent LL Hg	Total/NA	Water	1631E	
MB 240-655661/1-A	Method Blank	Total/NA	Water	1631E	
LCS 240-655661/2-A	Lab Control Sample	Total/NA	Water	1631E	

Analysis Batch: 655878

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100214-1	South Laredo WWTP Effluent	Total/NA	Water	1631E	655661

Metals (Continued)

Analysis Batch: 655878 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100214-2	South Laredo WWTP Influent	Total/NA	Water	1631E	655661
860-100214-3	South Laredo WWTP Effluent LL Hg	Total/NA	Water	1631E	655661
860-100214-4	South Laredo WWTP Influent LL Hg	Total/NA	Water	1631E	655661
MB 240-655661/1-A	Method Blank	Total/NA	Water	1631E	655661
LCS 240-655661/2-A	Lab Control Sample	Total/NA	Water	1631E	655661

General Chemistry

Analysis Batch: 234141

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100214-1	South Laredo WWTP Effluent	Total/NA	Water	SM 3500 CR B	
860-100214-2	South Laredo WWTP Influent	Total/NA	Water	SM 3500 CR B	
MB 860-234141/3	Method Blank	Total/NA	Water	SM 3500 CR B	
LCS 860-234141/4	Lab Control Sample	Total/NA	Water	SM 3500 CR B	
LCSD 860-234141/5	Lab Control Sample Dup	Total/NA	Water	SM 3500 CR B	
860-100214-1 MS	South Laredo WWTP Effluent	Total/NA	Water	SM 3500 CR B	
860-100214-1 MSD	South Laredo WWTP Effluent	Total/NA	Water	SM 3500 CR B	

Analysis Batch: 234378

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100214-1	South Laredo WWTP Effluent	Total/NA	Water	SM 3500 CR B	
860-100214-2	South Laredo WWTP Influent	Total/NA	Water	SM 3500 CR B	

Analysis Batch: 234814

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100214-1	South Laredo WWTP Effluent	Total/NA	Water	420.4	
860-100214-2	South Laredo WWTP Influent	Total/NA	Water	420.4	
MB 860-234814/55	Method Blank	Total/NA	Water	420.4	
LCS 860-234814/56	Lab Control Sample	Total/NA	Water	420.4	
LCSD 860-234814/57	Lab Control Sample Dup	Total/NA	Water	420.4	

Prep Batch: 495779

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100214-1	South Laredo WWTP Effluent	Total/NA	Water	Distill/CN	
860-100214-2	South Laredo WWTP Influent	Total/NA	Water	Distill/CN	
MB 180-495779/4-A	Method Blank	Total/NA	Water	Distill/CN	
HLCS 180-495779/2-A	Lab Control Sample	Total/NA	Water	Distill/CN	
LCS 180-495779/3-A	Lab Control Sample	Total/NA	Water	Distill/CN	
LLCS 180-495779/1-A	Lab Control Sample	Total/NA	Water	Distill/CN	
860-100214-1 MS	South Laredo WWTP Effluent	Total/NA	Water	Distill/CN	
860-100214-1 MSD	South Laredo WWTP Effluent	Total/NA	Water	Distill/CN	
860-100214-1 DU	South Laredo WWTP Effluent	Total/NA	Water	Distill/CN	

Analysis Batch: 495797

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100214-1	South Laredo WWTP Effluent	Total/NA	Water	OIA-1677	
860-100214-2	South Laredo WWTP Influent	Total/NA	Water	OIA-1677	
MB 180-495797/45	Method Blank	Total/NA	Water	OIA-1677	
LCS 180-495797/46	Lab Control Sample	Total/NA	Water	OIA-1677	

QC Association Summary

Client: City of Laredo
Project/Site: Table II & III South Laredo

Job ID: 860-100214-1

General Chemistry

Analysis Batch: 495799

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100214-1	South Laredo WWTP Effluent	Total/NA	Water	EPA 335.4	495779
860-100214-2	South Laredo WWTP Influent	Total/NA	Water	EPA 335.4	495779
MB 180-495779/4-A	Method Blank	Total/NA	Water	EPA 335.4	495779
HLCS 180-495779/2-A	Lab Control Sample	Total/NA	Water	EPA 335.4	495779
LCS 180-495779/3-A	Lab Control Sample	Total/NA	Water	EPA 335.4	495779
LLCS 180-495779/1-A	Lab Control Sample	Total/NA	Water	EPA 335.4	495779
860-100214-1 MS	South Laredo WWTP Effluent	Total/NA	Water	EPA 335.4	495779
860-100214-1 MSD	South Laredo WWTP Effluent	Total/NA	Water	EPA 335.4	495779
860-100214-1 DU	South Laredo WWTP Effluent	Total/NA	Water	EPA 335.4	495779

Analysis Batch: 709169

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100214-1	South Laredo WWTP Effluent	Total/NA	Water	340.2	
860-100214-2	South Laredo WWTP Influent	Total/NA	Water	340.2	
MB 400-709169/9	Method Blank	Total/NA	Water	340.2	
LCS 400-709169/11	Lab Control Sample	Total/NA	Water	340.2	
MRL 400-709169/10	Lab Control Sample	Total/NA	Water	340.2	

Client Sample ID: South Laredo WWTP Effluent

Lab Sample ID: 860-100214-1

Date Collected: 05/06/25 12:00

Matrix: Water

Date Received: 05/07/25 09:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	5 mL	5 mL	234360	05/08/25 18:01	NA	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	234360	05/08/25 18:01	NA	EET HOU
Total/NA	Prep	625			1000 mL	1 mL	234647	05/09/25 05:16	DR	EET HOU
Total/NA	Analysis	625.1		1	1 mL	1 mL	234861	05/09/25 21:30	T1S	EET HOU
Total/NA	Prep	D7065-11			900.3 mL	1 mL	695445	05/12/25 10:12	BC	EET DEN
Total/NA	Analysis	D7065-11		1	200 uL	200 uL	695721	05/13/25 23:03	MAB	EET DEN
Total/NA	Prep	Organotin			875.7 mL	1 mL	569386	05/10/25 07:30	UWEZ	EET CAL 4
Total/NA	Analysis	Organotins SIM		1	1 mL	1 mL	570033	05/12/25 15:11	ULLI	EET CAL 4
Total/NA	Prep	615			50.9 mL	4 mL	708869	05/12/25 14:28	SM	EET PEN
Total/NA	Analysis	615		1	1 mL	1 mL	708953	05/13/25 17:59	KR	EET PEN
Total/NA	Analysis	8015D		1	1 mL	1 mL	234704	05/09/25 14:48	IS	EET HOU
Total/NA	Prep	608			960 mL	1.0 mL	495598	05/11/25 18:32	DPD	EET PIT
Total/NA	Analysis	EPA 608.3		10			495875	05/14/25 15:32	CMR	EET PIT
Total/NA	Prep	608			960 mL	1.0 mL	495598	05/11/25 18:32	DPD	EET PIT
Total/NA	Analysis	EPA 608.3		1	1 mL	1 mL	495615	05/12/25 13:00	JMO	EET PIT
Total/NA	Analysis	300.0		1			234059	05/07/25 17:07	W1N	EET HOU
Total/NA	Prep	1613B			893 mL	20.0 uL	852229	05/16/25 07:39	GSH	EET SAC
Total/NA	Analysis	1613B		1	1 Sample	1 Sample	853801	05/24/25 02:06	JBC	EET SAC
Total/NA	Prep	1631E			40 mL	40 mL	655661	05/12/25 12:00	GEV	EET CLE
Total/NA	Analysis	1631E		1			655878	05/13/25 11:30	GEV	EET CLE
Total Recoverable	Prep	200.8			50 mL	50 mL	234489	05/08/25 14:30	MD	EET HOU
Total Recoverable	Analysis	200.8		1			234707	05/08/25 22:06	DP	EET HOU
Total Recoverable	Prep	200.8			50 mL	50 mL	234489	05/08/25 14:30	MD	EET HOU
Total Recoverable	Analysis	200.8		1			234781	05/09/25 12:10	DP	EET HOU
Total/NA	Analysis	340.2		1	25 mL	25 mL	709169	05/14/25 14:21	JP	EET PEN
Total/NA	Analysis	420.4		1	10 mL	10 mL	234814	05/08/25 23:13	BW	EET HOU
Total/NA	Prep	Distill/CN			10 mL	10 mL	495779	05/13/25 14:35	RAO	EET PIT
Total/NA	Analysis	EPA 335.4		1			495799	05/13/25 17:36	RAO	EET PIT
Total/NA	Analysis	OIA-1677		1			495797	05/13/25 18:02	RAO	EET PIT
Total/NA	Analysis	SM 3500 CR B		1	25 mL	25 mL	234141	05/07/25 11:20	SCI	EET HOU
Total/NA	Analysis	SM 3500 CR B		1			234378	05/12/25 08:54	SC	EET HOU

Client Sample ID: South Laredo WWTP Influent

Lab Sample ID: 860-100214-2

Date Collected: 05/06/25 12:00

Matrix: Water

Date Received: 05/07/25 09:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	5 mL	5 mL	234360	05/08/25 18:22	NA	EET HOU
Total/NA	Analysis	8260C		1	5 mL	5 mL	234360	05/08/25 18:22	NA	EET HOU
Total/NA	Prep	625			1000 mL	1 mL	234647	05/09/25 05:16	DR	EET HOU
Total/NA	Analysis	625.1		5	1 mL	1 mL	234861	05/09/25 21:53	T1S	EET HOU
Total/NA	Prep	D7065-11			200 mL	1 mL	695445	05/12/25 10:12	BC	EET DEN
Total/NA	Analysis	D7065-11		1	200 uL	200 uL	695721	05/13/25 23:25	MAB	EET DEN

Client Sample ID: South Laredo WWTP Influent
Lab Sample ID: 860-100214-2

Date Collected: 05/06/25 12:00
Matrix: Water
Date Received: 05/07/25 09:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Organotin			947.7 mL	1 mL	569386	05/10/25 07:30	UWEZ	EET CAL 4
Total/NA	Analysis	Organotins SIM		1	1 mL	1 mL	570033	05/12/25 15:27	ULLI	EET CAL 4
Total/NA	Prep	615			50.4 mL	4 mL	708869	05/12/25 11:21	SM	EET PEN
Total/NA	Analysis	615		1	1 mL	1 mL	708953	05/13/25 18:29	KR	EET PEN
Total/NA	Analysis	8015D		1	1 mL	1 mL	235054	05/12/25 15:19	IS	EET HOU
Total/NA	Prep	608			950 mL	1.0 mL	495598	05/11/25 18:32	DPD	EET PIT
Total/NA	Analysis	EPA 608.3		10			495875	05/14/25 15:50	CMR	EET PIT
Total/NA	Prep	608			950 mL	1.0 mL	495598	05/11/25 18:32	DPD	EET PIT
Total/NA	Analysis	EPA 608.3		1	1 mL	1 mL	495615	05/12/25 13:17	JMO	EET PIT
Total/NA	Analysis	300.0		1			234059	05/07/25 17:22	W1N	EET HOU
Total/NA	Prep	1613B			950.2 mL	20.0 uL	852229	05/16/25 07:39	GSH	EET SAC
Total/NA	Analysis	1613B		1	1 Sample	1 Sample	854423	05/29/25 16:42	CB	EET SAC
Total/NA	Prep	1631E			40 mL	40 mL	655661	05/12/25 12:00	GEV	EET CLE
Total/NA	Analysis	1631E		2			655878	05/13/25 11:35	GEV	EET CLE
Total Recoverable	Prep	200.8			50 mL	50 mL	234744	05/09/25 10:30	MD	EET HOU
Total Recoverable	Analysis	200.8		1			234781	05/09/25 17:10	DP	EET HOU
Total/NA	Analysis	340.2		1	25 mL	25 mL	709169	05/14/25 14:24	JP	EET PEN
Total/NA	Analysis	420.4		1	10 mL	10 mL	234814	05/08/25 23:16	BW	EET HOU
Total/NA	Prep	Distill/CN			10 mL	10 mL	495779	05/13/25 14:35	RAO	EET PIT
Total/NA	Analysis	EPA 335.4		1			495799	05/13/25 17:57	RAO	EET PIT
Total/NA	Analysis	OIA-1677		20			495797	05/13/25 18:49	RAO	EET PIT
Total/NA	Analysis	SM 3500 CR B		1	25 mL	25 mL	234141	05/07/25 11:20	SCI	EET HOU
Total/NA	Analysis	SM 3500 CR B		1			234378	05/12/25 08:54	SC	EET HOU

Client Sample ID: South Laredo WWTP Effluent LL Hg
Lab Sample ID: 860-100214-3

Date Collected: 05/06/25 12:00
Matrix: Water
Date Received: 05/07/25 09:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1631E			40 mL	40 mL	655661	05/12/25 12:00	GEV	EET CLE
Total/NA	Analysis	1631E		1			655878	05/13/25 11:40	GEV	EET CLE

Client Sample ID: South Laredo WWTP Influent LL Hg
Lab Sample ID: 860-100214-4

Date Collected: 05/06/25 12:00
Matrix: Water
Date Received: 05/07/25 09:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1631E			40 mL	40 mL	655661	05/12/25 12:00	GEV	EET CLE
Total/NA	Analysis	1631E		1			655878	05/13/25 11:45	GEV	EET CLE

Lab Chronicle

Client: City of Laredo
Job ID: 860-100214-1
Project/Site: Table II & III South Laredo

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

EET DEN = Eurofins Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

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

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

SPL = SPL Kilgore, 2600 Dudley Rd, Kilgore, TX 75662

Accreditation/Certification Summary

Client: City of Laredo
Job ID: 860-100214-1
Project/Site: Table II & III South Laredo

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

Laboratory: Eurofins Calscience

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

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	7296.01	11-30-26
Arizona	State	AZ0830	11-16-25
Arkansas DEQ	State	88-01672	07-02-25
California	Los Angeles County Sanitation Districts	9257304	07-31-26
California	SCAQMD LAP	17LA0919	11-30-25
California	State	3082	07-31-25
Kansas	NELAP	E-10420	07-31-25
Nevada	State	CA00111	07-31-25
Oregon	NELAP	4175	02-02-26
USDA	US Federal Programs	525-23-159-97150	06-08-26
Utah	NELAP	CA00111	02-28-26
Washington	State	C916	05-14-25

Laboratory: Eurofins Cleveland

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

Authority	Program	Identification Number	Expiration Date
Connecticut	State	PH-0806	12-31-26
Georgia	State	4062	02-27-26
Illinois	NELAP	200004	08-31-25
Iowa	State	421	06-01-25
Kansas	NELAP	E-10336	01-31-26
Kentucky (UST)	State	112225	02-28-26
Kentucky (WW)	State	KY98016	12-31-25
Minnesota	NELAP	039-999-348	12-31-25
New Hampshire	NELAP	225024	09-30-25
New Jersey	NELAP	OH001	07-03-25
New York	NELAP	10975	05-26-25
North Dakota	State	R-244	02-27-26
Ohio	State	8303	11-04-25
Ohio VAP	State	ORELAP 4062	02-28-26
Oregon	NELAP	4062	02-27-26
Pennsylvania	NELAP	68-00340	08-31-25
Texas	NELAP	T104704517-22-19	08-31-25
US Fish & Wildlife	US Federal Programs	A26406	02-28-26
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-25
West Virginia DEP	State	210	12-31-25

Accreditation/Certification Summary

Client: City of Laredo
Job ID: 860-100214-1
Project/Site: Table II & III South Laredo

Laboratory: Eurofins Cleveland (Continued)

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

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	399167560	08-31-25

Laboratory: Eurofins Denver

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

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	2907.01	10-31-26
A2LA	ISO/IEC 17025	2907.01	10-31-26
Alabama	State Program	40730	09-30-12 *
Alaska (UST)	State	18-001	11-30-25
Arizona	State	AZ0713	12-20-25
Arkansas DEQ	State	88-00687	04-02-26
California	State	2513	01-08-26
Colorado	Petroleum Storage Tank Program	2907.01 (A2LA)	10-31-26
Colorado	State	CO00026	06-30-25
Connecticut	State	PH-0686	09-30-26
Florida	NELAP	E87667	06-30-25
Georgia	State	4025	01-08-26
Illinois	NELAP	200017	05-31-26
Iowa	State	370	12-01-26
Kansas	NELAP	E-10166	06-01-25
Kentucky (WW)	State	KY98047	12-31-25
Louisiana	NELAP	30785	06-30-14 *
Louisiana (All)	NELAP	30785	06-30-25
Minnesota	NELAP	1788752	12-31-25
Nevada	State	CO00026	07-31-25
New Hampshire	NELAP	2053	04-28-26
New Jersey	NELAP	230001	06-30-25
New York	NELAP	11964	04-01-26
North Dakota	State	R-034	01-08-25 *
Oklahoma	NELAP	8614	08-31-25
Oregon	NELAP	4025	01-08-26
Pennsylvania	NELAP	68-00664	07-31-25
South Carolina	State	72002001	01-18-25 *
Texas	NELAP	TX104704183-08-TX	09-30-09 *
Texas	NELAP	T104704183	09-30-25
US Fish & Wildlife	US Federal Programs	058448	07-31-25
USDA	US Federal Programs	P330-20-00065	12-19-25
Utah	NELAP	QUAN5	06-30-13 *
Utah	NELAP	CO00026	07-31-25
Virginia	NELAP	460232	06-14-25
Washington	State	C583	05-13-25
West Virginia DEP	State	354	11-30-25
Wisconsin	State	999615430	08-31-25
Wyoming (UST)	A2LA	2907.01	10-31-26

Laboratory: Eurofins Pensacola

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

Authority	Program	Identification Number	Expiration Date
Alabama	State	40150	06-30-25

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Accreditation/Certification Summary

Client: City of Laredo
Job ID: 860-100214-1
Project/Site: Table II & III South Laredo

Laboratory: Eurofins Pensacola (Continued)

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

Authority	Program	Identification Number	Expiration Date
ANAB	ISO/IEC 17025	L2471	02-22-26
Arkansas DEQ	State	88-00689	08-01-25
California	State	2510	06-30-25
Florida	NELAP	E81010	06-30-25
Georgia	State	E81010(FL)	06-30-25
Illinois	NELAP	200041	10-09-25
Kansas	NELAP	E-10253	10-31-25
Kentucky (UST)	State	53	06-30-25
Louisiana (All)	NELAP	30976	06-30-25
Louisiana (DW)	State	LA017	12-31-25
North Carolina (WW/SW)	State	314	12-31-25
Oklahoma	NELAP	9810	08-31-25
Pennsylvania	NELAP	68-00467	01-31-26
South Carolina	State	96026	06-30-25
Tennessee	State	TN02907	06-30-25
Texas	NELAP	T104704286	09-30-25
US Fish & Wildlife	US Federal Programs	A22340	06-30-25
USDA	US Federal Programs	FLGNV23001	01-08-26
USDA	US Federal Programs	525-23-9-22801	01-09-26
Virginia	NELAP	460166	06-14-25
West Virginia DEP	State	136	03-31-26

Laboratory: Eurofins Pittsburgh

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	88-00690	06-28-25
California	State	3122	04-30-26
Connecticut	State	PH-0820	09-30-26
Florida	NELAP	E871008	06-30-25
Georgia	State	PA 02-00416	04-30-26
Illinois	NELAP	200005	07-31-25
Kansas	NELAP	E-10350	01-31-26
Kentucky (UST)	State	162013	04-30-26
Kentucky (WW)	State	KY98043	12-31-25
Louisiana	NELAP	04041	06-30-22 *
Louisiana (All)	NELAP	04041	06-30-25
Maine	State	PA00164	03-06-26
Minnesota	NELAP	042-999-482	12-31-25
New Hampshire	NELAP	2030	04-04-26
New Jersey	NELAP	PA005	06-30-25
New York	NELAP	11182	03-31-26
North Carolina (WW/SW)	State	434	12-31-25
North Dakota	State	R-227	04-30-24 *
Oregon	NELAP	PA-2151	02-06-26
Pennsylvania	NELAP	02-00416	04-30-26
Rhode Island	State	LAO00375	12-30-25
South Carolina	State	89014	04-30-25 *
Texas	NELAP	T104704528	03-31-26
US Fish & Wildlife	US Federal Programs	A21930	04-30-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Accreditation/Certification Summary

Client: City of Laredo
Job ID: 860-100214-1
Project/Site: Table II & III South Laredo

Laboratory: Eurofins Pittsburgh (Continued)

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

Authority	Program	Identification Number	Expiration Date
USDA	US Federal Programs	P330-16-00211	04-11-26
Utah	NELAP	PA001462024-14	05-31-25
Virginia	NELAP	460189	09-14-25
West Virginia DEP	State	142	01-31-26
Wisconsin	State	998027800	08-31-25

Laboratory: Eurofins Sacramento

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

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	17-020	02-20-27
ANAB	Dept. of Defense ELAP	L2468	05-29-25
ANAB	Dept. of Energy	L2468.01	05-29-25
ANAB	ISO/IEC 17025	L2468	01-20-27
Arizona	State	AZ0708	08-11-25
Arkansas DEQ	State	88-0691	05-18-26
California	State	2897	01-31-26
Colorado	State	CA00044	08-31-25
Florida	NELAP	E87570	06-30-25
Georgia	State	4040	01-29-26
Illinois	NELAP	200060	03-31-26
Kansas	NELAP	E-10375	10-31-25
Louisiana	NELAP	01944	06-30-25
Louisiana (All)	NELAP	01944	06-30-25
Maine	State	CA00004	04-14-26
Minnesota	NELAP	2749448	12-31-25
Nevada	State	CA00044	07-31-25
New Jersey	NELAP	CA005	06-30-25
New York	NELAP	11666	04-01-26
Ohio	State	41252	01-29-26
Oregon	NELAP	4040	01-29-26
Texas	NELAP	T104704399-23-17	05-31-25
US Fish & Wildlife	US Federal Programs	A22139	04-30-26
USDA	US Federal Programs	P330-18-00239	02-28-26
Utah	NELAP	CA000442023-16	02-28-26
Virginia	NELAP	460278	03-14-26
Washington	State	C581	05-06-26
West Virginia (DW)	State	9930C	02-01-26
West Virginia DEP	State	422	03-28-26
Wisconsin	State	998204680	08-31-25
Wyoming	State Program	8TMS-L	01-28-19 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: City of Laredo
Job ID: 860-100214-1
Project/Site: Table II & III South Laredo

Method	Method Description	Protocol	Laboratory
624.1	Volatile Organic Compounds (GC/MS)	EPA	EET HOU
8260C	Volatile Organic Compounds by GC/MS	SW846	EET HOU
625.1	Semivolatile Organic Compounds (GC/MS)	EPA	EET HOU
D7065-11	Determination of Nonylphenols	ASTM	EET DEN
Organotins SIM	Organotins (GC/MS SIM)	Lab SOP	EET CAL 4
615	Herbicides (GC)	EPA-01	EET PEN
8015D	Glycols- Direct Injection (GC/FID)	SW846	EET HOU
EPA 608.3	Organochlorine Pesticides in Water	40CFR136A	EET PIT
EPA 608.3	Polychlorinated Biphenyls (PCBs) (GC)	40CFR136A	EET PIT
300.0	Anions, Ion Chromatography	EPA	EET HOU
1613B	Dioxins and Furans (HRGC/HRMS)	EPA	EET SAC
1631E	Mercury, Low Level (CVAFS)	EPA	EET CLE
200.8	Metals (ICP/MS)	EPA	EET HOU
340.2	Fluoride	EPA	EET PEN
420.4	Phenolics, Total Recoverable	EPA	EET HOU
EPA 335.4	Cyanide, Total	EPA	EET PIT
OIA-1677	Cyanide, Free (Flow Injection)	OI CORP	EET PIT
SM 3500 CR B	Chromium, Hexavalent	SM	EET HOU
SM 3500 CR B	Chromium, Trivalent	SM	EET HOU
Subcontract	604.1 Hexachlorphene (Ana Lab)	None	SPL
Subcontract	614 Parathion and Malathion (Ana Lab)	None	SPL
Subcontract	617 Dicofol (Ana Lab)	None	SPL
Subcontract	622 Guthion, Chlorpyrifos, Demeton, Diazinon (Ana Lab)	None	SPL
Subcontract	632 Carbaryl, Danitol, Diuron (Ana Lab)	None	SPL
1613B	Separatory Funnel (L/L) Extraction with Soxhlet Extraction of Dioxin and Furans	EPA	EET SAC
1631E	Preparation, Mercury, Low Level	EPA	EET CLE
200.8	Preparation, Total Recoverable Metals	EPA	EET HOU
5030C	Purge and Trap	SW846	EET HOU
608	Liquid-Liquid Extraction (Separatory Funnel)	EPA	EET PIT
615	Liquid-Liquid Extraction	EPA-01	EET PEN
625	Liquid-Liquid Extraction	EPA	EET HOU
D7065-11	Liquid-Liquid Extraction (Continuous)	ASTM	EET DEN
Distill/CN	Distillation, Cyanide	None	EET PIT
Organotin	Extraction (Organotins)	WRC	EET CAL 4

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater ", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

ASTM = ASTM International

EPA = US Environmental Protection Agency

EPA-01 = "Methods For The Determination Of Nonconventional Pesticides In Municipal And Industrial Wastewater", EPA/821/R/92/002, April 1992.

Lab SOP = Laboratory Standard Operating Procedure

None = None

OI CORP = OI Corporation Instrument Manual.

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

WRC = WRC Notebook 11431-39, ICI America's Western Research Center May, 1989.

Method Summary

Client: City of Laredo
Job ID: 860-100214-1
Project/Site: Table II & III South Laredo

Method	Method Description	Protocol	Laboratory

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

EET DEN = Eurofins Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

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

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

SPL = SPL Kilgore, 2600 Dudley Rd, Kilgore, TX 75662

Sample Summary

Client: City of Laredo
Job ID: 860-100214-1
Project/Site: Table II & III South Laredo

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
860-100214-1	South Laredo WWTP Effluent	Water	05/06/25 12:00	05/07/25 09:07
860-100214-2	South Laredo WWTP Influent	Water	05/06/25 12:00	05/07/25 09:07
860-100214-3	South Laredo WWTP Effluent LL Hg	Water	05/06/25 12:00	05/07/25 09:07
860-100214-4	South Laredo WWTP Influent LL Hg	Water	05/06/25 12:00	05/07/25 09:07

2600 Dudley Rd. Kilgore, Texas 75662
24 Waterway Avenue, Suite 375 The Woodlands, TX 77380
Office: 903-984-0551 * Fax: 903-984-5914

SPL The Science of Sure®

TABM-G

Project
1146869

Eurofins Test America Houston
Bethany A McDaniel
4145 Greenbriar Drive
Stafford, TX 77477

Printed: 06/09/2025

RESULTS

Sample Results

2406660 **SOUTH LAREDO WWTP EFFLUENT** Received: 05/09/2025

Non-Potable Water | Collected by: Client | Eurofins Test Americ | PO: US1314365193
Taken: 05/06/2025 12:00:00

EPA 604.1 Prepared: 1174942 05/13/2025 13:35:00 Analyzed 1176385 05/20/2025 20:45:00 BRU

	Parameter	Results	Units	RL	Flags	CAS	Bottle
z	Hexachlorophene	<2.71	ug/L	2.71		70-30-4	06

EPA 614 Prepared: 1174952 05/13/2025 14:15:00 Analyzed 1175960 05/15/2025 17:49:00 KAP

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	Azinphos-methyl (Guthion)	<0.0557	ug/L	0.0557		86-50-0	08
NELAC	Demeton	<0.0557	ug/L	0.0557		8065-48-3	08
NELAC	Diazinon	<0.0557	ug/L	0.0557	D	333-41-5	08
NELAC	Malathion	<0.0557	ug/L	0.0557		121-75-5	08
NELAC	Parathion, ethyl	<0.0557	ug/L	0.0557		56-38-2	08
NELAC	Parathion, methyl	<0.050	ug/L	0.050		298-00-0	08

EPA 617 Prepared: 1174951 05/13/2025 14:15:00 Analyzed 1177204 05/15/2025 16:37:00 KAP

	Parameter	Results	Units	RL	Flags	CAS	Bottle
z	Kelthane (Dicofol)	<0.0557	ug/L	0.0557	XD	115-32-2	09

EPA 622 Prepared: 1174952 05/13/2025 14:15:00 Analyzed 1175952 05/15/2025 17:49:00 KAP

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	Chlorpyrifos	<0.050	ug/L	0.050		2921-88-2	08

EPA 632 Prepared: 1174950 05/13/2025 14:15:55 Analyzed 1176590 05/19/2025 18:22:00 BRU

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	Carbaryl (Sevin)	<2.78	ug/L	2.78		63-25-2	07
z	Diuron	<0.0501	ug/L	0.0501		330-54-1	07

Report Page 1 of 6

2600 Dudley Rd. Kilgore, Texas 75662
24 Waterway Avenue, Suite 375 The Woodlands, TX 77380
Office: 903-984-0551 * Fax: 903-984-5914

SPL The Science of Sure

TABM-G

Project 1146869

Eurofins Test America Houston
Bethany A McDaniel
4145 Greenbriar Drive
Stafford, TX 77477

Printed: 06/09/2025

2406665 SOUTH LAREDO WWTP INFLUENT Received: 05/09/2025

Non-Potable Water | Collected by: Client | Eurofins Test Americ | PO: US1314365193
Taken: 05/06/2025 12:00:00

EPA 604.1 Prepared: 1174942 05/13/2025 13:35:00 Analyzed 1176385 05/20/2025 21:18:00 BRU

	Parameter	Results	Units	RL	Flags	CAS	Bottle
z	Hexachlorophene	<2.74	ug/L	2.74		70-30-4	06

EPA 614 Prepared: 1174952 05/13/2025 14:15:00 Analyzed 1175960 05/15/2025 18:16:00 KAP

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	Azinphos-methyl (Guthion)	0.213	ug/L	0.0566		86-50-0	08
NELAC	Demeton	<0.0566	ug/L	0.0566		8065-48-3	08
NELAC	Diazinon	<0.0566	ug/L	0.0566	D	333-41-5	08
NELAC	Malathion	<0.0566	ug/L	0.0566		121-75-5	08
NELAC	Parathion, ethyl	<0.0566	ug/L	0.0566		56-38-2	08
NELAC	Parathion, methyl	<0.050	ug/L	0.050		298-00-0	08

EPA 617 Prepared: 1174951 05/13/2025 14:15:00 Analyzed 1177204 05/15/2025 16:57:00 KAP

	Parameter	Results	Units	RL	Flags	CAS	Bottle
z	Kelthane (Dicofol)	<0.0566	ug/L	0.0566	XD	115-32-2	09

EPA 622 Prepared: 1174952 05/13/2025 14:15:00 Analyzed 1175952 05/15/2025 18:16:00 KAP

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	Chlorpyrifos	<0.050	ug/L	0.050		2921-88-2	08

EPA 632 Prepared: 1174950 05/13/2025 14:15:55 Analyzed 1176590 05/19/2025 18:51:00 BRU

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	Carbaryl (Sevin)	<2.83	ug/L	2.83		63-25-2	07
z	Diuron	<0.051	ug/L	0.051		330-54-1	07

Sample Preparation

2600 Dudley Rd. Kilgore, Texas 75662
24 Waterway Avenue, Suite 375 The Woodlands, TX 77380
Office: 903-984-0551 * Fax: 903-984-5914

SPL The Science of Sure®

TABM-G

Project 1146869

Eurofins Test America Houston
Bethany A McDaniel
4145 Greenbriar Drive
Stafford, TX 77477

Printed: 06/09/2025

2406660 SOUTH LAREDO WWTP EFFLUENT

Received: 05/09/2025

US1314365193

05/06/2025

			Prepared:		05/09/2025	11:47:39	Calculated	05/09/2025	11:47:39 CAL
z	Enviro Fee (per Sampling Group)	Verified							
			Prepared:		05/28/2025	16:24:00	Analyzed	05/28/2025	16:24:00 WJP
z	Check Limits	Completed							
EPA 604.1			Prepared:	1174942	05/13/2025	13:35:00	Analyzed	1174942	05/13/2025 13:35:00 SAE
	Hexachlorophene Extraction	5/921	ml						02
EPA 604.1			Prepared:	1174942	05/13/2025	13:35:00	Analyzed	1176385	05/20/2025 20:45:00 BRU
	Hexachlorophene Expansion	Entered						70-30-4	06
EPA 608.3			Prepared:	1174951	05/13/2025	14:15:00	Analyzed	1174951	05/13/2025 14:15:00 CRS
	Liquid-Liquid Extr. W/Hex Ex	1/898	ml						05
EPA 608.3			Prepared:	1174952	05/13/2025	14:15:00	Analyzed	1174952	05/13/2025 14:15:00 CRS
	Solvent Extraction	1/898	ml						05
EPA 614			Prepared:	1174952	05/13/2025	14:15:00	Analyzed	1175960	05/15/2025 17:49:00 KAP
z	Permit Organophos. Pesticides	Entered							08
EPA 617			Prepared:	1174951	05/13/2025	14:15:00	Analyzed	1177204	05/15/2025 16:37:00 KAP
z	Dicofol Exp.	Entered							09

2600 Dudley Rd. Kilgore, Texas 75662
24 Waterway Avenue, Suite 375 The Woodlands, TX 77380
Office: 903-984-0551 * Fax: 903-984-5914

SPL The Science of Sure®

TABM-G

Project
1146869

Eurofins Test America Houston
Bethany A McDaniel
4145 Greenbriar Drive
Stafford, TX 77477

Printed: 06/09/2025

2406660 SOUTH LAREDO WWTP EFFLUENT

Received: 05/09/2025

US1314365193

05/06/2025

EPA 622	*Prepared:*	*1174952*	*05/13/2025*	*14:15:00*	*Analyzed*	*1175952*	*05/15/2025*	*17:49:00*		*KAP*
NELAC	**For use with EXP !CPP only**	**Entered**								08
EPA 632	*Prepared:*	*1174950*	*05/13/2025*	*14:15:55*	*Analyzed*	*1174950*	*05/13/2025*	*14:15:55*		*CRS*
	Liquid-Liquid Extr. W/Hex Ex	**1/898**	**ml**							05
EPA 632	*Prepared:*	*1174950*	*05/13/2025*	*14:15:55*	*Analyzed*	*1176590*	*05/19/2025*	*18:22:00*		*BRU*
NELAC	**Carbaryl/Diuron EXP**	**Entered**								07

2406665 SOUTH LAREDO WWTP INFLUENT

Received: 05/09/2025

US1314365193

05/06/2025

	Prepared:		*05/28/2025*	*16:24:00*	*Analyzed*		*05/28/2025*	*16:24:00*		*WJP*
z	**Check Limits**	**Completed**								
EPA 604.1	*Prepared:*	*1174942*	*05/13/2025*	*13:35:00*	*Analyzed*	*1174942*	*05/13/2025*	*13:35:00*		*SAE*
	Hexachlorophene Extraction	**5/914**	**ml**							03
EPA 604.1	*Prepared:*	*1174942*	*05/13/2025*	*13:35:00*	*Analyzed*	*1176385*	*05/20/2025*	*21:18:00*		*BRU*
	Hexachlorophene Expansion	**Entered**							**70-30-4**	06

2600 Dudley Rd. Kilgore, Texas 75662
24 Waterway Avenue, Suite 375 The Woodlands, TX 77380
Office: 903-984-0551 * Fax: 903-984-5914

SPL The Science of Sure®

TABM-G

Project 1146869

Eurofins Test America Houston
Bethany A McDaniel
4145 Greenbriar Drive
Stafford, TX 77477

Printed: 06/09/2025

2406665 SOUTH LAREDO WWTP INFLUENT

Received: 05/09/2025

US1314365193

05/06/2025

EPA 608.3	*Prepared:*	*1174951*	*05/13/2025*	*14:15:00*	*Analyzed*	*1174951*	*05/13/2025*	*14:15:00*	*CRS*	
Liquid-Liquid Extr. W/Hex Ex	**1/883**	**ml**								02
EPA 608.3	*Prepared:*	*1174952*	*05/13/2025*	*14:15:00*	*Analyzed*	*1174952*	*05/13/2025*	*14:15:00*	*CRS*	
Solvent Extraction	**1/883**	**ml**								02
EPA 614	*Prepared:*	*1174952*	*05/13/2025*	*14:15:00*	*Analyzed*	*1175960*	*05/15/2025*	*18:16:00*	*KAP*	
z **Permit Organophos. Pesticides**	**Entered**									08
EPA 617	*Prepared:*	*1174951*	*05/13/2025*	*14:15:00*	*Analyzed*	*1177204*	*05/15/2025*	*16:57:00*	*KAP*	
z **Dicofol Exp.**	**Entered**									09
EPA 622	*Prepared:*	*1174952*	*05/13/2025*	*14:15:00*	*Analyzed*	*1175952*	*05/15/2025*	*18:16:00*	*KAP*	
NELAC **For use with EXP !CPP only**	**Entered**									08
EPA 632	*Prepared:*	*1174950*	*05/13/2025*	*14:15:55*	*Analyzed*	*1174950*	*05/13/2025*	*14:15:55*	*CRS*	
Liquid-Liquid Extr. W/Hex Ex	**1/883**	**ml**								02
EPA 632	*Prepared:*	*1174950*	*05/13/2025*	*14:15:55*	*Analyzed*	*1176590*	*05/19/2025*	*18:51:00*	*BRU*	
NELAC **Carbaryl/Diuron EXP**	**Entered**									07

2600 Dudley Rd. Kilgore, Texas 75662
24 Waterway Avenue, Suite 375 The Woodlands, TX 77380
*Office: 903-984-0551 * Fax: 903-984-5914*

TABM-G

Project
1146869

Eurofins Test America Houston
Bethany A McDaniel
4145 Greenbriar Drive
Stafford, TX 77477

Printed: 06/09/2025

Qualifiers:

D - Duplicate RPD was higher than expected

X - Standard reads higher than desired.

We report results on an As Received (or Wet) basis unless marked Dry Weight.

Unless otherwise noted, testing was performed at SPL, Inc.- Kilgore laboratory which holds International, Federal, and state accreditations. Please see our Websites for details.

(N)ELAC - Covered in our NELAC scope of accreditation
z -- Not covered by our NELAC scope of accreditation

These analytical results relate to the sample tested. This report may NOT be reproduced EXCEPT in FULL without written approval of SPL Kilgore. Unless otherwise specified, these test results meet the requirements of NELAC.
RL is the Reporting Limit (sample specific quantitation limit) and is at or above the Method Detection Limit (MDL). CAS is Chemical Abstract Service number. RL is our Reporting Limit, or Minimum Quantitation Level. The RL takes into account the Instrument Detection Limit (IDL), Method Detection Limit (MDL), and Practical Quantitation Limit (PQL), and any dilutions and/or concentrations performed during sample preparation (EQL). Our analytical result must be above this RL before we report a value in the 'Results' column of our report (without a 'J' flag). Otherwise, we report ND (Not Detected above RL), because the result is "<" (less than) the number in the RL column. MAL is Minimum Analytical Level and is typically from regulatory agencies. Unless we report a result in the result column, or interferences prevent it, we work to have our RL at or below the MAL.

Bill Peery

Bill Peery, MS, VP Technical Services

Report Page 6 of 6

Eurofins Corpus Christi
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Phone (361) 289-2471 Phone (361) 289-2673

Chain of Custody Record

Environment Test

Client Information	Sampler: Plant Operator	Lab PM: Maingot, Lindy	Carrier Tracking No(s):	COC No: 560-44531-7784.1
Client Contact: Mr Robert Estrada	Phone: 956-721-2000	E-Mail: Lindy.Maingot@et.eurofinsus.com	State of Origin:	Page: Page 1 of 2
Company: City of Laredo	PWSID:			Job #:
Address: 5816 Daugherty Avenue	Due Date Requested:			
City: Laredo	TAT Requested (days):			
State, Zip: TX, 78041	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 423408			
Email: restrada1@ci.laredo.tx.us	WO #:			
Project Name: Table II & III	Project #: 56000544			
Site: Texas	SSOW#:			

Analysis Requested

Preservation Codes:
A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Y Trizma, Z other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	200.8 Al,Ba,Sb,As,Be,Cd,Cr,Co,Pb,Ni,Se,Ag,Tl,Zn (Pittsburgh)	420.4 Total Phenols (HOUSTON)	335.4_NP Total Cyanide (HOUSTON)	625 SVOCs, Table II & III List (Houston)	617 Dicofol (Ana Lab)	624_5ml VOCs, Table II & III List	608_PCB PCBs (PITTSBURGH)	1631E Low Level Mercury (CANTON)	D7065_11 Nonylphenol (DENVER)	340.2 Fluoride (Pensacola), 300_ORGFMS Nitrate, 3500_CR_B Hexavalent Cr, 3500_CR3_D Tri Cr	SUBCONTRACT 632 Carbaryl, Danitol, Diuron (Ana-Lab)	608 OC Pest, Table II & III List (PITTSBURGH	625.1 (MOD) 625 Nonylphenol (Houston)	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	S	B	N	N	A	N	N	S	N	N	N	N		
South Laredo WWTP Effluent	5/6/25	12 00	C	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	30	*SHORT HOLD TIME *
South Laredo WWTP Influent	5/6/25	12.00	C	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	30	ON ALL BOTTLES
Trip Blank #1				Water																1	EFF& INF are 24h comp
																					Taken every 2h from 5/5/25
																					at 12pm to 5/6/25 at 12pm
																					Vials collected EFF&INF
																					5/5/2025 at 2pm
																					5/6/2025 at 12am
																					5/6/2025 at 12pm

860-100214 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
R CASTANEDA	5-6-2025 / 1505	ET Corpus Christi			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 3.8, 1.9, 2.5, 3.0, 2.5 IR HW468

Ver: 01/16/2019

5/9/2025

Page 69 of 91

Eurofins Corpus Christi
1733 N Padre Island Drive
Corpus Christi, TX 78408
Phone (361) 289-2471 Phone (361) 289-2673

Chain of Custody Record

Environment Testing

Client Information	Sampler: Plant Operator	Lab PM: Maingot, Lindy	Carrier Tracking No(s):	COC No: 560-44531 7784.2
Client Contact: Mr Robert Estrada	Phone: 956-721-2000	E-Mail: Lindy.Maingot@et.eurofinsus.com	State of Origin:	Page: Page 2 of 2
Company: City of Laredo	PWSID:			Job #:
Address: 5816 Daugherty Avenue	Due Date Requested:			
City: Laredo	TAT Requested (days):			
State, Zip: TX, 78041	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 423408			
Email: restrada1@ci.laredo.tx.us	WO #:			
Project Name: Table II & III	Project #: 56000544			
Site: Texas	SSOW#:			

Analysis Requested

Preservation Codes:
A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Y Trizma, Z other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Wwater, Ssolid, Owaste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B Epichlorohydrin (Houston)	8015D_DAL_G (MOD) 8015 Ethylene Glycol (Houston)	SUBCONTRACT 604.1 Hexachlorphene (Ana Lab)	SUBCONTRACT 622 Guthion, Chlorpyrifos, Demeton, Diaz	SUBCONTRACT 614 Parathion and Malathion (Ana Lab)	615 (MOD) 8151 Herbicides (Pensacola)	1613B Dioxins and Furans 1613 (Sacramento)	Organotins_SIM Tributylin (Calscience)	1677_Free Cyanide, Free (Flow Injection) Pittsburg	624_5ml VOCs, Table II & III List (TRIP BLANK)				Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	N	N	N	N	N	N	N	N	A					
South Laredo WWTP Effluent	5/6/25	12 00	C	Water			X	X	X	X	X	X	X	X	X	X					30	*SHORT HOLD TIME *
South Laredo WWTP Influent	5/6/25	12 00	C	Water			X	X	X	X	X	X	X	X	X	X					30	ON ALL BOTTLES
Trip Blank #1				Water																	1	EFF& INF are 24h comp
																						Taken every 2h from 5/5/25
																						at 12pm to 5/6/25 at 12pm
																						Vials collected EFF&INF
																						5/5/2025 at 2pm
																						5/6/2025 at 12am
																						5/6/2025 at 12pm

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II, III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
R Castaneda / R Castaneda	5-6-2025 / 1505	COL			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

6/9/2025

Page 00 of 01

ORIGIN ID:SGRA (281) 240-4200
ADMINISTRATIVE OFFICES
XENCO HOUSTON
4145 GREENBRIAR DR

STAFFORD, TX 77477
UNITED STATES US

SHIP DATE: 08MAY25
ACTWGT: 20.00 LB
CAD: 110189707/INET4535
DIMS: 12x12x12 IN

BILL SENDER

TO EUROFINS CALSCIENCE
EUROFINS CALSCIENCE
2841 DOW AVENUE
SUITE 100
TUSTIN CA 92780
(714) 895-5494 REF:
INV:
PO: DEPT:

58CJ3/6300/C6C4

FedEx Express

FRI - 09 MAY 10:30A
PRIORITY OVERNIGHT

TRK# 0201 8811 2496 9632

92780
SNA
CA-US

A7 DTHA

860-100214 Waybill

After printing this label:
CONSIGNEE COPY - PLEASE PLACE IN FRONT OF POUCH
1. Fold the printed page along the horizontal line.
2. Place label in shipping pouch and affix it to your shipment.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is $1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

ORIGIN ID:SGRA (281) 240-4200
ADMINISTRATIVE OFFICES
XENCO HOUSTON
4145 GREENBRIAR DR
STAFFORD, TX 77477
UNITED STATES US

SHIP DATE: 08MAY25
ACTWGT: 5.00 LB
CAD: 110189707/INET4535
DIMS: 12x12x12 IN
BILL SENDER

TO SHIPPING AND RECEIVING
EUROFINS TEST AMERICA, PITTSBURGH
301 ALPHA DRIVE RIDC PARK
PITTSBURGH PA 15238
(412) 963-7058

REF:
INV:
PO:
DEPT:

58C/3630D/C6C4

FedEx Express

FRI - 09 MAY 10:30A
PRIORITY OVERNIGHT

TRK# 0201 8811 2565 9386

15238
PA-US PIT

NX AGCA

Uncorrected temp
Thermometer ID
CF -0.1°C initials

4.6 °C
25

PT-WI-SR-001 effective 7/26/13

ORIGIN ID:SGRA (281) 240-4200
ADMINISTRATIVE OFFICES
XENCO HOUSTON
4145 GREENBRIAR DR

STAFFORD, TX 77477
UNITED STATES US

SHIP DATE: 08MAY25
ACTWGT: 20.00 LB.
CAD: 110189707/INET4535
DIMS: 12x12x12 IN

BILL SENDER

TO **SHIPPING AND RECEIVING**
EUROFINS TEST AMERICA, PITTSBURGH
301 ALPHA DRIVE RIDC PARK

PITTSBURGH PA 15238
(412) 963-7058
INV:
PO:
REF:
DEPT:

58CJ3/630D/C6C4

Uncorrected temp 4.3 °C
Thermometer ID 25
COF -0.4 / Initials

PT-WI-SR-001 effective 7/26/13

FedEx Express

J252025040801uv

FRI - 09 MAY 10:30A
PRIORITY OVERNIGHT

TRK# 0201 8811 2086 2309

NX AGCA

15238
PA-US PIT

860-10021 4 Waybill

After printing this label:
CONSIGNEE COPY - PLEASE PLACE IN FRONT OF POUCH
1. Fold the printed page along the horizontal line.
2. Place label in shipping pouch and affix it to your shipment.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is $1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone 281-240-4200

0427

Chain of Custody Record

860-100214 Chain of Custody

ins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Maingot, Lindy	) 1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Lindy Maingot@et.eurofinsus co. Texas	Page 1 of 1
Company: Eurofins Environment Testing Northeast L		Accreditations Required (See note): NELAP - Texas	Job #: 860-100214-1
Address: 301 Alpha Drive, RIDC Park,	Due Date Requested: 5/20/2025		Preservation Codes: -
City: Pittsburgh	TAT Requested (days): N/A		
State, Zip: PA, 15238			
Phone: 412-963-7058(Tel) 412-963-2468(Fax)	PO #: N/A		
Email: N/A	WO #: N/A		
Project Name: Table II & III South Laredo	Project #: 56000544		
Site: City of Laredo	SSOW#: N/A		Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ Cyanide, Free (Flow Injection) Pittsburg	608.3_PCB_PREC/608_Prep_PCB Priority Pollutant PCB's	608.3_Pest_PREC/608_Prep Priority Pollutant Pesticides	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
South Laredo WWTP Effluent (860-100214-1)	5/6/25	12:00 Central	G	Water			X	X	X	1	
South Laredo WWTP Influent (860-100214-2)	5/6/25	12.00 Central	G	Water			X	X	X	1	

Note Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank 2	Special Instructions/QC Requirements

Empty Kit Relinquished by	Date:	Time	Method of Shipment:

Relinquished by:	Date/Time: 9-8-25 0900	Company	Received by:	Date/Time: 5/10/25 0940	Company: EFHTNO
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company

Custody Seals Intact. ☐ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks

Ver: 10/10/2024

6/9/2025

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone: 281-240-4200

Chain of Custody Record

eurofins | Environment Testing

860-100214 Chain of Custody

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Maingot, Lindy	18985 1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Lindy Maingot@et.eurofir	1 of 1
Company: Eurofins Environment Testing Northeast L		Accreditations Required: NELAP - Texas	00214-1
Address: 301 Alpha Drive, RIDC Park,	Due Date Requested: 5/20/2025		Preservation Codes:
City: Pittsburgh	TAT Requested (days): N/A		
State, Zip: PA, 15238			
Phone: 412-963-7058(Tel) 412-963-2468(Fax)	PO #: N/A		
Email: N/A	WO #: N/A		
Project Name: Table II & III South Laredo	Project #: 56000544		Other: N/A
Site: City of Laredo	SSOW#: N/A		

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ Cyanide, Free (Flow Injection) Pittsburg	608.3_PCB_PREC/608_Prep_PCB Priority Pollutant PCB's	608.3_Pest_PREC/608_Prep Priority Pollutant Pesticides	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
South Laredo WWTP Effluent (860-100214-1)	5/6/25	12:00 Central	G	Water			X	X	X	3	
South Laredo WWTP Influent (860-100214-2)	5/6/25	12:00 Central	G	Water			X	X	X	3	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC

Possible Hazard Identification
Unconfirmed

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For ______ Months*

Deliverable Requested: I, II, III, IV, Other (specify) — Primary Deliverable Rank: 2

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by: DS	Date/Time: 5/8	Company	Received by: [signature]	Date/Time: 5/10/25 0940	Company: EPTTNS
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No — Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks

Ver: 10/10/2024

Chain of Custody Record

eurofins

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Maingot, Lindy	Carrier Tracking No(s): N/A	COC No: 410-3625022 1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Lindy Maingot@et eurofinsus com	State of Origin: Texas	Page: Page 1 of 1
Company: Eurofins Environment Testing Northeast L		Accreditations Required (See note): NELAP - Texas		Job #: 860-100214-1
Address: 301 Alpha Drive, RIDC Park,	Due Date Requested: 5/13/2025			Preservation Codes: N - None
City: Pittsburgh	TAT Requested (days): N/A			
State, Zip: PA, 15238				
Phone: 412-963-7058(Tel) 412-963-2468(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Table II & III South Laredo	Project #: 56000544			
Site: City of Laredo	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ Cyanide, Free (Flow Injection) Pittsburg	608.3_PCB_PREC/608_Prep_PCB Priority Pollutant PCB's	608.3_Pest_PREC/608_Prep Priority Pollutant Pesticides	335.4/Distill_CN 335 4 Cyanide, Total	Total Number of containers	Special Instructions/Note:
			Preservation Code				N	N	N	N		
South Laredo WWTP Effluent (860-100214-1)	5/6/25	12 00 Central	G	Water			X	X	X	X	1	
South Laredo WWTP Influent (860-100214-2)	5/6/25	12 00 Central	G	Water			X	X	X	X	1	

860-100214 Chain of Custody

Note Since laboratory accreditations are subject to change Eurofins Lancaster Laboratories Environment Testing LLC places the ownership of method analyte & accreditation compliance upon our subcontract laboratories This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Lancaster Laboratories Environment Testing LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Lancaster Laboratories Environment Testing LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Lancaster Laboratories Environment Testing LLC

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank 2	Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment.

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Kristi Adams	5/12/25 1500	ELNET		5/13/25 0920	EFTFNE
2	Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company
3	Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company

Custody Seals Intact. Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks

Ver: 10/10/2024

Chain of Custody Record

eurofins Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Maingot, Lindy	Carrier Tracking No(s): N/A	COC No: 410-3625163 1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Lindy Maingot@et.eurofinsus com	State of Origin: Texas	Page: Page 1 of 1
Company: Eurofins Environment Testing Northeast L		Accreditations Required (See note): NELAP - Texas		Job #: 860-100214-1
Address: 301 Alpha Drive, RIDC Park,	Due Date Requested: 5/13/2025			
City: Pittsburgh	TAT Requested (days): N/A			
State, Zip: PA, 15238				
Phone: 412-963-7058(Tel) 412-963-2468(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Table II & III South Laredo	Project #: 56000544			
Site: City of Laredo	SSOW#: N/A			

Analysis Requested

Preservation Codes: N - None

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ Cyanide, Free (Flow Injection) Pittsburg	608.3_PCB_PREC/608_Prep_PCB Priority Pollutant PCB's	608.3_Pest_PREC/608_Prep Priority Pollutant Pesticides	335.4/Distill_CN 335.4 Cyanide, Total	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N		
South Laredo WWTP Effluent (860-100214-1)	5/6/25	12 00 Central	G	Water			X	X	X	X	1	
South Laredo WWTP Influent (860-100214-2)	5/6/25	12 00 Central	G	Water			X	X	X	X	1	

Note Since laboratory accreditations are subject to change Eurofins Lancaster Laboratories Environment Testing, LLC places the ownership of method analyte & accreditation compliance upon our subcontract laboratories This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Lancaster Laboratories Environment Testing LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Lancaster Laboratories Environment Testing, LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Lancaster Laboratories Environment Testing LLC

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank 2	Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Kitri Adams	5/12/25 1500	ELLET		5/13/25 0920	GPITTNE
2	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
3	Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks

Ver 10/10/2024

Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477
Phone: 281-240-4200

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Maingot, Lindy	Carrier Tracking No(s): N/A	COC No: 860-219136.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Lindy.Maingot@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: Eurofins Environment Testing North Centr		Accreditations Required (See note): NELAP Texas		Job #: 860-100214-1
Address: 180 S. Van Buren Avenue	Due Date Requested: 5/20/2025			Preservation Codes:
City: Barberton	TAT Requested (days): N/A			
State, Zip: OH, 44203				
Phone: 330-497-9396(Tel) 330-497-0772(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Table II & III South Laredo	Project #: 56000544			
Site: City of Laredo	SSOW#: N/A			Other: N/A

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1631E/1631E_Prep Low Level Mercury (CANTON)	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
South Laredo WWTP Effluent (860-100214-1)	5/6/25	12:00 Central	G	Water			X	2	price includes field blank
South Laredo WWTP Influent (860-100214-2)	5/6/25	12:00 Central	G	Water			X	2	price includes field blank
South Laredo WWTP Effluent LL Hg (860-100214-3)	5/6/25	12:00 Central	G	Water			X	2	price includes field blank
South Laredo WWTP Influent LL Hg (860-100214-4)	5/6/25	12:00 Central	G	Water			X	2	price includes field blank

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I II III IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		5-8-25 1200			5/9/25 0930	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Eurofins – Cleveland Sample Receipt Form/Narrative **Login #** _____
Barberton Facility

Client Eurofins Site Name _____ Cooler unpacked by: S

Cooler Received on 5/9/25 Opened on 5/9/25

FedEx. 1st Grd Exp UPS FAS Waypoint Client Drop Off Eurofins Courier Other _____

Receipt After-hours Drop-off Date/Time _____ Storage Location _____

Eurofins Cooler # 5 Foam Box Client Cooler Box Other _____

Packing material used Bubble Wrap Foam Plastic Bag None Other _____

COOLANT Wet Ice Blue Ice Dry Ice Water None

1 Cooler temperature upon receipt ☐ See Multiple Cooler Form

IR GUN # 18 (CF -0.7 °C) Observed Cooler Temp. 3.3 °C Corrected Cooler Temp. 2.6 °C

2.	Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 2	Yes No
	-Were the seals on the outside of the cooler(s) signed & dated?	Yes No NA
	-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes No
	-Were tamper/custody seals intact and uncompromised?	Yes No NA
3	Shippers' packing slip attached to the cooler(s)?	Yes No
4	Did custody papers accompany the sample(s)?	Yes No
5	Were the custody papers relinquished & signed in the appropriate place?	Yes No
6.	Was/were the person(s) who collected the samples clearly identified on the COC?	Yes No
7	Did all bottles arrive in good condition (Unbroken)?	Yes No
8	Could all bottle labels (ID/Date/Time) be reconciled with the COC?	Yes No
9	For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?	
10	Were correct bottle(s) used for the test(s) indicated?	Yes No
11	Sufficient quantity received to perform indicated analyses?	Yes No
12	Are these work share samples and all listed on the COC?	Yes No
	If yes, Questions 13-17 have been checked at the originating laboratory	
13	Were all preserved sample(s) at the correct pH upon receipt?	Yes No NA pH Strip Lot# HC457151
14	Were VOAs on the COC?	Yes No
15	Were air bubbles >6 mm in any VOA vials? ● Larger than this.	Yes No NA
16.	Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # _____	Yes No
17	Was a LL Hg or Me Hg trip blank present? _____	Yes No

Tests that are not checked for pH by Receiving

VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Labeled by:

Labels Verified by:

_____

_____

_____

_____

19 SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired

Sample(s) _____ were received in a broken container

Sample(s) _____ were received with bubble >6 mm in diameter (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory

Time preserved _____ Preservative(s) added/Lot number(s). _____

VOA Sample Preservation - Date/Time VOAs Frozen _____

ORIGIN ID:SGRA (281) 240-4200
ADMINISTRATIVE OFFICES
XENCO HOUSTON
4145 GREENBRIAR DR

STAFFORD, TX 77477
UNITED STATES US

SHIP DATE: 08MAY25
ACTWGT: 20.00 LB
CAD: 110189707/INET4535
DIMS: 12x12x12 IN

BILL SENDER

TO EUROFINS TEST AMERICA CANTON
EUROFINS TEST AMERICA CANTON
180 S VAN BUREN AVENUE

BARBERTON OH 44203
(330) 497-9396 REF:
INV:
PO: DEPT:

58CJ/1630D/C6C4

FedEx Express

FRI - 09 MAY 10:30A
PRIORITY OVERNIGHT

TRK# 0201 8811 2601 8320

44203

NX CAKA

OH-US CLE

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone: 281-240-4200

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Maingot, Lindy	Carrier Tracking No(s): N/A	COC No: 860-219061.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Lindy.Maingot@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Texas		Job #: 860-100214-1
Address: 4955 Yarrow Street, ,	Due Date Requested: 5/15/2025	Analysis Requested		Preservation Codes: -
City: Arvada	TAT Requested (days): N/A			
State, Zip: CO, 80002				
Phone: 303-736-0100(Tel) 303-431-7171(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Table II & III South Laredo	Project #: 56000544			
Site: City of Laredo	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	D7065_11/D7065_11_W_Prep Nonylphenol (DENVER)	Total Number of containers	Special Instructions/Note:
				Preservation Code:	X	X		X	
South Laredo WWTP Effluent (860-100214-1)	5/6/25	12:00 Central	G	Water			X	2	
South Laredo WWTP Influent (860-100214-2)	5/6/25	12:00 Central	G	Water			X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification: Unconfirmed	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
Deliverable Requested: I, II, III, IV, Other (specify) — Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: [signature]	Date/Time: 5-8-25 12n	Company	Received by: [signature]	Date/Time: 05-09-25 0905	Company: EETDEN
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 0.9, 0.8, 0:7.2, IR:[illegible]		

Ver: 10/10/2024

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone: 281-240-4200

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Maingot, Lindy	Carrier Tracking No(s): N/A	COC No: 860-218981 1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Lindy.Maingot@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: Eurofins Environment Testing Northern Ca		Accreditations Required (See note): NELAP Texas		Job #: 860-100214-1
Address: 880 Riverside Parkway	Due Date Requested: 5/20/2025	Analysis Requested		Preservation Codes
City: West Sacramento	TAT Requested (days): N/A			
State, Zip: CA, 95605				
Phone: 916-373-5600(Tel) 916-372-1059(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Tabie II & III South Laredo	Project #: 56000544			
Site: City of Laredo	SSOW#: N/A			Other: N/A

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1613B/1613B_Sox_Sep_P (MOD) Dioxins and Furans 1613 (Sacrament	Total Number of containers	Special Instructions/Note
			Preservation Code:						
South Laredo WWTP Effluent (860-100214-1)	5/6/25	12:00 Central	G	Water			X	1	
South Laredo WWTP Influent (860-100214-2)	5/6/25	12:00 Central	G	Water			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central LLC.

Possible Hazard Identification
Unconfirmed

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* ______ *Months*

Deliverable Requested: I II III IV Other (specify) Primary Deliverable Rank. 2

Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: DS	Date/Time: 5/8	Company	Received by: [signature]	Date/Time: 5/9/25 935	Company: [signature]
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.		Cooler Temperature(s) °C and Other Remarks: 2.4		

Ver: 10/10/2024

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone: 281-240-4200

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Maingot, Lindy	Carrier Tracking No(s): N/A	COC No: 860-218987.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Lindy.Maingot@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: Eurofins Environment Testing Southeast L		Accreditations Required (See note): NELAP - Texas		Job #: 860-100214-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 5/20/2025			Preservation Codes:
City: Pensacola	TAT Requested (days): N/A			
State, Zip: FL, 32514				
Phone: 850-474-1001(Tel) 850-478-2671(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Table II & III South Laredo	Project #: 56000544			
Site: City of Laredo	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	340.2/ 340.2 Fluoride (Pennsacola)	615/615_Prep 615 Herbicides (Pensacola)	Special Instructions/Note:
			Preservation Code:						
South Laredo WWTP Effluent (860-100214-1)	5/6/25	12:00 Central	G	Water			X	X	
South Laredo WWTP Influent (860-100214-2)	5/6/25	12:00 Central	G	Water			X	X	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by: DS	Date/Time: 5/8	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 5/10/25 8:45	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 0.0°C MB

Ver: 10/10/2024

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone: 281-240-4200

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Maingot, Lindy	Carrier Tracking No(s): N/A	COC No: 860-219062.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Lindy.Maingot@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - Texas		Job #: 860-100214-1
Address: 2425 New Holland Pike,	Due Date Requested: 5/21/2025	**Analysis Requested**		Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Table II & III South Laredo	Project #: 56000544			
Site: City of Laredo	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	335.4/Distill_CN 335.4 Cyanide, Total (Lancaster)	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
South Laredo WWTP Effluent (860-100214-1)	5/6/25	12:00 Central	G	Water			X	1	
South Laredo WWTP Influent (860-100214-2)	5/6/25	12:00 Central	G	Water			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification *Unconfirmed*	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)* ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For ____ Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
DJ	5/8				
			Antley Mus	05/09/25 1000	ELLE

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: I2 - 1.9 C: 1.9

Ver: 10/10/2024

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone: 281-240-4200

Chain of Custody Record

eurofins | Enviro

Loc: 860
100214

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Maingot, Lindy	Carrier Tracking No(s): N/A	COC No: 860-219099.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Lindy.Maingot@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: Eurofins Environment Testing Southwest,		Accreditations Required (See note): NELAP - Texas		Job #: 860-100214-1
Address: 2841 Dow Avenue, Suite 100, ,	Due Date Requested: 5/19/2025			Preservation Codes: -
City: Tustin	TAT Requested (days): N/A			
State, Zip: CA, 92780				
Phone: 714-895-5494(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Table II & III South Laredo	Project #: 56000544			
Site: City of Laredo	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Organotins_SIM/OrgTin_W_P Tributylin (Calscience)	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
South Laredo WWTP Effluent (860-100214-1)	5/6/25	12:00 Central	G	Water			X	1	
South Laredo WWTP Influent (860-100214-2)	5/6/25	12:00 Central	G	Water			X	1	

Analysis Requested

860-100214 Chain of Custody

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	5-8-25 1041				
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
				5.9.25 1010	LC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
		4.5 /5.5 IR#2

Ver: 10/10/2024

eurofins | Environment Testing

Sacramento Sample Receiving Notes (SSRN)

Tracking # 881203175330

Job ____

860-100214 Field Sheet

SO / PO / FO / SAT / 2-Day / Ground / UPS / CDO / Courier

GSL / OnTrac / Goldstreak / USPS / Other ____

Use this form to record Sample Custody Seal Cooler Custody Seal Temperature & corrected Temperature & other observations.
File in the job folder with the COC

Therm ID G-11 Corr Factor (+ /) ____ °C

Ice 1 Wet 1 Gel ____ Other ____

Cooler Custody Seal ____

Cooler ID ____

Temp Observed 2.4 °C Corrected 2.4 °C

From Temp Blank ☐ Sandwich ☑ Sidewall ☐

Opening/Processing The Shipment	Yes	No	NA
Cooler compromised/tampered with?	☐	☑	☐
Cooler Temperature is acceptable?	☑	☐	☐
Frozen samples show signs of thaw?	☐	☐	☑

Initials ____ Date 6.9.25

Unpacking/Labeling The Samples	Yes	No	NA
Containers are not broken or leaking?	☑	☐	☐
Samples compromised/tampered with?	☐	☑	☐
COC is complete w/o discrepancies	☑	☐	☐
Sample custody seal?	☐	☐	☑
Sample containers have legible labels?	☑	☐	☐
Sample date/times are provided?	☑	☐	☐
Appropriate containers are used?	☑	☐	☐
Sample bottles are completely filled?	☑	☐	☐
Sample preservatives verified?	☐	☐	☑
Is the Field Sampler's name on COC?	☐	☐	☑
Samples w/o discrepancies?	☑	☐	☐
Zero headspace?*	☐	☐	☑
Alkalinity has no headspace?	☐	☐	☑
Perchlorate has headspace? (Methods 314, 331 6850)	☐	☐	☑
Multiphasic samples are not present?	☑	☐	☐

*Containers requiring zero headspace have no headspace or bubble < 6 mm (1/4")

Initials ____ Date 6.9.25

Notes ____

Trizma Lot #(s) ____

Ammonium Acetate Lot #(s) ____

Login Completion	Yes	No	NA
Receipt Temperature on COC?	☑	☐	☐
NCM Filed?	☐	☐	☑
Samples received within hold time?	☑	☐	☐
Log Release checked in TALS?	☑	☐	☐

Initials ____ Date 6.9.25

Login Sample Receipt Checklist

Client: City of Laredo

Job Number: 860-100214-1

Login Number: 100214

List Number: 1

Creator: Grandits, Corey

List Source: Eurofins Houston

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
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 <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

Login Sample Receipt Checklist

Client: City of Laredo

Job Number: 860-100214-1

Login Number: 100214
List Number: 6
Creator: Mills, Mary

List Source: Eurofins Calscience
List Creation: 05/09/25 08:06 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
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	5.5
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?	N/A	Received project as a subcontract.
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 <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: City of Laredo

Job Number: 860-100214-1

Login Number: 100214
List Number: 4
Creator: Little, Matthew L

List Source: Eurofins Denver
List Creation: 05/09/25 06:03 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
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?	N/A	
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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: City of Laredo

Job Number: 860-100214-1

Login Number: 100214
List Number: 7
Creator: Beecher (Roberts), Alexis J

List Source: Eurofins Pensacola
List Creation: 05/10/25 08:37 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
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	1.5°C IR10
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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: City of Laredo

Job Number: 860-100214-1

Login Number: 100214
List Number: 8
Creator: Watson, Debbie

List Source: Eurofins Pittsburgh
List Creation: 05/10/25 03:23 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
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?	N/A	
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 <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: City of Laredo

Job Number: 860-100214-1

Login Number: 100214
List Number: 5
Creator: Simmons, Jason C

List Source: Eurofins Sacramento
List Creation: 05/09/25 05:33 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= 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.	N/A	
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	2.4c
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?	N/A	Received project as a subcontract.
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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

CITY OF LAREDO UTILITIES DEPARTMENT
Wastewater Laboratory
1701 Shiloh Dr
Laredo, TX 78045

Chain of Custody # _____

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

EL02 APPENDIX L

Grab Sample | Facility Name: **South Laredo Wastewater Treatment Facility** | Facility ID #: **TPDES EPA ID# TX 0085316**

Sample ID:	Sampling Point	Disinfection Type	Chlorine Residual	Test Requested	Results	E. Coli Results (MPN/100mL)
Final Effluent	End of chlorine contact chamber	Chlorine		IDEXX Laboratories Colilert	NA	
			3.8	E.coli (enumeration)		<1.0

Sampled by:	Dawn Hunt	Date: 6-11-2025	Time: 1200	Received by:	Dawn Hunt	Date: 6-11-2025	Time: 1225
Relinquished by:	Dawn Hunt	Date: 6-11-2025	Time: 1128	Received by: Lab:	J Gong	Date: 6/11/25	Time: 1139

Laboratory:

Sample Arrival Condition: Iced Sample Arrival Volume: 100ml Sample arrival temp. observed/ corrected: 0.4°C 10.4°C

Sample Accepted: ✓ Sample Rejected: _____ Chlorine Residual : 0.00 Cl Strip Lot # & Exp. Date: 432040 2717

Date & Time Analysis Started: 6.11.25 @ 1148 Date & Time Analysis Finished: 6.12.25 @ 1145

Date & Time Results Reported to: _____ Reported By: J. Gong

Acceptable: ✓ **Not Acceptable:** _____

Laboratory Contact: Melissa Villarreal, 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: ☐	

ATTACHMENT J

Summary of WET Test Results
Wks 5.0 Section 3

ATTACHMENT J
CITY OF LAREDO
SOUTH LAREDO WASTEWATER TREATMENT FACILITY
TPDES PERMIT RENEWAL APPLICATION
SUMMARY OF WET TESTS RESULTS

24-Hour Acute

Test Date	Test Species	NOEC Lethal
2/3/2021	Daphnia pulex	>100% Effluent
2/3/2021	Pimpephales promelas	>100% Effluent
8/11/2021	Daphnia pulex	>100% Effluent
8/11/2021	Pimpephales promelas	>100% Effluent
10/21/2021	Daphnia pulex	>100% Effluent
10/21/2021	Pimpephales promelas	>100% Effluent
5/18/2023	Daphnia pulex	>100% Effluent
5/18/2023	Pimpephales promelas	>100% Effluent
10/18/2023	Daphnia pulex	>100% Effluent
10/18/2023	Pimpephales promelas	>100% Effluent

48-Hour Acute

Test Date	Test Species	IC25 Survival
2/3/2021	Daphnia pulex	>43% Effluent
2/3/2021	Pimpephales promelas	>43% Effluent
5/13/2021	Daphnia pulex	>43% Effluent
5/13/2021	Pimpephales promelas	>43% Effluent
8/11/2021	Daphnia pulex	>43% Effluent
8/11/2021	Pimpephales promelas	>43% Effluent
10/21/2021	Daphnia pulex	>43% Effluent
10/21/2021	Pimpephales promelas	>43% Effluent
1/26/2023	Daphnia pulex	>43% Effluent
1/26/2023	Pimpephales promelas	>43% Effluent
5/18/2023	Daphnia pulex	>43% Effluent
5/18/2023	Pimpephales promelas	>43% Effluent
7/26/2023	Daphnia pulex	>43% Effluent
7/26/2023	Pimpephales promelas	>43% Effluent
10/18/2023	Daphnia pulex	>43% Effluent
10/18/2023	Pimpephales promelas	>43% Effluent

ATTACHMENT K

Effluent Parameters Above the MAL
Wks 6.0 Section 2.C

ATTACHMENT K
CITY OF LAREDO
SOUTH LAREDO WASTEWATER TREATMENT FACILITY
TPDES PERMIT RENEWAL APPLICATION
EFFLUENT PARAMETERS ABOVE THE MAL

Pollutant	Concentration	MAL	Units	Date
Aluminum	59	2.5	µg/L	8/23/2022
Aluminum	25	2.5	µg/L	11/2/2022
Aluminum	270	2.5	µg/L	2/9/2023
Aluminum	190	2.5	µg/L	5/2/2023
Aluminum	40	2.5	µg/L	8/2/2023
Aluminum	92	2.5	µg/L	11/2/2023
Aluminum	16	2.5	µg/L	8/6/2024
Aluminum	30	2.5	µg/L	11/5/2024
Aluminum	29	2.5	µg/L	2/5/2025
Aluminum	47	2.5	µg/L	5/6/2025
Arsenic	0.98	0.5	µg/L	8/23/2022
Arsenic	0.77	0.5	µg/L	11/2/2022
Arsenic	1.5	0.5	µg/L	8/2/2023
Arsenic	0.58	0.5	µg/L	2/6/2024
Arsenic	1.6	0.5	µg/L	8/6/2024
Arsenic	1.3	0.5	µg/L	11/5/2024
Arsenic	0.93	0.5	µg/L	2/5/2025
Arsenic	1.1	0.5	µg/L	5/6/2025
Barium	66	3	µg/L	8/23/2022
Barium	73	3	µg/L	11/2/2022
Barium	93	3	µg/L	2/9/2023
Barium	86	3	µg/L	5/2/2023
Barium	63	3	µg/L	8/2/2023
Barium	68	3	µg/L	11/2/2023
Barium	56	3	µg/L	2/6/2024
Barium	50	3	µg/L	8/6/2024
Barium	60	3	µg/L	11/5/2024
Barium	71	3	µg/L	2/5/2025
Barium	63	3	µg/L	5/6/2025
Bis(2-Ethylhexyl)Phthalate	13	10	µg/L	5/2/2023
Bromodichloromethane	59	10	µg/L	5/6/2025
Chlorodibromomethane	21	10	µg/L	5/6/2025
Chloroform	93	10	µg/L	5/6/2025
Copper	3.9	2	µg/L	8/23/2022
Copper	5.1	2	µg/L	11/2/2022
Copper	31	2	µg/L	2/9/2023
Copper	16	2	µg/L	5/2/2023

ATTACHMENT K
CITY OF LAREDO
SOUTH LAREDO WASTEWATER TREATMENT FACILITY
TPDES PERMIT RENEWAL APPLICATION
EFFLUENT PARAMETERS ABOVE THE MAL

Pollutant	Concentration	MAL	Units	Date
Copper	4.4	2	µg/L	8/2/2023
Copper	12	2	µg/L	11/2/2023
Copper	5.1	2	µg/L	8/6/2024
Copper	4.4	2	µg/L	11/5/2024
Copper	7.6	2	µg/L	2/5/2025
Copper	2.7	2	µg/L	2/6/2025
Copper	3.8	2	µg/L	5/6/2025
Fluoride	640	500	µg/L	5/2/2023
Fluoride	740	500	µg/L	5/6/2025
Lead	0.69	0.5	µg/L	2/9/2023
Mercury	0.013	0.005	µg/L	11/2/2023
Mercury	0.006	0.005	µg/L	11/5/2025
Nickel	2.2	2	µg/L	8/23/2022
Nickel	3.7	2	µg/L	2/9/2023
Nickel	2.9	2	µg/L	5/2/2023
Nickel	3	2	µg/L	8/2/2023
Nickel	6.8	2	µg/L	11/2/2023
Nickel	2.1	2	µg/L	2/6/2024
Nickel	2.9	2	µg/L	8/6/2024
Nickel	2.2	2	µg/L	11/5/2024
Nickel	2.1	2	µg/L	2/5/2025
Nickel	3.3	2	µg/L	5/6/2025
Nitrate-Nitrogen	18,000	100	µg/L	5/2/2023
Nitrate-Nitrogen	25,000	100	µg/L	5/6/2025
p-Cresol	78	10	µg/L	5/2/2023
Phenol	41	10	µg/L	5/2/2023
Phenols	85	10	µg/L	2/9/2023
Total Trihalomethanes	170	10	µg/L	5/6/2025
Zinc	20	5	µg/L	8/23/2022
Zinc	10	5	µg/L	11/2/2022
Zinc	120	5	µg/L	2/9/2023
Zinc	78	5	µg/L	5/2/2023
Zinc	42	5	µg/L	8/2/2023
Zinc	48	5	µg/L	11/2/2023
Zinc	51	5	µg/L	8/6/2024
Zinc	28	5	µg/L	11/5/2024
Zinc	38	5	µg/L	2/5/2025

ATTACHMENT K
CITY OF LAREDO
SOUTH LAREDO WASTEWATER TREATMENT FACILITY
TPDES PERMIT RENEWAL APPLICATION
EFFLUENT PARAMETERS ABOVE THE MAL

Pollutant	Concentration	MAL	Units	Date
Zinc	31	5	µg/L	2/6/2025
Zinc	26	5	µg/L	5/6/2025

Candice Calhoun

From: Garoutte, Alexandra <ahughes@plummer.com>
Sent: Monday, July 14, 2025 2:11 PM
To: Candice Calhoun
Cc: Koenings, Tres; Tomas Hernandez
Subject: RE: Application to Renew Permit No. WQ0010681003 (City of Laredo) - Notice of Deficiency
Attachments: 20250714_NOD Response_Compiled.pdf; Municipal Discharge Renewal Spanish NORI.docx

Good afternoon,

Please see the attached response to be notice of deficiency letter dated July 11, 2025. You may reach out to me with any questions.

Thank you,

Alexandra Garoutte
Scientist in Training III
Plummer

P: 512.452.5905
D: 737.304.7204
www.plummer.com

From: Candice Calhoun <Candice.Calhoun@tceq.texas.gov>
Date: July 11, 2025 at 10:19:49 AM CDT
To: thernandez@ci.laredo.tx.us
Cc: "Koenings, Tres" <tkoenings@plummer.com>
Subject: Application to Renew Permit No. WQ0010681003 (City of Laredo) - Notice of Deficiency

Good morning, Mr. Hernandez,

The attached Notice of Deficiency (NOD) letter dated July 11, 2025, requests additional information needed to declare the application administratively complete. Please send complete response no later than July 25, 2025.

Please let me know if you have any questions.

Regards,

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

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

PLUMMER

1107-009-01

July 14, 2025

Ms. Candice Calhoun
Texas Commission on Environmental Quality
Applications Review and Processing Team
Building F, Room 2101
12100 Park 35 Circle
Austin, Texas 78753

Re: Application to Renew Permit No. WQ0010681003
City of Laredo (CN600131908)
South Laredo Wastewater Treatment Facility (RN103026126)

Dear Ms. Calhoun:

On behalf of the City of Laredo, Plummer Associates, Inc. (Plummer) provides the following response to your Notice of Deficiency (NOD) letter dated July 11, 2025, regarding the application to renew the Texas Pollutant Discharge Elimination System (TPDES) permit for the above-referenced facility. The responses are provided in the order presented in your NOD letter. A copy of your NOD letter is provided as Enclosure A.

1. **Original Paper Copy**: The original paper copy of the application was hand delivered to the TCEQ mailroom on July 9, 2025. A copy of the stamped cover letter is included as Enclosure B.
2. **Application Fee**: Check No. 117396 for the application fee was hand delivered to the TCEQ mailroom on July 9, 2025. A copy of the stamped cover letter is included as Enclosure C.
3. **Notice of Receipt of Application and Intent to Obtain a Water Quality Permit (NORI):** Plummer has reviewed the proposed NORI language and requests the following changes:

   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. WQ0010681003 (EPA I.D. No. TX0085316) to authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 18,000,000 gallons per day. The domestic wastewater treatment facility is located at 309 River Front Street, in the city of Laredo, in Webb County, Texas 78046. The discharge route is from the plant site directly to Rio Grande Below Amistad Reservoir. TCEQ received this application on July 9, 2025. The permit application will be available for viewing and copying at Joe A. Guerra Laredo Public Library, 1st Floor, 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.

8911 N Capital of TX Hwy
Bldg 1 – Ste 1250
Austin, Texas 78752
Phone 512.452.5905
plummer.com
TBPE Firm No. 13

https://gisweb.tceq.texas.gov/LocationMapper/?marker=~~-103.7705,31.944722~~-99.490090, 27.447731&level=18

Further information may also be obtained from City of Laredo at the address stated above or by calling Mr. Ramon Chavez, P.E., Engineering Department Director, at 956-791-7302.

4. **Spanish NORI**: The translated Spanish NORI is provided as Enclosure D. The changes requested in Item No. 3 are reflected in the Spanish NORI.

Please feel free to contact me at tkoenings@plummer.com or (512) 923-5580, if you have any questions regarding this submittal.

Sincerely,

PLUMMER
TBPE Firm Registration No. F-13

Tres Koenings

Tres Koenings
Senior Project Manager

Enclosures (4)

cc: Mr. Tomas Hernandez, Wastewater Superintendent, City of Laredo

8911 N Capital of TX Hwy
Bldg 1 – Ste 1250
Austin, Texas 78752
Phone 512.452.5905
plummer.com
TBPE Firm No. 13

ENCLOSURE A
Notice of Deficiency Letter
July 11, 2025

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

July 11, 2025

Mr. Tomas Hernandez
Wastewater Superintendent
City of Laredo
5816 Daugherty Avenue
Laredo, Texas 78041

RE: Application to Renew Permit No.: WQ0010681003 (EPA I.D. No. TX0085316)
Applicant Name: City of Laredo (CN600131908)
Site Name: South Laredo WWTP (RN103026126)
Type of Application: Renewal without changes

VIA EMAIL

Dear Mr. Hernandez:

We have received the application for the above referenced permit, and it is currently under review. Your attention to the following item(s) are requested before we can declare the application administratively complete. Please submit responses to the following items via email. ***In addition, please submit one original hard copy (including a cover letter) of the complete response.***

1. Our records indicate that an original paper copy of the application was not received. The original paper copy and e-copy of the application are both required. Please submit the original paper copy of the application to: ***Texas Commission on Environmental Quality, Water Quality Division, Application Review and Processing Team (MC 148), P.O. Box 13087, Austin, Texas 78711-3087.***

2. Application Fee on page 1 of the administrative report: We were unable to confirm payment of the application processing fee. The filing fee for your application is $2,015.00. Please submit payment to: ***TCEQ, Revenue Section (MC 214), P.O. Box 13088, Austin, Texas 78711-3088.*** Also, provide a copy of the check along with the response to this letter.

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

APPLICATION. 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. WQ0010681003 (EPA I.D. No. TX0085316) to authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 18,000,000 gallons per day. The domestic wastewater treatment facility is located at 309 River Front Street, in the city of Laredo, in Webb County, Texas 78046. The discharge route is from the plant site directly to Rio Grande Below Amistad Reservoir. TCEQ received this application on July 9, 2025. The permit application will be available for viewing and copying at Joe A. Guerra Laredo Public Library, 1st Floor, 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=-103.7705,31.944722&level=18

Further information may also be obtained from City of Laredo at the address stated above or by calling Mr. Ramon Chavez, P.E., Engineering Department Director, at 956-791-7302.

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

Please submit the complete response, addressed to my attention by July 25, 2025. If you should have any questions, please do not hesitate to contact me by phone at (512) 239-4312 or by email at candice.calhoun@tceq.texas.gov

Sincerely,

C. Calhoun

Candice Calhoun
Applications Review and Processing Team (MC148)
Water Quality Division
Texas Commission of Environmental Quality

cgc

Enclosure(s)

Attachment 1 – Municipal Discharge Renewal Spanish NORI

cc: Mr. Tres Koenings, Senior Project Manager, Plummer Associates, Inc., 8911 North Capital of Texas Highway, Building 1, Suite 1250, Austin, Texas 78759

ENCLOSURE B
Stamped Permit Application Cover Letter
July 9, 2025

PLUMMER

1107-009-01:C

July 9, 2025

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

Re: City of Laredo (CN600131908)
South Laredo Wastewater Treatment Facility (RN103026126)
Application for Renewal of Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0010681003

To Whom It May Concern:

On behalf of the City of Laredo, Plummer Associates, Inc. (Plummer) submits one original and one copy of a TPDES permit application for the above-referenced facility. The application fee of $2,015.00 has been submitted under separate cover.

Please feel free to contact me at tkoenings@plummer.com or (512) 923-5580 if you have any questions regarding this submittal.

Sincerely,

PLUMMER
TBPE Firm Registration No. F-13

Tres Koenings

Tres Koenings
Senior Project Manager

RECEIVED
JUL 09 2025
TCEQ MAIL CENTER

Enclosures: Domestic TPDES Permit Renewal Application (1 Original)

cc: Mr. Tomas Hernandez, Wastewater Superintendent, City of Laredo

8911 N Capital of Texas Hwy, Ste 1250
Austin, Texas 78759
Phone 512.452.5905
plummer.com
TBPE Firm No. 13

ENCLOSURE C
Stamped Application Fee Check Cover Letter
July 9, 2025

PLUMMER

1107-009-01:C

July 9, 2025

Texas Commission on Environmental Quality
Financial Administration Division
Cashier's Office, MC-214
P.O. Box 13088
Austin, TX 78711-3088

Re: City of Laredo (CN600131908)
South Laredo Wastewater Treatment Facility (RN103026126)
Application for Renewal of Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0010681003

To Whom It May Concern:

On behalf of the City of Laredo, Plummer Associates, Inc. (Plummer) submits the application fee of $2,015.00 for the above-referenced permit.

Please feel free to contact me at tkoenings@plummer.com or (512) 923-5580 if you have any questions regarding this submittal.

Sincerely,

PLUMMER
TBPE Firm Registration No. F-13

Tres Koenings

RECEIVED
JUL 08 2025
TCEQ MAIL CENTER

Tres Koenings
Senior Project Manager

Enclosures: Application Fee Check

cc: Mr. Tomas Hernandez, Wastewater Superintendent, City of Laredo

8911 N Capital of Texas Hwy.
Bldg 1 - Ste 1250
Austin, Texas 78759
Phone 512.452.5905
plummer.com
TBPE Firm No. 13

Enclosure D
Spanish NORI

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. WQ0010681003

SOLICITUD. La 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. WQ0010681003 (EPA I.D. No. TX0085316) 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 18,000,000 galones por día. La planta está ubicada 309 River Front Street en el Condado de Webb, Texas 78046. La ruta de descarga es del sitio de la planta directamente a Río Grande debajo del embalse de la Amistad. La TCEQ recibió esta solicitud el 9 de julio de 2025. La solicitud para el permiso estará disponible para leerla y copiarla en Biblioteca Pública Joe A. Guerra de Laredo, 1.er piso, Mostrador de referencia, 1120 East Calton Road, Laredo, Condado de Webb, 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=-99.490090,27.447731&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 especifico. Si desea que se agrega su nombre en una de las listas designe cual lista(s) y envía por correo su pedido a la Oficina del Secretario Principal de la TCEQ.

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

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

También se puede obtener información adicional del la Ciudad de Laredo a la dirección indicada arriba o llamando a Sr. Ramon Chavez, P.E. al 956-791-7302.

Fecha de emisión: *[Date notice issued]*