



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
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-



Portada de Paquete Administrativo

Este archivo contiene los siguientes documentos:

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



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

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

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.

Clear Lake City Water Authority (CN600270102) operates Robert T. Savely Water Reclamation Facility (RN101440485), an activated sludge process plant utilizing gravity sand filters and ultraviolet disinfection. The facility is located at 14210 Middlebrook Drive, in Houston, Harris County, Texas 77058. This application is for a renewal to discharge treated domestic wastewater at an annual average flow of 10,000,000 gallons per day.

Discharges from the facility are expected to contain 5-day carbonaceous biochemical oxygen demand (CBOD₅), total suspended solids (TSS), ammonia nitrogen (NH₃-N), and enterococci. Additional pollutants are included in the Domestic Technical, and Report 1.0, Section 7 and Worksheet 4.0. Domestic and process wastewater is treated by an activated sludge process with the following treatment units; bar screens, aeration basins, clarifiers, gravity sand filters, UV disinfection, digesters, and belt thickeners.

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

AGUAS RESIDUALES DOMÉSTICAS /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.

Autoridad del Agua de Clear Lake Ciudad (CN600270102) opera Planta de recuperación de agua Robert T. Savely RN101440485, una planta de proceso de lodos activados que utiliza filtros de arena por gravedad y desinfección ultravioleta.. La instalación está ubicada en 14210 Middlebrook Drive, en Houston, Condado de Harris, Texas 77058. Esta solicitud es para una renovación para descargar aguas residuales domésticas tratadas con un flujo promedio anual de 10,000,000 de galones por día..

Se espera que las descargas de la instalación contengan demanda bioquímica de oxígeno carbonoso de 5 días (CBOD5), sólidos suspendidos totales (TSS), nitrógeno amoniacal (NH3-N) y enterococos. Se incluyen contaminantes adicionales en el Informe Técnico Nacional 1.0, Sección 7 y Hoja de Trabajo 4.0. Las aguas residuales domésticas y de proceso. están tratado por un proceso de lodos activados con las siguientes unidades de tratamiento: rejillas de barras, tanques de aireación, clarificadores, filtros de arena por gravedad, desinfección UV, digestores y espesadores de banda.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



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

PERMIT NO. WQ0010539001

APPLICATION. Clear Lake City Water Authority, 900 Bay Area Boulevard, Houston, Texas 77058, has applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0010539001 (EPA I.D. No. TX0022543) to authorize the discharge of treated wastewater at a volume not to exceed an annual average flow of 10,000,000 gallons per day. The domestic wastewater treatment facility is located at 14210 Middlebrook Drive, near the city of Houston, in Harris County, Texas 77058. The discharge route is from the plant site to Horsepen Bayou, thence to Armand Bayou tidal. TCEQ received this application on October 14, 2025. The permit application will be available for viewing and copying at Clear Lake City Water Authority Office, 900 Bay Area Boulevard, Houston, in Harris 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=-95.092222,29.5775&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 Clear Lake City Water Authority at the address stated above or by calling Mr. Frank Elliott, Wastewater Superintendent, at 281-488-2400.

Issuance Date: November 6, 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. WQ0010539001

SOLICITUD. Clear Lake City Water Authority, 900 Bay Area Boulevard, Houston, Texas 77058, ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para renovar el Permiso No. WQ0010539001 (EPA I.D. No. TX0022543) 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 anual de 10,000,000 galones por día. La planta está ubicada 14210 Middlebrook Drive, en el Condado de Harris, Texas 77058. La ruta de descarga es del sitio de la planta hasta Horsepen Bayou, y de ahí hasta Armand Bayou tidal. La TCEQ recibió esta solicitud el 14 de octubre de 2025. La solicitud para el permiso estará disponible para leerla y copiarla en Clear Lake City Water Authority Office, 900 Bay Area Boulevard, Houston, Texas, Condado de Harris 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=-95.092222,29.5775&level=18>

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

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

COMENTARIO PUBLICO / REUNION PUBLICA. Usted puede presentar comentarios públicos o pedir una reunión pública sobre esta solicitud. El propósito de una reunión pública es dar la oportunidad de presentar comentarios o hacer preguntas acerca de la solicitud. La TCEQ

realiza una reunión pública si el Director Ejecutivo determina que hay un grado de interés público suficiente en la solicitud o si un legislador local lo pide. Una reunión pública no es una audiencia administrativa de lo contencioso.

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

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

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

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

LISTA DE CORREO. Si somete comentarios públicos, un pedido para una audiencia administrativa de lo contencioso o una reconsideración de la decisión del Director Ejecutivo,

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

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

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

También se puede obtener información adicional del Clear Lake City Water Authority a la dirección indicada arriba o llamando a Señor Frank Elliott, Superintendente de Aguas Residuales, al 281-488-2400.

Fecha de emisión: 6 de noviembre de 2025



12141 Wickchester Lane
Suite 200
Houston, TX 77079
TEL 713.491.8333
FAX 713.395.5486
www.GarverUSA.com

October 14, 2025

Applications Review and Processing Team (MC148)
Texas Commission of Environmental Quality
12100 Park 35 Circle
Austin, TX 78753

RE: Clear Lake City Water Authority (CN600270102)
Municipal Wastewater Treatment Plant
Application for Renewal of Texas Pollutant Discharge Elimination System
TPDES Permit No. WQ0010539001

To Whom It May Concern:

On behalf of the Clear Lake City Water Authority, Garver submits one original and a digital copy of a renewal application for the above referenced permit. The application fee of \$2,015.00 for the Domestic Wastewater Permit Application has been submitted to the Texas Commission on Environmental Quality Cashier's Office (MC-214) via ePay and the voucher is included in the application.

Please feel free to contact me at ARMacmanus@GarverUSA.com or (979) 321-7756, if you have any questions regarding this submittal.

Alec Macmanus, PE
Project Engineer

cc: Frank Elliot, CLCWA
Wade Parks, Garver
Cynthia Robinson, Garver



TCEQ Domestic Wastewater Permit Renewal

Robert T. Savely Water Reclamation Facility

Clear Lake City Water Authority

Permit Number WQ0010539001



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List of Attachments

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Attachment C	Supplemental Permit Information Form (SPIF)
Attachment D	Process Flow Diagram
Attachment E	Site & Buffer Zone Map
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Administrative Report 1.0





TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST

Complete and submit this checklist with the application.

APPLICANT NAME: Clear Lake City Water Authority

PERMIT NUMBER (If new, leave blank): WQ0010539001

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:
Check/Money Order Amount:
Name Printed on Check:
EPAY Voucher Number: 783826 & 783827
Copy of Payment Voucher enclosed? Yes ☒

Section 2. Type of Application (Instructions Page 26)

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

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

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

- ☒ Active ☐ Inactive

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

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

d. Check the box next to the appropriate application type

- | | |
|---|---|
| ☐ New | |
| ☐ Major Amendment <u>with</u> Renewal | ☐ Minor Amendment <u>with</u> Renewal |
| ☐ Major Amendment <u>without</u> Renewal | ☐ Minor Amendment <u>without</u> Renewal |
| ☒ Renewal without changes | ☐ Minor Modification of permit |

e. For amendments or modifications, describe the proposed changes: [Click to enter text.](#)

f. For existing permits:

Permit Number: WQ00 10539001

EPA I.D. (TPDES only): TX 0022543

Expiration Date: April 16, 2026

Section 3. Facility Owner (Applicant) and Co-Applclicant 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?

Clear Lake City Water Authority

(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: 600270102

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: Ms.

Last Name, First Name: Morrow, Jennifer

Title: General Manager

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

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

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

[Click to enter text.](#)

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

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

CN: Click to enter text.

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

Prefix: Click to enter text.

Last Name, First Name: Click to enter text.

Title: Click to enter text.

Credential: Click to enter text.

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

C. Core Data Form

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

Section 4. Application Contact Information (Instructions Page 27)

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

A. Prefix: Mr.

Last Name, First Name: Elliott, Frank

Title: Water Superintendent

Credential: Click to enter text.

Organization Name: Clear Lake City Water Authority

Mailing Address: 14210 Middlebrooke Dr. City, State, Zip Code: Houston, TX 77058

Phone No.: 281-488-2400

E-mail Address: F.elliott@clcwa.org

Check one or both: ☒ Administrative Contact ☒ Technical Contact

B. Prefix: Mr.

Last Name, First Name: Parks, Wade

Title: Project Manager

Credential: P.E.

Organization Name: Garver, LLC

Mailing Address: 12141 Wickchester Lane, Suite 200 City, State, Zip Code: Houston, Texas 77079

Phone No.: 713-395-4285

E-mail Address: WPParks@GarverUSA

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: Elliott, Frank

Title: Wastewater Superintendent

Credential: Click to enter text.

Organization Name: Clear Lake City Water Authority

Mailing Address: 14210 Middlebrooke Dr. City, State, Zip Code: Houston, TX 77058

Phone No.: 281-488-2400

E-mail Address: F.elliott@clcwa.org

B. Prefix: Mr. Last Name, First Name: Salgado, Alex
Title: Utility Operations Engineer Credential: Click to enter text.
Organization Name: Clear Lake City Water Authority
Mailing Address: 900 Bay Area Blvd City, State, Zip Code: Houston, TX 77058
Phone No.: 281-488-1164 E-mail Address: a.salgado@clcwa.org

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: Ms. Last Name, First Name: Morrow, Jennifer
Title: General Manager Credential: Click to enter text.
Organization Name: Clear Lake City Water Authority
Mailing Address: 900 Bay Area Blvd. City, State, Zip Code: Houston, TX 77058
Phone No.: 281-488-1164 E-mail Address: J.Morrow@clcwa.org

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: Elliott, Frank
Title: Wastewater Superintendent Credential: Click to enter text.
Organization Name: Clear Lake City Water Authority
Mailing Address: 14210 Middlebrooke Dr. City, State, Zip Code: Houston, TX 77058
Phone No.: 281-488-2400 E-mail Address: F.elliott@clcwa.org

Section 8. Public Notice Information (Instructions Page 27)

A. Individual Publishing the Notices

Prefix: Mr. Last Name, First Name: Elliott, Frank
Title: Wastewater Superintendent Credential: Click to enter text.
Organization Name: Clear Lake City Water Authority
Mailing Address: 14210 Middlebrooke Dr. City, State, Zip Code: Houston, TX 77058
Phone No.: 281-488-2400 E-mail Address: F.elliott@clcwa.org

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: Elliott, Frank

Title: Wastewater Superintendent

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

Organization Name: Clear Lake City Water Authority

Mailing Address: 14210 Middlebrooke Dr. City, State, Zip Code: Houston, TX 77058

Phone No.: 281-488-2400

E-mail Address: F.elliott@clcwa.org

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: Clear Lake City Water Authority Office

Location within the building: Front Desk

Physical Address of Building: 900 Bay Area Blvd

City: Houston

County: Harris

Contact (Last Name, First Name): Elliott, Frank

Phone No.: 281-488-2400 Ext.: [Click to enter text.](#)

E. Bilingual Notice Requirements

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

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

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

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

☒ Yes

☐ No

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

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

☒ Yes

☐ No

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

☐ Yes ☒ No

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

☐ Yes ☒ No

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

G. Public Involvement Plan Form

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

Attachment: N/A

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

A. If the site is currently regulated by TCEQ, provide the Regulated Entity Number (RN) issued to this site. RN 101440485

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):

Robert T. Savely Water Reclamation Facility

C. Owner of treatment facility: Clear Lake City Water Authority

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

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

Prefix: Click to enter text.

Last Name, First Name: Clear Lake City Water Authority

Title: Click to enter text.

Credential: Click to enter text.

Organization Name: Click to enter text.

Mailing Address: 14210 Middlebrooke Dr City, State, Zip Code: Houston, TX 77058

Phone No.: 281-488-2400

E-mail Address: F.elliott@clcwa.org

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

Attachment: Click to enter text.

E. Owner of effluent disposal site:

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

Last Name, First Name: [Click to enter text.](#)

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

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

Organization Name: [Click to enter text.](#)

Mailing Address: [Click to enter text.](#)

City, State, Zip Code: [Click to enter text.](#)

Phone No.: [Click to enter text.](#)

E-mail Address: [Click to enter text.](#)

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

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

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

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

Last Name, First Name: [Click to enter text.](#)

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

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

Organization Name: [Click to enter text.](#)

Mailing Address: [Click to enter text.](#)

City, State, Zip Code: [Click to enter text.](#)

Phone No.: [Click to enter text.](#)

E-mail Address: [Click to enter text.](#)

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

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

Section 10. TPDES Discharge Information (Instructions Page 31)

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

☒ Yes ☐ No

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

[Click to enter text.](#)

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

☒ Yes ☐ No

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

[Click to enter text.](#)

City nearest the outfall(s): Pasadena, TX

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

C. Is or will the treated wastewater discharge to a city, county, or state highway right-of-way, or a flood control district drainage ditch?

☒ Yes ☐ No

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

- ☐ Authorization granted ☐ Authorization pending

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

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

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

Section 11. TLAP Disposal Information (Instructions Page 32)

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

☐ Yes ☐ No

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

[Click to enter text.](#)

- B. City nearest the disposal site: [Click to enter text.](#)

- C. County in which the disposal site is located: [Click to enter text.](#)

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

[Click to enter text.](#)

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

Section 12. Miscellaneous Information (Instructions Page 32)

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

☐ Yes ☒ No

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

☐ Yes ☐ No ☒ Not Applicable

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

[Click to enter text.](#)

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

☐ Yes ☒ No

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

D. Do you owe any fees to the TCEQ?

☐ Yes ☒ No

If yes, provide the following information:

Account number: [Click to enter text.](#)

Amount past due: [Click to enter text.](#)

E. Do you owe any penalties to the TCEQ?

☐ Yes ☒ No

If yes, please provide the following information:

Enforcement order number: [Click to enter text.](#)

Amount past due: [Click to enter text.](#)

Section 13. Attachments (Instructions Page 33)

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

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

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

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

☐ Attachment 1 for Individuals as co-applicants

☒ Other Attachments. Please specify: Attachment A - Core Data Form; Attachment B - Plain Language Summary

Section 14. Signature Page (Instructions Page 34)

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

Permit Number: WQ0010539001

Applicant: Clear Lake City Water Authority

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): Jennifer Morrow

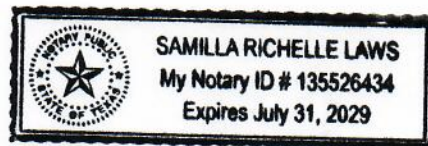
Signatory title: General Manager

Signature: Jennifer Morrow Date: 10/14/2025
(Use blue ink)

Subscribed and Sworn to before me by the said Jennifer Morrow
on this October 14 day of 14 October, 2025.
My commission expires on the 31 day of July, 2029.

Samilla Laws
Notary Public

Harris
County, Texas



[SEAL]

DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

The following information is required for new and amendment applications.

Section 1. Affected Landowner Information (Instructions Page 36)

- A. Indicate by a check mark that the landowners map or drawing, with scale, includes the following information, as applicable:
- ☐ The applicant's property boundaries
 - ☐ The facility site boundaries within the applicant's property boundaries
 - ☐ The distance the buffer zone falls into adjacent properties and the property boundaries of the landowners located within the buffer zone
 - ☐ The property boundaries of all landowners surrounding the applicant's property (Note: if the application is a major amendment for a lignite mine, the map must include the property boundaries of all landowners adjacent to the new facility (ponds).)
 - ☐ The point(s) of discharge and highlighted discharge route(s) clearly shown for one mile downstream
 - ☐ The property boundaries of the landowners located on both sides of the discharge route for one full stream mile downstream of the point of discharge
 - ☐ The property boundaries of the landowners along the watercourse for a one-half mile radius from the point of discharge if the point of discharge is into a lake, bay, estuary, or affected by tides
 - ☐ The boundaries of the effluent disposal site (for example, irrigation area or subsurface drainfield site) and all evaporation/holding ponds within the applicant's property
 - ☐ The property boundaries of all landowners surrounding the effluent disposal site
 - ☐ The boundaries of the sludge land application site (for land application of sewage sludge for beneficial use) and the property boundaries of landowners surrounding the applicant's property boundaries where the sewage sludge land application site is located
 - ☐ The property boundaries of landowners within one-half mile in all directions from the applicant's property boundaries where the sewage sludge disposal site (for example, sludge surface disposal site or sludge monofill) is located
- B. ☐ Indicate by a check mark that a separate list with the landowners' names and mailing addresses cross-referenced to the landowner's map has been provided.
- C. ☐ Indicate by a check mark that the landowners list has also been provided as mailing labels in electronic format (Avery 5160).
- D. Provide the source of the landowners' names and mailing addresses: [Click to enter text.](#)
- E. As required by *Texas Water Code § 5.115*, is any permanent school fund land affected by this application?
- ☐ Yes ☐ No

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

Click to enter text.

Section 2. Original Photographs (Instructions Page 38)

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

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

Section 3. Buffer Zone Map (Instructions Page 38)

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

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

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

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

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

- ☐ Yes
- ☐ No

DOMESTIC WASTEWATER PERMIT APPLICATION

SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

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

Attachment: Attachment C

WATER QUALITY PERMIT

PAYMENT SUBMITTAL FORM

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

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

Mail this form and the check or money order to:

BY REGULAR U.S. MAIL

Texas Commission on Environmental Quality
Financial Administration Division
Cashier's Office, MC-214
P.O. Box 13088
Austin, Texas 78711-3088

BY OVERNIGHT/EXPRESS MAIL

Texas Commission on Environmental Quality
Financial Administration Division
Cashier's Office, MC-214
12100 Park 35 Circle
Austin, Texas 78753

Fee Code: WQP **Waste Permit No:** [Click to enter text.](#)

1. Check or Money Order Number: [Click to enter text.](#)
2. Check or Money Order Amount: [Click to enter text.](#)
3. Date of Check or Money Order: [Click to enter text.](#)
4. Name on Check or Money Order: [Click to enter text.](#)
5. APPLICATION INFORMATION

Name of Project or Site: [Click to enter text.](#)

Physical Address of Project or Site: [Click to enter text.](#)

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

Staple Check or Money Order in This Space

ATTACHMENT 1

INDIVIDUAL INFORMATION

Section 1. Individual Information (Instructions Page 41)

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

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

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

Driver's License or State Identification Number: [Click to enter text.](#)

Date of Birth: [Click to enter text.](#)

Mailing Address: [Click to enter text.](#)

City, State, and Zip Code: [Click to enter text.](#)

Phone Number: [Click to enter text.](#) Fax Number: [Click to enter text.](#)

E-mail Address: [Click to enter text.](#)

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

For Commission Use Only:

Customer Number:

Regulated Entity Number:

Permit Number:

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST OF COMMON DEFICIENCIES

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

Core Data Form (TCEQ Form No. 10400) ☒ Yes
(Required for all application types. Must be completed in its entirety and signed.
Note: Form may be signed by applicant representative.)

Correct and Current Industrial Wastewater Permit Application Forms ☐ Yes
(TCEQ Form Nos. 10053 and 10054. Version dated 6/25/2018 or later.)

Water Quality Permit Payment Submittal Form (Page 19) ☒ Yes
(Original payment sent to TCEQ Revenue Section. See instructions for mailing address.)

7.5 Minute USGS Quadrangle Topographic Map Attached ☒ Yes
(Full-size map if seeking "New" permit.
8 ½ x 11 acceptable for Renewals and Amendments)

Current/Non-Expired, Executed Lease Agreement or Easement ☒ N/A ☐ Yes

Landowners Map ☒ N/A ☐ Yes
(See instructions for landowner requirements)

Things to Know:

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

Landowners Labels and Cross Reference List ☒ N/A ☐ Yes
(See instructions for landowner requirements)

Electronic Application Submittal ☒ Yes
(See application submittal requirements on page 23 of the instructions.)

Original signature per 30 TAC § 305.44 - Blue Ink Preferred ☒ Yes
(If signature page is not signed by an elected official or principle executive officer, a copy of signature authority/delegation letter must be attached)

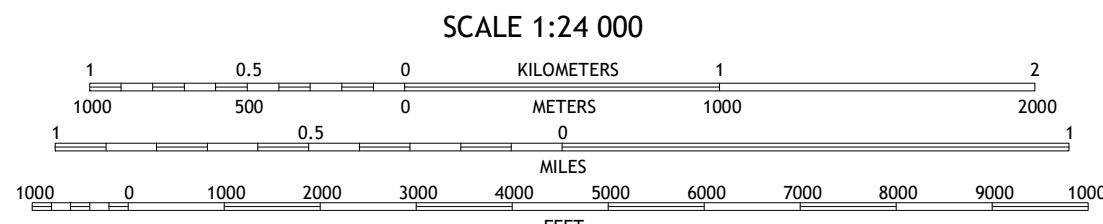
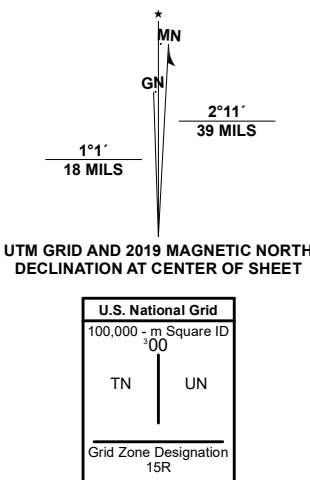
Summary of Application (in Plain Language) ☒ Yes



Produced by the United States Geological Survey

North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1 000-meter grid/Universal Transverse Mercator, Zone 16R
This map is not a legal document. Boundaries may be
generalized for this map scale. Private lands within government
reservations may not be shown. Obtain permission before
entering private lands.

Imagery.....NAIP, September 2016 - November 2016
Roads.....U.S. Census Bureau, 2015 - 2019
Names.....GNIS, 1979 - 2022
Hydrography.....National Hydrography Dataset, 2003 - 2018
Contours.....National Elevation Dataset, 2010
Boundaries.....Multiple sources; see metadata file, 2019 - 2021
Wetlands.....FWS National Wetlands Inventory, Not Available



CONTOUR INTERVAL 5 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988
This map was produced to conform with the
National Geospatial Program US Topo Product Standard.



1	2	3
4	5	6
7	8	9

ADJOINING QUADRANGLES

- 1 Pasadena
- 2 La Porte
- 3 Morgans Point
- 4 Friendswood
- 5 Baciff
- 6 Algoa
- 7 Dickinson
- 8 Texas City

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

LEAGUE CITY, TX
2022



Technical Report 1.0





TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.0

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

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

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

A. Existing/Interim I Phase

Design Flow (MGD): 10.0

2-Hr Peak Flow (MGD): 31.0

Estimated construction start date: N/A

Estimated waste disposal start date: N/A

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): 10.0

2-Hr Peak Flow (MGD): 31.0

Estimated construction start date: N/A

Estimated waste disposal start date: N/A

D. Current Operating Phase

Provide the startup date of the facility: Startup was in 1967

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.**

Conventional activated sludge process plant. Wastewater enters the plant at the lift station and is pumped to the headworks. Wastewater passes through the automatic bar screen before reaching the aeration basins and clarifier. Clarifier effluent is pumped to a gravity sand filter. Filtrate enters the ultraviolet disinfection chamber before outfall discharge into Horsepen Bayou. Return activated sludge exits the clarifier and is pumped back into the aeration basin. Waste activated sludge exits the clarifier and is sent to the aerobic digesters. Once the sludge is digested, it is sent to the Belt Filter Press then hauled off to the landfill.

Design is currently underway to rehabilitate the headworks and influent lift station. The bar screens will be relocated upstream of the influent lift station.

B. Treatment Units

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

Table 1.0(1) - Treatment Units

Treatment Unit Type	Number of Units	Dimensions (L x W x D)
Aeration Basin	6	138'x30'x15'
Clarifier	5	65'x11.59' 70' x 8' 70' x 12' 80' x 10' 110' x 14.86'
Gravity Sand Filter	5	90' x 16' x 6.3'
UV Disinfection	2	40' x 6' x 4'
Digester	2	121.5' x 55.5' x 15.3'
Belt Filter Press	2	N/A
Chlorine Contact Basin	6	30' x 15.5' x 10'

C. Process Flow Diagram

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

Attachment: Attachment D

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

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

- Latitude: 29.578667
- Longitude: -95.094281

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: Attachment E

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

The service area includes a total of 15,837 acres. Approximately 13,490 of those acres have been developed for commercial, residential, and public recreational use within Clear Lake City, City of Houston, Pasadena, Webster, La Porte, Taylor Lake Village.

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
Clear Lake City Water Authority	Clear Lake City Water Authority	Publicly Owned	85,636
		Choose an item.	
		Choose an item.	
		Choose an item.	

Section 4. Unbuilt Phases (Instructions Page 44)

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

Currently under design for replacement of the influent lift station and headworks.

Section 5. Closure Plans (Instructions Page 44)

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

☒ Yes ☐ No

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

☐ Yes ☒ No

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

Closure plan will be submitted prior to removal of the stormwater clarifier

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: September 2025

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.**

Currently under design for the rehabilitation of the headworks and influent lift station

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.

There are restrictive easements around the treatment plant which satisfy the 150-foot required buffer zone. Please see Attachment E.

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*.

None.

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 Q524 or TXRNE [Click to enter text.](#)

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

☐ Yes ☒ No

3. Conditional exclusion

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

☐ Yes ☒ No

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

N/A

4. Existing coverage in individual permit

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

☐ Yes ☒ No

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

N/A

5. Zero stormwater discharge

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

☐ Yes ☒ No

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

N/A

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

6. Request for coverage in individual permit

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

☐ Yes ☒ No

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

N/A

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

F. Discharges to the Lake Houston Watershed

Does the facility discharge in the Lake Houston watershed?

☐ Yes ☒ No

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

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

1. Acceptance of sludge from other WWTPs

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

☐ Yes ☒ No

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

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

N/A

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

2. Acceptance of septic waste

Is the facility accepting or will it accept septic waste?

☐ Yes ☒ No

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

N/A

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

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

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

☐ Yes ☒ No

If yes, provide the date that the plant started accepting the waste, an estimate how much waste is accepted on a monthly basis (gallons or millions of gallons), a description of the entities generating the waste, and any distinguishing chemical or

other physical characteristic of the waste. Also note if this information has or has not changed since the last permit action.

N/A

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

Is the facility in operation?

☒ Yes ☐ No

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

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

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

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

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
CBOD ₅ , mg/l	3.90	13.10	365	C	04/01/2024-03/31/2025
Total Suspended Solids, mg/l	3.67	7.90	365	C	04/01/2024-03/31/2025
Ammonia Nitrogen, mg/l	0.59	7.00	365	C	04/01/2024-03/31/2025
Nitrate Nitrogen, mg/l	7.6	7.6	1	C	7/15/2025
Total Kjeldahl Nitrogen, mg/l	2.3	2.3	1	C	7/15/2025
Sulfate, mg/l	42.5	42.5	1	C	7/15/2025
Chloride, mg/l	76	76	1	C	7/15/2025
Total Phosphorus, mg/l	2.77	2.77	1	C	7/15/2025
pH, standard units	7.3	7.93	25	G	07/01/2024-07/31/2025
Dissolved Oxygen*, mg/l	5.44	6	13	G	07/01/2024-07/31/2025
Chlorine Residual, mg/l	N/A	N/A	N/A	N/A	N/A
<i>E.coli</i> (CFU/100ml) freshwater	N/A	N/A	N/A	N/A	N/A

Enterococci (CFU/100ml) saltwater	6.61	276.0	359		04/01/2024- 03/31/2025
Total Dissolved Solids, mg/l	310	310	1	C	7/15/2025
Electrical Conductivity, µmohs/cm, †	565	565	1	C	7/15/2025
Oil & Grease, mg/l	<5.1	<5.1	1	G	7/15/2025
Alkalinity (CaCO ₃)*, mg/l	76	76	1	C	7/15/2025

*TPDES permits only

†TLAP permits only

Table 1.0(3) – Pollutant Analysis for Water Treatment Facilities

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

Section 8. Facility Operator (Instructions Page 49)

Facility Operator Name: Frank Elliott

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

Facility Operator's License Number: WW0064828

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: Belt Press then landfill

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 Handler or Preparer	Bulk	506	Class B: PSRP Aerobic Digestion	N/A: Disposal in Landfill
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.

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

D. Disposal site

Disposal site name: Galveston County Landfill

TCEQ permit or registration number: 1149B

County where disposal site is located: Galveston

E. Transportation method

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

Name of the hauler: Wastewater Transport Services, LLC

Hauler registration number: 24343

Sludge is transported as a:

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

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

A. Beneficial use authorization

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

☐ Yes ☐ No

B. Sludge processing authorization

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

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

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

☐ Yes ☐ No

Section 11. Sewage Sludge Lagoons (Instructions Page 53)

Does this facility include sewage sludge lagoons?

☐ Yes ☒ No

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

A. Location information

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

- Original General Highway (County) Map:
Attachment: [Click to enter text.](#)
- USDA Natural Resources Conservation Service Soil Map:
Attachment: [Click to enter text.](#)
- Federal Emergency Management Map:
Attachment: [Click to enter text.](#)
- Site map:
Attachment: [Click to enter text.](#)

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

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

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

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

[Click to enter text.](#)

B. Temporary storage information

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

Nitrate Nitrogen, mg/kg: [Click to enter text.](#)

Total Kjeldahl Nitrogen, mg/kg: [Click to enter text.](#)

Total Nitrogen (=nitrate nitrogen + TKN), mg/kg: [Click to enter text.](#)

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

Potassium, mg/kg: [Click to enter text.](#)

pH, standard units: [Click to enter text.](#)

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

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

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

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

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

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

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

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

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

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

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

Total PCBs: [Click to enter text.](#)

Provide the following information:

Volume and frequency of sludge to the lagoon(s): [Click to enter text.](#)

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

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

C. Liner information

Does the active/proposed sludge lagoon(s) have a liner with a maximum hydraulic conductivity of 1×10^{-7} cm/sec?

☐ Yes ☐ No

If yes, describe the liner below. Please note that a liner is required.

[Click to enter text.](#)

D. Site development plan

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

[Click to enter text.](#)

Attach the following documents to the application.

- Plan view and cross-section of the sludge lagoon(s)

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

- Copy of the closure plan

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

- Copy of deed recordation for the site

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

- Size of the sludge lagoon(s) in surface acres and capacity in cubic feet and gallons

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

- Description of the method of controlling infiltration of groundwater and surface water from entering the site

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

- Procedures to prevent the occurrence of nuisance conditions

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

E. Groundwater monitoring

Is groundwater monitoring currently conducted at this site, or are any wells available for groundwater monitoring, or are groundwater monitoring data otherwise available for the sludge lagoon(s)?

☐ Yes ☐ No

If groundwater monitoring data are available, provide a copy. Provide a profile of soil types encountered down to the groundwater table and the depth to the shallowest groundwater as a separate attachment.

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

Section 12. Authorizations/Compliance/Enforcement (Instructions Page 54)

A. Additional authorizations

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

☒ Yes ☐ No

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

Reuse Authorization R10539001 grants authorization to provide municipal reclaimed water.

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: [Click to enter text.](#)

Section 14. Laboratory Accreditation (Instructions Page 55)

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

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

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

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

CERTIFICATION:

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

Printed Name: Jennifer Morrow

Title: General Manager

Signature: 

Date: 10/14/2025

DOMESTIC WASTEWATER PERMIT APPLICATION

TECHNICAL REPORT 1.1

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

Section 1. Justification for Permit (Instructions Page 56)

A. Justification of permit need

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

Click to enter text.

B. Regionalization of facilities

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

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

1. *Municipally incorporated areas*

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

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

☐ Yes ☐ No ☐ Not Applicable

If yes, within the city limits of: Pasadena

If yes, attach correspondence from the city.

Attachment: Click to enter text.

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

Attachment: Click to enter text.

2. *Utility CCN areas*

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

☐ Yes ☐ No

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

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

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

3. *Nearby WWTPs or collection systems*

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

☐ Yes ☐ No

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

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

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

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

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

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

Section 2. Proposed Organic Loading (Instructions Page 58)

Is this facility in operation?

☐ Yes ☐ No

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

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

A. Current organic loading

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

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

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

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

[Click to enter text.](#)

B. Proposed organic loading

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

Table 1.1(1) – Design Organic Loading

Source	Total Average Flow (MGD)	Influent BOD ₅ Concentration (mg/l)
Municipality		
Subdivision		
Trailer park - transient		
Mobile home park		
School with cafeteria and showers		
School with cafeteria, no showers		
Recreational park, overnight use		
Recreational park, day use		
Office building or factory		
Motel		
Restaurant		
Hospital		
Nursing home		
Other		
TOTAL FLOW from all sources		
AVERAGE BOD ₅ from all sources		

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

A. Existing/Interim I Phase Design Effluent Quality

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

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

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

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

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

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

B. Interim II Phase Design Effluent Quality

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

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

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

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

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

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

C. Final Phase Design Effluent Quality

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

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

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

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

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

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

D. Disinfection Method

Identify the proposed method of disinfection.

- ☐ Chlorine: [Click to enter text.](#) mg/l after [Click to enter text.](#) minutes detention time at peak flow

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

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

Section 4. Design Calculations (Instructions Page 58)

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

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

Section 5. Facility Site (Instructions Page 59)

A. 100-year floodplain

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

- ☐ Yes ☐ No

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

[Click to enter text.](#)

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

[Click to enter text.](#)

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

☐ Yes ☐ No

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

☐ Yes ☐ No

If **yes**, provide the permit number: [Click to enter text.](#)

If **no**, provide the approximate date you anticipate submitting your application to the Corps: [Click to enter text.](#)

B. Wind rose

Attach a wind rose: [Click to enter text.](#)

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

A. Beneficial use authorization

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

☐ Yes ☐ No

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

B. Sludge processing authorization

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

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

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

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

Attach a solids management plan to the application.

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

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

- Treatment units and processes dimensions and capacities

- Solids generated at 100, 75, 50, and 25 percent of design flow
- Mixed liquor suspended solids operating range at design and projected actual flow
- Quantity of solids to be removed and a schedule for solids removal
- Identification and ownership of the ultimate sludge disposal site
- For facultative lagoons, design life calculations, monitoring well locations and depths, and the ultimate disposal method for the sludge from the facultative lagoon

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

DOMESTIC WASTEWATER PERMIT APPLICATION

WORKSHEET 2.0: RECEIVING WATERS

The following information is required for all TPDES permit applications.

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

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

☐ Yes ☒ No

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

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

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

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

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

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

Does the facility discharge into tidally affected waters?

☒ Yes ☐ No

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

A. Receiving water outfall

Width of the receiving water at the outfall, in feet: 82

B. Oyster waters

Are there oyster waters in the vicinity of the discharge?

☐ Yes ☒ No

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

[Click to enter text.](#)

C. Sea grasses

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

☐ Yes ☒ No

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

[Click to enter text.](#)

Section 3. Classified Segments (Instructions Page 63)

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

☐ Yes ☒ No

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

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

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

Name of the immediate receiving waters: Segment 1113B – Horsepen Bayou Tidal

A. Receiving water type

Identify the appropriate description of the receiving waters.

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

Surface area, in acres: Click to enter text.

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

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

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

B. Flow characteristics

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

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

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

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

C. Downstream perennial confluences

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

Segment 113B – Horsepen Bayou Tidal join Segment 113 – Armand Bayou Tidal

D. Downstream characteristics

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

☐ Yes ☒ No

If yes, discuss how.

Click to enter text.

E. Normal dry weather characteristics

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

Horsepen Bayou is a slow-moving bayou with high turbidity. Horsepen Bayou is the color of the natural soils in the area. The treatment plant discharge is clear. See Attachment G for photos.

Date and time of observation: August 26, 2025; 1300

Was the water body influenced by stormwater runoff during observations?

☐ Yes ☒ No

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

A. Upstream influences

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

- | | |
|---|---|
| ☐ Oil field activities | ☒ Urban runoff |
| ☐ Upstream discharges | ☒ Agricultural runoff |
| ☐ Septic tanks | ☐ Other(s), specify: <u>Click to enter text.</u> |

B. Waterbody uses

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

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

C. Waterbody aesthetics

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

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

DOMESTIC WASTEWATER PERMIT APPLICATION

WORKSHEET 2.1: STREAM PHYSICAL CHARACTERISTICS

Required for new applications, major facilities, and applications adding an outfall.

Worksheet 2.1 is not required for discharges to intermittent streams or discharges directly to (or within 300 feet of) a classified segment.

Section 1. General Information (Instructions Page 65)

Date of study: [Click to enter text.](#) Time of study: [Click to enter text.](#)

Stream name: [Click to enter text.](#)

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

Type of stream upstream of existing discharge or downstream of proposed discharge (check one).

☐ Perennial ☐ Intermittent with perennial pools

Section 2. Data Collection (Instructions Page 65)

Number of stream bends that are well defined: [Click to enter text.](#)

Number of stream bends that are moderately defined: [Click to enter text.](#)

Number of stream bends that are poorly defined: [Click to enter text.](#)

Number of riffles: [Click to enter text.](#)

Evidence of flow fluctuations (check one):

☐ Minor ☐ moderate ☐ severe

Indicate the observed stream uses and if there is evidence of flow fluctuations or channel obstruction/modification.

[Click to enter text.](#)

Stream transects

In the table below, provide the following information for each transect downstream of the existing or proposed discharges. Use a separate row for each transect.

Table 2.1(1) - Stream Transect Records

Stream type at transect Select riffle, run, glide, or pool. See Instructions, Definitions section.	Transect location	Water surface width (ft)	Stream depths (ft) at 4 to 10 points along each transect from the channel bed to the water surface. Separate the measurements with commas.
Choose an item.			
Choose an item.			
Choose an item.			
Choose an item.			
Choose an item.			
Choose an item.			
Choose an item.			
Choose an item.			
Choose an item.			
Choose an item.			

Section 3. Summarize Measurements (Instructions Page 65)

Streambed slope of entire reach, from USGS map in feet/feet: [Click to enter text.](#)

Approximate drainage area above the most downstream transect (from USGS map or county highway map, in square miles): [Click to enter text.](#)

Length of stream evaluated, in feet: [Click to enter text.](#)

Number of lateral transects made: [Click to enter text.](#)

Average stream width, in feet: [Click to enter text.](#)

Average stream depth, in feet: [Click to enter text.](#)

Average stream velocity, in feet/second: [Click to enter text.](#)

Instantaneous stream flow, in cubic feet/second: [Click to enter text.](#)

Indicate flow measurement method (type of meter, floating chip timed over a fixed distance, etc.): [Click to enter text.](#)

Size of pools (large, small, moderate, none): [Click to enter text.](#)

Maximum pool depth, in feet: [Click to enter text.](#)

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 3.0: LAND DISPOSAL OF EFFLUENT

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

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

Identify the method of land disposal:

- | | |
|---|--|
| ☐ Surface application | ☐ Subsurface application |
| ☐ Irrigation | ☐ Subsurface soils absorption |
| ☐ Drip irrigation system | ☐ Subsurface area drip dispersal system |
| ☐ Evaporation | ☐ Evapotranspiration beds |
| ☐ Other (describe in detail): Click to enter text. | |

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

For existing authorizations, provide Registration Number: [Click to enter text.](#)

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

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

Table 3.0(1) – Land Application Site Crops

Crop Type & Land Use	Irrigation Area (acres)	Effluent Application (GPD)	Public Access? Y/N

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

Table 3.0(2) – Storage and Evaporation Ponds

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

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

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

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

Is the land application site within the 100-year frequency flood level?

☐ Yes ☐ No

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

[Click to enter text.](#)

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

[Click to enter text.](#)

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

[Click to enter text.](#)

Section 5. Annual Cropping Plan (Instructions Page 67)

Attach an Annual Cropping Plan which includes a discussion of each of the following items. If not applicable, provide a detailed explanation indicating why. **Attachment:** [Click to enter text.](#)

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

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

Attach a USGS map with the following information shown and labeled. If not applicable, provide a detailed explanation indicating why. **Attachment:** [Click to enter text.](#)

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

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

Table 3.0(3) – Water Well Data

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

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

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

Section 7. Groundwater Quality (Instructions Page 68)

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

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

Are groundwater monitoring wells available onsite? ☐ Yes ☐ No

Do you plan to install ground water monitoring wells or lysimeters around the land application site? ☐ Yes ☐ No

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

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

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

A. Soil map

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

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

B. Soil analyses

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

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

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

Table 3.0(4) – Soil Data

Soil Series	Depth from Surface	Permeability	Available Water Capacity	Curve Number

Section 9. Effluent Monitoring Data (Instructions Page 70)

Is the facility in operation?

☐ Yes ☐ No

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

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

Table 3.0(5) – Effluent Monitoring Data

[illegible]

Provide a discussion of all persistent excursions above the permitted limits and any corrective actions taken.

Click to enter text.

DOMESTIC WASTEWATER PERMIT APPLICATION

WORKSHEET 3.1: SURFACE LAND DISPOSAL OF EFFLUENT

The following is required for new and major amendment permit applications. Renewal and minor amendment permit applications may be asked for this worksheet on a case by case basis.

Section 1. Surface Disposal (Instructions Page 71)

Complete the item that applies for the method of disposal being used.

A. Irrigation

Area under irrigation, in acres: [Click to enter text.](#)

Design application frequency:

hours/day [Click to enter text.](#) And days/week [Click to enter text.](#)

Land grade (slope):

average percent (%): [Click to enter text.](#)

maximum percent (%): [Click to enter text.](#)

Design application rate in acre-feet/acre/year: [Click to enter text.](#)

Design total nitrogen loading rate, in lbs N/acre/year: [Click to enter text.](#)

Soil conductivity (mmhos/cm): [Click to enter text.](#)

Method of application: [Click to enter text.](#)

Attach a separate engineering report with the water balance and storage volume calculations, method of application, irrigation efficiency, and nitrogen balance.

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

B. Evaporation ponds

Daily average effluent flow into ponds, in gallons per day: [Click to enter text.](#)

Attach a separate engineering report with the water balance and storage volume calculations.

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

C. Evapotranspiration beds

Number of beds: [Click to enter text.](#)

Area of bed(s), in acres: [Click to enter text.](#)

Depth of bed(s), in feet: [Click to enter text.](#)

Void ratio of soil in the beds: [Click to enter text.](#)

Storage volume within the beds, in acre-feet: [Click to enter text.](#)

Attach a separate engineering report with the water balance and storage volume calculations, and a description of the lining.

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

D. Overland flow

Area used for application, in acres: [Click to enter text.](#)

Slopes for application area, percent (%): [Click to enter text.](#)

Design application rate, in gpm/foot of slope width: [Click to enter text.](#)

Slope length, in feet: [Click to enter text.](#)

Design BOD₅ loading rate, in lbs BOD₅/acre/day: [Click to enter text.](#)

Design application frequency:

hours/day: [Click to enter text.](#) And days/week: [Click to enter text.](#)

Attach a separate engineering report with the method of application and design requirements according to *30 TAC Chapter 217*.

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

Section 2. Edwards Aquifer (Instructions Page 72)

Is the facility subject to *30 TAC Chapter 213*, Edwards Aquifer Rules?

☐ Yes ☐ No

If **yes**, is the facility located on the Edwards Aquifer Recharge Zone?

☐ Yes ☐ No

If **yes**, attach a geological report addressing potential recharge features.

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

DOMESTIC WASTEWATER PERMIT APPLICATION

WORKSHEET 3.2: SURFACE LAND DISPOSAL OF EFFLUENT

The following **is required** for **new and major amendment** permit applications. Renewal and minor amendments applicants may be asked for the worksheet on a case by case basis.

NOTE: All applicants proposing new/amended subsurface disposal **MUST** complete and submit Worksheet 7.0. This worksheet applies to any subsurface disposal system that **does not meet** the definition of a subsurface area drip dispersal system as defined in *30 TAC Chapter 222, Subsurface Area Drip Dispersal System*.

Section 1. Subsurface Application (Instructions Page 73)

Identify the type of system:

- ☐ Conventional Gravity Drainfield, Beds, or Trenches (new systems must be less than 5,000 GPD)
- ☐ Low Pressure Dosing
- ☐ Other, specify: [Click to enter text.](#)

Application area, in acres: [Click to enter text.](#)

Area of drainfield, in square feet: [Click to enter text.](#)

Application rate, in gal/square foot/day: [Click to enter text.](#)

Depth to groundwater, in feet: [Click to enter text.](#)

Area of trench, in square feet: [Click to enter text.](#)

Dosing duration per area, in hours: [Click to enter text.](#)

Number of beds: [Click to enter text.](#)

Dosing amount per area, in inches/day: [Click to enter text.](#)

Infiltration rate, in inches/hour: [Click to enter text.](#)

Storage volume, in gallons: [Click to enter text.](#)

Area of bed(s), in square feet: [Click to enter text.](#)

Soil Classification: [Click to enter text.](#)

Attach a separate engineering report with the information required in *30 TAC § 309.20*, excluding the requirements of *§ 309.20 b(3)(A)* and *(B)* design analysis which may be asked for on a case by case basis. Include a description of the schedule of dosing basin rotation.

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

Section 2. Edwards Aquifer (Instructions Page 73)

Is the subsurface system over the Edwards Aquifer Recharge Zone as mapped by TCEQ?

- ☐ Yes ☐ No

Is the subsurface system over the Edwards Aquifer Transition Zone as mapped by TCEQ?

- ☐ Yes ☐ No

If yes to either question, the subsurface system may be prohibited by *30 TAC §213.8*. Please call the Municipal Permits Team, at 512-239-4671, to schedule a pre-application meeting.

DOMESTIC WASTEWATER PERMIT APPLICATION

WORKSHEET 3.3: SUBSURFACE AREA DRIP DISPERSAL (SADDS) LAND DISPOSAL OF EFFLUENT

The following **is required** for **new and major amendment** subsurface area drip dispersal system permit applications. Renewal and minor amendments applicants may be asked for the worksheet on a case by case basis.

NOTE: All applicants proposing new/amended subsurface disposal **MUST** complete and submit Worksheet 7.0. This worksheet applies to any subsurface disposal system that **meets** the definition of a subsurface area drip dispersal system as defined in *30 TAC Chapter 222, Subsurface Area Drip Dispersal System*.

Section 1. Administrative Information (Instructions Page 74)

A. Provide the legal name of all corporations or other business entities managed, owned, or otherwise closely related to the owner of the treatment facility:

B. Click to enter text. Is the owner of the land where the treatment facility is located the same as the owner of the treatment facility?

☐ Yes ☐ No

If **no**, provide the legal name of all corporations or other business entities managed, owned, or otherwise closely related to the owner of the land where the treatment facility is located.

Click to enter text.

C. Owner of the subsurface area drip dispersal system: Click to enter text.

D. Is the owner of the subsurface area drip dispersal system the same as the owner of the wastewater treatment facility or the site where the wastewater treatment facility is located?

☐ Yes ☐ No

If **no**, identify the names of all corporations or other business entities managed, owned, or otherwise closely related to the entity identified in Item 1.C.

Click to enter text.

E. Owner of the land where the subsurface area drip dispersal system is located: Click to enter text.

F. Is the owner of the land where the subsurface area drip dispersal system is located the same as owner of the wastewater treatment facility, the site where the wastewater treatment facility is located, or the owner of the subsurface area drip dispersal system?

☐ Yes ☐ No

If **no**, identify the name of all corporations or other business entities managed, owned, or otherwise closely related to the entity identified in item 1.E.

Click to enter text.

Section 2. Subsurface Area Drip Dispersal System (Instructions Page 74)

A. Type of system

- ☐ Subsurface Drip Irrigation
- ☐ Surface Drip Irrigation
- ☐ Other, specify: [Click to enter text.](#)

B. Irrigation operations

Application area, in acres: [Click to enter text.](#)

Infiltration Rate, in inches/hour: [Click to enter text.](#)

Average slope of the application area, percent (%): [Click to enter text.](#)

Maximum slope of the application area, percent (%): [Click to enter text.](#)

Storage volume, in gallons: [Click to enter text.](#)

Major soil series: [Click to enter text.](#)

Depth to groundwater, in feet: [Click to enter text.](#)

C. Application rate

Is the facility located **west** of the boundary shown in *30 TAC § 222.83* **and** also using a vegetative cover of non-native grasses over seeded with cool season grasses during the winter months (October-March)?

☐ Yes ☐ No

If **yes**, then the facility may propose a hydraulic application rate not to exceed 0.1 gal/square foot/day.

Is the facility located **east** of the boundary shown in *30 TAC § 222.83* **or** in any part of the state when the vegetative cover is any crop other than non-native grasses?

☐ Yes ☐ No

If **yes**, the facility must use the formula in *30 TAC §222.83* to calculate the maximum hydraulic application rate.

Do you plan to submit an alternative method to calculate the hydraulic application rate for approval by the executive director?

☐ Yes ☐ No

Hydraulic application rate, in gal/square foot/day: [Click to enter text.](#)

Nitrogen application rate, in lbs/gal/day: [Click to enter text.](#)

D. Dosing information

Number of doses per day: [Click to enter text.](#)

Dosing duration per area, in hours: [Click to enter text.](#)

Rest period between doses, in hours: [Click to enter text.](#)

Dosing amount per area, in inches/day: [Click to enter text.](#)

Number of zones: [Click to enter text.](#)

Does the proposed subsurface drip irrigation system use tree vegetative cover as a crop?

☐ Yes ☐ No

If **yes**, provide a vegetation survey by a certified arborist. Please call the Water Quality Assessment Team at (512) 239-4671 to schedule a pre-application meeting.

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

Section 3. Required Plans (Instructions Page 74)

A. Recharge feature plan

Attach a Recharge Feature Plan with all information required in *30 TAC §222.79*.

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

B. Soil evaluation

Attach a Soil Evaluation with all information required in *30 TAC §222.73*.

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

C. Site preparation plan

Attach a Site Preparation Plan with all information required in *30 TAC §222.75*.

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

D. Soil sampling/testing

Attach soil sampling and testing that includes all information required in *30 TAC §222.157*.

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

Section 4. Floodway Designation (Instructions Page 75)

A. Site location

Is the existing/proposed land application site within a designated floodway?

☐ Yes ☐ No

B. Flood map

Attach either the FEMA flood map or alternate information used to determine the floodway.

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

Section 5. Surface Waters in the State (Instructions Page 75)

A. Buffer Map

Attach a map showing appropriate buffers on surface waters in the state, water wells, and springs/seeps.

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

B. Buffer variance request

Do you plan to request a buffer variance from water wells or waters in the state?

☐ Yes ☐ No

If **yes**, then attach the additional information required in *30 TAC § 222.81(c)*.

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

Section 6. Edwards Aquifer (Instructions Page 75)

A. Is the SADDs located over the Edwards Aquifer Recharge Zone as mapped by TCEQ?

☐ Yes ☐ No

B. Is the SADDs located over the Edwards Aquifer Transition Zone as mapped by TCEQ?

☐ Yes ☐ No

If **yes to either question**, then the SADDs may be prohibited by *30 TAC §213.8*. Please call the Municipal Permits Team at 512-239-4671 to schedule a pre-application meeting.

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: 7/15/2025

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	1	50
Aldrin	<0.0159	<0.0159	1	0.01
Aluminum	33	33	1	2.5
Anthracene	<0.104	<0.104	1	10
Antimony	<2	<2	1	5
Arsenic	1.42	1.42	1	0.5
Barium	38.4	38.4	1	3
Benzene	<10	<10	1	10
Benzidine	0.2705	0.2705	1	50
Benzo(a)anthracene	<0.127	<0.127	1	5
Benzo(a)pyrene	<0.107	<0.107	1	5
Bis(2-chloroethyl)ether	0.0535	0.0535	1	10
Bis(2-ethylhexyl)phthalate	0.2855	0.2855	1	10
Bromodichloromethane	<10	<10	1	10
Bromoform	<10	<10	1	10
Cadmium	<1	<1	1	1
Carbon Tetrachloride	<2	<2	1	2
Carbaryl	<1.85	<1.85	1	5
Chlordane*	0.0094	0.0094	1	0.2
Chlorobenzene	<10	<10	1	10
Chlorodibromomethane	<10	<10	1	10

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Chloroform	<10	<10	1	10
Chlorpyrifos	<0.179	<0.179	1	0.05
Chromium (Total)	<1	<1	1	3
Chromium (Tri) (*1)	<3	<3	1	N/A
Chromium (Hex)	<3	<3	1	3
Copper	7	15	54	2
Chrysene	<0.0965	<0.0965	1	5
p-Chloro-m-Cresol	<0.0944	<0.0944	1	10
4,6-Dinitro-o-Cresol	<1.23	<1.23	1	50
p-Cresol	<0.0944	<0.0944	1	10
Cyanide (*2)	<5	<5	1	10
4,4'- DDD	<0.0179	<0.0179	1	0.1
4,4'- DDE	<0.0161	<0.0161	1	0.1
4,4'- DDT	<0.018	<0.018	1	0.02
2,4-D	<0.054	<0.054	1	0.7
Demeton (O and S)	<0.069	<0.069	1	0.20
Diazinon	<0.146	<0.146	1	0.5/0.1
1,2-Dibromoethane	<10	<10	1	10
m-Dichlorobenzene	<0.108	<0.108	1	10
o-Dichlorobenzene	<0.101	<0.101	1	10
p-Dichlorobenzene	<0.110	<0.110	1	10
3,3'-Dichlorobenzidine	0.325	0.325	1	5
1,2-Dichloroethane	<10	<10	1	10
1,1-Dichloroethylene	<10	<10	1	10
Dichloromethane	<10	<10	1	20
1,2-Dichloropropane	<10	<10	1	10
1,3-Dichloropropene	<10	<10	1	10
Dicofol	<0.0251	<0.0251	1	1
Dieldrin	<0.0173	<0.0173	1	0.02
2,4-Dimethylphenol	<0.112	<0.112	1	10
Di-n-Butyl Phthalate	<0.66	<0.66	1	10
Diuron	<0.0514	<0.0514	1	0.09
Endosulfan I (alpha)	<0.0186	<0.0186	1	0.01

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Endosulfan II (beta)	<0.0177	<0.0177	1	0.02
Endosulfan Sulfate	<0.0153	<0.0153	1	0.1
Endrin	<0.0166	<0.0166	1	0.02
Epichlorohydrin	0	0	1	---
Ethylbenzene	<10	<10	1	10
Ethylene Glycol	<1.22	<1.22	1	---
Fluoride	213	213	1	500
Guthion	<0.314	<0.314	1	0.1
Heptachlor	<0.0278	<0.0278	1	0.01
Heptachlor Epoxide	<0.0182	<0.0182	1	0.01
Hexachlorobenzene	<0.132	<0.132	1	5
Hexachlorobutadiene	<0.162	<0.162	1	10
Hexachlorocyclohexane (alpha)	<0.0159	<0.0159	1	0.05
Hexachlorocyclohexane (beta)	<0.0172	<0.0172	1	0.05
gamma-Hexachlorocyclohexane (Lindane)	<0.017	<0.017	1	0.05
Hexachlorocyclopentadiene	<0.179	<0.179	1	10
Hexachloroethane	<0.125	<0.125	1	20
Hexachlorophene	<0.81	<0.81	1	10
4,4'-Isopropylidenediphenol	<1	<1	1	1
Lead	<0.5	<0.5	1	0.5
Malathion	<0.0571	<0.0571	1	0.1
Mercury	0.00446	0.00446	1	0.005
Methoxychlor	<0.0186	<0.0186	1	2
Methyl Ethyl Ketone	<50	<50	1	50
Methyl tert-butyl ether	<1.00	<1.00	1	---
Mirex	<0.0251	<0.0251	1	0.02
Nickel	3.84	3.84	1	2
Nitrate-Nitrogen	9440	9440	1	100
Nitrobenzene	0.076	0.076	1	10
N-Nitrosodiethylamine	<0.673	<0.673	1	20
N-Nitroso-di-n-Butylamine	<0.724	<0.724	1	20
Nonylphenol	<2.5	<2.5	1	333

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Parathion (ethyl)	<0.625	<0.625	1	0.1
Pentachlorobenzene	<0.125	<0.125	1	20
Pentachlorophenol	<0.0444	<0.0444	1	5
Phenanthrene	<0.107	<0.107	1	10
Polychlorinated Biphenyls (PCB's) (*3)	<0.0656	<0.0656	1	0.2
Pyridine	<0.837	<0.837	1	20
Selenium	<2	<2	1	5
Silver	0.25	0.25	1	0.5
1,2,4,5-Tetrachlorobenzene	<0.115	<0.115	1	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	<0.338	<0.338	1	0.3
2,4,5-TP (Silvex)	<0.0423	<0.0423	1	0.3
Tributyltin (see instructions for explanation)	N/A	N/A	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	<0.431	<0.431	1	50
TTHM (Total Trihalomethanes)	<10	<10	1	10
Vinyl Chloride	<10	<10	1	10
Zinc	0.0338	0.0561	54	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: 7/15/2025

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	<2	<2	1	5
Arsenic	1.42	1.42	1	0.5
Beryllium	<0.5	<0.5	1	0.5
Cadmium	<1	<1	1	1
Chromium (Total)	<1	<1	1	3
Chromium (Hex)	<3	<3	1	3
Chromium (Tri) (*1)	<3	<3	1	N/A
Copper	7	15	54	2
Lead	<0.5	<0.5	1	0.5
Mercury	0.00446	0.00446	1	0.005
Nickel	3.84	3.84	1	2
Selenium	<2	<2	1	5
Silver	<0.5	<0.5	1	0.5
Thallium	<0.5	<0.5	1	0.5
Zinc	0.0338	0.0561	54	5
Cyanide (*2)	<5	<5	1	10
Phenols, Total	<0.506	<0.506	1	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	<10	<10	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	<10	<10	1	10
Chloroethane	<50	<50	1	50
2-Chloroethylvinyl Ether	<10	<10	1	10
Chloroform	<10	<10	1	10
Dichlorobromomethane [Bromodichloromethane]	<10	<10	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	<10	<10	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	<0.103	<0.103	1	10
2,4-Dichlorophenol	<0.126	<0.126	1	10
2,4-Dimethylphenol	<0.112	<0.112	1	10
4,6-Dinitro-o-Cresol	<1.23	<1.23	1	50
2,4-Dinitrophenol	<1.38	<1.38	1	50
2-Nitrophenol	<0.137	<0.137	1	20
4-Nitrophenol	<0.671	<0.671	1	50
P-Chloro-m-Cresol	<0.0944	<0.0944	1	10
Pentalchlorophenol	<0.0444	<0.0444	1	5
Phenol	<0.506	<0.506	1	10
2,4,6-Trichlorophenol	<0.117	<0.117	1	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	<0.101	<0.101	1	10
Acenaphthylene	<0.125	<0.125	1	10
Anthracene	<0.104	<0.104	1	10
Benzidine	<0.541	<0.541	1	50
Benzo(a)Anthracene	<0.127	<0.127	1	5
Benzo(a)Pyrene	<0.107	<0.107	1	5
3,4-Benzofluoranthene	<0.124	<0.124	1	10
Benzo(ghi)Perylene	<0.0903	<0.0903	1	20
Benzo(k)Fluoranthene	<0.123	<0.123	1	5
Bis(2-Chloroethoxy)Methane	<0.107	<0.107	1	10
Bis(2-Chloroethyl)Ether	<0.107	<0.107	1	10
Bis(2-Chloroisopropyl)Ether	<0.107	<0.107	1	10
Bis(2-Ethylhexyl)Phthalate	<0.571	<0.571	1	10
4-Bromophenyl Phenyl Ether	<0.105	<0.105	1	10
Butyl benzyl Phthalate	<0.336	<0.336	1	10
2-Chloronaphthalene	<0.118	<0.118	1	10
4-Chlorophenyl phenyl ether	<0.0954	<0.0954	1	10
Chrysene	<0.0965	<0.0965	1	5
Dibenzo(a,h)Anthracene	<0.0851	<0.0851	1	5
1,2-(o)Dichlorobenzene	<0.101	<0.101	1	10
1,3-(m)Dichlorobenzene	<0.108	<0.108	1	10
1,4-(p)Dichlorobenzene	<0.110	<0.110	1	10
3,3-Dichlorobenzidine	<0.650	<0.650	1	5
Diethyl Phthalate	<0.187	<0.187	1	10
Dimethyl Phthalate	<0.133	<0.133	1	10
Di-n-Butyl Phthalate	<0.66	<0.66	1	10
2,4-Dinitrotoluene	<0.513	<0.513	1	10
2,6-Dinitrotoluene	<0.273	<0.273	1	10
Di-n-Octyl Phthalate	<0.286	<0.286	1	10
1,2-Diphenylhydrazine (as Azo-benzene)	<0.573	<0.573	1	20
Fluoranthene	<0.12	<0.12	1	10

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Fluorene	<0.113	<0.113	1	10
Hexachlorobenzene	<0.132	<0.132	1	5
Hexachlorobutadiene	<0.162	<0.162	1	10
Hexachlorocyclo-pentadiene	<0.179	<0.179	1	10
Hexachloroethane	<0.125	<0.125	1	20
Indeno(1,2,3-cd)pyrene	<0.103	<0.103	1	5
Isophorone	<0.106	<0.106	1	10
Naphthalene	<0.114	<0.114	1	10
Nitrobenzene	<0.152	<0.152	1	10
N-Nitrosodimethylamine	<0.159	<0.159	1	50
N-Nitrosodi-n-Propylamine	<0.147	<0.147	1	20
N-Nitrosodiphenylamine	<0.112	<0.112	1	20
Phenanthrene	<0.107	<0.107	1	10
Pyrene	<0.129	<0.129	1	10
1,2,4-Trichlorobenzene	<0.121	<0.121	1	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	<0.0159	<0.0159	1	0.01
alpha-BHC (Hexachlorocyclohexane)	<0.0159	<0.0159	1	0.05
beta-BHC (Hexachlorocyclohexane)	<0.0172	<0.0172	1	0.05
gamma-BHC (Hexachlorocyclohexane)	<0.017	<0.017	1	0.05
delta-BHC (Hexachlorocyclohexane)	<0.00876	<0.00876	1	0.05
Chlordane	<0.0196	<0.0196	1	0.2
4,4-DDT	<0.018	<0.018	1	0.02
4,4-DDE	<0.0161	<0.0161	1	0.1
4,4,-DDD	<0.0179	<0.0179	1	0.1
Dieldrin	<0.0173	<0.0173	1	0.02
Endosulfan I (alpha)	<0.0186	<0.0186	1	0.01
Endosulfan II (beta)	<0.0177	<0.0177	1	0.02
Endosulfan Sulfate	<0.0153	<0.0153	1	0.1
Endrin	<0.0166	<0.0166	1	0.02
Endrin Aldehyde	<0.0167	<0.0167	1	0.1
Heptachlor	<0.0278	<0.0278	1	0.01
Heptachlor Epoxide	<0.0182	<0.0182	1	0.01
PCB-1242	<0.0522	<0.0522	1	0.2
PCB-1254	<0.0656	<0.0656	1	0.2
PCB-1221	<0.0522	<0.0522	1	0.2
PCB-1232	<0.0522	<0.0522	1	0.2
PCB-1248	<0.0522	<0.0522	1	0.2
PCB-1260	<0.0656	<0.0656	1	0.2
PCB-1016	<0.0522	<0.0522	1	0.2
Toxaphene	<0.338	<0.338	1	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.

[Click to enter text.](#)

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.

[Click to enter text.](#)

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: [Click to enter text.](#)

Table 4.0(2)F – Dioxin/Furan Compounds

Compound	Toxic Equivalenc y 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: 19

48-hour Acute: 10

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
Summary of WET Tests is included in Attachment I			

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 (zero)

Average Daily Flows, in MGD: N/A

Significant IUs – non-categorical:

Number of IUs: 0 (zero)

Average Daily Flows, in MGD: N/A

Other IUs:

Number of IUs: 2 (two)

Average Daily Flows, in MGD: 0.55

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.

Click to enter text.

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.

Click to enter text.

D. Pretreatment program

Does your POTW have an approved pretreatment program?

☐ Yes ☒ No

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

Is your POTW required to develop an approved pretreatment program?

☐ Yes ☒ No

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

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

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

A. Substantial modifications

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

☐ Yes ☒ No

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

Click to enter text.

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.

Click to enter text.

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

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.

Click to enter text.

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

A. General information

Company Name: LivaNova

SIC Code: 3845/3841

Contact name: Michelle Bourke

Address: 100 Cyberonics Blvd

City, State, and Zip Code: Houston, TX 77058

Telephone number: 281-228-7589

Email address: Michelle.Bourke@livanova.com

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).

LivaNova, formerly Cyberonics, uses surface mount technology washing machines to clean computer boards after their assembly. The machines work in a closed-loop fashion, filtering the water with particle filters and deionizing beds to make the water available for reuse. During preventative maintenance, the water is discharged to the sanitary sewer system.

C. Product and service information

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

Cyberonics, Inc. designs and develops circuit boards for medical devices.

D. Flow rate information

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

Process Wastewater:

Discharge, in gallons/day: 92

Discharge Type: ☐ Continuous ☒ Batch ☐ Intermittent

Non-Process Wastewater:

Discharge, in gallons/day: 4765

Discharge Type: ☒ Continuous ☒ Batch ☐ Intermittent

E. Pretreatment standards

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

☐ Yes ☒ No

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

☒ Yes ☐ No

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

Category: Subcategories: Click to enter text.

Click or tap here to enter text. Click to enter text.

Category: 433

Subcategories: Click to enter text.

Category: Click to enter text.

Subcategories: Click to enter text.

Category: Click to enter text.

Subcategories: Click to enter text.

Category: Click to enter text.

Subcategories: Click to enter text.

F. Industrial user interruptions

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

☐ Yes ☒ No

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

Click to enter text.

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

G. General information

Company Name: NASA Johnson Space Center

SIC Code: 9661

Contact name: Charles Buter-Edwards

Address: 2101 NASA Parkway
City, State, and Zip Code: Houston, TX 77058
Telephone number: 346-278-8672
Email address: charles.k.butler-edwards@nasa.gov

H. 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).

NASA fabricates training mock-ups, produces and processes still and motion pictures, and performs general aerospace research.

I. Product and service information

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

No products, only research.

J. Flow rate information

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

Process Wastewater:

Discharge, in gallons/day: 20,000

Discharge Type: ☒ Continuous ☐ Batch ☐ Intermittent

Non-Process Wastewater:

Discharge, in gallons/day: 530,000

Discharge Type: ☒ Continuous ☐ Batch ☐ Intermittent

K. Pretreatment standards

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

☐ Yes ☒ No

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

☒ Yes ☐ No

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

Category: Subcategories: [Click to enter text.](#)

[Click or tap here to enter text.](#) [Click to enter text.](#)

Category: **433**

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

Category: **459**

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

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

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

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

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

L. Industrial user interruptions

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

☐ Yes ☒ No

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

[Click to enter text.](#)

WORKSHEET 7.0

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

CLASS V INJECTION WELL INVENTORY/AUTHORIZATION FORM

Submit the completed form to:

TCEQ
IUC Permits Team
Radioactive Materials Division
MC-233
PO Box 13087
Austin, Texas 78711-3087
512-239-6466

For TCEQ Use Only

Reg. No. _____

Date Received _____

Date Authorized _____

Section 1. General Information (Instructions Page 90)

1. TCEQ Program Area

Program Area (PST, VCP, IHW, etc.): [Click to enter text.](#)

Program ID: [Click to enter text.](#)

Contact Name: [Click to enter text.](#)

Phone Number: [Click to enter text.](#)

2. Agent/Consultant Contact Information

Contact Name: [Click to enter text.](#)

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

City, State, and Zip Code: [Click to enter text.](#)

Phone Number: [Click to enter text.](#)

3. Owner/Operator Contact Information

☐ Owner ☐ Operator

Owner/Operator Name: [Click to enter text.](#)

Contact Name: [Click to enter text.](#)

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

City, State, and Zip Code: [Click to enter text.](#)

Phone Number: [Click to enter text.](#)

4. Facility Contact Information

Facility Name: [Click to enter text.](#)

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

City, State, and Zip Code: [Click to enter text.](#)

Location description (if no address is available): [Click to enter text.](#)

Facility Contact Person: [Click to enter text.](#)

Phone Number: [Click to enter text.](#)

5. **Latitude and Longitude, in degrees-minutes-seconds**

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

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

Method of determination (GPS, TOPO, etc.): [Click to enter text.](#)

Attach topographic quadrangle map as attachment A.

6. **Well Information**

Type of Well Construction, select one:

- ☐ Vertical Injection
- ☐ Subsurface Fluid Distribution System
- ☐ Infiltration Gallery
- ☐ Temporary Injection Points
- ☐ Other, Specify: [Click to enter text.](#)

Number of Injection Wells: [Click to enter text.](#)

7. **Purpose**

Detailed Description regarding purpose of Injection System:

[Click to enter text.](#)

Attach a Site Map as Attachment B (Attach the Approved Remediation Plan, if appropriate.)

8. **Water Well Driller/Installer**

Water Well Driller/Installer Name: [Click to enter text.](#)

City, State, and Zip Code: [Click to enter text.](#)

Phone Number: [Click to enter text.](#)

License Number: [Click to enter text.](#)

Section 2. Proposed Down Hole Design

Attach a diagram signed and sealed by a licensed engineer as Attachment C.

Table 7.0(1) – Down Hole Design Table

Name of String	Size	Setting Depth	Sacks Cement/Grout – Slurry Volume – Top of Cement	Hole Size	Weight (lbs/ft) PVC/Steel
Casing					
Tubing					
Screen					

Section 3. Proposed Trench System, Subsurface Fluid Distribution System, or Infiltration Gallery

Attach a diagram signed and sealed by a licensed engineer as Attachment D.

System(s) Dimensions: [Click to enter text.](#)

System(s) Construction: [Click to enter text.](#)

Section 4. Site Hydrogeological and Injection Zone Data

1. Name of Contaminated Aquifer: [Click to enter text.](#)
2. Receiving Formation Name of Injection Zone: [Click to enter text.](#)
3. Well/Trench Total Depth: [Click to enter text.](#)
4. Surface Elevation: [Click to enter text.](#)
5. Depth to Ground Water: [Click to enter text.](#)
6. Injection Zone Depth: [Click to enter text.](#)
7. Injection Zone vertically isolated geologically? ☐ Yes ☐ No
Impervious Strata between Injection Zone and nearest Underground Source of Drinking Water:
Name: [Click to enter text.](#)
Thickness: [Click to enter text.](#)
8. Provide a list of contaminants and the levels (ppm) in contaminated aquifer
Attach as Attachment E.
9. Horizontal and Vertical extent of contamination and injection plume
Attach as Attachment F.
10. Formation (Injection Zone) Water Chemistry (Background levels) TDS, etc.
Attach as Attachment G.
11. Injection Fluid Chemistry in PPM at point of injection
Attach as Attachment H.
12. Lowest Known Depth of Ground Water with < 10,000 PPM TDS: [Click to enter text.](#)
13. Maximum injection Rate/Volume/Pressure: [Click to enter text.](#)
14. Water wells within 1/4 mile radius (attach map as Attachment I): [Click to enter text.](#)
15. Injection wells within 1/4 mile radius (attach map as Attachment J): [Click to enter text.](#)
16. Monitor wells within 1/4 mile radius (attach drillers logs and map as Attachment K): [Click to enter text.](#)
17. Sampling frequency: [Click to enter text.](#)
18. Known hazardous components in injection fluid: [Click to enter text.](#)

Section 5. Site History

1. Type of Facility: [Click to enter text.](#)
2. Contamination Dates: [Click to enter text.](#)
3. Original Contamination (VOCs, TPH, BTEX, etc.) and Concentrations (attach as Attachment L): [Click to enter text.](#)
4. Previous Remediation (attach results of any previous remediation as attachment M): [Click to enter text.](#)

NOTE: Authorization Form should be completed in detail and authorization given by the TCEQ before construction, operation, and/or conversion can begin. Attach additional pages as necessary.

Class V Injection Well Designations

- 5A07 Heat Pump/AC return (IW used for groundwater to heat and/or cool buildings)
- 5A19 Industrial Cooling Water Return Flow (IW used to cool industrial process equipment)
- 5B22 Salt Water Intrusion Barrier (IW used to inject fluids to prevent the intrusion of salt water into an aquifer)
- 5D02 Storm Water Drainage (IW designed for the disposal of rain water)
- 5D04 Industrial Stormwater Drainage Wells (IW designed for the disposal of rain water associated with industrial facilities)
- 5F01 Agricultural Drainage (IW that receive agricultural runoff)
- 5R21 Aquifer Recharge (IW used to inject fluids to recharge an aquifer)
- 5S23 Subsidence Control Wells (IW used to control land subsidence caused by ground water withdrawal)
- 5W09 Untreated Sewage
- 5W10 Large Capacity Cesspools (Cesspools that are designed for 5,000 gpd or greater)
- 5W11 Large Capacity Septic systems (Septic systems designed for 5,000 gpd or greater)
- 5W12 WTP disposal
- 5W20 Industrial Process Waste Disposal Wells
- 5W31 Septic System (Well Disposal method)
- 5W32 Septic System Drainfield Disposal
- 5X13 Mine Backfill (IW used to control subsidence, dispose of mining byproducts, and/or fill sections of a mine)
- 5X25 Experimental Wells (Pilot Test) (IW used to test new technologies or tracer dye studies)
- 5X26 Aquifer Remediation (IW used to clean up, treat, or prevent contamination of a USDW)
- 5X27 Other Wells
- 5X28 Motor Vehicle Waste Disposal Wells (IW used to dispose of waste from a motor vehicle site - These are currently banned)
- 5X29 Abandoned Drinking Water Wells (waste disposal)

Attachment A Core Data Form





TCEQ Core Data Form

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

SECTION I: General Information

1. Reason for Submission (If other is checked please describe in space provided.)		
☐ New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
☒ Renewal (Core Data Form should be submitted with the renewal form)	☐ Other	
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 600270102		RN 191440485

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)		10/18/2025	
☐ New Customer ☒ Update to Customer Information ☐ Change in Regulated Entity Ownership					
☐ Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)					
<i>The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).</i>					
6. Customer Legal Name (If an individual, print last name first: eg: Doe, John) <i>If new Customer, enter previous Customer below:</i>					
Clear Lake City Water Authority					
7. TX SOS/CPA Filing Number		8. TX State Tax ID (11 digits)		9. Federal Tax ID (9 digits)	
		17460561719		746056171	
				10. DUNS Number (if applicable) 078441920	
11. Type of Customer:		☐ Corporation		☐ Individual	
Government: ☒ City ☐ County ☐ Federal ☐ Local ☐ State ☐ Other		☐ Sole Proprietorship		Partnership: ☐ General ☐ Limited	
12. Number of Employees				13. Independently Owned and Operated?	
☐ 0-20 ☒ 21-100 ☐ 101-250 ☐ 251-500 ☐ 501 and higher				☐ Yes ☒ No	
14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following					
☐ Owner ☐ Operator ☒ Owner & Operator ☐ Other:					
☐ Occupational Licensee ☐ Responsible Party ☐ VCP/BSA Applicant					
15. Mailing Address:		Clear Lake City Water Authority			
		900 Bay Area Boulevard			
		City	Houston	State	TX
		ZIP	77058	ZIP + 4	
16. Country Mailing Information (if outside USA)				17. E-Mail Address (if applicable)	
				f.elliott@clcwa.org	

18. Telephone Number	19. Extension or Code	20. Fax Number (if applicable)
(281) 488-1164		(281) 488-6644

SECTION III: Regulated Entity Information

21. General Regulated Entity Information (If 'New Regulated Entity' is selected, a new permit application is also required.)								
☐ New Regulated Entity ☐ Update to Regulated Entity Name ☒ Update to Regulated Entity Information								
<i>The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).</i>								
22. Regulated Entity Name (Enter name of the site where the regulated action is taking place.)								
Robert T. Savely Water Reclamation Facility								
23. Street Address of the Regulated Entity: (No PO Boxes)	14210 Middlebrook Drive							
	City	Houston	State	TX	ZIP	77058	ZIP + 4	
24. County	Harris							

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

25. Description to Physical Location:								
26. Nearest City					State	Nearest ZIP Code		
<i>Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).</i>								
27. Latitude (N) In Decimal:					28. Longitude (W) In Decimal:			
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.)								
Wastewater Treatment								
34. Mailing Address:	Robert T. Savely Water Reclamation Facility							
	14210 Middlebrook Drive							
	City	Houston	State	TX	ZIP		ZIP + 4	
35. E-Mail Address:	f.elliott@clcwa.org							
36. Telephone Number	37. Extension or Code		38. Fax Number (if applicable)					
(281) 488-2400			() -					

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.

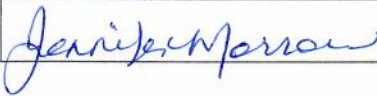
☐ Dam Safety	☐ Districts	☐ Edwards Aquifer	☐ Emissions Inventory Air	☐ Industrial Hazardous Waste
☐ Municipal Solid Waste	☐ New Source Review Air	☐ OSSF	☐ Petroleum Storage Tank	☐ PWS
☐ Sludge	☒ Storm Water	☐ Title V Air	☐ Tires	☐ Used Oil
	TXR05Q524			
☐ Voluntary Cleanup	☒ Wastewater	☐ Wastewater Agriculture	☐ Water Rights	☐ Other:
	WQ0010539001			

SECTION IV: Preparer Information

40. Name:	Cynthia Robinson	41. Title:	Permitting Specialist, Garver
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
(682) 747-5403		() -	CDRobinson@GarverUSA.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:	Clear Lake City Water Authority	Job Title:	General Manager
Name (In Print):	Jennifer Morrow	Phone:	(281) 488- 1164
Signature:		Date:	10/14/2025

Attachment B

Plain Language Summary





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.

Clear Lake City Water Authority (CN600270102) operates Robert T. Savely Water Reclamation Facility (RN101440485), an activated sludge process plant utilizing gravity sand filters and ultraviolet disinfection. The facility is located at 14210 Middlebrook Drive, in Houston, Harris County, Texas 77058. This application is for a renewal to discharge treated domestic wastewater at an annual average flow of 10,000,000 gallons per day.

Discharges from the facility are expected to contain 5-day carbonaceous biochemical oxygen demand (CBOD₅), total suspended solids (TSS), ammonia nitrogen (NH₃-N), and enterococci. Additional pollutants are included in the Domestic Technical, and Report 1.0, Section 7 and Worksheet 4.0. Domestic and process wastewater is treated by an activated sludge process with the following treatment units; bar screens, aeration basins, clarifiers, gravity sand filters, UV disinfection, digesters, and belt thickeners.

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

AGUAS RESIDUALES DOMÉSTICAS /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.

Autoridad del Agua de Clear Lake Ciudad (CN600270102) opera Planta de recuperación de agua Robert T. Savely RN101440485, una planta de proceso de lodos activados que utiliza filtros de arena por gravedad y desinfección ultravioleta.. La instalación está ubicada en 14210 Middlebrook Drive, en Houston, Condado de Harris, Texas 77058. Esta solicitud es para una renovación para descargar aguas residuales domésticas tratadas con un flujo promedio anual de 10,000,000 de galones por día..

Se espera que las descargas de la instalación contengan demanda bioquímica de oxígeno carbonoso de 5 días (CBOD5), sólidos suspendidos totales (TSS), nitrógeno amoniacal (NH3-N) y enterococos. Se incluyen contaminantes adicionales en el Informe Técnico Nacional 1.0, Sección 7 y Hoja de Trabajo 4.0. Las aguas residuales domésticas y de proceso. están tratado por un proceso de lodos activados con las siguientes unidades de tratamiento: rejillas de barras, tanques de aireación, clarificadores, filtros de arena por gravedad, desinfección UV, digestores y espesadores de banda.

INSTRUCTIONS

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

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

Example 1: Industrial Wastewater TPDES Application (ENGLISH)

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

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

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

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

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

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

Example 2: Domestic Wastewater TPDES Renewal application

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

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

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

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

Example 3: Domestic Wastewater TPDES New Application

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

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

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

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

Example 4: Domestic Wastewater TLAP Renewal application

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

of the permit application.

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

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

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

Attachment C

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: Clear Lake City Water Authority

Permit No. WQ00 10539001EPA ID No. TX 0022543

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

14210 Middlebrook Drive, Houston, Texas 77058; approximately one mile northeast of the intersection of Bay Area Boulevard and Space Center Boulevard, southeast of Horsepen Bayou and adjacent to the northernmost part of the Lyndon B. Johnson Space Center in Harris County, Texas 77058

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: Frank Elliott

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

Title: Wastewater Superintendent

Mailing Address: 900 Bay Area Blvd.

City, State, Zip Code: Houston, Texas 77058

Phone No.: 281-488-2400 Ext.: Fax No.: 281-924-0035

E-mail Address: F.Elliott@clcwa.org

2. List the county in which the facility is located: Harris
3. If the property is publicly owned and the owner is different than the permittee/applicant, please list the owner of the property.

The property owner is the permittee

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.

Outfall 001 to Horsepen Bayou (Segment 1113B) thence to Armand Bayou Tidal (Segment 1113) of the San Jacinto Brazos Coastal Basin.

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

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

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

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

☐ Sealing caves, fractures, sinkholes, other karst features

☒ Disturbance of vegetation or wetlands

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

N/A

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

Existing disturbances, vegetation, and land use are those typically associated with the operation and maintenance of a wastewater treatment plant.

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.

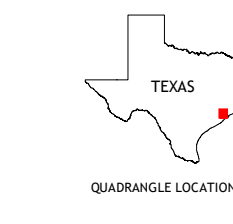
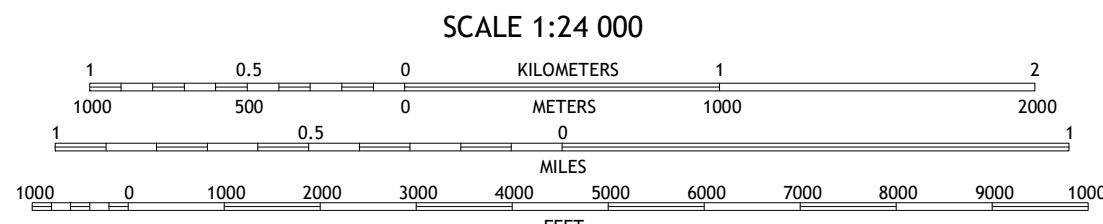
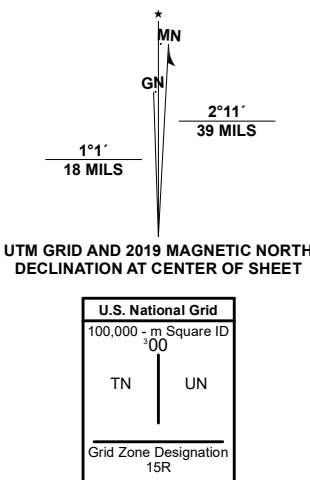
N/A



Produced by the United States Geological Survey

North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1 000-meter grid/Universal Transverse Mercator, Zone 18R
This map is not a legal document. Boundaries may be
generalized for this map scale. Private lands within government
reservations may not be shown. Obtain permission before
entering private lands.

Imagery.....NAIP, September 2016 - November 2016
Roads.....U.S. Census Bureau, 2015 - 2019
Names.....GNIS, 1979 - 2022
Hydrography.....National Hydrography Dataset, 2003 - 2018
Contours.....National Elevation Dataset, 2010
Boundaries.....Multiple sources; see metadata file, 2019 - 2021
Wetlands.....FWS National Wetlands Inventory, Not Available



1	2	3
4	5	6
7	8	9

ADJOINING QUADRANGLES

- 1 Pasadena
- 2 La Porte
- 3 Morgans Point
- 4 Friendswood
- 5 Baciff
- 6 Algoa
- 7 Dickinson
- 8 Texas City

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

LEAGUE CITY, TX
2022

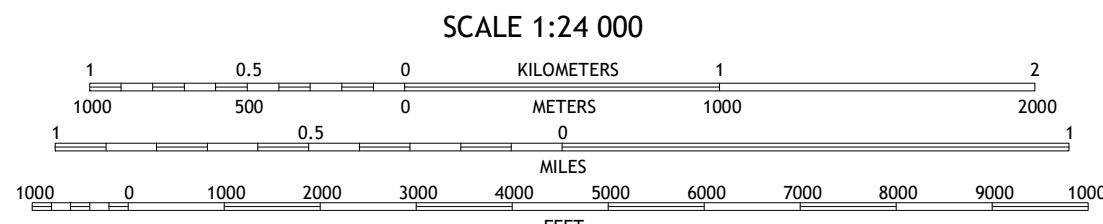
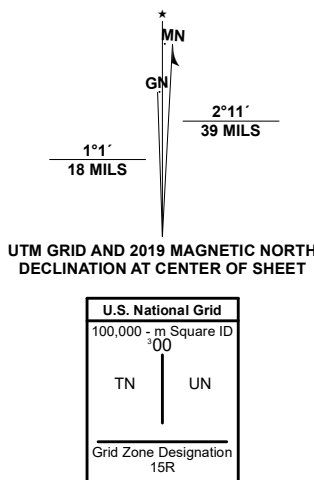




Produced by the United States Geological Survey

North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1 000-meter grid/Universal Transverse Mercator, Zone 16R
This map is not a legal document. Boundaries may be
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Imagery.....NAIP, September 2016 - November 2016
Roads.....U.S. Census Bureau, 2015 - 2019
Names.....GNIS, 1979 - 2022
Hydrography.....National Hydrography Dataset, 2003 - 2018
Contours.....National Elevation Dataset, 2010
Boundaries.....Multiple sources; see metadata file, 2019 - 2021
Wetlands.....FWS National Wetlands Inventory, Not Available



CONTOUR INTERVAL 5 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988
This map was produced to conform with the
National Geospatial Program US Topo Product Standard.



1	2	3
4	5	6
7	8	9

ADJOINING QUADRANGLES

- 1 Pasadena
- 2 La Porte
- 3 Morgans Point
- 4 Friendswood
- 5 Baciff
- 6 Alga
- 7 Dickinson
- 8 Texas City

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

LEAGUE CITY, TX
2022

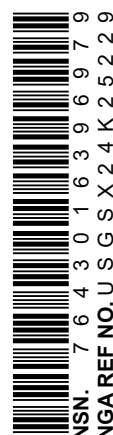




Photo Log



Photo 1 – Administration-Control Room-Blower 1 Building



Photo 2 – Aeration Basin Effluent



Photo Log

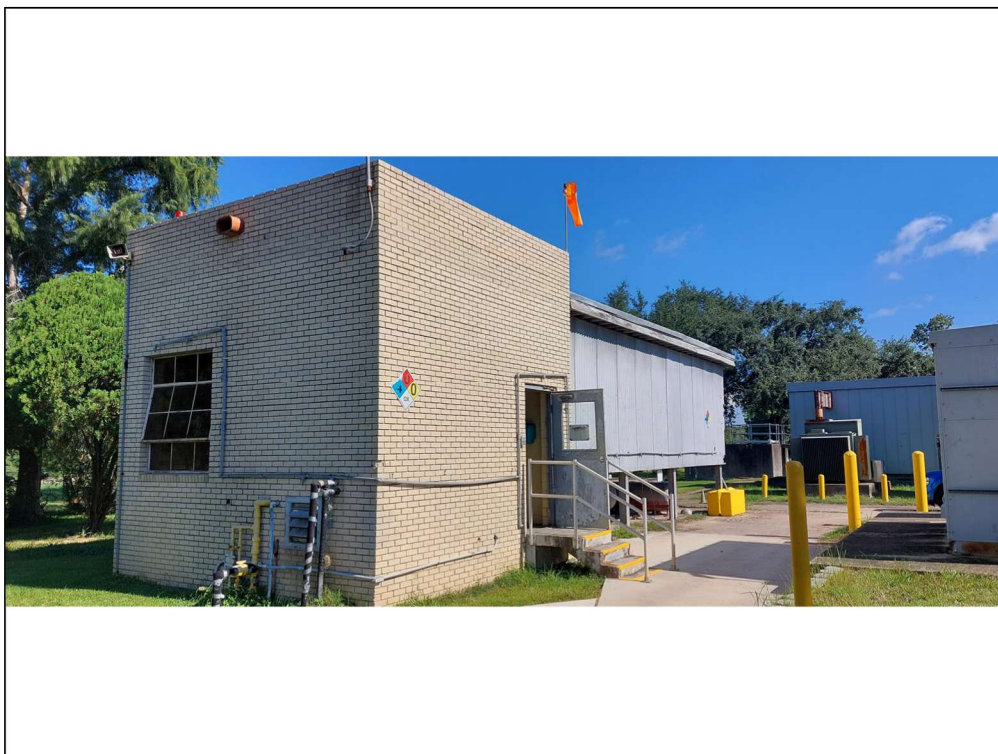


Photo 3 – Chlorine Building

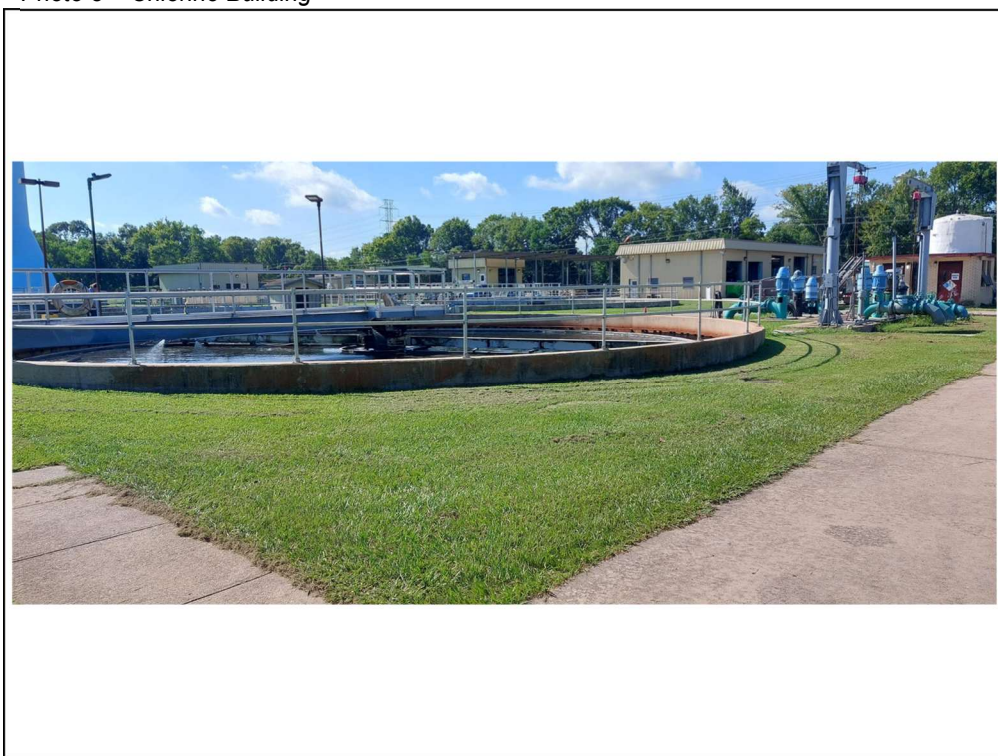


Photo 4 – Clarifier 1



Photo Log

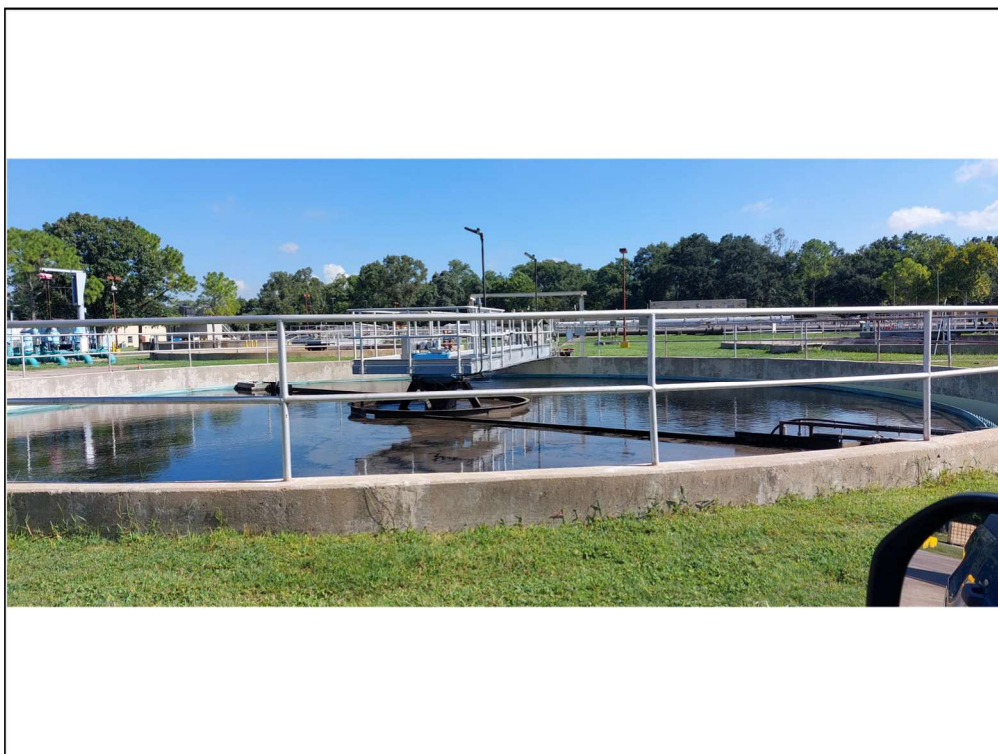


Photo 5 – Clarifier 2



Photo 6 – Clarifier 3 and RAS Pump Station



Photo Log



Photo 7 – Contact Chambers

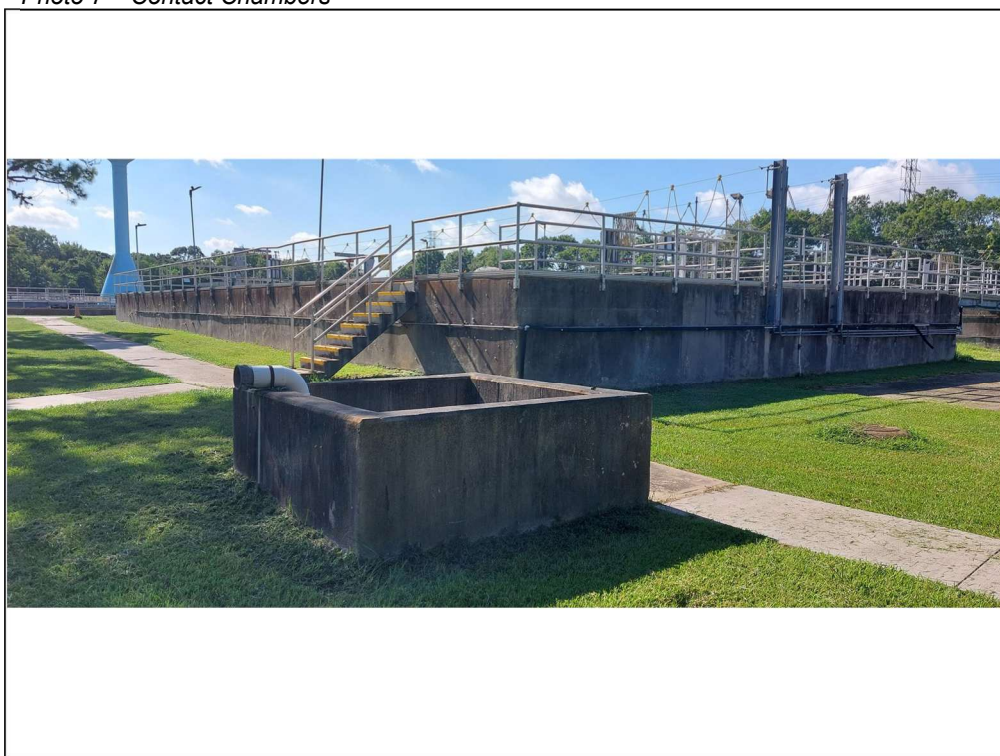


Photo 8 – Diversion Box B



Photo Log

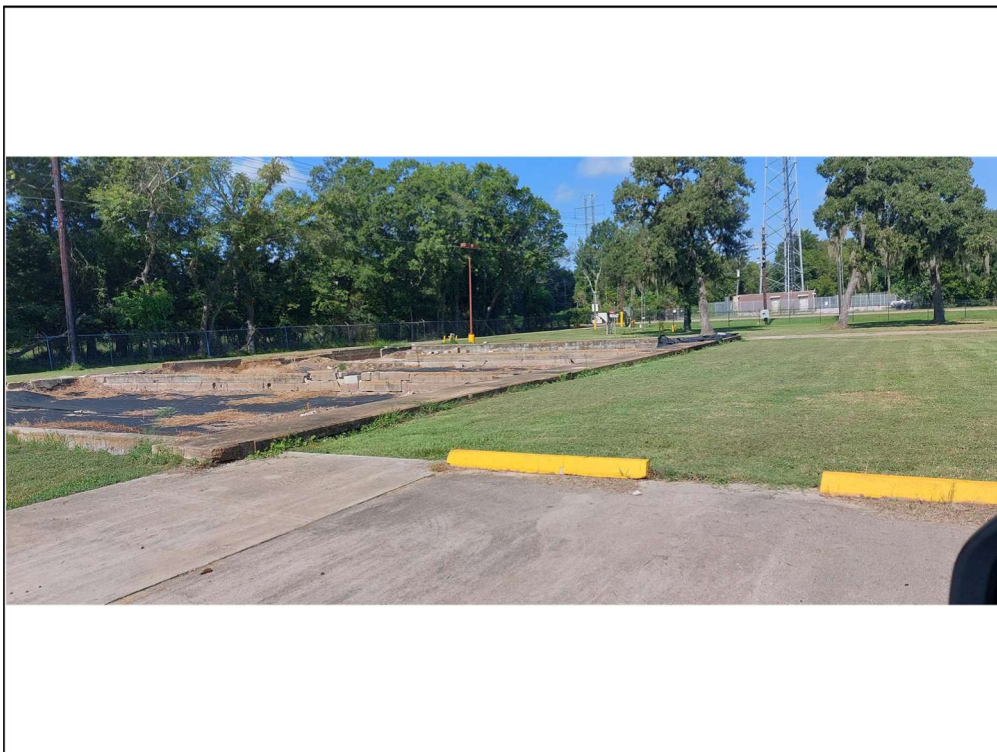


Photo 9 – Drying Beds

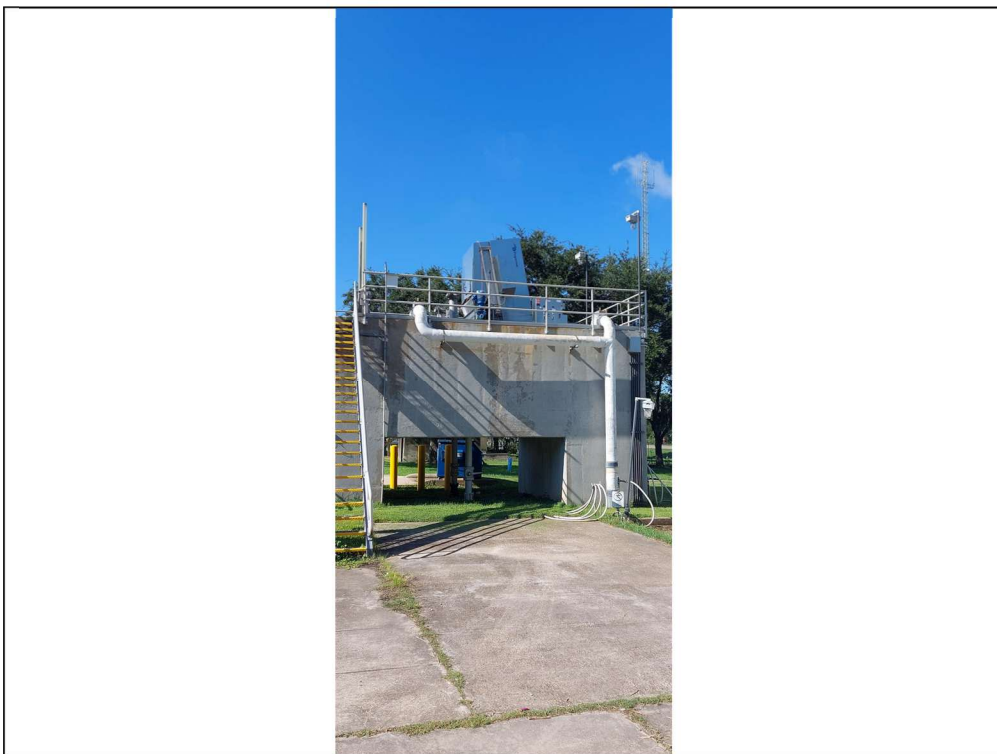


Photo 10 – Influent Structure



Photo Log



Photo 11 – Main Lift Station Building

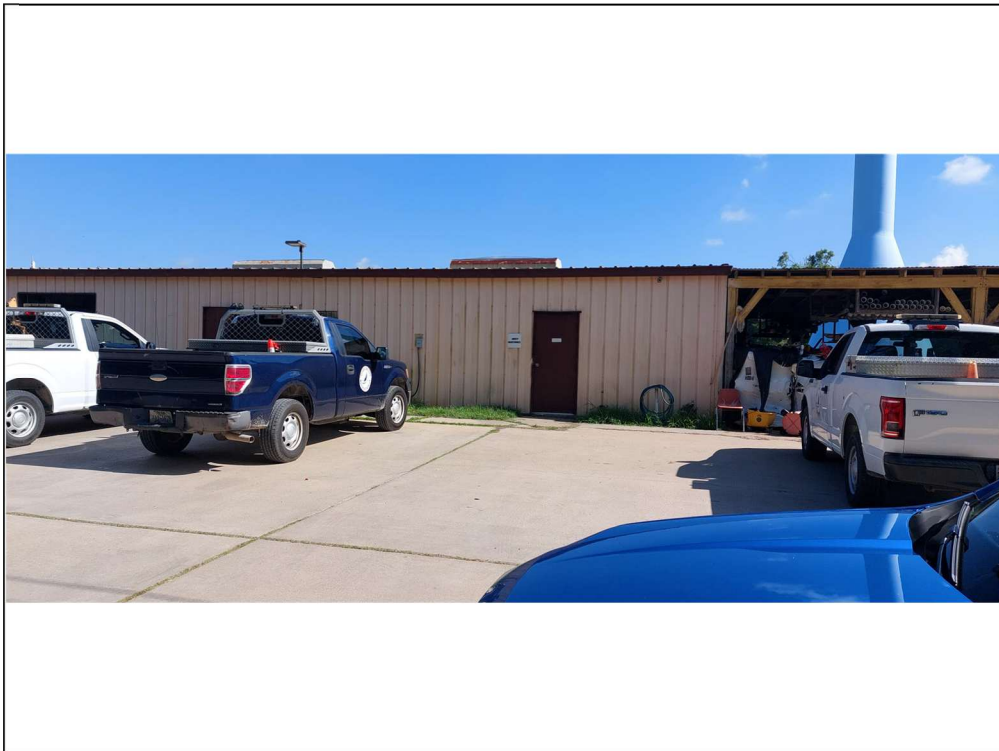


Photo 12 – Maintenance Building



Photo Log

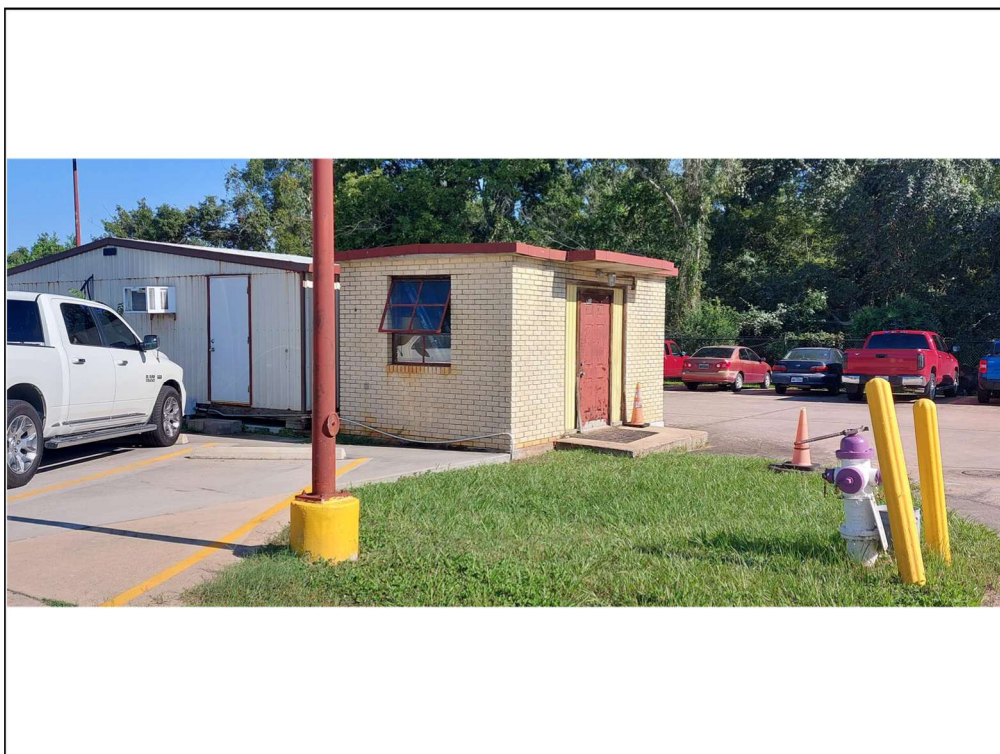


Photo 13 – Storage Building

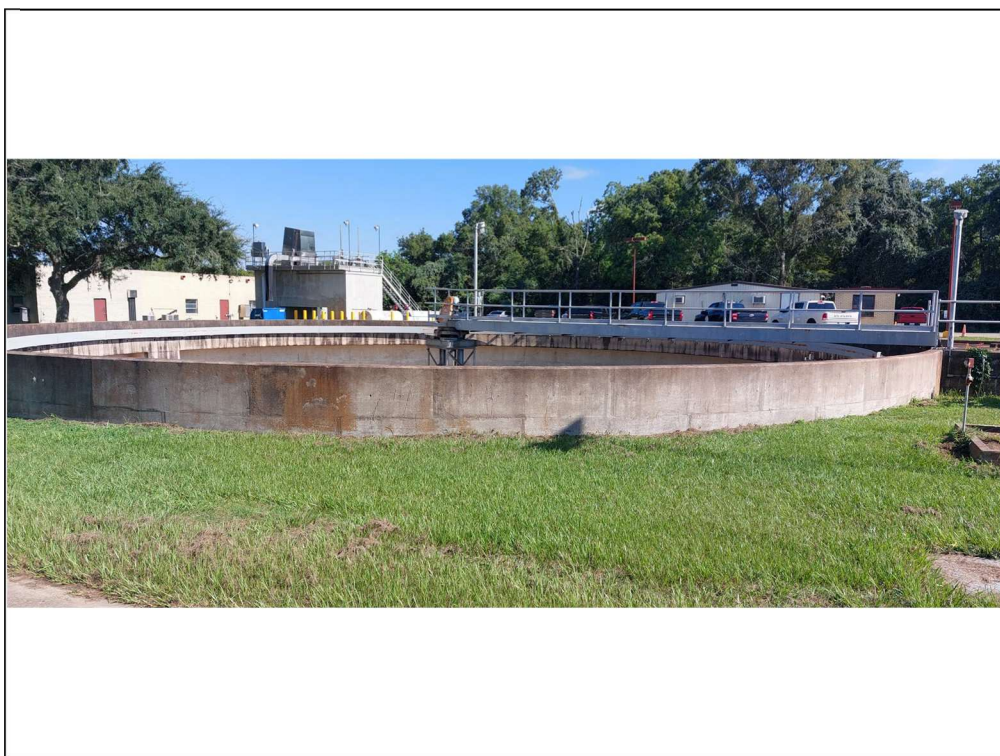


Photo 14 – Stormwater Clarifier



Photo Log

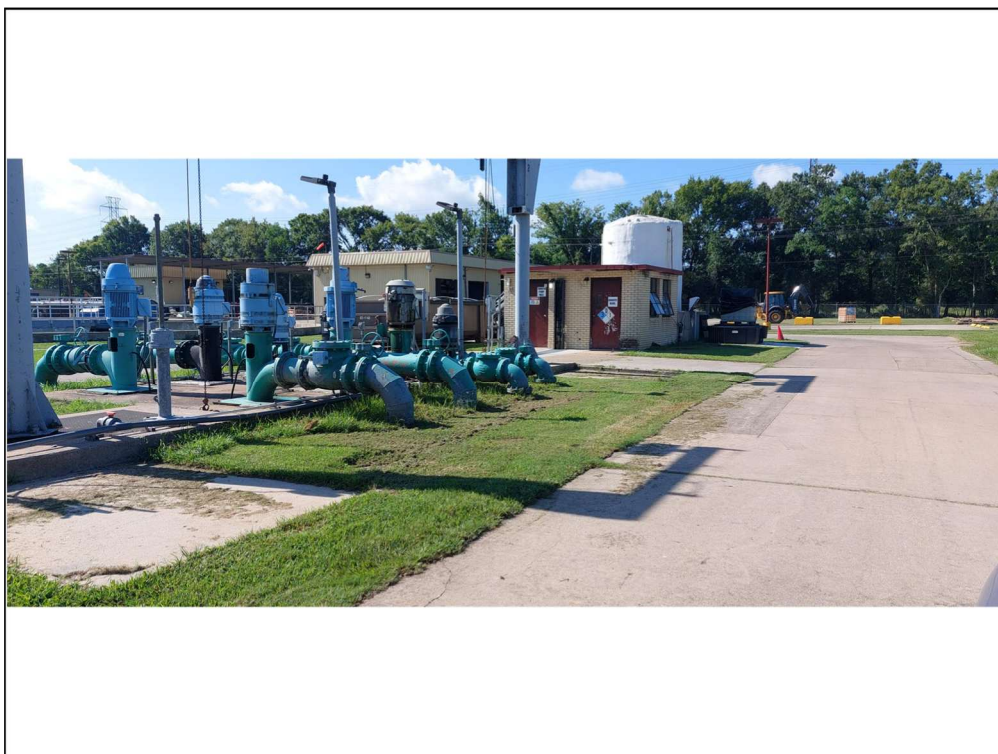


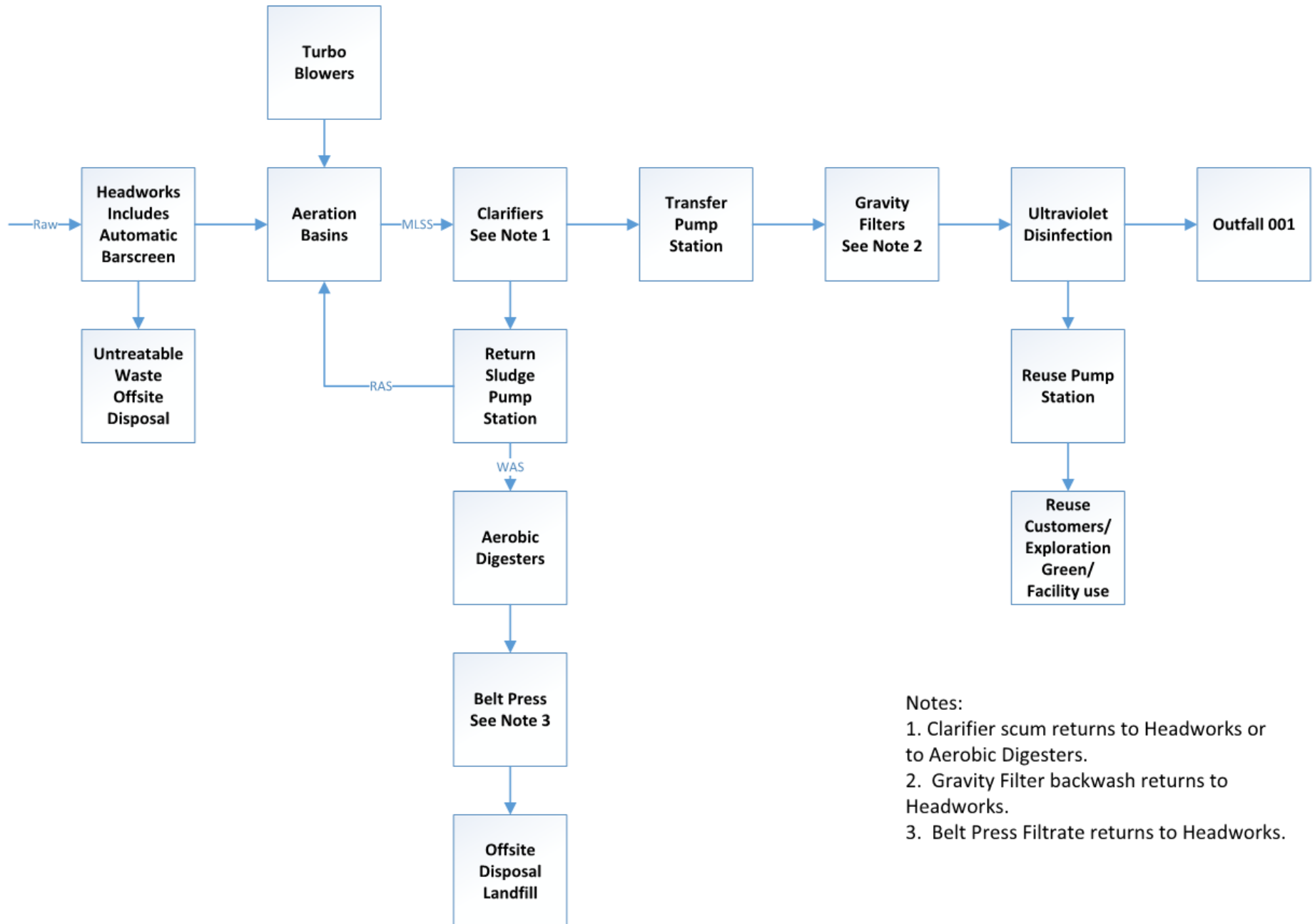
Photo 15 – Transfer Pump Station – MCC – Bisulfite Building

Attachment D

Process Flow Diagram



Clear Lake City Water Authority
Robert T. Savely Water Reclamation Facility
Process Flow Diagram



Attachment E

Site & Buffer Zone Map



Attachment F

Summary Transmittal Letter



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



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

July 17, 2025

Tyler V. Pjesky, P.E.
GARVER, LLC
12141 Wickchester Lane, Suite 200
Houston, TX 77079

Re: Clear Lake City Water Authority
CLCWA Wastewater Reclamation Facility New Headworks
Permit No. WQ0010539-001
WWPR Log No. 0725/035
CN600270102, RN101440485
Harris County

Dear Mr. Pjesky:

We received the project summary transmittal letter dated 7/2/2025.

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

Section 217.6(d), relating to case-by-case reviews, states in part that upon receipt of a summary transmittal letter, the executive director may approve of the project without reviewing a complete set of plans and specifications.

Under the authority of 30 TAC §217.6(e), a technical review of complete plans and specifications for this project is not required, and **the project proposed in the summary transmittal letter is approved for construction. Please note that this conditional approval does not relieve the applicant of any responsibilities to obtain all other necessary permits or authorizations, such as a wastewater treatment permit or any other authorization as required by Chapter 26 of the Texas Water Code.** Below are provisional requirements in 30 TAC Chapter 217, which must be met as a condition of approval. These items are provided as a reminder. If you have already met these requirements, please disregard this additional notice.

- You must keep records of certain materials for the life of the project and be prepared to provide them to TCEQ upon request. These materials include an engineering report, test results, a summary transmittal letter, and the final version of the project plans and specifications. These materials shall be prepared and sealed by a Professional Engineer licensed in the State of Texas and must show substantial compliance with 30 TAC Chapter 217. All plans and specifications must conform to any wastewater discharge requirements authorized in a permit issued by TCEQ. Specific items that must be addressed in the engineering report are discussed in 30 TAC §217.6(d). Additionally, the engineering report must include all constants, graphs, equations, and calculations needed to show substantial compliance with 30 TAC Chapter 217. The items which shall be included in the summary transmittal letter are addressed in 30 TAC §217.6(d)(1)-(9).

Tyler V. Pjesky, P.E.
Page 2
July 17, 2025

- Any deviations from 30 TAC Chapter 217 shall be disclosed in the summary transmittal letter, and the technical justifications for those deviations shall be provided in the engineering report. Any deviations from 30 TAC Chapter 217 shall be based on the best professional judgement of the licensed professional engineer sealing the materials and the engineer's judgement that the design would not result in a threat to public health or the environment.
- Any variance from a 30 TAC Chapter 217 requirement disclosed in your summary transmittal letter is approved. If in the future, additional variances from the requirements in 30 TAC Chapter 217 are desired for the project, each variance must be requested in writing by the design engineer. TCEQ will then consider granting a written approval to the additional variance requests for the specific project and the specific circumstances.
- Within 60 days of construction completion, an appointed engineer shall notify both the Wastewater Permitting Section of the TCEQ Water Quality Division and the appropriate TCEQ Regional Office of the completion date. The engineer shall also provide written certification that all construction, materials, and equipment were substantially in accordance with the approved project, and the rules of TCEQ, as well as provide any change orders filed with TCEQ throughout the duration of project construction. All notifications, certifications, and change orders must include the signed and dated seal of a Professional Engineer licensed in the State of Texas.

This approval does not mean that future projects will be approved without a complete plans and specifications review. TCEQ will provide notification whenever a project is to undergo a complete plans and specifications review. Please note 30 TAC §217.7(a) states, "Approval given by the executive director or other authorized review authority does not relieve an owner of any liability or responsibility with respect to designing, constructing, or operating a collection system or treatment facility in accordance with applicable commission rules and the associated wastewater permit".

If you have any questions or if we can be of any further assistance, please call me at (512) 239-4552.

Sincerely,

A handwritten signature in black ink, appearing to read 'Louis C. Herrin, III', with a stylized flourish at the end.

Louis C. Herrin, III, P.E.
Water Quality Division (MC 148)
Texas Commission on Environmental Quality

LCHIII/tc

cc: TCEQ, Region 12 Office

Attachment G

Observation Photos of Dry Weather Conditions





Observation Photos of Dry Weather Conditions

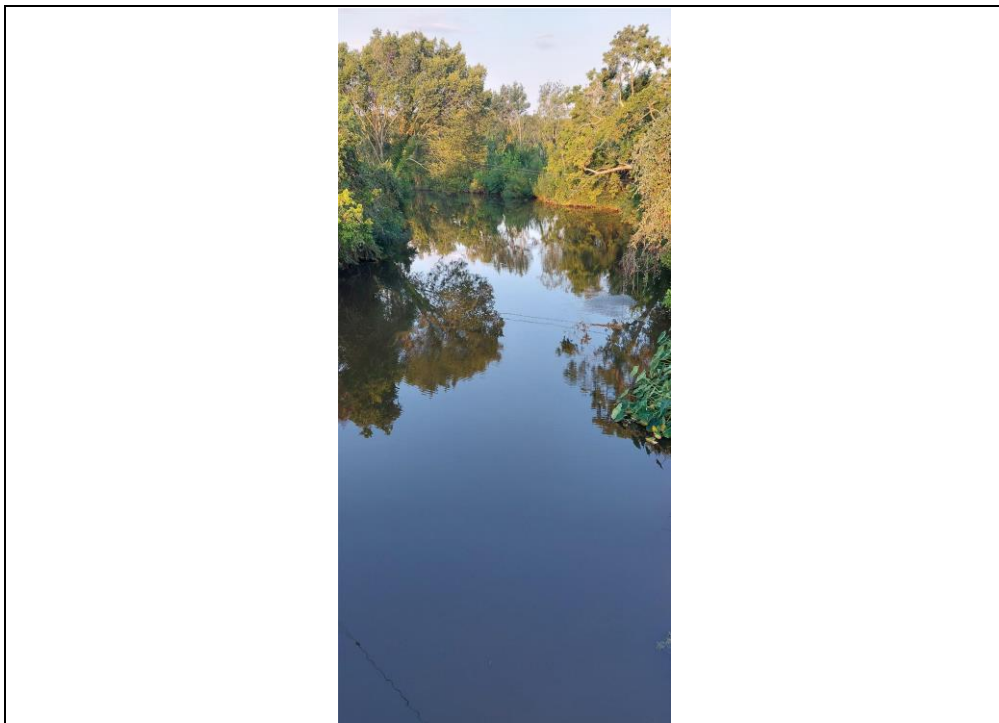


Photo 1 – Robert T Savely Downstream of Outfall 001 Horse Pen Bayou



Photo 2 – Robert T Savely Upstream of Outfall 001 Horse Pen Bayou



Observation Photos of Dry Weather Conditions



Photo 3 – Robert T Savely Outfall 001 Entering Horse Pen Bayou

Attachment H

Plant Laboratory Data Sheets





P.O. Box 1089 Coldspring Tx 77331
Website: eastexlabs.com
Email: eastexlab@eastex.net
Tel: 936 653 3249



September 23, 2025

Clearlake WWTP
Clear Lake City WWTP
14210 Middlebrook Drive
Houston, TEXAS 77058

RE: **Clear Lake Long PR**

Enclosed are the results of analyses for samples received by the laboratory on 07/15/25 14:11, with Lab ID Number 5261481. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Daniel Bowen
Chief Operations Officer

CORRECTED REPORT
ORIGINAL REPORT
DATE
8/7/25 Rev 2



P.O. Box 1089 Coldspring Tx 77331
Website: eastexlabs.com
Email: eastexlab@eastex.net
Tel: 936 653 3249



Clear Lake City WWTP
14210 Middlebrook Drive
Houston TEXAS, 77058

LABORATORY ANALYTICAL REPORT

Project: Clear Lake Long PR
Client Matrix: Water

Sample Date & Time: 07/15/2025 08:30

Collector: JG

Sample Type: Composite

Print Date: 9/23/2025

Composite 5261481-01 (Water)

Analyte	Result	Reporting Limit	Units	Nelac Status	Batch	Analyzed Date & Time	Method	Notes
<u>Metals</u>								
-								
Aluminum - Total	33.0	2.00	ug/L	A	B5G6526	07/17/2025 12:06	EPA 200.8	
Antimony - Total	<2.00	2.00	ug/L	A	B5G6526	07/17/2025 12:06	EPA 200.8	
Arsenic, Total	1.42	0.500	ug/L	A	B5G6526	07/17/2025 12:06	EPA 200.8	
Barium, Total	38.4	1.00	ug/L	A	B5G6526	07/17/2025 12:06	EPA 200.8	
Beryllium, Total	<0.500	0.500	ug/L	A	B5G6526	07/17/2025 12:06	EPA 200.8	
Cadmium, Total	<1.00	1.00	ug/L	A	B5G6526	07/17/2025 12:06	EPA 200.8	
Chromium, Total	<1.00	1.00	ug/L	A	B5G6526	07/17/2025 12:06	EPA 200.8	
Lead, Total	<0.500	0.500	ug/L	A	B5G6526	07/17/2025 12:06	EPA 200.8	
Nickel, Total	3.84	2.00	ug/L	A	B5G6526	07/17/2025 12:06	EPA 200.8	
Selenium, Total	<2.00	2.00	ug/L	A	B5G6526	07/17/2025 12:06	EPA 200.8	
Silver, Total	<0.500	0.500	ug/L	A	B5G6526	07/17/2025 12:06	EPA 200.8	
Thallium, Total	<0.500	0.500	ug/L	A	B5G6526	07/17/2025 12:06	EPA 200.8	
<u>Wet Lab</u>								
-								
Chromium, (VI)	<3	3	ug/L	A	B5G8153	07/23/2025 10:20	SM 3500 Cr B	
Chromium, Trivalent	<3	3	ug/L	N	B5H4314	08/06/2025 16:40	-	
Fluoride	213	100	ug/L	A	B5G6389	07/15/2025 17:38	EPA 300.0	
Nitrate as N	9440	50.0	ug/L	A	B5G6389	07/15/2025 17:38	EPA 300.0	



P.O. Box 1089 Coldspring Tx 77331
Website: eastexlabs.com
Email: eastexlab@eastex.net
Tel: 936 653 3249



Clear Lake City WWTP
14210 Middlebrook Drive
Houston TEXAS, 77058

Project: Clear Lake Long PR
Client Matrix: Water

Sample Date & Time: 07/15/2025 08:00

Collector: JG
Sample Type: Grab
Print Date: 9/23/2025

Grab
5261481-02 (Water)

Analyte	Result	Reporting Limit	Units	Nelac Status	Batch	Analyzed Date & Time	Method	Notes
---------	--------	--------------------	-------	-----------------	-------	-------------------------	--------	-------

Metals

Total Phosphorus	2.77	0.0600	mg/L	A	B5G6571	07/17/2025 11:06	EPA 200.7	
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Organics

Volatiles 624.1

Methyl-tert-Butyl Ether	<1.00	1.00	ug/L	A	B5G6334	07/16/2025 11:35	EPA 624.1	
1,2-Dichlorobenzene	<1.00	1.00	ug/L	A	B5G6334	07/16/2025 11:35	EPA 624.1	
(o-Dichlorobenzene)								
1,3-Dichlorobenzene	<1.00	1.00	ug/L	A	B5G6334	07/16/2025 11:35	EPA 624.1	
1,4-Dichlorobenzene	<1.00	1.00	ug/L	A	B5G6334	07/16/2025 11:35	EPA 624.1	
Surrogate: 1,2-Dichloroethane-d4		%	60-140		B5G6334	07/16/2025 11:35	EPA 624.1	
Surrogate: 4-Bromofluorobenzene		%	60-140		B5G6334	07/16/2025 11:35	EPA 624.1	
Surrogate: Dibromofluoromethane		%	60-140		B5G6334	07/16/2025 11:35	EPA 624.1	
Surrogate: Toluene-d8		%	60-140		B5G6334	07/16/2025 11:35	EPA 624.1	

Volatiles 624.1-Permit

1,1,1-Trichloroethane	<10.0	10.0	ug/L	A	B5G6334	07/16/2025 11:35	EPA 624.1	
1,1,2,2-Tetrachloroethane	<10.0	10.0	ug/L	A	B5G6334	07/16/2025 11:35	EPA 624.1	
1,1,2-Trichloroethane	<10.0	10.0	ug/L	A	B5G6334	07/16/2025 11:35	EPA 624.1	
1,1-Dichloroethane	<10.0	10.0	ug/L	A	B5G6334	07/16/2025 11:35	EPA 624.1	
1,1-Dichloroethene	<10.0	10.0	ug/L	A	B5G6334	07/16/2025 11:35	EPA 624.1	
1,2-Dibromoethane	<10.0	10.0	ug/L	A	B5G6334	07/16/2025 11:35	EPA 624.1	
1,2-Dichloroethane	<10.0	10.0	ug/L	A	B5G6334	07/16/2025 11:35	EPA 624.1	
1,2-Dichloropropane	<10.0	10.0	ug/L	A	B5G6334	07/16/2025 11:35	EPA 624.1	
2-Chloroethyl vinyl ether	<10.0	10.0	ug/L	A	B5G6334	07/16/2025 11:35	EPA 624.1	
Acrolein	<10.0	10.0	ug/L	A	B5G6334	07/16/2025 11:35	EPA 624.1	
Acrylonitrile	<50.0	50.0	ug/L	A	B5G6334	07/16/2025 11:35	EPA 624.1	
Benzene	<10.0	10.0	ug/L	A	B5G6334	07/16/2025 11:35	EPA 624.1	
Bromodichloromethane	<10.0	10.0	ug/L	A	B5G6334	07/16/2025 11:35	EPA 624.1	

Eastex Environmental Laboratory - Coldspring

The results in this report apply to the samples analyzed in accordance with the chain of custody document.
This analytical report must be reproduced in its entirety.

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



P.O. Box 1089 Coldspring Tx 77331
Website: eastexlabs.com
Email: eastexlab@eastex.net
Tel: 936 653 3249



Clear Lake City WWTP
14210 Middlebrook Drive
Houston TEXAS, 77058

Project: Clear Lake Long PR
Client Matrix: Water

Sample Date & Time: 07/15/2025 08:00

Collector: JG
Sample Type: Grab
Print Date: 9/23/2025

Grab
5261481-02 (Water)

Analyte	Result	Reporting Limit	Units	Nelac Status	Batch	Analyzed Date & Time	Method	Notes
<u>Organics</u>								
-								
Bromoform	<10.0	10.0	ug/L	A	B5G6334	07/16/2025 11:35	EPA 624.1	
Carbon Tetrachloride	<2.00	2.00	ug/L	A	B5G6334	07/16/2025 11:35	EPA 624.1	
Chlorobenzene	<10.0	10.0	ug/L	A	B5G6334	07/16/2025 11:35	EPA 624.1	
Chloroethane	<50.0	50.0	ug/L	A	B5G6334	07/16/2025 11:35	EPA 624.1	
Chloroform	<10.0	10.0	ug/L	A	B5G6334	07/16/2025 11:35	EPA 624.1	
Dibromochloromethane (Chlorodibromomethane)	<10.0	10.0	ug/L	A	B5G6334	07/16/2025 11:35	EPA 624.1	
Cis-1,3-Dichloropropene	<10.0	10.0	ug/L	A	B5G6334	07/16/2025 11:35	EPA 624.1	
Ethylbenzene	<10.0	10.0	ug/L	A	B5G6334	07/16/2025 11:35	EPA 624.1	
Methyl Bromide	<50.0	50.0	ug/L	A	B5G6334	07/16/2025 11:35	EPA 624.1	
Methyl Chloride	<50.0	50.0	ug/L	A	B5G6334	07/16/2025 11:35	EPA 624.1	
Methyl Ethyl Ketone	<50.0	50.0	ug/L	A	B5G6334	07/16/2025 11:35	EPA 624.1	
Toluene	<10.0	10.0	ug/L	A	B5G6334	07/16/2025 11:35	EPA 624.1	
trans-1,2-Dichloroethene	<10.0	10.0	ug/L	A	B5G6334	07/16/2025 11:35	EPA 624.1	
Trans-1,3-Dichloropropene	<10.0	10.0	ug/L	A	B5G6334	07/16/2025 11:35	EPA 624.1	
Trichloroethene	<10.0	10.0	ug/L	A	B5G6334	07/16/2025 11:35	EPA 624.1	
Total Trihalomethanes	<10.0	10.0	ug/L	A	B5G6334	07/16/2025 11:35	EPA 624.1	
Cis-1,2-Dichloroethene	<10.0	10.0	ug/L	A	B5G6334	07/16/2025 11:35	EPA 624.1	
Vinyl Chloride	<10.0	10.0	ug/L	A	B5G6334	07/16/2025 11:35	EPA 624.1	
1,3-Dichloropropene	<10.0	10.0	ug/L	N	B5G6334	07/16/2025 11:35	EPA 624.1	
Methylene Chloride (Dichloromethane)	<10.0	10.0	ug/L	A	B5G6334	07/16/2025 11:35	EPA 624.1	
Tetrachloroethene (Tetrachloroethylene)	<10.0	10.0	ug/L	A	B5G6334	07/16/2025 11:35	EPA 624.1	
Acetone	<10.0	10.0	ug/L	A	B5G6334	07/16/2025 11:35	EPA 624.1	23
Surrogate: 1,2-Dichloroethane-d4		88.1 %	60-140		B5G6334	07/16/2025 11:35	EPA 624.1	
Surrogate: 4-Bromofluorobenzene		86.6 %	60-140		B5G6334	07/16/2025 11:35	EPA 624.1	
Surrogate: Dibromofluoromethane		85.4 %	60-140		B5G6334	07/16/2025 11:35	EPA 624.1	

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Email: eastexlab@eastex.net
Tel: 936 653 3249



Clear Lake City WWTP
14210 Middlebrook Drive
Houston TEXAS, 77058

Project: Clear Lake Long PR
Client Matrix: Water

Sample Date & Time: 07/15/2025 08:00

Collector: JG
Sample Type: Grab
Print Date: 9/23/2025

Grab
5261481-02 (Water)

Analyte	Result	Reporting Limit	Units	Nelac Status	Batch	Analyzed Date & Time	Method	Notes
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Organics

-	Surrogate: Toluene-d8	113 %	60-140		B5G6334	07/16/2025 11:35	EPA 624.1	
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Wet Lab

-	Alkalinity	76.0	20.0 mg CaCO ₃ /L	A	B5G7130	07/22/2025 10:28	SM 2320 B	
	Chloride	63.2	5.0 mg/L	A	B5G6388	07/15/2025 17:33	EPA 300.0	
	Conductivity	565	10.0 μmhos/cm @25C	A	B5G6751	07/17/2025 11:21	SM 2510 B	
	Cyanide	<5.00	5.00 ug/L	A	B5G6408	07/16/2025 10:42	SM 4500 CN- E	53
	Nitrate as N	7.60	0.05 mg/L	A	B5G6388	07/15/2025 17:33	EPA 300.0	
	Oil Grease, HEM	<5.1	5.1 mg/L	A	B5G7108	07/21/2025 10:54	EPA 1664A	
	Phenol, low level	<10.0	10.0 ppb	A	B5G7790	07/25/2025 12:36	EPA 420.1	B
	Sulfate	42.5	4.0 mg/L	A	B5G6388	07/15/2025 17:33	EPA 300.0	
	TDS	310	10.0 mg/L	A	B5G7269	07/22/2025 10:04	SM 2540 C	
	TKN	2.3	1.0 mg/L	A	B5G6608	07/18/2025 10:11	EPA 351.2	



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EPA 624.1 - Quality Control
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5G6334 - EPA 5030C

Prepared: 07/15/25 09:54

Blank (B5G6334-BLK1)

Analyzed: 7/16/2025 11:35:00AM

1,1,1-Trichloroethane	ND	10.0	ug/L
1,1,2,2-Tetrachloroethane	ND	10.0	ug/L
1,1,2-Trichloroethane	ND	10.0	ug/L
1,1-Dichloroethane	ND	10.0	ug/L
1,1- Dichloroethene	ND	10.0	ug/L
1,2-Dibromoethane	ND	10.0	ug/L
1,2-Dichloroethane	ND	10.0	ug/L
1,2-Dichloropropane	ND	10.0	ug/L
2-Chloroethyl vinyl ether	ND	10.0	ug/L
Acrolein	ND	10.0	ug/L
Acrylonitrile	ND	50.0	ug/L
Benzene	ND	10.0	ug/L
Bromodichloromethane	ND	10.0	ug/L
Bromoform	ND	10.0	ug/L
Carbon Tetrachloride	ND	2.00	ug/L
Methyl-tert-Butyl Ether	ND	1.00	ug/L
Chlorobenzene	ND	10.0	ug/L
Chloroethane	ND	50.0	ug/L
Chloroform	ND	10.0	ug/L
Dibromochloromethane (Chlorodibromomethane)	ND	10.0	ug/L
Cis-1,3-Dichloropropene	ND	10.0	ug/L
Ethylbenzene	ND	10.0	ug/L
Methyl Bromide	ND	50.0	ug/L
Methyl Chloride	ND	50.0	ug/L
Methyl Ethyl Ketone	ND	50.0	ug/L
Toluene	ND	10.0	ug/L
trans-1,2-Dichloroethene	ND	10.0	ug/L
Trans-1,3-Dichloropropene	ND	10.0	ug/L
1,2-Dichlorobenzene (o-Dichlorobenzene)	ND	1.00	ug/L
Trichloroethene	ND	10.0	ug/L
1,3-Dichlorobenzene	ND	1.00	ug/L
Total Trihalomethanes	ND	10.0	ug/L
1,4-Dichlorobenzene	ND	1.00	ug/L
Cis-1,2-Dichloroethene	ND	10.0	ug/L
Vinyl Chloride	ND	10.0	ug/L

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 Email: eastexlab@eastex.net
 Tel: 936 653 3249



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EPA 624.1 - Quality Control
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B5G6334 - EPA 5030C		Prepared: 07/15/25 09:54								
Blank (B5G6334-BLK1)		Analyzed: 7/16/2025 11:35:00AM								
1,3-Dichloropropene	ND	10.0	ug/L							
Methylene Chloride (Dichloromethane)	ND	10.0	ug/L							
Tetrachloroethene (Tetrachloroethylene)	ND	10.0	ug/L							
Acetone	ND	10.0	ug/L							
Surrogate: 1,2-Dichloroethane-d4	18.9		ug/L	20.0		94.3	60-140			
Surrogate: 4-Bromofluorobenzene	17.5		ug/L	20.0		87.4	60-140			
Surrogate: Dibromofluoromethane	17.5		ug/L	20.0		87.3	60-140			
Surrogate: Toluene-d8	21.1		ug/L	20.0		106	60-140			
Surrogate: 1,2-Dichloroethane-d4	18.9		ug/L	20.0		94.3	60-140			
Surrogate: 4-Bromofluorobenzene	17.5		ug/L	20.0		87.4	60-140			
Surrogate: Dibromofluoromethane	17.5		ug/L	20.0		87.3	60-140			
Surrogate: Toluene-d8	21.1		ug/L	20.0		106	60-140			
LCS (B5G6334-BS1)		Analyzed: 7/16/2025 11:35:00AM								
1,1,1-Trichloroethane	22.5	10.0	ug/L	20.0		113	70-130			
1,1,2,2-Tetrachloroethane	22.7	10.0	ug/L	20.0		114	60-140			
1,1,2-Trichloroethane	21.8	10.0	ug/L	20.0		109	70-130			
1,1-Dichloroethane	22.0	10.0	ug/L	20.0		110	71-143			
1,1-Dichloroethene	19.1	10.0	ug/L	20.0		95.4	50-150			
1,2-Dibromoethane	22.4	10.0	ug/L	20.0		112	70-130			
1,2-Dichloroethane	21.6	10.0	ug/L	20.0		108	70-130			
1,2-Dichloropropane	20.9	10.0	ug/L	20.0		105	35-165			
2-Chloroethyl vinyl ether	12.6	10.0	ug/L	100		12.6	0-225			
Acrolein	202	10.0	ug/L	200		101	60-140			
Acrylonitrile	20.8	50.0	ug/L	20.0		104	60-140			
Benzene	21.4	10.0	ug/L	20.0		107	65-135			
Bromodichloromethane	22.5	10.0	ug/L	20.0		113	65-135			
Bromoform	22.4	10.0	ug/L	20.0		112	70-130			
Carbon Tetrachloride	22.7	2.00	ug/L	20.0		113	70-130			
Methyl-tert-Butyl Ether	21.4	1.00	ug/L	20.0		107	60-140			
Chlorobenzene	19.4	10.0	ug/L	20.0		96.8	65-135			
Chloroethane	17.0	50.0	ug/L	20.0		85.2	40-160			
Chloroform	21.1	10.0	ug/L	20.0		106	70-135			
Dibromochloromethane (Chlorodibromomethane)	22.4	10.0	ug/L	20.0		112	70-135			
Cis-1,3-Dichloropropene	21.0	10.0	ug/L	20.0		105	25-175			

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Email: eastexlab@eastex.net
Tel: 936 653 3249



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EPA 624.1 - Quality Control
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5G6334 - EPA 5030C

Prepared: 07/15/25 09:54

LCS (B5G6334-BS1)

Analyzed: 7/16/2025 11:35:00AM

Ethylbenzene	20.0	10.0	ug/L	20.0		99.9	60-140			
Methyl Bromide	19.0	50.0	ug/L	20.0		95.0	15-185			
Methyl Chloride	20.9	50.0	ug/L	20.0		104	0-221			
Methyl Ethyl Ketone	111	50.0	ug/L	100		111	70-130			
Toluene	20.6	10.0	ug/L	20.0		103	70-130			
trans-1,2-Dichloroethene	19.2	10.0	ug/L	20.0		95.9	70-130			
Trans-1,3-Dichloropropene	22.1	10.0	ug/L	20.0		111	50-150			
1,2-Dichlorobenzene (o-Dichlorobenzene)	17.8	1.00	ug/L	20.0		89.1	65-135			
Trichloroethene	19.5	10.0	ug/L	20.0		97.7	65-135			
1,3-Dichlorobenzene	18.6	1.00	ug/L	20.0		93.2	70-130			
1,4-Dichlorobenzene	17.3	1.00	ug/L	20.0		86.4	65-135			
Cis-1,2-Dichloroethene	20.4	10.0	ug/L	20.0		102	63-137			
Vinyl Chloride	22.1	10.0	ug/L	20.0		110	50-150			
Methylene Chloride (Dichloromethane)	20.9	10.0	ug/L	20.0		104	60-140			
Tetrachloroethene (Tetrachloroethylene)	19.8	10.0	ug/L	20.0		99.1	70-130			
Acetone	122	10.0	ug/L	100		122	70-130			
Surrogate: 1,2-Dichloroethane-d4	18.9		ug/L	20.0		94.6	60-140			
Surrogate: 4-Bromofluorobenzene	17.8		ug/L	20.0		88.8	60-140			
Surrogate: Dibromofluoromethane	19.0		ug/L	20.0		95.0	60-140			
Surrogate: Toluene-d8	19.5		ug/L	20.0		97.7	60-140			
Surrogate: 1,2-Dichloroethane-d4	18.9		ug/L	20.0		94.6	60-140			
Surrogate: 4-Bromofluorobenzene	17.8		ug/L	20.0		88.8	60-140			
Surrogate: Dibromofluoromethane	19.0		ug/L	20.0		95.0	60-140			
Surrogate: Toluene-d8	19.5		ug/L	20.0		97.7	60-140			

Matrix Spike (B5G6334-MS1)

Source: 5261481-02

Analyzed: 7/16/2025 11:35:00AM

1,1,1-Trichloroethane	16.1	10.0	ug/L	20.0	ND	80.7	52-162			
1,1,2,2-Tetrachloroethane	15.9	10.0	ug/L	20.0	ND	79.5	46-157			
1,1,2-Trichloroethane	16.5	10.0	ug/L	20.0	ND	82.6	52-150			
1,1-Dichloroethane	20.4	10.0	ug/L	20.0	ND	102	59-155			
1,1-Dichloroethene	19.9	10.0	ug/L	20.0	ND	99.7	0-234			
1,2-Dibromoethane	16.6	10.0	ug/L	20.0	ND	82.8	70-130			
1,2-Dichloroethane	18.2	10.0	ug/L	20.0	ND	91.2	49-155			
1,2-Dichloropropane	19.5	10.0	ug/L	20.0	ND	97.7	0-210			
2-Chloroethyl vinyl ether	ND	10.0	ug/L	100	ND		0-305			
Acrolein	111	10.0	ug/L	200	ND	55.7	40-160			

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 Tel: 936 653 3249



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EPA 624.1 - Quality Control
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5G6334 - EPA 5030C

Prepared: 07/15/25 09:54

Matrix Spike (B5G6334-MS1)		Source: 5261481-02		Analyzed: 7/16/2025 11:35:00AM						
Acrylonitrile	14.0	50.0	ug/L	20.0	ND	69.8	40-160			
Benzene	20.8	10.0	ug/L	20.0	ND	104	37-151			
Bromodichloromethane	20.3	10.0	ug/L	20.0	ND	101	35-155			
Bromoform	16.5	10.0	ug/L	20.0	ND	82.4	45-169			
Carbon Tetrachloride	20.3	2.00	ug/L	20.0	ND	101	70-140			
Methyl-tert-Butyl Ether	15.9	1.00	ug/L	20.0	ND	79.3	60-140			
Chlorobenzene	18.2	10.0	ug/L	20.0	ND	91.0	37-160			
Chloroethane	45.3	50.0	ug/L	20.0	ND	227	14-230			
Chloroform	19.9	10.0	ug/L	20.0	ND	99.6	51-138			
Dibromochloromethane (Chlorodibromomethane)	18.1	10.0	ug/L	20.0	ND	90.5	53-149			
Cis-1,3-Dichloropropene	18.8	10.0	ug/L	20.0	ND	93.9	0-227			
Ethylbenzene	20.2	10.0	ug/L	20.0	ND	101	37-162			
Methyl Bromide	23.1	50.0	ug/L	20.0	ND	115	70-130			
Methyl Chloride	19.6	50.0	ug/L	20.0	ND	97.9	0-221			
Methyl Ethyl Ketone	71.5	50.0	ug/L	100	ND	71.5	70-130			
Toluene	19.6	10.0	ug/L	20.0	ND	98.1	47-150			
trans-1,2-Dichloroethene	18.6	10.0	ug/L	20.0	ND	93.0	54-156			
Trans-1,3-Dichloropropene	17.9	10.0	ug/L	20.0	ND	89.5	17-183			
1,2-Dichlorobenzene (o-Dichlorobenzene)	15.0	1.00	ug/L	20.0	ND	74.9	18-190			
Trichloroethene	18.4	10.0	ug/L	20.0	ND	91.9	70-157			
1,3-Dichlorobenzene	16.7	1.00	ug/L	20.0	ND	83.7	59-156			
1,4-Dichlorobenzene	15.8	1.00	ug/L	20.0	ND	79.1	18-190			
Cis-1,2-Dichloroethene	16.9	10.0	ug/L	20.0	ND	84.3	63-137			
Vinyl Chloride	21.6	10.0	ug/L	20.0	ND	108	0-151			
Methylene Chloride (Dichloromethane)	17.9	10.0	ug/L	20.0	ND	89.6	0-221			
Tetrachloroethene (Tetrachloroethylene)	16.0	10.0	ug/L	20.0	ND	80.0	64-148			
Acetone	65.1	10.0	ug/L	100	ND	65.1	70-130			23
Surrogate: 1,2-Dichloroethane-d4	16.7		ug/L	20.0		83.5	60-140			
Surrogate: 4-Bromofluorobenzene	17.7		ug/L	20.0		88.3	60-140			
Surrogate: Dibromofluoromethane	16.9		ug/L	20.0		84.6	60-140			
Surrogate: Toluene-d8	18.8		ug/L	20.0		94.2	60-140			
Surrogate: 1,2-Dichloroethane-d4	16.7		ug/L	20.0		83.5	60-140			
Surrogate: 4-Bromofluorobenzene	17.7		ug/L	20.0		88.3	60-140			
Surrogate: Dibromofluoromethane	16.9		ug/L	20.0		84.6	60-140			
Surrogate: Toluene-d8	18.8		ug/L	20.0		94.2	60-140			

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EPA 624.1 - Quality Control
Eastex Environmental Laboratory - Coldspring

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B5G6334 - EPA 5030C										
Prepared: 07/15/25 09:54										
Matrix Spike Dup (B5G6334-MSD1)										
Source: 5261481-02										
Analyzed: 7/16/2025 11:35:00AM										
1,1,1-Trichloroethane	16.8	10.0	ug/L	20.0	ND	84.0	52-162	4.03	36	
1,1,2,2-Tetrachloroethane	15.6	10.0	ug/L	20.0	ND	78.1	46-157	1.73	61	
1,1,2-Trichloroethane	16.2	10.0	ug/L	20.0	ND	81.1	52-150	1.79	45	
1,1-Dichloroethane	19.7	10.0	ug/L	20.0	ND	98.4	59-155	3.69	40	
1,1-Dichloroethene	17.8	10.0	ug/L	20.0	ND	89.1	0-234	11.2	32	
1,2-Dibromoethane	15.3	10.0	ug/L	20.0	ND	76.4	70-130	8.03	25	
1,2-Dichloroethane	16.8	10.0	ug/L	20.0	ND	84.2	49-155	7.96	49	
1,2-Dichloropropane	18.4	10.0	ug/L	20.0	ND	92.2	0-210	5.82	55	
2-Chloroethyl vinyl ether	ND	10.0	ug/L	100	ND		0-305		71	
Acrolein	158	10.0	ug/L	200	ND	79.1	40-160	34.6	60	
Acrylonitrile	13.4	50.0	ug/L	20.0	ND	66.9	40-160	4.25	60	
Benzene	19.8	10.0	ug/L	20.0	ND	98.9	37-151	4.87	61	
Bromodichloromethane	19.0	10.0	ug/L	20.0	ND	94.8	35-155	6.79	56	
Bromoform	15.5	10.0	ug/L	20.0	ND	77.6	45-169	6.02	42	
Carbon Tetrachloride	19.7	2.00	ug/L	20.0	ND	98.6	70-140	2.78	41	
Methyl-tert-Butyl Ether	15.1	1.00	ug/L	20.0	ND	75.5	60-140	4.88	25	
Chlorobenzene	17.4	10.0	ug/L	20.0	ND	87.2	37-160	4.25	53	
Chloroethane	47.3	50.0	ug/L	20.0	ND	237	14-230	4.37	78	
Chloroform	18.7	10.0	ug/L	20.0	ND	93.3	51-138	6.52	54	
Dibromochloromethane (Chlorodibromomethane)	17.5	10.0	ug/L	20.0	ND	87.7	53-149	3.10	50	
Cis-1,3-Dichloropropene	17.3	10.0	ug/L	20.0	ND	86.6	0-227	8.02	58	
Ethylbenzene	19.4	10.0	ug/L	20.0	ND	97.0	37-162	3.96	63	
Methyl Bromide	21.8	50.0	ug/L	20.0	ND	109	70-130	5.80	25	
Methyl Chloride	20.4	50.0	ug/L	20.0	ND	102	0-221	3.86	25	
Methyl Ethyl Ketone	65.6	50.0	ug/L	100	ND	65.6	70-130	8.60	25	
Toluene	18.9	10.0	ug/L	20.0	ND	94.6	47-150	3.65	41	
trans-1,2-Dichloroethene	18.8	10.0	ug/L	20.0	ND	94.1	54-156	1.21	45	
Trans-1,3-Dichloropropene	17.4	10.0	ug/L	20.0	ND	86.8	17-183	3.06	86	
1,2-Dichlorobenzene (o-Dichlorobenzene)	15.2	1.00	ug/L	20.0	ND	75.8	18-190	1.17	57	
Trichloroethene	16.9	10.0	ug/L	20.0	ND	84.7	70-157	8.18	48	
1,3-Dichlorobenzene	16.6	1.00	ug/L	20.0	ND	83.2	59-156	0.570	43	
1,4-Dichlorobenzene	15.7	1.00	ug/L	20.0	ND	78.3	18-190	0.954	57	
Cis-1,2-Dichloroethene	17.5	10.0	ug/L	20.0	ND	87.7	63-137	3.94	25	
Vinyl Chloride	21.8	10.0	ug/L	20.0	ND	109	0-151	0.968	66	
Methylene Chloride (Dichloromethane)	17.0	10.0	ug/L	20.0	ND	84.9	0-221	5.39	28	
Tetrachloroethene (Tetrachloroethylene)	15.8	10.0	ug/L	20.0	ND	78.8	64-148	1.48	39	

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 Website: eastexlabs.com
 Email: eastexlab@eastex.net
 Tel: 936 653 3249



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 Houston TEXAS, 77058

EPA 624.1 - Quality Control
Eastex Environmental Laboratory - Coldspring

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5G6334 - EPA 5030C

Prepared: 07/15/25 09:54

Matrix Spike Dup (B5G6334-MSD1)

Source: 5261481-02

Analyzed: 7/16/2025 11:35:00AM

Acetone	58.9	10.0	ug/L	100	ND	58.9	70-130	10.0	25	
Surrogate: 1,2-Dichloroethane-d4	16.7		ug/L	20.0		83.5	60-140			
Surrogate: 4-Bromofluorobenzene	17.6		ug/L	20.0		88.1	60-140			
Surrogate: Dibromofluoromethane	17.1		ug/L	20.0		85.6	60-140			
Surrogate: Toluene-d8	19.1		ug/L	20.0		95.5	60-140			
Surrogate: 1,2-Dichloroethane-d4	16.7		ug/L	20.0		83.5	60-140			
Surrogate: 4-Bromofluorobenzene	17.6		ug/L	20.0		88.1	60-140			
Surrogate: Dibromofluoromethane	17.1		ug/L	20.0		85.6	60-140			
Surrogate: Toluene-d8	19.1		ug/L	20.0		95.5	60-140			

Batch B5G6388 - No Prep

Prepared: 07/15/25 17:33

Blank (B5G6388-BLK1)

Analyzed: 7/15/2025 5:33:00PM

Chloride	ND	5.0	mg/L							
Nitrate as N	ND	0.05	mg/L							
Sulfate	ND	4.0	mg/L							

LCS (B5G6388-BS1)

Analyzed: 7/15/2025 5:33:00PM

Chloride	23.0		mg/L	25.0		92.0	90-110			
Nitrate as N	1.4521		mg/L	1.50		96.8	90-110			
Sulfate	18.3		mg/L	20.0		91.4	90-110			

Matrix Spike (B5G6388-MS1)

Source: 5261481-02

Analyzed: 7/15/2025 5:33:00PM

Chloride	166	5.0	mg/L	125	63.2	82.6	80-120			
Nitrate as N	14.3155	0.05	mg/L	7.50	7.5958	89.6	80-120			
Sulfate	125	4.0	mg/L	100	42.5	82.1	80-120			

Matrix Spike Dup (B5G6388-MSD1)

Source: 5261481-02

Analyzed: 7/15/2025 5:33:00PM

Chloride	167	5.0	mg/L	125	63.2	83.5	80-120	0.608	20	
Nitrate as N	14.3722	0.05	mg/L	7.50	7.5958	90.4	80-120	0.395	20	
Sulfate	125	4.0	mg/L	100	42.5	82.6	80-120	0.372	20	

Batch B5G6389 - No Prep

Prepared: 07/15/25 17:38

Blank (B5G6389-BLK1)

Analyzed: 7/15/2025 5:38:00PM

Fluoride	ND	100	ug/L							
Nitrate as N	ND	50.0	ug/L							

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Tel: 936 653 3249



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EPA 300.0 - Quality Control
Eastex Environmental Laboratory - Coldspring

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B5G6389 - No Prep Prepared: 07/15/25 17:38										
LCS (B5G6389-BS1)				Analyzed: 7/15/2025 5:38:00PM						
Fluoride	0.489		mg/L	0.500		97.8	90-110			
Nitrate as N	1.4415		mg/L	1.50		96.1	90-110			
Matrix Spike (B5G6389-MS1)				Source: 5290720-01		Analyzed: 7/15/2025 5:38:00PM				
Fluoride	2280	100	ug/L	2500	132	86.0	80-120			
Nitrate as N	39560.7	50.0	ug/L	7500	29939.6	128	80-120			23
Matrix Spike Dup (B5G6389-MSD1)				Source: 5290720-01		Analyzed: 7/15/2025 5:38:00PM				
Fluoride	2160	100	ug/L	2500	132	81.1	80-120	5.53	20	
Nitrate as N	39385.8	50.0	ug/L	7500	29939.6	126	80-120	0.443	20	
Batch B5G6408 - No Prep Prepared: 07/16/25 08:08										
Blank (B5G6408-BLK1)				Analyzed: 7/16/2025 10:42:00AM						
Cyanide	ND	5.00	ug/L							
LCS (B5G6408-BS1)				Analyzed: 7/16/2025 10:42:00AM						
Cyanide	38.3		ug/L	40.0		95.9	90-110			
Matrix Spike (B5G6408-MS1)				Source: 5261481-02		Analyzed: 7/16/2025 10:42:00AM				
Cyanide	44.4	5.00	ug/L	40.0	2.59	104	90-110			
Matrix Spike Dup (B5G6408-MSD1)				Source: 5261481-02		Analyzed: 7/16/2025 10:42:00AM				
Cyanide	36.0	5.00	ug/L	40.0	2.59	83.5	90-110	20.8	20	53
Batch B5G6526 - EPA 200.8 Prepared: 07/16/25 10:33										
Blank (B5G6526-BLK1)				Analyzed: 7/17/2025 11:47:00AM						
Aluminum - Total	ND	2.00	ug/L							
Antimony - Total	ND	2.00	ug/L							
Arsenic, Total	ND	0.500	ug/L							
Barium, Total	ND	1.00	ug/L							
Beryllium, Total	ND	0.500	ug/L							
Cadmium, Total	ND	1.00	ug/L							
Chromium, Total	ND	1.00	ug/L							
Lead, Total	ND	0.500	ug/L							
Nickel, Total	ND	2.00	ug/L							
Selenium, Total	ND	2.00	ug/L							
Silver, Total	ND	0.500	ug/L							

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 Tel: 936 653 3249



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EPA 200.8 - Quality Control
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B5G6526 - EPA 200.8										
Prepared: 07/16/25 10:33										
Blank (B5G6526-BLK1)										
Analyzed: 7/17/2025 11:47:00AM										
Thallium, Total	ND	0.500	ug/L							
LCS (B5G6526-BS1)										
Analyzed: 7/17/2025 11:50:00AM										
Aluminum - Total	95.1	2.00	ug/L	100		95.1	85-115			
Antimony - Total	98.6	2.00	ug/L	100		98.6	85-115			
Arsenic, Total	96.2	0.500	ug/L	100		96.2	85-115			
Barium, Total	93.7	1.00	ug/L	100		93.7	85-115			
Beryllium, Total	90.6	0.500	ug/L	100		90.6	85-115			
Cadmium, Total	95.9	1.00	ug/L	100		95.9	85-115			
Chromium, Total	96.1	1.00	ug/L	100		96.1	85-115			
Lead, Total	92.3	0.500	ug/L	100		92.3	85-115			
Nickel, Total	97.6	2.00	ug/L	100		97.6	85-115			
Selenium, Total	96.2	2.00	ug/L	100		96.2	85-115			
Silver, Total	98.4	0.500	ug/L	100		98.4	85-115			
Thallium, Total	93.0	0.500	ug/L	100		93.0	85-115			
Matrix Spike (B5G6526-MS1)										
Source: 5290267-01										
Analyzed: 7/17/2025 11:59:00AM										
Aluminum - Total	139	2.00	ug/L	100	24.9	114	70-130			
Antimony - Total	100	2.00	ug/L	100	ND	100	70-130			
Arsenic, Total	98.4	0.500	ug/L	100	1.16	97.3	70-130			
Barium, Total	194	1.00	ug/L	100	100	94.2	70-130			
Beryllium, Total	92.8	0.500	ug/L	100	ND	92.8	70-130			
Cadmium, Total	96.5	1.00	ug/L	100	ND	96.5	70-130			
Chromium, Total	96.9	1.00	ug/L	100	0.386	96.5	70-130			
Lead, Total	95.2	0.500	ug/L	100	0.119	95.1	70-130			
Nickel, Total	97.9	2.00	ug/L	100	ND	97.9	70-130			
Selenium, Total	95.4	2.00	ug/L	100	0.562	94.9	70-130			
Silver, Total	97.9	0.500	ug/L	100	ND	97.9	70-130			
Thallium, Total	95.4	0.500	ug/L	100	0.0620	95.3	70-130			
Matrix Spike Dup (B5G6526-MSD1)										
Source: 5290267-01										
Analyzed: 7/17/2025 12:02:00PM										
Aluminum - Total	141	2.00	ug/L	100	24.9	116	70-130	1.32	20	
Antimony - Total	99.1	2.00	ug/L	100	ND	99.1	70-130	1.28	20	
Arsenic, Total	101	0.500	ug/L	100	1.16	99.8	70-130	2.52	20	
Barium, Total	194	1.00	ug/L	100	100	94.4	70-130	0.0833	20	
Beryllium, Total	96.3	0.500	ug/L	100	ND	96.3	70-130	3.65	20	
Cadmium, Total	96.8	1.00	ug/L	100	ND	96.8	70-130	0.215	20	

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 Website: eastexlabs.com
 Email: eastexlab@eastex.net
 Tel: 936 653 3249



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 Houston TEXAS, 77058

EPA 200.8 - Quality Control
Eastex Environmental Laboratory - Coldspring

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B5G6526 - EPA 200.8 Prepared: 07/16/25 10:33										
Matrix Spike Dup (B5G6526-MSD1) Source: 5290267-01 Analyzed: 7/17/2025 12:02:00PM										
Chromium, Total	98.1	1.00	ug/L	100	0.386	97.7	70-130	1.22	20	
Lead, Total	97.1	0.500	ug/L	100	0.119	97.0	70-130	1.94	20	
Nickel, Total	99.3	2.00	ug/L	100	ND	99.3	70-130	1.47	20	
Selenium, Total	94.7	2.00	ug/L	100	0.562	94.1	70-130	0.791	20	
Silver, Total	98.0	0.500	ug/L	100	ND	98.0	70-130	0.0715	20	
Thallium, Total	97.1	0.500	ug/L	100	0.0620	97.1	70-130	1.81	20	
Batch B5G6571 - EPA 200.7 Prepared: 07/16/25 12:32										
Blank (B5G6571-BLK1) Analyzed: 7/17/2025 10:57:20AM										
Total Phosphorus	ND	0.0600	mg/L							
LCS (B5G6571-BS1) Analyzed: 7/17/2025 10:58:57AM										
Total Phosphorus	2.61	0.0600	mg/L	2.52		104	85-115			
Matrix Spike (B5G6571-MS1) Source: 5282521-01 Analyzed: 7/17/2025 11:03:45AM										
Total Phosphorus	3.71	0.0600	mg/L	2.52	0.756	117	70-130			
Matrix Spike Dup (B5G6571-MSD1) Source: 5282521-01 Analyzed: 7/17/2025 11:05:21AM										
Total Phosphorus	3.38	0.0600	mg/L	2.52	0.756	104	70-130	9.20	20	
Batch B5G6608 - SM 4500 Norg C Prepared: 07/17/25 10:40										
Blank (B5G6608-BLK1) Analyzed: 7/18/2025 10:11:00AM										
TKN	ND	1.0	mg/L							
LCS (B5G6608-BS1) Analyzed: 7/18/2025 10:11:00AM										
TKN	10.2		mg/L	10.0		102	90-110			
Matrix Spike (B5G6608-MS1) Source: 5282132-01 Analyzed: 7/18/2025 10:11:00AM										
TKN	10.5	1.0	mg/L	10.0	2.15	83.2	80-120			
Matrix Spike Dup (B5G6608-MSD1) Source: 5282132-01 Analyzed: 7/18/2025 10:11:00AM										
TKN	10.6	1.0	mg/L	10.0	2.15	84.4	80-120	1.22	20	
Batch B5G6751 - No Prep Prepared: 07/17/25 11:21										
Blank (B5G6751-BLK1) Analyzed: 7/17/2025 11:21:00AM										
Conductivity	ND	10.0	µmhos/cm @25C							

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 Website: eastexlabs.com
 Email: eastexlab@eastex.net
 Tel: 936 653 3249



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SM 2510 B - Quality Control
Eastex Environmental Laboratory - Coldspring

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B5G6751 - No Prep		Prepared: 07/17/25 11:21								
LCS (B5G6751-BS1)		Analyzed: 7/17/2025 11:21:00AM								
Conductivity	993		µmhos/cm @25C	1000		99.3	80-120			
Duplicate (B5G6751-DUP1)		Source: 5261481-02		Analyzed: 7/17/2025 11:21:00AM						
Conductivity	565	10.0	µmhos/cm @25C		565			0.00	20	
Batch B5G7108 - No Prep		Prepared: 07/21/25 10:54								
Blank (B5G7108-BLK1)		Analyzed: 7/21/2025 10:54:00AM								
Oil Grease, HEM	ND	5.0	mg/L							
LCS (B5G7108-BS1)		Analyzed: 7/21/2025 10:54:00AM								
Oil Grease, HEM	40.2	5.0	mg/L	40.0		100	78-114			
LCS Dup (B5G7108-BSD1)		Analyzed: 7/21/2025 10:54:00AM								
Oil Grease, HEM	40.2	5.0	mg/L	40.0		100	78-114	0.00	18	
Matrix Spike (B5G7108-MS1)		Source: 5300654-01		Analyzed: 7/21/2025 10:54:00AM						
Oil Grease, HEM	41.1	5.1	mg/L	40.0	ND	103	78-114			
Batch B5G7130 - No Prep		Prepared: 07/22/25 10:28								
Blank (B5G7130-BLK1)		Analyzed: 7/22/2025 10:28:00AM								
Alkalinity	ND	20.0	mg CaCO3/L							
LCS (B5G7130-BS1)		Analyzed: 7/22/2025 10:28:00AM								
Alkalinity	46.0		mg CaCO3/L	50.0		92.0	80-120			
Duplicate (B5G7130-DUP1)		Source: 5261481-02		Analyzed: 7/22/2025 10:28:00AM						
Alkalinity	76.0	20.0	mg CaCO3/L		76.0			0.00	20	
Batch B5G7269 - No Prep		Prepared: 07/22/25 10:04								
Blank (B5G7269-BLK1)		Analyzed: 7/22/2025 10:04:00AM								
TDS	ND	10.0	mg/L							
LCS (B5G7269-BS1)		Analyzed: 7/22/2025 10:04:00AM								
TDS	340		mg/L	300		113	80-120			
Duplicate (B5G7269-DUP1)		Source: 5261481-02		Analyzed: 7/22/2025 10:04:00AM						

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 Email: eastexlab@eastex.net
 Tel: 936 653 3249



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SM 2540 C - Quality Control
Eastex Environmental Laboratory - Coldspring

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B5G7269 - No Prep Prepared: 07/22/25 10:04										
Duplicate (B5G7269-DUP1) Source: 5261481-02 Analyzed: 7/22/2025 10:04:00AM										
TDS	300	10.0	mg/L		310			3.28	10	
Batch B5G7790 - No Prep Prepared: 07/25/25 12:36										
Blank (B5G7790-BLK1) Analyzed: 7/25/2025 12:36:00PM										
Phenol, low level	12.0	10.0	ppb							B
LCS (B5G7790-BS1) Analyzed: 7/25/2025 12:36:00PM										
Phenol, low level	47.2		ppb	50.0		94.4	80-120			B
Matrix Spike (B5G7790-MS1) Source: 5291244-02 Analyzed: 7/25/2025 12:36:00PM										
Phenol, low level	ND	10.0	ppb	40.0	ND		80-120			23, B
Matrix Spike Dup (B5G7790-MSD1) Source: 5291244-02 Analyzed: 7/25/2025 12:36:00PM										
Phenol, low level	ND	10.0	ppb	40.0	ND		80-120	20		B
Batch B5G8153 - No Prep Prepared: 07/23/25 10:20										
Blank (B5G8153-BLK1) Analyzed: 7/23/2025 10:20:00AM										
Chromium, (VI)	ND	3	ug/L							
LCS (B5G8153-BS1) Analyzed: 7/23/2025 10:20:00AM										
Chromium, (VI)	19.95		ug/L	20.0		99.8	90-110			
Matrix Spike (B5G8153-MS1) Source: 5261481-01 Analyzed: 7/23/2025 10:20:00AM										
Chromium, (VI)	42.35	3	ug/L	44.6	ND	95.0	80-120			
Matrix Spike Dup (B5G8153-MSD1) Source: 5261481-01 Analyzed: 7/23/2025 10:20:00AM										
Chromium, (VI)	44.59	3	ug/L	44.6	ND	100	80-120	5.15	20	



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Website: eastexlabs.com
Email: eastexlab@eastex.net
Tel: 936 653 3249



Clear Lake City WWTP
14210 Middlebrook Drive
Houston TEXAS, 77058

Notes and Definitions

B	Analyte detected in Method Blank.
53	RPD Recovery outside acceptance limits due to matrix interference.
23	Spike recovery outside of acceptance limits due to matrix interference.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Daniel Bowen
Eastex Environmental Laboratory Inc.
PO BOX 1089
Coldspring, Texas 77331

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JOB DESCRIPTION

Clear Lake Long PR Composite
PO 071725C

JOB NUMBER

860-106291-1

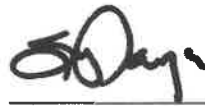
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Job Notes

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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



Authorized for release by
Sylvia Garza, Project Manager
Sylvia.Garza@et.eurofinsus.com
(832)544-2004

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Revision 2

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Definitions/Glossary

Client: Eastex Environmental Laboratory Inc.
Project/Site: Clear Lake Long PR Composite

Job ID: 860-106291-1
SDG: PO 071725C

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
I	Value is EMPC (estimated maximum possible concentration).
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*1	LCS/LCSD 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.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

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
DLG	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

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Definitions/Glossary

Client: Eastex Environmental Laboratory Inc.
Project/Site: Clear Lake Long PR Composite

Job ID: 860-106291-1
SDG: PO 071725C

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

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Case Narrative

Client: Eastex Environmental Laboratory Inc.
Project: Clear Lake Long PR Composite

Job ID: 860-106291-1

Job ID: 860-106291-1

Eurofins Houston

Job Narrative 860-106291-1

REVISION

The report being provided is a revision of the original report sent on 8/6/2025. The report (revision 2) is being revised due to reporting Bisphenol A per client request.

Report revision history

Revision 1 - 9/2/2025 - Reason - updated sample ID for -2, LLHg Blank.

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 7/17/2025 9:29 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 2.2°C.

Receipt Exceptions

Container A-1 for the following sample was received broken in Denver: Clear Lake Long PR Composite (860-106291-1).

GC/MS Semi VOA

Method 625.1_QQQ: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 860-249857 and analytical batch 860-250267 recovered outside control limits for the following analytes: Benzo[g,h,i]perylene.

Method 625.1_QQQ: The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 860-249857 and analytical batch 860-250267 recovered outside control limits for the following analytes: Ethyl Parathion. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 625.1_QQQ: The laboratory control sample duplicate (LCSD) for preparation batch 860-249857 and analytical batch 860-250267 recovered outside control limits for the following analytes: Disulfoton and Methyl parathion. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 625.1_QQQ: The following analytes have been identified, in the reference method and/or via historical data, to be poor and erratic performers: Hexachlorophene.

Method 625.1_QQQ: The continuing calibration verification (CCV) associated with batch 860-250267 recovered above the upper control limit for Ethyl Parathion. The associated sample is:(CCV 860-250267/4).

Method 625.1_QQQ: The continuing calibration verification (CCV) associated with batch 860-253286 recovered above the upper control limit for Nitrobenzene-d5 (Surr). The associated sample is:(CCVIS 860-253286/2).

Method D7065_11: The following samples Clear Lake Long PR Composite (860-106291-1) in preparation batch 280-705671 were decanted prior to preparation.

Method D7065_11: The reference method requires samples to be preserved to a pH of 1-2. The following samples Clear Lake Long PR Composite (860-106291-1) in preparation batch 280-705671 were received with insufficient preservation at a pH of 5-7. The samples were preserved to the appropriate pH in the laboratory.

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Case Narrative

Client: Eastex Environmental Laboratory Inc.
Project: Clear Lake Long PR Composite

Job ID: 860-106291-1

Job ID: 860-106291-1 (Continued)

Eurofins Houston

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

GC Semi VOA

Method 615_MOD: The continuing calibration verification (CCV) associated with batch 860-251505 recovered above the upper control limit for 2,4-Dichlorophenylacetic acid (Surr). The associated sample is: (CCVIS 860-251505/20).

(CCVIS 860-251505/20)

Method 615_MOD: The continuing calibration verification (CCV) associated with batch 860-252224 recovered above the upper control limit for Dichlorprop. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is: (CCVIS 860-252224/29).

Method 615_MOD: The continuing calibration verification (CCV) associated with batch 860-252224 recovered above the upper control limit for 2,4-Dichlorophenylacetic acid(sur).. The associated sample is: (CCVIS 860-252224/29).

(CCVIS 860-252224/29)

Method 615_MOD: The continuing calibration verification (CCV) associated with 860-252224 recovered outside the control limits for Hexachlorophene on one column. Results are confirmed on both columns and reported from the passing column. The associated sample is: (CCV 860-252224/3).

Method 615_MOD: The following sample was re-prepared outside of preparation holding time due to initial extraction LCS/LCSD recovery out of the control limits (low biased): Clear Lake Long PR Composite (860-106291-1).

Method 615_MOD: The laboratory control sample (LCS) for preparation batch 860-251671 and analytical batch 860-252224 recovered outside control limits for the following analytes: Hexachlorophene. The associated sample(s) was re-prepared and/or re-analyzed outside holding time.

Method 615_MOD: The laboratory control sample (LCS) for preparation batch 860-249858 and analytical batch 860-251505 recovered outside control limits for the following analytes: Hexachlorophene. The associated sample(s) was re-prepared and/or re-analyzed outside holding time.

Method 615_MOD: The continuing calibration verification (CCV) associated with batch 860-251505 recovered above the upper control limit for 2,4-D, Silvex (2,4,5-TP), 2,4,5-T, Dalapon, Dicamba, Dichlorprop, MCPA, MCPP, Pentachlorophenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is: (CCVIS 860-251505/20).

Method 615_MOD: The laboratory control sample and/or the laboratory control sample duplicate (LCS/LCSD) for preparation batch 860-249858 and analytical batch 860-251505 recovered outside control limits for the following analyte(s): Dinoseb. Dinoseb has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method 615_MOD: The laboratory control sample (LCS) for preparation batch 860-249858 and analytical batch 860-251505 recovered outside control limits for the following analytes: MCPA, MCPP. The associated sample(s) was re-prepared and/or re-analyzed outside holding time.

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

Pesticides/PCBs

Method 608.3: The continuing calibration verification (CCV) associated with batch 860-249555 recovered above the upper control limit for Mirex. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is: (CCV 860-249555/5).

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.

Metals

Eurofins Houston

Client: Eastex Environmental Laboratory Inc.
Project: Clear Lake Long PR Composite

Case Narrative

Job ID: 860-106291-1

Job ID: 860-106291-1 (Continued)

Eurofins Houston

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

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Eurofins Houston

Detection Summary

Client: Eastex Environmental Laboratory Inc.
Project/Site: Clear Lake Long PR Composite

Job ID: 860-106291-1
SDG: PO 071725C

Client Sample ID: Clear Lake Long PR Composite

Lab Sample ID: 860-106291-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Polychlorinated biphenyls, Total	NC		0.000501	0.000251	mg/L	1			608.3	Total/NA
Mercury	0.00446		0.000500	0.000200	ug/L	1			1631E	Total/NA

Client Sample ID: Clear Lake Long PR Composite LL Hg Blank

Lab Sample ID: 860-106291-2

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Client Sample Results

Client: Eastex Environmental Laboratory Inc.
Project/Site: Clear Lake Long PR Composite

Job ID: 860-106291-1
SDG: PO 071725C

Client Sample ID: Clear Lake Long PR Composite

Lab Sample ID: 860-106291-1

Date Collected: 07/15/25 08:30

Matrix: Water

Date Received: 07/17/25 09:29

Method: EPA 625.1 - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.101	U	0.571	0.101	ug/L		07/20/25 21:02	07/24/25 22:28	1
Guthion	<0.314	U	0.571	0.314	ug/L		07/20/25 21:02	07/24/25 22:28	1
Acenaphthylene	<0.125	U	0.571	0.125	ug/L		07/20/25 21:02	07/24/25 22:28	1
Diazinon	<0.146	U	0.286	0.146	ug/L		07/20/25 21:02	07/24/25 22:28	1
Anthracene	<0.104	U	0.571	0.104	ug/L		07/20/25 21:02	07/24/25 22:28	1
Demeton, Total	<0.0690	U	0.0857	0.0690	ug/L		07/20/25 21:02	07/24/25 22:28	1
Azobenzene	<0.524	U	1.14	0.524	ug/L		07/20/25 21:02	07/24/25 22:28	1
Benzdine	<0.541	U	2.86	0.541	ug/L		07/20/25 21:02	07/24/25 22:28	1
Benzo[a]anthracene	<0.127	U	0.286	0.127	ug/L		07/20/25 21:02	07/24/25 22:28	1
Disulfoton	<2.15	U *	2.86	2.15	ug/L		07/20/25 21:02	07/24/25 22:28	1
Benzo[a]pyrene	<0.107	U	0.286	0.107	ug/L		07/20/25 21:02	07/24/25 22:28	1
Malathion	<0.0571	U	0.0571	0.0571	ug/L		07/20/25 21:02	07/24/25 22:28	1
Benzo[b]fluoranthene	<0.124	U	0.571	0.124	ug/L		07/20/25 21:02	07/24/25 22:28	1
Methyl parathion	<2.76	U *	2.86	2.76	ug/L		07/20/25 21:02	07/24/25 22:28	1
Benzo[g,h,i]perylene	<0.0903	U *1	0.571	0.0903	ug/L		07/20/25 21:02	07/24/25 22:28	1
Ethyl Parathion	<0.625	U *	1.14	0.625	ug/L		07/20/25 21:02	07/24/25 22:28	1
Benzo[k]fluoranthene	<0.123	U	0.571	0.123	ug/L		07/20/25 21:02	07/24/25 22:28	1
Bis(2-chloroethoxy)methane	<0.107	U	0.571	0.107	ug/L		07/20/25 21:02	07/24/25 22:28	1
Bis(2-chloroethyl)ether	<0.107	U	0.571	0.107	ug/L		07/20/25 21:02	07/24/25 22:28	1
Bis(2-ethylhexyl) phthalate	<0.571	U	1.14	0.571	ug/L		07/20/25 21:02	07/24/25 22:28	1
4-Bromophenyl phenyl ether	<0.105	U	0.571	0.105	ug/L		07/20/25 21:02	07/24/25 22:28	1
Butyl benzyl phthalate	<0.336	U	1.14	0.336	ug/L		07/20/25 21:02	07/24/25 22:28	1
4-Chloro-3-methylphenol	<0.119	U	0.571	0.119	ug/L		07/20/25 21:02	07/24/25 22:28	1
2-Chloronaphthalene	<0.118	U	0.571	0.118	ug/L		07/20/25 21:02	07/24/25 22:28	1
2-Chlorophenol	<0.103	U	0.571	0.103	ug/L		07/20/25 21:02	07/24/25 22:28	1
4-Chlorophenyl phenyl ether	<0.0954	U	0.571	0.0954	ug/L		07/20/25 21:02	07/24/25 22:28	1
Chlorpyrifos	<0.179	U	0.286	0.179	ug/L		07/20/25 21:02	07/24/25 22:28	1
Chrysene	<0.0965	U	0.571	0.0965	ug/L		07/20/25 21:02	07/24/25 22:28	1
Demeton, Total	<0.0690	U	0.0857	0.0690	ug/L		07/20/25 21:02	07/24/25 22:28	1
Diazinon	<0.146	U	0.286	0.146	ug/L		07/20/25 21:02	07/24/25 22:28	1
Dibenz(a,h)anthracene	<0.0851	U	0.114	0.0851	ug/L		07/20/25 21:02	07/24/25 22:28	1
1,2-Dichlorobenzene	<0.101	U	0.571	0.101	ug/L		07/20/25 21:02	07/24/25 22:28	1
1,3-Dichlorobenzene	<0.108	U	0.571	0.108	ug/L		07/20/25 21:02	07/24/25 22:28	1
1,4-Dichlorobenzene	<0.110	U	0.571	0.110	ug/L		07/20/25 21:02	07/24/25 22:28	1
3,3'-Dichlorobenzidine	<0.650	U	1.14	0.650	ug/L		07/20/25 21:02	07/24/25 22:28	1
2,4-Dichlorophenol	<0.126	U	0.571	0.126	ug/L		07/20/25 21:02	07/24/25 22:28	1
Diethyl phthalate	<0.187	U	1.14	0.187	ug/L		07/20/25 21:02	07/24/25 22:28	1
2,4-Dimethylphenol	<0.112	U	0.571	0.112	ug/L		07/20/25 21:02	07/24/25 22:28	1
Dimethyl phthalate	<0.133	U	1.14	0.133	ug/L		07/20/25 21:02	07/24/25 22:28	1
Di-n-butyl phthalate	<0.660	U	1.14	0.660	ug/L		07/20/25 21:02	07/24/25 22:28	1
4,6-Dinitro-2-methylphenol	<1.23	U	2.86	1.23	ug/L		07/20/25 21:02	07/24/25 22:28	1
2,4-Dinitrophenol	<1.38	U	5.71	1.38	ug/L		07/20/25 21:02	07/24/25 22:28	1
2,4-Dinitrotoluene	<0.513	U	1.14	0.513	ug/L		07/20/25 21:02	07/24/25 22:28	1
2,6-Dinitrotoluene	<0.273	U	0.571	0.273	ug/L		07/20/25 21:02	07/24/25 22:28	1
Di-n-octyl phthalate	<0.286	U	1.14	0.286	ug/L		07/20/25 21:02	07/24/25 22:28	1
1,2-Diphenylhydrazine	<0.573	U	1.14	0.573	ug/L		07/20/25 21:02	07/24/25 22:28	1
Ethyl Parathion	<0.625	U *	1.14	0.625	ug/L		07/20/25 21:02	07/24/25 22:28	1
Fluoranthene	<0.120	U	0.571	0.120	ug/L		07/20/25 21:02	07/24/25 22:28	1
Fluorene	<0.113	U	0.571	0.113	ug/L		07/20/25 21:02	07/24/25 22:28	1

Eurofins Houston

Client Sample Results

Client: Eastex Environmental Laboratory Inc.
Project/Site: Clear Lake Long PR Composite

Job ID: 860-106291-1
SDG: PO 071725C

Client Sample ID: Clear Lake Long PR Composite

Lab Sample ID: 860-106291-1

Date Collected: 07/15/25 08:30

Matrix: Water

Date Received: 07/17/25 09:29

Method: EPA 625.1 - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Guthion	<0.314	U	0.571	0.314	ug/L		07/20/25 21:02	07/24/25 22:28	1
Hexachlorobenzene	<0.132	U	0.571	0.132	ug/L		07/20/25 21:02	07/24/25 22:28	1
Hexachlorobutadiene	<0.162	U	0.571	0.162	ug/L		07/20/25 21:02	07/24/25 22:28	1
Hexachlorocyclopentadiene	<0.179	U	1.14	0.179	ug/L		07/20/25 21:02	07/24/25 22:28	1
Hexachloroethane	<0.125	U	0.571	0.125	ug/L		07/20/25 21:02	07/24/25 22:28	1
Indeno[1,2,3-cd]pyrene	<0.103	U	0.571	0.103	ug/L		07/20/25 21:02	07/24/25 22:28	1
Isophorone	<0.106	U	0.571	0.106	ug/L		07/20/25 21:02	07/24/25 22:28	1
Malathion	<0.0571	U	0.0571	0.0571	ug/L		07/20/25 21:02	07/24/25 22:28	1
2-Methylphenol	<0.109	U	0.571	0.109	ug/L		07/20/25 21:02	07/24/25 22:28	1
m & p - Cresol	<0.0944	U	0.571	0.0944	ug/L		07/20/25 21:02	07/24/25 22:28	1
Naphthalene	<0.114	U	0.571	0.114	ug/L		07/20/25 21:02	07/24/25 22:28	1
Nitrobenzene	<0.152	U	0.571	0.152	ug/L		07/20/25 21:02	07/24/25 22:28	1
2-Nitrophenol	<0.137	U	0.571	0.137	ug/L		07/20/25 21:02	07/24/25 22:28	1
4-Nitrophenol	<0.671	U	1.14	0.671	ug/L		07/20/25 21:02	07/24/25 22:28	1
N-Nitrosodiethylamine	<0.673	U	1.14	0.673	ug/L		07/20/25 21:02	07/24/25 22:28	1
N-Nitrosodimethylamine	<0.159	U	0.571	0.159	ug/L		07/20/25 21:02	07/24/25 22:28	1
N-Nitrosodi-n-butylamine	<0.724	U	1.14	0.724	ug/L		07/20/25 21:02	07/24/25 22:28	1
N-Nitrosodi-n-propylamine	<0.147	U	0.571	0.147	ug/L		07/20/25 21:02	07/24/25 22:28	1
N-Nitrosodiphenylamine	<0.112	U	0.571	0.112	ug/L		07/20/25 21:02	07/24/25 22:28	1
2,2'-oxybis[1-chloropropane]	<1.85	U	2.86	1.85	ug/L		07/20/25 21:02	07/24/25 22:28	1
Pentachlorobenzene	<0.125	U	0.571	0.125	ug/L		07/20/25 21:02	07/24/25 22:28	1
Pentachlorophenol	<0.312	U	0.571	0.312	ug/L		07/20/25 21:02	07/24/25 22:28	1
Phenanthrene	<0.107	U	0.571	0.107	ug/L		07/20/25 21:02	07/24/25 22:28	1
Phenol	<0.506	U	1.14	0.506	ug/L		07/20/25 21:02	07/24/25 22:28	1
Pyrene	<0.129	U	0.571	0.129	ug/L		07/20/25 21:02	07/24/25 22:28	1
Pyridine	<0.837	U	2.86	0.837	ug/L		07/20/25 21:02	07/24/25 22:28	1
1,2,4,5-Tetrachlorobenzene	<0.115	U	0.571	0.115	ug/L		07/20/25 21:02	07/24/25 22:28	1
1,2,4-Trichlorobenzene	<0.121	U	0.571	0.121	ug/L		07/20/25 21:02	07/24/25 22:28	1
2,4,5-Trichlorophenol	<0.431	U	0.571	0.431	ug/L		07/20/25 21:02	07/24/25 22:28	1
2,4,6-Trichlorophenol	<0.117	U	0.571	0.117	ug/L		07/20/25 21:02	07/24/25 22:28	1
Methyl Phenols, Total	<0.0571	U	0.0571	0.0571	ug/L		07/20/25 21:02	07/24/25 22:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	68		43 - 130	07/20/25 21:02	07/24/25 22:28	1
2-Fluorophenol (Surr)	43		19 - 120	07/20/25 21:02	07/24/25 22:28	1
Nitrobenzene-d5 (Surr)	74		37 - 133	07/20/25 21:02	07/24/25 22:28	1
Phenol-d5 (Surr)	23		8 - 124	07/20/25 21:02	07/24/25 22:28	1
p-Terphenyl-d14 (Surr)	71		47 - 130	07/20/25 21:02	07/24/25 22:28	1
2,4,6-Tribromophenol (Surr)	82		35 - 130	07/20/25 21:02	07/24/25 22:28	1
2-Fluorobiphenyl	68		43 - 130	07/20/25 21:02	07/24/25 22:28	1
2-Fluorophenol (Surr)	43		19 - 120	07/20/25 21:02	07/24/25 22:28	1
Nitrobenzene-d5 (Surr)	74		37 - 133	07/20/25 21:02	07/24/25 22:28	1
Phenol-d5 (Surr)	23		8 - 124	07/20/25 21:02	07/24/25 22:28	1
p-Terphenyl-d14 (Surr)	71		47 - 130	07/20/25 21:02	07/24/25 22:28	1
2,4,6-Tribromophenol (Surr)	82		35 - 130	07/20/25 21:02	07/24/25 22:28	1

Method: EPA 625.1 - Semivolatile Organic Compounds (GC-MS/MS) - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorophene	<6.85	U	8.57	6.85	ug/L		07/20/25 21:02	08/05/25 16:58	1

Eurofins Houston

Client Sample Results

Client: Eastex Environmental Laboratory Inc.
Project/Site: Clear Lake Long PR Composite

Job ID: 860-106291-1
SDG: PO 071725C

Client Sample ID: Clear Lake Long PR Composite

Lab Sample ID: 860-106291-1

Date Collected: 07/15/25 08:30

Matrix: Water

Date Received: 07/17/25 09:29

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	57		43 - 130	07/20/25 21:02	08/05/25 16:58	1
2-Fluorophenol (Surr)	31		19 - 120	07/20/25 21:02	08/05/25 16:58	1
Nitrobenzene-d5 (Surr)	115		37 - 133	07/20/25 21:02	08/05/25 16:58	1
Phenol-d5 (Surr)	23		8 - 124	07/20/25 21:02	08/05/25 16:58	1
p-Terphenyl-d14 (Surr)	60		47 - 130	07/20/25 21:02	08/05/25 16:58	1
2,4,6-Tribromophenol (Surr)	94		35 - 130	07/20/25 21:02	08/05/25 16:58	1

Method: ASTM D7065-11 - Determination of Nonylphenols

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nonylphenol	<2500	U	5000	2500	ng/L		07/22/25 14:08	07/24/25 22:07	1
Bisphenol-A	<1000	U	2000	1000	ng/L		07/22/25 14:08	07/24/25 22:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-nonylphenol (Surr)	77		58 - 115	07/22/25 14:08	07/24/25 22:07	1

Method: EPA 608.3 - Organochlorine Pesticides/PCBs in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000522	U	0.000251	0.0000522	mg/L		07/18/25 08:48	07/18/25 14:49	1
4,4'-DDD	<0.0000179	U	0.0000501	0.0000179	mg/L		07/18/25 08:48	07/18/25 14:49	1
PCB-1221	<0.0000522	U	0.0000501	0.0000522	mg/L		07/18/25 08:48	07/18/25 14:49	1
4,4'-DDE	<0.0000161	U	0.0000501	0.0000161	mg/L		07/18/25 08:48	07/18/25 14:49	1
PCB-1232	<0.0000522	U	0.0000501	0.0000522	mg/L		07/18/25 08:48	07/18/25 14:49	1
4,4'-DDT	<0.0000180	U	0.0000501	0.0000180	mg/L		07/18/25 08:48	07/18/25 14:49	1
Aldrin	<0.0000159	U	0.0000501	0.0000159	mg/L		07/18/25 08:48	07/18/25 14:49	1
PCB-1242	<0.0000522	U	0.000251	0.0000522	mg/L		07/18/25 08:48	07/18/25 14:49	1
alpha-BHC	<0.0000159	U	0.0000501	0.0000159	mg/L		07/18/25 08:48	07/18/25 14:49	1
PCB-1248	<0.0000522	U	0.0000501	0.0000522	mg/L		07/18/25 08:48	07/18/25 14:49	1
cis-Chlordane	<0.0000188	U	0.0000501	0.0000188	mg/L		07/18/25 08:48	07/18/25 14:49	1
PCB-1254	<0.0000656	U	0.0000501	0.0000656	mg/L		07/18/25 08:48	07/18/25 14:49	1
PCB-1260	<0.0000656	U	0.000251	0.0000656	mg/L		07/18/25 08:48	07/18/25 14:49	1
beta-BHC	<0.0000172	U	0.0000501	0.0000172	mg/L		07/18/25 08:48	07/18/25 14:49	1
Polychlorinated biphenyls, Total	NC		0.0000501	0.000251	mg/L		07/18/25 08:48	07/18/25 14:49	1
Chlordane (technical)	<0.000196	U	0.00100	0.000196	mg/L		07/18/25 08:48	07/18/25 14:49	1
delta-BHC	<0.00000876	U	0.0000501	0.0000087	mg/L		07/18/25 08:48	07/18/25 14:49	1
Dicofol	<0.0000251	U	0.0000251	0.0000251	mg/L		07/18/25 08:48	07/18/25 14:49	1
Dieldrin	<0.0000173	U	0.0000501	0.0000173	mg/L		07/18/25 08:48	07/18/25 14:49	1
Endosulfan I	<0.0000186	U	0.0000501	0.0000186	mg/L		07/18/25 08:48	07/18/25 14:49	1
Endosulfan II	<0.0000177	U	0.0000501	0.0000177	mg/L		07/18/25 08:48	07/18/25 14:49	1
Endosulfan sulfate	<0.0000153	U	0.0000501	0.0000153	mg/L		07/18/25 08:48	07/18/25 14:49	1
Endrin	<0.0000166	U	0.0000501	0.0000166	mg/L		07/18/25 08:48	07/18/25 14:49	1
Endrin aldehyde	<0.0000167	U	0.0000501	0.0000167	mg/L		07/18/25 08:48	07/18/25 14:49	1
Endrin ketone	<0.0000171	U	0.0000501	0.0000171	mg/L		07/18/25 08:48	07/18/25 14:49	1
gamma-BHC (Lindane)	<0.0000170	U	0.0000501	0.0000170	mg/L		07/18/25 08:48	07/18/25 14:49	1
gamma-Chlordane	<0.0000189	U	0.0000501	0.0000189	mg/L		07/18/25 08:48	07/18/25 14:49	1
Heptachlor	<0.0000278	U	0.0000501	0.0000278	mg/L		07/18/25 08:48	07/18/25 14:49	1
Heptachlor epoxide	<0.0000182	U	0.0000501	0.0000182	mg/L		07/18/25 08:48	07/18/25 14:49	1
Methoxychlor	<0.0000186	U	0.0000501	0.0000186	mg/L		07/18/25 08:48	07/18/25 14:49	1
Mirex	<0.0000251	U	0.0000251	0.0000251	mg/L		07/18/25 08:48	07/18/25 14:49	1
Toxaphene	<0.000338	U	0.00100	0.000338	mg/L		07/18/25 08:48	07/18/25 14:49	1

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Client Sample Results

Client: Eastex Environmental Laboratory Inc.
Project/Site: Clear Lake Long PR Composite

Job ID: 860-106291-1
SDG: PO 071725C

Client Sample ID: Clear Lake Long PR Composite

Lab Sample ID: 860-106291-1

Date Collected: 07/15/25 08:30

Matrix: Water

Date Received: 07/17/25 09:29

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	85		45 - 115	07/18/25 08:48	07/18/25 14:49	1
Tetrachloro-m-xylene	104		41 - 110	07/18/25 08:48	07/18/25 14:49	1

Method: EPA-01 615 - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	<0.0000540	U	0.000200	0.0000540	mg/L		07/21/25 02:31	07/27/25 07:11	1
2,4-DB	<0.0000494	U	0.000200	0.0000494	mg/L		07/21/25 02:31	07/27/25 07:11	1
Silvex (2,4,5-TP)	<0.0000423	U	0.000200	0.0000423	mg/L		07/21/25 02:31	07/27/25 07:11	1
2,4,5-T	<0.0000394	U	0.000200	0.0000394	mg/L		07/21/25 02:31	07/27/25 07:11	1
Dalapon	<0.0000477	U	0.000200	0.0000477	mg/L		07/21/25 02:31	07/27/25 07:11	1
Dicamba	<0.0000424	U	0.000200	0.0000424	mg/L		07/21/25 02:31	07/27/25 07:11	1
Dichlorprop	<0.0000528	U	0.000200	0.0000528	mg/L		07/21/25 02:31	07/27/25 07:11	1
Dinoseb	<0.0000344	U *- *1	0.000200	0.0000344	mg/L		07/21/25 02:31	07/27/25 07:11	1
MCPA	<0.00527	U *-	0.0200	0.00527	mg/L		07/21/25 02:31	07/27/25 07:11	1
MCPP	<0.00998	U *-	0.0200	0.00998	mg/L		07/21/25 02:31	07/27/25 07:11	1
Pentachlorophenol	<0.0000444	U	0.000200	0.0000444	mg/L		07/21/25 02:31	07/27/25 07:11	1
Hexachlorophene	<0.000810	U *- *1	0.00501	0.000810	mg/L		07/21/25 02:31	07/27/25 07:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	104		45 - 150	07/21/25 02:31	07/27/25 07:11	1

Method: EPA-01 632 - Carbamate and Urea Pesticides (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbaryl	<1.85	U	5.00	1.85	ug/L		07/22/25 12:41	07/29/25 22:46	1
Diuron	<0.0514	U	0.0900	0.0514	ug/L		07/22/25 12:41	07/29/25 22:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00446		0.000500	0.000200	ug/L			07/21/25 11:41	1

Client Sample ID: Clear Lake Long PR Composite LL Hg Blank

Lab Sample ID: 860-106291-2

Date Collected: 07/15/25 08:30

Matrix: Water

Date Received: 07/17/25 09:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000200	U	0.000500	0.000200	ug/L			07/21/25 11:27	1

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Surrogate Summary

Client: Eastex Environmental Laboratory Inc.
Project/Site: Clear Lake Long PR Composite

Job ID: 860-106291-1
SDG: PO 071725C

Method: 625.1 - Semivolatile Organic Compounds (GC-MS/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)							
		FBP (43-130)	FBP (43-130)	2FP (19-120)	2FP (19-120)	NBZ (37-133)	NBZ (37-133)	PHL (8-124)	PHL (8-124)
860-106291-1	Clear Lake Long PR Composite	68	68	43	43	74	74	23	23
860-106291-1 - RA	Clear Lake Long PR Composite	57	57	31	31	115	115	23	23
LCS 860-249857/2-A	Lab Control Sample	76	76	77	77	77	77	76	76
LCS 860-249857/4-A	Lab Control Sample	71	71	74	74	70	70	71	71
LCSD 860-249857/3-A	Lab Control Sample Dup	77	77	76	76	81	81	74	74
LCSD 860-249857/5-A	Lab Control Sample Dup	75	75	75	75	74	74	73	73
MB 860-249857/1-A	Method Blank	68	68	71	71	69	69	70	70

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		TPHd14 (47-130)	TPHd14 (47-130)	TBP (35-130)	TBP (35-130)
860-106291-1	Clear Lake Long PR Composite	71	71	82	82
860-106291-1 - RA	Clear Lake Long PR Composite	60	60	94	94
LCS 860-249857/2-A	Lab Control Sample	66	66	84	84
LCS 860-249857/4-A	Lab Control Sample	63	63	70	70
LCSD 860-249857/3-A	Lab Control Sample Dup	68	68	80	80
LCSD 860-249857/5-A	Lab Control Sample Dup	62	62	73	73
MB 860-249857/1-A	Method Blank	60	60	65	65

Surrogate Legend

FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)
TBP = 2,4,6-Tribromophenol (Surr)

Method: D7065-11 - Determination of Nonylphenols

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		4NPH (58-115)	
860-106291-1	Clear Lake Long PR Composite	77	
LCS 280-705671/2-A	Lab Control Sample	90	
LCSD 280-705671/3-A	Lab Control Sample Dup	85	
MB 280-705671/1-A	Method Blank	80	

Surrogate Legend

4NPH = 4-nonylphenol (Surr)

Method: 608.3 - Organochlorine Pesticides/PCBs in Water

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DCB1 (45-115)	TCX1 (41-110)
860-106291-1	Clear Lake Long PR Composite	85	104
LCS 860-249536/2-A	Lab Control Sample	83	84
LCS 860-249536/4-A	Lab Control Sample	92	96
LCSD 860-249536/3-A	Lab Control Sample Dup	88	89
LCSD 860-249536/5-A	Lab Control Sample Dup	90	94

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Surrogate Summary

Client: Eastex Environmental Laboratory Inc.
Project/Site: Clear Lake Long PR Composite

Job ID: 860-106291-1
SDG: PO 071725C

Method: 608.3 - Organochlorine Pesticides/PCBs in Water (Continued)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	DCB1 (45-115)	TCX1 (41-110)
MB 860-249536/1-A	Method Blank	93	97
Surrogate Legend			
DCB = DCB Decachlorobiphenyl (Surr)			
TCX = Tetrachloro-m-xylene			

Method: 615 - Herbicides (GC)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	DCPAA1 (45-150)	
860-106291-1	Clear Lake Long PR Composite	104	
LCS 860-249858/2-A	Lab Control Sample	90	
LCSD 860-249858/3-A	Lab Control Sample Dup	90	
LCSD 860-249858/5-A	Lab Control Sample Dup	95	
LCSD 860-251671/5-A	Lab Control Sample Dup	98	
MB 860-249858/1-A	Method Blank	87	
Surrogate Legend			
DCPAA = 2,4-Dichlorophenylacetic acid			

Method: 615 - Herbicides (GC)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	DCPAA2 (45-150)	
LCS 860-249858/4-A	Lab Control Sample	104	
LCS 860-251671/2-A	Lab Control Sample	103	
LCS 860-251671/4-A	Lab Control Sample	78	
LCSD 860-251671/3-A	Lab Control Sample Dup	100	
MB 860-251671/1-A	Method Blank	87	
Surrogate Legend			
DCPAA = 2,4-Dichlorophenylacetic acid			

QC Sample Results

Client: Eastex Environmental Laboratory Inc.
Project/Site: Clear Lake Long PR Composite

Job ID: 860-106291-1
SDG: PO 071725C

Method: 625.1 - Semivolatile Organic Compounds (GC-MS/MS)

Lab Sample ID: MB 860-249857/1-A

Matrix: Water

Analysis Batch: 250267

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 249857

Analyte	Result	MB MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.101	U	0.571	0.101	ug/L		07/20/25 21:02	07/22/25 17:17	1
Acenaphthylene	<0.125	U	0.571	0.125	ug/L		07/20/25 21:02	07/22/25 17:17	1
Anthracene	<0.104	U	0.571	0.104	ug/L		07/20/25 21:02	07/22/25 17:17	1
Azobenzene	<0.524	U	1.14	0.524	ug/L		07/20/25 21:02	07/22/25 17:17	1
Benzidine	<0.541	U	2.86	0.541	ug/L		07/20/25 21:02	07/22/25 17:17	1
Benzo[a]anthracene	<0.127	U	0.286	0.127	ug/L		07/20/25 21:02	07/22/25 17:17	1
Benzo[a]pyrene	<0.107	U	0.286	0.107	ug/L		07/20/25 21:02	07/22/25 17:17	1
Benzo[b]fluoranthene	<0.124	U	0.571	0.124	ug/L		07/20/25 21:02	07/22/25 17:17	1
Benzo[g,h,i]perylene	<0.0903	U	0.571	0.0903	ug/L		07/20/25 21:02	07/22/25 17:17	1
Benzo[k]fluoranthene	<0.123	U	0.571	0.123	ug/L		07/20/25 21:02	07/22/25 17:17	1
Bis(2-chloroethoxy)methane	<0.107	U	0.571	0.107	ug/L		07/20/25 21:02	07/22/25 17:17	1
Bis(2-chloroethyl)ether	<0.107	U	0.571	0.107	ug/L		07/20/25 21:02	07/22/25 17:17	1
Bis(2-ethylhexyl) phthalate	<0.571	U	1.14	0.571	ug/L		07/20/25 21:02	07/22/25 17:17	1
4-Bromophenyl phenyl ether	<0.105	U	0.571	0.105	ug/L		07/20/25 21:02	07/22/25 17:17	1
Butyl benzyl phthalate	<0.336	U	1.14	0.336	ug/L		07/20/25 21:02	07/22/25 17:17	1
4-Chloro-3-methylphenol	<0.119	U	0.571	0.119	ug/L		07/20/25 21:02	07/22/25 17:17	1
2-Chloronaphthalene	<0.118	U	0.571	0.118	ug/L		07/20/25 21:02	07/22/25 17:17	1
2-Chlorophenol	<0.103	U	0.571	0.103	ug/L		07/20/25 21:02	07/22/25 17:17	1
4-Chlorophenyl phenyl ether	<0.0954	U	0.571	0.0954	ug/L		07/20/25 21:02	07/22/25 17:17	1
Chlorpyrifos	<0.179	U	0.286	0.179	ug/L		07/20/25 21:02	07/22/25 17:17	1
Chrysene	<0.0965	U	0.571	0.0965	ug/L		07/20/25 21:02	07/22/25 17:17	1
Demeton, Total	<0.0690	U	0.0857	0.0690	ug/L		07/20/25 21:02	07/22/25 17:17	1
Diazinon	<0.146	U	0.286	0.146	ug/L		07/20/25 21:02	07/22/25 17:17	1
Dibenz(a,h)anthracene	<0.0851	U	0.114	0.0851	ug/L		07/20/25 21:02	07/22/25 17:17	1
1,2-Dichlorobenzene	<0.101	U	0.571	0.101	ug/L		07/20/25 21:02	07/22/25 17:17	1
1,3-Dichlorobenzene	<0.108	U	0.571	0.108	ug/L		07/20/25 21:02	07/22/25 17:17	1
1,4-Dichlorobenzene	<0.110	U	0.571	0.110	ug/L		07/20/25 21:02	07/22/25 17:17	1
3,3'-Dichlorobenzidine	<0.650	U	1.14	0.650	ug/L		07/20/25 21:02	07/22/25 17:17	1
2,4-Dichlorophenol	<0.126	U	0.571	0.126	ug/L		07/20/25 21:02	07/22/25 17:17	1
Diethyl phthalate	<0.187	U	1.14	0.187	ug/L		07/20/25 21:02	07/22/25 17:17	1
2,4-Dimethylphenol	<0.112	U	0.571	0.112	ug/L		07/20/25 21:02	07/22/25 17:17	1
Dimethyl phthalate	<0.133	U	1.14	0.133	ug/L		07/20/25 21:02	07/22/25 17:17	1
Di-n-butyl phthalate	<0.660	U	1.14	0.660	ug/L		07/20/25 21:02	07/22/25 17:17	1
4,6-Dinitro-2-methylphenol	<1.23	U	2.86	1.23	ug/L		07/20/25 21:02	07/22/25 17:17	1
2,4-Dinitrophenol	<1.38	U	5.71	1.38	ug/L		07/20/25 21:02	07/22/25 17:17	1
2,4-Dinitrotoluene	<0.513	U	1.14	0.513	ug/L		07/20/25 21:02	07/22/25 17:17	1
2,6-Dinitrotoluene	<0.273	U	0.571	0.273	ug/L		07/20/25 21:02	07/22/25 17:17	1
Di-n-octyl phthalate	<0.286	U	1.14	0.286	ug/L		07/20/25 21:02	07/22/25 17:17	1
1,2-Diphenylhydrazine	<0.573	U	1.14	0.573	ug/L		07/20/25 21:02	07/22/25 17:17	1
Ethyl Parathion	<0.625	U	1.14	0.625	ug/L		07/20/25 21:02	07/22/25 17:17	1
Fluoranthene	<0.120	U	0.571	0.120	ug/L		07/20/25 21:02	07/22/25 17:17	1
Fluorene	<0.113	U	0.571	0.113	ug/L		07/20/25 21:02	07/22/25 17:17	1
Guthion	<0.314	U	0.571	0.314	ug/L		07/20/25 21:02	07/22/25 17:17	1
Hexachlorobenzene	<0.132	U	0.571	0.132	ug/L		07/20/25 21:02	07/22/25 17:17	1
Hexachlorobutadiene	<0.162	U	0.571	0.162	ug/L		07/20/25 21:02	07/22/25 17:17	1
Hexachlorocyclopentadiene	<0.179	U	1.14	0.179	ug/L		07/20/25 21:02	07/22/25 17:17	1
Hexachloroethane	<0.125	U	0.571	0.125	ug/L		07/20/25 21:02	07/22/25 17:17	1
Indeno[1,2,3-cd]pyrene	<0.103	U	0.571	0.103	ug/L		07/20/25 21:02	07/22/25 17:17	1

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QC Sample Results

Client: Eastex Environmental Laboratory Inc.
Project/Site: Clear Lake Long PR Composite

Job ID: 860-106291-1
SDG: PO 071725C

Method: 625.1 - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-249857/1-A
Matrix: Water
Analysis Batch: 250267

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 249857

Analyte	Result	MB MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isophorone	<0.106	U	0.571	0.106	ug/L		07/20/25 21:02	07/22/25 17:17	1
Malathion	<0.0571	U	0.0571	0.0571	ug/L		07/20/25 21:02	07/22/25 17:17	1
2-Methylphenol	<0.109	U	0.571	0.109	ug/L		07/20/25 21:02	07/22/25 17:17	1
m & p - Cresol	<0.0944	U	0.571	0.0944	ug/L		07/20/25 21:02	07/22/25 17:17	1
Naphthalene	<0.114	U	0.571	0.114	ug/L		07/20/25 21:02	07/22/25 17:17	1
Nitrobenzene	<0.152	U	0.571	0.152	ug/L		07/20/25 21:02	07/22/25 17:17	1
2-Nitrophenol	<0.137	U	0.571	0.137	ug/L		07/20/25 21:02	07/22/25 17:17	1
4-Nitrophenol	<0.671	U	1.14	0.671	ug/L		07/20/25 21:02	07/22/25 17:17	1
N-Nitrosodiethylamine	<0.673	U	1.14	0.673	ug/L		07/20/25 21:02	07/22/25 17:17	1
N-Nitrosodimethylamine	<0.159	U	0.571	0.159	ug/L		07/20/25 21:02	07/22/25 17:17	1
N-Nitrosodi-n-butylamine	<0.724	U	1.14	0.724	ug/L		07/20/25 21:02	07/22/25 17:17	1
N-Nitrosodi-n-propylamine	<0.147	U	0.571	0.147	ug/L		07/20/25 21:02	07/22/25 17:17	1
N-Nitrosodiphenylamine	<0.112	U	0.571	0.112	ug/L		07/20/25 21:02	07/22/25 17:17	1
2,2'-oxybis[1-chloropropane]	<1.85	U	2.86	1.85	ug/L		07/20/25 21:02	07/22/25 17:17	1
Pentachlorobenzene	<0.125	U	0.571	0.125	ug/L		07/20/25 21:02	07/22/25 17:17	1
Pentachlorophenol	<0.312	U	0.571	0.312	ug/L		07/20/25 21:02	07/22/25 17:17	1
Phenanthrene	<0.107	U	0.571	0.107	ug/L		07/20/25 21:02	07/22/25 17:17	1
Phenol	<0.506	U	1.14	0.506	ug/L		07/20/25 21:02	07/22/25 17:17	1
Pyrene	<0.129	U	0.571	0.129	ug/L		07/20/25 21:02	07/22/25 17:17	1
Pyridine	<0.837	U	2.86	0.837	ug/L		07/20/25 21:02	07/22/25 17:17	1
1,2,4,5-Tetrachlorobenzene	<0.115	U	0.571	0.115	ug/L		07/20/25 21:02	07/22/25 17:17	1
1,2,4-Trichlorobenzene	<0.121	U	0.571	0.121	ug/L		07/20/25 21:02	07/22/25 17:17	1
2,4,5-Trichlorophenol	<0.431	U	0.571	0.431	ug/L		07/20/25 21:02	07/22/25 17:17	1
2,4,6-Trichlorophenol	<0.117	U	0.571	0.117	ug/L		07/20/25 21:02	07/22/25 17:17	1
Hexachlorophene	<6.85	U	8.57	6.85	ug/L		07/20/25 21:02	07/22/25 17:17	1
Methyl Phenols, Total	<0.0571	U	0.0571	0.0571	ug/L		07/20/25 21:02	07/22/25 17:17	1

Surrogate	%Recovery	MB MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	68		43 - 130	07/20/25 21:02	07/22/25 17:17	1
2-Fluorophenol (Surr)	71		19 - 120	07/20/25 21:02	07/22/25 17:17	1
Nitrobenzene-d5 (Surr)	69		37 - 133	07/20/25 21:02	07/22/25 17:17	1
Phenol-d5 (Surr)	70		8 - 124	07/20/25 21:02	07/22/25 17:17	1
p-Terphenyl-d14 (Surr)	60		47 - 130	07/20/25 21:02	07/22/25 17:17	1
2,4,6-Tribromophenol (Surr)	65		35 - 130	07/20/25 21:02	07/22/25 17:17	1

Lab Sample ID: LCS 860-249857/2-A
Matrix: Water
Analysis Batch: 250267

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 249857

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	5.71	4.665		ug/L		82	47 - 145
Acenaphthylene	5.71	4.661		ug/L		82	33 - 145
Anthracene	5.71	4.551		ug/L		80	27 - 133
Azobenzene	5.71	4.445		ug/L		78	51 - 145
Benzidine	5.71	0.6463	J	ug/L		11	5 - 82
Benzo[a]anthracene	5.71	4.157		ug/L		73	33 - 143
Benzo[a]pyrene	5.71	4.896		ug/L		86	17 - 163
Benzo[b]fluoranthene	5.71	4.627		ug/L		81	24 - 159

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QC Sample Results

Client: Eastex Environmental Laboratory Inc.
Project/Site: Clear Lake Long PR Composite

Job ID: 860-106291-1
SDG: PO 071725C

Method: 625.1 - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-249857/2-A

Matrix: Water

Analysis Batch: 250267

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 249857

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[g,h,i]perylene	5.71	4.840		ug/L		85	44 - 219
Benzo[k]fluoranthene	5.71	4.315		ug/L		76	11 - 162
Bis(2-chloroethoxy)methane	5.71	5.002		ug/L		88	33 - 184
Bis(2-chloroethyl)ether	5.71	5.026		ug/L		88	12 - 158
Bis(2-ethylhexyl) phthalate	5.71	3.865		ug/L		68	8 - 158
4-Bromophenyl phenyl ether	5.71	4.812		ug/L		84	53 - 127
Butyl benzyl phthalate	5.71	3.695		ug/L		65	60 - 152
4-Chloro-3-methylphenol	5.71	4.824		ug/L		84	22 - 147
2-Chloronaphthalene	5.71	4.814		ug/L		84	60 - 120
2-Chlorophenol	5.71	5.133		ug/L		90	23 - 134
4-Chlorophenyl phenyl ether	5.71	4.774		ug/L		84	25 - 158
Chrysene	5.71	4.862		ug/L		85	17 - 168
Dibenz(a,h)anthracene	5.71	5.123		ug/L		90	50 - 227
1,2-Dichlorobenzene	5.71	4.931		ug/L		86	65 - 130
1,3-Dichlorobenzene	5.71	4.973		ug/L		87	26 - 130
1,4-Dichlorobenzene	5.71	5.075		ug/L		89	60 - 150
3,3'-Dichlorobenzidine	5.71	2.627		ug/L		46	15 - 262
2,4-Dichlorophenol	5.71	5.092		ug/L		89	39 - 135
Diethyl phthalate	5.71	4.311		ug/L		75	55 - 120
2,4-Dimethylphenol	5.71	5.049		ug/L		88	32 - 120
Dimethyl phthalate	5.71	4.494		ug/L		79	44 - 120
Di-n-butyl phthalate	5.71	3.938		ug/L		69	1 - 120
4,6-Dinitro-2-methylphenol	5.71	2.227	J	ug/L		39	10 - 150
2,4-Dinitrophenol	5.71	1.661	J	ug/L		29	15 - 191
2,4-Dinitrotoluene	5.71	5.776		ug/L		101	39 - 139
2,6-Dinitrotoluene	5.71	5.507		ug/L		96	50 - 158
Di-n-octyl phthalate	5.71	3.760		ug/L		66	4 - 146
1,2-Diphenylhydrazine	5.71	4.160		ug/L		73	65 - 150
Fluoranthene	5.71	4.459		ug/L		78	26 - 137
Fluorene	5.71	5.095		ug/L		89	59 - 121
Hexachlorobenzene	5.71	4.853		ug/L		85	55 - 152
Hexachlorobutadiene	5.71	5.292		ug/L		93	24 - 120
Hexachlorocyclopentadiene	5.71	4.607		ug/L		81	24 - 150
Hexachloroethane	5.71	4.719		ug/L		83	40 - 120
Indeno[1,2,3-cd]pyrene	5.71	4.598		ug/L		80	46 - 171
Isophorone	5.71	4.754		ug/L		83	21 - 196
2-Methylphenol	5.71	4.613		ug/L		81	49 - 140
m & p - Cresol	5.71	5.005		ug/L		88	55 - 142
Naphthalene	5.71	4.466		ug/L		78	21 - 133
Nitrobenzene	5.71	4.815		ug/L		84	35 - 180
2-Nitrophenol	5.71	4.579		ug/L		80	29 - 182
4-Nitrophenol	5.71	4.971		ug/L		87	34 - 150
N-Nitrosodiethylamine	5.71	4.895		ug/L		86	50 - 136
N-Nitrosodimethylamine	5.71	5.055		ug/L		88	33 - 148
N-Nitrosodi-n-butylamine	5.71	4.234		ug/L		74	30 - 150
N-Nitrosodi-n-propylamine	5.71	4.465		ug/L		78	55 - 230
N-Nitrosodiphenylamine	5.71	4.863		ug/L		85	51 - 135
2,2'-oxybis[1-chloropropane]	5.71	6.358		ug/L		111	65 - 145
Pentachlorobenzene	5.71	4.908		ug/L		86	52 - 128

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QC Sample Results

Client: Eastex Environmental Laboratory Inc.
Project/Site: Clear Lake Long PR Composite

Job ID: 860-106291-1
SDG: PO 071725C

Method: 625.1 - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-249857/2-A

Matrix: Water

Analysis Batch: 250267

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 249857

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Pentachlorophenol	5.71	4.047		ug/L		71	14 - 176
Phenanthrene	5.71	4.653		ug/L		81	54 - 120
Phenol	5.71	4.735	I	ug/L		83	5 - 120
Pyrene	5.71	4.464		ug/L		78	52 - 120
Pyridine	5.71	3.367		ug/L		59	10 - 84
1,2,4,5-Tetrachlorobenzene	5.71	5.588		ug/L		98	46 - 125
1,2,4-Trichlorobenzene	5.71	4.898		ug/L		86	44 - 142
2,4,5-Trichlorophenol	5.71	5.821		ug/L		102	58 - 150
2,4,6-Trichlorophenol	5.71	5.194		ug/L		91	37 - 144

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl	76		43 - 130
2-Fluorophenol (Surr)	77		19 - 120
Nitrobenzene-d5 (Surr)	77		37 - 133
Phenol-d5 (Surr)	76		8 - 124
p-Terphenyl-d14 (Surr)	66		47 - 130
2,4,6-Tribromophenol (Surr)	84		35 - 130

Lab Sample ID: LCS 860-249857/4-A

Matrix: Water

Analysis Batch: 250267

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 249857

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Chlorpyrifos	2.86	3.608		ug/L		126	70 - 150
Diazinon	2.86	3.348		ug/L		117	65 - 150
Ethyl Parathion	2.86	9.200	*+	ug/L		322	70 - 150
Guthion	2.86	2.772		ug/L		97	40 - 145
Malathion	2.86	2.746		ug/L		96	60 - 145
Demeton-O	0.857	0.7807		ug/L		91	10 - 150
Demeton-S	2.00	1.376		ug/L		69	10 - 124
Hexachlorophene	22.9	7.455	J	ug/L		33	10 - 150

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl	71		43 - 130
2-Fluorophenol (Surr)	74		19 - 120
Nitrobenzene-d5 (Surr)	70		37 - 133
Phenol-d5 (Surr)	71		8 - 124
p-Terphenyl-d14 (Surr)	63		47 - 130
2,4,6-Tribromophenol (Surr)	70		35 - 130

Lab Sample ID: LCSD 860-249857/3-A

Matrix: Water

Analysis Batch: 250267

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 249857

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Acenaphthene	5.71	4.755		ug/L		83	47 - 145	2	29
Acenaphthylene	5.71	4.701		ug/L		82	33 - 145	1	30
Anthracene	5.71	4.711		ug/L		82	27 - 133	3	30

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QC Sample Results

Client: Eastex Environmental Laboratory Inc.
Project/Site: Clear Lake Long PR Composite

Job ID: 860-106291-1
SDG: PO 071725C

Method: 625.1 - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-249857/3-A

Matrix: Water

Analysis Batch: 250267

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 249857

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Azobenzene	5.71	4.541		ug/L		79	51 - 145	2	30
Benzidine	5.71	0.6944	J	ug/L		12	5 - 82	7	30
Benzo[a]anthracene	5.71	3.960		ug/L		69	33 - 143	5	30
Benzo[a]pyrene	5.71	4.789		ug/L		84	17 - 163	2	30
Benzo[b]fluoranthene	5.71	3.972		ug/L		70	24 - 159	15	30
Benzo[g,h,i]perylene	5.71	2.591	*1 I	ug/L		45	44 - 219	61	30
Benzo[k]fluoranthene	5.71	4.041		ug/L		71	11 - 162	7	30
Bis(2-chloroethoxy)methane	5.71	4.976		ug/L		87	33 - 184	1	30
Bis(2-chloroethyl)ether	5.71	4.794		ug/L		84	12 - 158	5	30
Bis(2-ethylhexyl) phthalate	5.71	3.701		ug/L		65	8 - 158	4	30
4-Bromophenyl phenyl ether	5.71	4.835		ug/L		85	53 - 127	0	26
Butyl benzyl phthalate	5.71	3.660		ug/L		64	60 - 152	1	30
4-Chloro-3-methylphenol	5.71	5.016		ug/L		88	22 - 147	4	30
2-Chloronaphthalene	5.71	4.708		ug/L		82	60 - 120	2	15
2-Chlorophenol	5.71	4.983		ug/L		87	23 - 134	3	30
4-Chlorophenyl phenyl ether	5.71	4.890		ug/L		86	25 - 158	2	30
Chrysene	5.71	4.513		ug/L		79	17 - 168	7	30
Dibenz(a,h)anthracene	5.71	5.022		ug/L		88	50 - 227	2	30
1,2-Dichlorobenzene	5.71	4.810		ug/L		84	65 - 130	2	30
1,3-Dichlorobenzene	5.71	4.804		ug/L		84	26 - 130	3	30
1,4-Dichlorobenzene	5.71	4.805		ug/L		84	60 - 150	5	30
3,3'-Dichlorobenzidine	5.71	2.865		ug/L		50	15 - 262	9	30
2,4-Dichlorophenol	5.71	5.372		ug/L		94	39 - 135	5	30
Diethyl phthalate	5.71	4.457		ug/L		78	55 - 120	3	30
2,4-Dimethylphenol	5.71	4.950		ug/L		87	32 - 120	2	30
Dimethyl phthalate	5.71	4.496		ug/L		79	44 - 120	0	30
Di-n-butyl phthalate	5.71	3.991		ug/L		70	1 - 120	1	28
4,6-Dinitro-2-methylphenol	5.71	2.604	J	ug/L		46	10 - 150	16	30
2,4-Dinitrophenol	5.71	2.059	J	ug/L		36	15 - 191	21	30
2,4-Dinitrotoluene	5.71	5.956		ug/L		104	39 - 139	3	25
2,6-Dinitrotoluene	5.71	5.824		ug/L		102	50 - 158	6	29
Di-n-octyl phthalate	5.71	3.607		ug/L		63	4 - 146	4	30
1,2-Diphenylhydrazine	5.71	4.147		ug/L		73	65 - 150	0	30
Fluoranthene	5.71	4.695		ug/L		82	26 - 137	5	30
Fluorene	5.71	5.101		ug/L		89	59 - 121	0	23
Hexachlorobenzene	5.71	4.966		ug/L		87	55 - 152	2	30
Hexachlorobutadiene	5.71	5.327		ug/L		93	24 - 120	1	30
Hexachlorocyclopentadiene	5.71	4.529		ug/L		79	24 - 150	2	30
Hexachloroethane	5.71	4.574		ug/L		80	40 - 120	3	30
Indeno[1,2,3-cd]pyrene	5.71	4.624		ug/L		81	46 - 171	1	30
Isophorone	5.71	4.751		ug/L		83	21 - 196	0	30
2-Methylphenol	5.71	4.482		ug/L		78	49 - 140	3	30
m & p - Cresol	5.71	4.790		ug/L		84	55 - 142	4	30
Naphthalene	5.71	4.538		ug/L		79	21 - 133	2	30
Nitrobenzene	5.71	4.608		ug/L		81	35 - 180	4	30
2-Nitrophenol	5.71	4.565		ug/L		80	29 - 182	0	30
4-Nitrophenol	5.71	4.827		ug/L		84	34 - 150	3	30
N-Nitrosodiethylamine	5.71	4.644		ug/L		81	50 - 136	5	30
N-Nitrosodimethylamine	5.71	4.774		ug/L		84	33 - 148	6	30

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QC Sample Results

Client: Eastex Environmental Laboratory Inc.
Project/Site: Clear Lake Long PR Composite

Job ID: 860-106291-1
SDG: PO 071725C

Method: 625.1 - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-249857/3-A

Matrix: Water

Analysis Batch: 250267

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 249857

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
N-Nitrosodi-n-butylamine	5.71	4.331		ug/L		76	30 - 150	2	30
N-Nitrosodi-n-propylamine	5.71	4.578		ug/L		80	55 - 230	3	30
N-Nitrosodiphenylamine	5.71	4.821		ug/L		84	51 - 135	1	30
2,2'-oxybis[1-chloropropane]	5.71	5.699		ug/L		100	65 - 145	11	30
Pentachlorobenzene	5.71	5.144		ug/L		90	52 - 128	5	30
Pentachlorophenol	5.71	4.028		ug/L		70	14 - 176	0	30
Phenanthrene	5.71	4.682		ug/L		82	54 - 120	1	24
Phenol	5.71	4.719	1	ug/L		83	5 - 120	0	30
Pyrene	5.71	4.617		ug/L		81	52 - 120	3	30
Pyridine	5.71	3.334		ug/L		58	10 - 84	1	30
1,2,4,5-Tetrachlorobenzene	5.71	5.561		ug/L		97	46 - 125	0	30
1,2,4-Trichlorobenzene	5.71	4.828		ug/L		84	44 - 142	1	30
2,4,5-Trichlorophenol	5.71	5.604		ug/L		98	58 - 150	4	30
2,4,6-Trichlorophenol	5.71	5.352		ug/L		94	37 - 144	3	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2-Fluorobiphenyl	77		43 - 130
2-Fluorophenol (Surr)	76		19 - 120
Nitrobenzene-d5 (Surr)	81		37 - 133
Phenol-d5 (Surr)	74		8 - 124
p-Terphenyl-d14 (Surr)	68		47 - 130
2,4,6-Tribromophenol (Surr)	80		35 - 130

Lab Sample ID: LCSD 860-249857/5-A

Matrix: Water

Analysis Batch: 250267

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 249857

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Disulfoton	2.86	10.73	*+	ug/L		376	80 - 150	1	30
Methyl parathion	2.86	10.47	*+	ug/L		367	80 - 150	2	30
Chlorpyrifos	2.86	3.771		ug/L		132	70 - 150	4	30
Diazinon	2.86	3.466		ug/L		121	65 - 150	3	30
Ethyl Parathion	2.86	8.731	*+	ug/L		306	70 - 150	5	30
Guthion	2.86	2.794		ug/L		98	40 - 145	1	30
Malathion	2.86	2.796		ug/L		98	60 - 145	2	30
Demeton-O	0.857	0.8232		ug/L		96	10 - 150	5	30
Demeton-S	2.00	1.439		ug/L		72	10 - 124	4	30
Hexachlorophene	22.9	9.950		ug/L		44	10 - 150	29	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2-Fluorobiphenyl	75		43 - 130
2-Fluorophenol (Surr)	75		19 - 120
Nitrobenzene-d5 (Surr)	74		37 - 133
Phenol-d5 (Surr)	73		8 - 124
p-Terphenyl-d14 (Surr)	62		47 - 130
2,4,6-Tribromophenol (Surr)	73		35 - 130

Eurofins Houston

QC Sample Results

Client: Eastex Environmental Laboratory Inc.
Project/Site: Clear Lake Long PR Composite

Job ID: 860-106291-1
SDG: PO 071725C

Method: D7065-11 - Determination of Nonylphenols

Lab Sample ID: MB 280-705671/1-A
Matrix: Water
Analysis Batch: 706118

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705671

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nonylphenol	<2500	U	5000	2500	ng/L		07/22/25 14:08	07/24/25 18:32	1
Bisphenol-A	<1000	U	2000	1000	ng/L		07/22/25 14:08	07/24/25 18:32	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-nonylphenol (Surr)	80		58 - 115	07/22/25 14:08	07/24/25 18:32	1

Lab Sample ID: LCS 280-705671/2-A
Matrix: Water
Analysis Batch: 706118

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705671

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Nonylphenol	51300	41100		ng/L		80	46 - 133
Bisphenol-A	10200	9112		ng/L		89	39 - 139

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-nonylphenol (Surr)	90		58 - 115

Lab Sample ID: LCSD 280-705671/3-A
Matrix: Water
Analysis Batch: 706118

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 705671

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Nonylphenol	51300	41050		ng/L		80	46 - 133	0	34
Bisphenol-A	10200	8835		ng/L		87	39 - 139	3	28

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-nonylphenol (Surr)	85		58 - 115

Method: 608.3 - Organochlorine Pesticides/PCBs in Water

Lab Sample ID: MB 860-249536/1-A
Matrix: Water
Analysis Batch: 249555

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 249536

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000521	U	0.000250	0.0000521	mg/L		07/18/25 08:48	07/18/25 11:36	1
4,4'-DDD	<0.0000179	U	0.0000500	0.0000179	mg/L		07/18/25 08:48	07/18/25 11:36	1
PCB-1221	<0.0000521	U	0.000500	0.0000521	mg/L		07/18/25 08:48	07/18/25 11:36	1
4,4'-DDE	<0.0000161	U	0.0000500	0.0000161	mg/L		07/18/25 08:48	07/18/25 11:36	1
PCB-1232	<0.0000521	U	0.000500	0.0000521	mg/L		07/18/25 08:48	07/18/25 11:36	1
4,4'-DDT	<0.0000180	U	0.0000500	0.0000180	mg/L		07/18/25 08:48	07/18/25 11:36	1
Aldrin	<0.0000158	U	0.0000500	0.0000158	mg/L		07/18/25 08:48	07/18/25 11:36	1
PCB-1242	<0.0000521	U	0.000250	0.0000521	mg/L		07/18/25 08:48	07/18/25 11:36	1
alpha-BHC	<0.0000159	U	0.0000500	0.0000159	mg/L		07/18/25 08:48	07/18/25 11:36	1
PCB-1248	<0.0000521	U	0.000500	0.0000521	mg/L		07/18/25 08:48	07/18/25 11:36	1
cis-Chlordane	<0.0000188	U	0.0000500	0.0000188	mg/L		07/18/25 08:48	07/18/25 11:36	1
PCB-1254	<0.0000655	U	0.000500	0.0000655	mg/L		07/18/25 08:48	07/18/25 11:36	1
PCB-1260	<0.0000655	U	0.000250	0.0000655	mg/L		07/18/25 08:48	07/18/25 11:36	1

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QC Sample Results

Client: Eastex Environmental Laboratory Inc.
Project/Site: Clear Lake Long PR Composite

Job ID: 860-106291-1
SDG: PO 071725C

Method: 608.3 - Organochlorine Pesticides/PCBs in Water (Continued)

Lab Sample ID: MB 860-249536/1-A
Matrix: Water
Analysis Batch: 249555

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 249536

Analyte	Result	MB MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
beta-BHC	<0.0000172	U	0.0000500	0.0000172	mg/L		07/18/25 08:48	07/18/25 11:36	1
Polychlorinated biphenyls, Total	NC		0.000500	0.000250	mg/L		07/18/25 08:48	07/18/25 11:36	1
Chlordane (technical)	<0.000195	U	0.00100	0.000195	mg/L		07/18/25 08:48	07/18/25 11:36	1
delta-BHC	<0.00000874	U	0.0000500	0.0000087	mg/L		07/18/25 08:48	07/18/25 11:36	1
				4					
Dicofol	<0.0000250	U	0.0000250	0.0000250	mg/L		07/18/25 08:48	07/18/25 11:36	1
Dieldrin	<0.0000173	U	0.0000500	0.0000173	mg/L		07/18/25 08:48	07/18/25 11:36	1
Endosulfan I	<0.0000186	U	0.0000500	0.0000186	mg/L		07/18/25 08:48	07/18/25 11:36	1
Endosulfan II	<0.0000177	U	0.0000500	0.0000177	mg/L		07/18/25 08:48	07/18/25 11:36	1
Endosulfan sulfate	<0.0000152	U	0.0000500	0.0000152	mg/L		07/18/25 08:48	07/18/25 11:36	1
Endrin	<0.0000166	U	0.0000500	0.0000166	mg/L		07/18/25 08:48	07/18/25 11:36	1
Endrin aldehyde	<0.0000167	U	0.0000500	0.0000167	mg/L		07/18/25 08:48	07/18/25 11:36	1
Endrin ketone	<0.0000171	U	0.0000500	0.0000171	mg/L		07/18/25 08:48	07/18/25 11:36	1
gamma-BHC (Lindane)	<0.0000170	U	0.0000500	0.0000170	mg/L		07/18/25 08:48	07/18/25 11:36	1
gamma-Chlordane	<0.0000188	U	0.0000500	0.0000188	mg/L		07/18/25 08:48	07/18/25 11:36	1
Heptachlor	<0.0000277	U	0.0000500	0.0000277	mg/L		07/18/25 08:48	07/18/25 11:36	1
Heptachlor epoxide	<0.0000182	U	0.0000500	0.0000182	mg/L		07/18/25 08:48	07/18/25 11:36	1
Methoxychlor	<0.0000186	U	0.0000500	0.0000186	mg/L		07/18/25 08:48	07/18/25 11:36	1
Mirex	<0.0000250	U	0.0000250	0.0000250	mg/L		07/18/25 08:48	07/18/25 11:36	1
Toxaphene	<0.000337	U	0.00100	0.000337	mg/L		07/18/25 08:48	07/18/25 11:36	1

Surrogate	%Recovery	MB MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	93		45 - 115	07/18/25 08:48	07/18/25 11:36	1
Tetrachloro-m-xylene	97		41 - 110	07/18/25 08:48	07/18/25 11:36	1

Lab Sample ID: LCS 860-249536/2-A
Matrix: Water
Analysis Batch: 249555

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 249536

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	0.00125	0.0008935		mg/L		71	60 - 111
4,4'-DDE	0.00125	0.0009104		mg/L		73	47 - 97
4,4'-DDT	0.00125	0.0007916		mg/L		63	47 - 96
Aldrin	0.00125	0.0009363		mg/L		75	45 - 100
alpha-BHC	0.00125	0.0007784		mg/L		62	58 - 105
cis-Chlordane	0.00125	0.0009203		mg/L		74	53 - 106
beta-BHC	0.00125	0.0009705		mg/L		78	52 - 98
delta-BHC	0.00125	0.0006273		mg/L		50	30 - 105
Dieldrin	0.00125	0.0009667		mg/L		77	52 - 102
Endosulfan I	0.00125	0.001050		mg/L		84	56 - 110
Endosulfan II	0.00125	0.0009411		mg/L		75	58 - 108
Endosulfan sulfate	0.00125	0.0008956		mg/L		72	57 - 101
Endrin	0.00125	0.0009756		mg/L		78	62 - 109
Endrin aldehyde	0.00125	0.0009420		mg/L		75	55 - 103
Endrin ketone	0.00125	0.0009539		mg/L		76	55 - 103
gamma-BHC (Lindane)	0.00125	0.0007936		mg/L		63	59 - 107
gamma-Chlordane	0.00125	0.0008921		mg/L		71	52 - 103
Heptachlor	0.00125	0.0009780		mg/L		78	51 - 102
Heptachlor epoxide	0.00125	0.001065		mg/L		85	56 - 109

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QC Sample Results

Client: Eastex Environmental Laboratory Inc.
Project/Site: Clear Lake Long PR Composite

Job ID: 860-106291-1
SDG: PO 071725C

Method: 608.3 - Organochlorine Pesticides/PCBs in Water (Continued)

Lab Sample ID: LCS 860-249536/2-A

Matrix: Water

Analysis Batch: 249555

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 249536

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methoxychlor	0.00125	0.0009140		mg/L		73	53 - 102
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
DCB Decachlorobiphenyl (Surr)	83		45 - 115				
Tetrachloro-m-xylene	84		41 - 110				

Lab Sample ID: LCS 860-249536/4-A

Matrix: Water

Analysis Batch: 249555

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 249536

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	0.00500	0.006384		mg/L		128	50 - 140
PCB-1260	0.00500	0.006015		mg/L		120	37 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
DCB Decachlorobiphenyl (Surr)	92		45 - 115				
Tetrachloro-m-xylene	96		41 - 110				

Lab Sample ID: LCSD 860-249536/3-A

Matrix: Water

Analysis Batch: 249555

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 249536

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD	0.00125	0.0009465		mg/L		76	60 - 111	6	30
4,4'-DDE	0.00125	0.0009458		mg/L		76	47 - 97	4	30
4,4'-DDT	0.00125	0.0008236		mg/L		66	47 - 96	4	30
Aldrin	0.00125	0.0009774		mg/L		78	45 - 100	4	30
alpha-BHC	0.00125	0.0008096		mg/L		65	58 - 105	4	30
cis-Chlordane	0.00125	0.0009595		mg/L		77	53 - 106	4	30
beta-BHC	0.00125	0.001015		mg/L		81	52 - 98	4	30
delta-BHC	0.00125	0.0006528		mg/L		52	30 - 105	4	30
Dieldrin	0.00125	0.001016		mg/L		81	52 - 102	5	30
Endosulfan I	0.00125	0.001087		mg/L		87	56 - 110	3	30
Endosulfan II	0.00125	0.0009885		mg/L		79	58 - 108	5	30
Endosulfan sulfate	0.00125	0.0009332		mg/L		75	57 - 101	4	30
Endrin	0.00125	0.001015		mg/L		81	62 - 109	4	30
Endrin aldehyde	0.00125	0.0009833		mg/L		79	55 - 103	4	30
Endrin ketone	0.00125	0.001001		mg/L		80	55 - 103	5	30
gamma-BHC (Lindane)	0.00125	0.0008249		mg/L		66	59 - 107	4	30
gamma-Chlordane	0.00125	0.0009328		mg/L		75	52 - 103	4	30
Heptachlor	0.00125	0.001015		mg/L		81	51 - 102	4	30
Heptachlor epoxide	0.00125	0.001112		mg/L		89	56 - 109	4	30
Methoxychlor	0.00125	0.0009485		mg/L		76	53 - 102	4	30
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
DCB Decachlorobiphenyl (Surr)	88		45 - 115						
Tetrachloro-m-xylene	89		41 - 110						

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QC Sample Results

Client: Eastex Environmental Laboratory Inc.
Project/Site: Clear Lake Long PR Composite

Job ID: 860-106291-1
SDG: PO 071725C

Method: 608.3 - Organochlorine Pesticides/PCBs in Water (Continued)

Lab Sample ID: LCSD 860-249536/5-A

Matrix: Water

Analysis Batch: 249555

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 249536

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
PCB-1016	0.00500	0.006160		mg/L		123	50 - 140	4	30
PCB-1260	0.00500	0.005929		mg/L		119	37 - 130	1	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	90		45 - 115
Tetrachloro-m-xylene	94		41 - 110

Method: 615 - Herbicides (GC)

Lab Sample ID: MB 860-249858/1-A

Matrix: Water

Analysis Batch: 251505

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 249858

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	<0.0000539	U	0.000200	0.0000539	mg/L		07/21/25 02:31	07/27/25 04:39	1
2,4-DB	<0.0000493	U	0.000200	0.0000493	mg/L		07/21/25 02:31	07/27/25 04:39	1
Silvex (2,4,5-TP)	<0.0000422	U	0.000200	0.0000422	mg/L		07/21/25 02:31	07/27/25 04:39	1
2,4,5-T	<0.0000393	U	0.000200	0.0000393	mg/L		07/21/25 02:31	07/27/25 04:39	1
Dalapon	<0.0000476	U	0.000200	0.0000476	mg/L		07/21/25 02:31	07/27/25 04:39	1
Dicamba	<0.0000423	U	0.000200	0.0000423	mg/L		07/21/25 02:31	07/27/25 04:39	1
Dichlorprop	<0.0000527	U	0.000200	0.0000527	mg/L		07/21/25 02:31	07/27/25 04:39	1
Dinoseb	<0.0000343	U	0.000200	0.0000343	mg/L		07/21/25 02:31	07/27/25 04:39	1
MCPA	<0.00526	U	0.0200	0.00526	mg/L		07/21/25 02:31	07/27/25 04:39	1
MCP	<0.00996	U	0.0200	0.00996	mg/L		07/21/25 02:31	07/27/25 04:39	1
Pentachlorophenol	<0.0000443	U	0.000200	0.0000443	mg/L		07/21/25 02:31	07/27/25 04:39	1
Hexachlorophene	<0.000808	U	0.00500	0.000808	mg/L		07/21/25 02:31	07/27/25 04:39	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	87		45 - 150	07/21/25 02:31	07/27/25 04:39	1

Lab Sample ID: LCS 860-249858/2-A

Matrix: Water

Analysis Batch: 251505

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 249858

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
2,4-D	0.00200	0.001280		mg/L		64	55 - 145
2,4-DB	0.00200	0.001095		mg/L		55	55 - 150
Silvex (2,4,5-TP)	0.00200	0.001408		mg/L		70	55 - 140
2,4,5-T	0.00200	0.001197		mg/L		60	60 - 130
Dalapon	0.00200	0.001531	p	mg/L		77	50 - 150
Dicamba	0.00200	0.001485		mg/L		74	55 - 135
Dichlorprop	0.00200	0.001330		mg/L		66	55 - 140
Dinoseb	0.00200	<0.0000343	U *-	mg/L		0.2	20 - 100
MCPA	0.200	0.08585	*-	mg/L		43	55 - 145
MCP	0.200	0.1123	*-	mg/L		56	65 - 155
Pentachlorophenol	0.00200	0.001135		mg/L		57	50 - 135

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QC Sample Results

Client: Eastex Environmental Laboratory Inc.
Project/Site: Clear Lake Long PR Composite

Job ID: 860-106291-1
SDG: PO 071725C

Method: 615 - Herbicides (GC) (Continued)

Lab Sample ID: LCS 860-249858/2-A
Matrix: Water
Analysis Batch: 251505

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 249858

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4-Dichlorophenylacetic acid	90		45 - 150

Lab Sample ID: LCS 860-249858/4-A
Matrix: Water
Analysis Batch: 252224

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 249858

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Hexachlorophene	0.00800	0.004457	J *	mg/L		56	60 - 135

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4-Dichlorophenylacetic acid	104		45 - 150

Lab Sample ID: LCSD 860-249858/3-A
Matrix: Water
Analysis Batch: 251505

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 249858

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
2,4-D	0.00200	0.001336		mg/L		67	55 - 145	4	25
2,4-DB	0.00200	0.001272		mg/L		64	55 - 150	15	25
Silvex (2,4,5-TP)	0.00200	0.001457		mg/L		73	55 - 140	3	25
2,4,5-T	0.00200	0.001230		mg/L		61	60 - 130	3	25
Dalapon	0.00200	0.001692	p	mg/L		85	50 - 150	10	25
Dicamba	0.00200	0.001545		mg/L		77	55 - 135	4	25
Dichlorprop	0.00200	0.001352		mg/L		68	55 - 140	2	25
Dinoseb	0.00200	<0.0000343	U * - *1	mg/L		0.02	20 - 100	163	25
MCPA	0.200	0.09382	* -	mg/L		47	55 - 145	9	25
MCPP	0.200	0.1227	* -	mg/L		61	65 - 155	9	25
Pentachlorophenol	0.00200	0.001182		mg/L		59	50 - 135	4	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4-Dichlorophenylacetic acid	90		45 - 150

Lab Sample ID: LCSD 860-249858/5-A
Matrix: Water
Analysis Batch: 251505

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 249858

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Hexachlorophene	0.00800	0.003549	J *	mg/L		44	60 - 135	23	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4-Dichlorophenylacetic acid	95		45 - 150

Lab Sample ID: MB 860-251671/1-A
Matrix: Water
Analysis Batch: 252224

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 251671

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	<0.0000539	U	0.000200	0.0000539	mg/L		07/29/25 08:45	07/31/25 10:24	1

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QC Sample Results

Client: Eastex Environmental Laboratory Inc.
Project/Site: Clear Lake Long PR Composite

Job ID: 860-106291-1
SDG: PO 071725C

Method: 615 - Herbicides (GC) (Continued)

Lab Sample ID: MB 860-251671/1-A

Matrix: Water

Analysis Batch: 252224

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 251671

Analyte	Result	MB MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-DB	<0.0000493	U	0.000200	0.0000493	mg/L		07/29/25 08:45	07/31/25 10:24	1
Silvex (2,4,5-TP)	<0.0000422	U	0.000200	0.0000422	mg/L		07/29/25 08:45	07/31/25 10:24	1
2,4,5-T	<0.0000393	U	0.000200	0.0000393	mg/L		07/29/25 08:45	07/31/25 10:24	1
Dalapon	<0.0000476	U	0.000200	0.0000476	mg/L		07/29/25 08:45	07/31/25 10:24	1
Dicamba	<0.0000423	U	0.000200	0.0000423	mg/L		07/29/25 08:45	07/31/25 10:24	1
Dichlorprop	<0.0000527	U	0.000200	0.0000527	mg/L		07/29/25 08:45	07/31/25 10:24	1
Dinoseb	<0.0000343	U	0.000200	0.0000343	mg/L		07/29/25 08:45	07/31/25 10:24	1
MCPA	<0.00526	U	0.0200	0.00526	mg/L		07/29/25 08:45	07/31/25 10:24	1
MCPP	<0.00996	U	0.0200	0.00996	mg/L		07/29/25 08:45	07/31/25 10:24	1
Pentachlorophenol	<0.0000443	U	0.000200	0.0000443	mg/L		07/29/25 08:45	07/31/25 10:24	1
Hexachlorophene	<0.000808	U	0.00500	0.000808	mg/L		07/29/25 08:45	07/31/25 10:24	1

Surrogate	%Recovery	MB MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	87		45 - 150	07/29/25 08:45	07/31/25 10:24	1

Lab Sample ID: LCS 860-251671/2-A

Matrix: Water

Analysis Batch: 252224

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 251671

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
2,4-D	0.00200	0.001387		mg/L		69	55 - 145
2,4-DB	0.00200	0.001290		mg/L		64	55 - 150
Silvex (2,4,5-TP)	0.00200	0.001447		mg/L		72	55 - 140
2,4,5-T	0.00200	0.001378		mg/L		69	60 - 130
Dalapon	0.00200	0.001823		mg/L		91	50 - 150
Dicamba	0.00200	0.001636		mg/L		82	55 - 135
Dichlorprop	0.00200	0.001375		mg/L		69	55 - 140
Dinoseb	0.00200	0.001003		mg/L		50	20 - 100
MCPA	0.200	0.1565		mg/L		78	55 - 145
MCPP	0.200	0.1612		mg/L		81	65 - 155
Pentachlorophenol	0.00200	0.001534		mg/L		77	50 - 135

Surrogate	%Recovery	LCS LCS Qualifier	Limits
2,4-Dichlorophenylacetic acid	103		45 - 150

Lab Sample ID: LCS 860-251671/4-A

Matrix: Water

Analysis Batch: 252224

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 251671

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Hexachlorophene	0.00800	0.003830	J *	mg/L		48	60 - 135

Surrogate	%Recovery	LCS LCS Qualifier	Limits
2,4-Dichlorophenylacetic acid	78		45 - 150

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QC Sample Results

Client: Eastex Environmental Laboratory Inc.
Project/Site: Clear Lake Long PR Composite

Job ID: 860-106291-1
SDG: PO 071725C

Method: 615 - Herbicides (GC) (Continued)

Lab Sample ID: LCSD 860-251671/3-A
Matrix: Water
Analysis Batch: 252224

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 251671

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4-D	0.00200	0.001357		mg/L		68	55 - 145	2	25
2,4-DB	0.00200	0.001099		mg/L		55	55 - 150	16	25
Silvex (2,4,5-TP)	0.00200	0.001434		mg/L		72	55 - 140	1	25
2,4,5-T	0.00200	0.001369		mg/L		68	60 - 130	1	25
Dalapon	0.00200	0.001897		mg/L		95	50 - 150	4	25
Dicamba	0.00200	0.001616		mg/L		81	55 - 135	1	25
Dichlorprop	0.00200	0.001346		mg/L		67	55 - 140	2	25
Dinoseb	0.00200	0.001282		mg/L		64	20 - 100	24	25
MCPA	0.200	0.1423		mg/L		71	55 - 145	10	25
MCP	0.200	0.1460		mg/L		73	65 - 155	10	25
Pentachlorophenol	0.00200	0.001522		mg/L		76	50 - 135	1	25

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
2,4-Dichlorophenylacetic acid	100		45 - 150

Lab Sample ID: LCSD 860-251671/5-A
Matrix: Water
Analysis Batch: 252224

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 251671

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Hexachlorophene	0.00800	0.003218	J *	mg/L		40	60 - 135	7	25

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
2,4-Dichlorophenylacetic acid	98		45 - 150

Method: 632 - Carbamate and Urea Pesticides (HPLC)

Lab Sample ID: MB 860-250276/1-A
Matrix: Water
Analysis Batch: 251570

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 250276

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbaryl	<1.85	U	5.00	1.85	ug/L		07/22/25 12:41	07/29/25 17:50	1
Diuron	<0.0514	U	0.0900	0.0514	ug/L		07/22/25 12:41	07/29/25 17:50	1

Lab Sample ID: LCS 860-250276/2-A
Matrix: Water
Analysis Batch: 251570

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 250276

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Carbaryl	100	101.6		ug/L		102	70 - 130		
Diuron	2.00	2.012		ug/L		101	70 - 130		

Lab Sample ID: LCSD 860-250276/3-A
Matrix: Water
Analysis Batch: 251570

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 250276

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Carbaryl	100	87.63		ug/L		88	70 - 130	15	20

Eurofins Houston

QC Sample Results

Client: Eastex Environmental Laboratory Inc.
Project/Site: Clear Lake Long PR Composite

Job ID: 860-106291-1
SDG: PO 071725C

Method: 632 - Carbamate and Urea Pesticides (HPLC) (Continued)

Lab Sample ID: LCSD 860-250276/3-A
Matrix: Water
Analysis Batch: 251570

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 250276

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diuron	2.00	2.037		ug/L		102	70 - 130	1	20

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

Lab Sample ID: MB 192-37010/23
Matrix: Water
Analysis Batch: 37010

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000200	U	0.000500	0.000200	ug/L			07/21/25 11:22	1

Lab Sample ID: MB 192-37010/24
Matrix: Water
Analysis Batch: 37010

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000200	U	0.000500	0.000200	ug/L			07/21/25 10:58	1

Lab Sample ID: MB 192-37010/25
Matrix: Water
Analysis Batch: 37010

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000200	U	0.000500	0.000200	ug/L			07/21/25 11:02	1

Lab Sample ID: LCS 192-37010/26
Matrix: Water
Analysis Batch: 37010

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00500	0.004110		ug/L		82	77 - 123

Lab Sample ID: 860-106291-2 MS
Matrix: Water
Analysis Batch: 37010

Client Sample ID: Clear Lake Long PR Composite LL Hg Blank
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.000200	U	0.00500	0.004029		ug/L		81	71 - 125

Lab Sample ID: 860-106291-2 MSD
Matrix: Water
Analysis Batch: 37010

Client Sample ID: Clear Lake Long PR Composite LL Hg Blank
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000200	U	0.00500	0.004163		ug/L		83	71 - 125	3	24

Eurofins Houston

QC Association Summary

Client: Eastex Environmental Laboratory Inc.
Project/Site: Clear Lake Long PR Composite

Job ID: 860-106291-1
SDG: PO 071725C

GC/MS Semi VOA

Prep Batch: 249857

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-106291-1 - RA	Clear Lake Long PR Composite	Total/NA	Water	3511	
860-106291-1	Clear Lake Long PR Composite	Total/NA	Water	3511	
MB 860-249857/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-249857/2-A	Lab Control Sample	Total/NA	Water	3511	
LCS 860-249857/4-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-249857/3-A	Lab Control Sample Dup	Total/NA	Water	3511	
LCSD 860-249857/5-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 250267

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-249857/1-A	Method Blank	Total/NA	Water	625.1	249857
LCS 860-249857/2-A	Lab Control Sample	Total/NA	Water	625.1	249857
LCS 860-249857/4-A	Lab Control Sample	Total/NA	Water	625.1	249857
LCSD 860-249857/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	249857
LCSD 860-249857/5-A	Lab Control Sample Dup	Total/NA	Water	625.1	249857

Analysis Batch: 250909

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-106291-1	Clear Lake Long PR Composite	Total/NA	Water	625.1	249857

Analysis Batch: 253286

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-106291-1 - RA	Clear Lake Long PR Composite	Total/NA	Water	625.1	249857

Prep Batch: 705671

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-106291-1	Clear Lake Long PR Composite	Total/NA	Water	D7065-11	
MB 280-705671/1-A	Method Blank	Total/NA	Water	D7065-11	
LCS 280-705671/2-A	Lab Control Sample	Total/NA	Water	D7065-11	
LCSD 280-705671/3-A	Lab Control Sample Dup	Total/NA	Water	D7065-11	

Analysis Batch: 706118

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-106291-1	Clear Lake Long PR Composite	Total/NA	Water	D7065-11	705671
MB 280-705671/1-A	Method Blank	Total/NA	Water	D7065-11	705671
LCS 280-705671/2-A	Lab Control Sample	Total/NA	Water	D7065-11	705671
LCSD 280-705671/3-A	Lab Control Sample Dup	Total/NA	Water	D7065-11	705671

GC Semi VOA

Prep Batch: 249536

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-106291-1	Clear Lake Long PR Composite	Total/NA	Water	3511	
MB 860-249536/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-249536/2-A	Lab Control Sample	Total/NA	Water	3511	
LCS 860-249536/4-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-249536/3-A	Lab Control Sample Dup	Total/NA	Water	3511	
LCSD 860-249536/5-A	Lab Control Sample Dup	Total/NA	Water	3511	

Eurofins Houston

QC Association Summary

Client: Eastex Environmental Laboratory Inc.
Project/Site: Clear Lake Long PR Composite

Job ID: 860-106291-1
SDG: PO 071725C

GC Semi VOA

Analysis Batch: 249555

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-106291-1	Clear Lake Long PR Composite	Total/NA	Water	608.3	249536
MB 860-249536/1-A	Method Blank	Total/NA	Water	608.3	249536
LCS 860-249536/2-A	Lab Control Sample	Total/NA	Water	608.3	249536
LCS 860-249536/4-A	Lab Control Sample	Total/NA	Water	608.3	249536
LCSD 860-249536/3-A	Lab Control Sample Dup	Total/NA	Water	608.3	249536
LCSD 860-249536/5-A	Lab Control Sample Dup	Total/NA	Water	608.3	249536

Prep Batch: 249858

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-106291-1	Clear Lake Long PR Composite	Total/NA	Water	3511	
MB 860-249858/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-249858/2-A	Lab Control Sample	Total/NA	Water	3511	
LCS 860-249858/4-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-249858/3-A	Lab Control Sample Dup	Total/NA	Water	3511	
LCSD 860-249858/5-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 251505

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-106291-1	Clear Lake Long PR Composite	Total/NA	Water	615	249858
MB 860-249858/1-A	Method Blank	Total/NA	Water	615	249858
LCS 860-249858/2-A	Lab Control Sample	Total/NA	Water	615	249858
LCSD 860-249858/3-A	Lab Control Sample Dup	Total/NA	Water	615	249858
LCSD 860-249858/5-A	Lab Control Sample Dup	Total/NA	Water	615	249858

Prep Batch: 251671

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-106291-1	Clear Lake Long PR Composite	Total/NA	Water	3511	
MB 860-251671/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-251671/2-A	Lab Control Sample	Total/NA	Water	3511	
LCS 860-251671/4-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-251671/3-A	Lab Control Sample Dup	Total/NA	Water	3511	
LCSD 860-251671/5-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 252224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-106291-1	Clear Lake Long PR Composite	Total/NA	Water	615	251671
MB 860-251671/1-A	Method Blank	Total/NA	Water	615	251671
LCS 860-249858/4-A	Lab Control Sample	Total/NA	Water	615	249858
LCS 860-251671/2-A	Lab Control Sample	Total/NA	Water	615	251671
LCS 860-251671/4-A	Lab Control Sample	Total/NA	Water	615	251671
LCSD 860-251671/3-A	Lab Control Sample Dup	Total/NA	Water	615	251671
LCSD 860-251671/5-A	Lab Control Sample Dup	Total/NA	Water	615	251671

HPLC/IC

Prep Batch: 250276

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-106291-1	Clear Lake Long PR Composite	Total/NA	Water	CWA_Prep	
MB 860-250276/1-A	Method Blank	Total/NA	Water	CWA_Prep	
LCS 860-250276/2-A	Lab Control Sample	Total/NA	Water	CWA_Prep	
LCSD 860-250276/3-A	Lab Control Sample Dup	Total/NA	Water	CWA_Prep	

Eurofins Houston

QC Association Summary

Client: Eastex Environmental Laboratory Inc.
Project/Site: Clear Lake Long PR Composite

Job ID: 860-106291-1
SDG: PO 071725C

HPLC/IC

Analysis Batch: 251570

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-106291-1	Clear Lake Long PR Composite	Total/NA	Water	632	250276
MB 860-250276/1-A	Method Blank	Total/NA	Water	632	250276
LCS 860-250276/2-A	Lab Control Sample	Total/NA	Water	632	250276
LCSD 860-250276/3-A	Lab Control Sample Dup	Total/NA	Water	632	250276

Metals

Analysis Batch: 37010

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-106291-1	Clear Lake Long PR Composite	Total/NA	Water	1631E	
860-106291-2	Clear Lake Long PR Composite LL Hg Blank	Total/NA	Water	1631E	
MB 192-37010/23	Method Blank	Total/NA	Water	1631E	
MB 192-37010/24	Method Blank	Total/NA	Water	1631E	
MB 192-37010/25	Method Blank	Total/NA	Water	1631E	
LCS 192-37010/26	Lab Control Sample	Total/NA	Water	1631E	
860-106291-2 MS	Clear Lake Long PR Composite LL Hg Blank	Total/NA	Water	1631E	
860-106291-2 MSD	Clear Lake Long PR Composite LL Hg Blank	Total/NA	Water	1631E	

Lab Chronicle

Client: Eastex Environmental Laboratory Inc.
Project/Site: Clear Lake Long PR Composite

Job ID: 860-106291-1
SDG: PO 071725C

Client Sample ID: Clear Lake Long PR Composite

Lab Sample ID: 860-106291-1

Date Collected: 07/15/25 08:30

Matrix: Water

Date Received: 07/17/25 09:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3511	RA		70 mL	4 mL	249857	07/20/25 21:02	DR	EET HOU
Total/NA	Analysis	625.1	RA	1	1 mL	1 mL	253286	08/05/25 16:58	PXS	EET HOU
Total/NA	Prep	3511			70 mL	4 mL	249857	07/20/25 21:02	DR	EET HOU
Total/NA	Analysis	625.1		1	1 mL	1 mL	250909	07/24/25 22:28	T1S	EET HOU
Total/NA	Prep	D7065-11			250 mL	10 mL	705671	07/22/25 14:08	EDW	EET DEN
Total/NA	Analysis	D7065-11		1	200 uL	200 uL	706118	07/24/25 22:07	DNM	EET DEN
Total/NA	Prep	3511			49.9 mL	5 mL	249536	07/18/25 08:48	BH	EET HOU
Total/NA	Analysis	608.3		1	0 mL	0 mL	249555	07/18/25 14:49	WP	EET HOU
Total/NA	Prep	3511			49.9 mL	4 mL	249858	07/21/25 02:31	BH	EET HOU
Total/NA	Analysis	615		1			251505	07/27/25 07:11	KM	EET HOU
Total/NA	Prep	3511			49.7 mL	4 mL	251671	07/29/25 10:11	BH	EET HOU
Total/NA	Analysis	615		1			252224	07/31/25 13:23	KM	EET HOU
Total/NA	Prep	CWA_Prep			1000 mL	10 mL	250276	07/22/25 12:41	DR	EET HOU
Total/NA	Analysis	632		1			251570	07/29/25 22:46	YG	EET HOU
Total/NA	Analysis	1631E		1	5 mL	5 mL	37010	07/21/25 11:41	KZD	EET ARK

Client Sample ID: Clear Lake Long PR Composite LL Hg Blank

Lab Sample ID: 860-106291-2

Date Collected: 07/15/25 08:30

Matrix: Water

Date Received: 07/17/25 09:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	1631E		1	5 mL	5 mL	37010	07/21/25 11:27	KZD	EET ARK

Laboratory References:

EET ARK = Eurofins Arkansas, 8600 Kanis Rd, Little Rock, AR 72204, TEL (501)224-5060

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

Eurofins Houston

Accreditation/Certification Summary

Client: Eastex Environmental Laboratory Inc.
Project/Site: Clear Lake Long PR Composite

Job ID: 860-106291-1
SDG: PO 071725C

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	08-21-25
Florida	NELAP	E871002	06-30-26
Louisiana (All)	NELAP	03054	06-30-26
Oklahoma	NELAP	1306	08-31-25
Texas	NELAP	T104704215	08-25-25
Texas	TCEQ Water Supply	T104704215	12-30-25
USDA	US Federal Programs	525-23-79-79507	03-20-26

Laboratory: Eurofins Arkansas

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	60-00889	03-02-26
Florida	NELAP	E871188	06-30-26
Iowa	State	436	10-02-25
Louisiana (All)	NELAP	01946	06-30-26
Oklahoma	State	8709	08-18-25
Oregon	NELAP	4192	07-11-26
Texas	NELAP	T104704575	07-23-25
Washington	State	C1087	07-13-26

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	09-21-25
A2LA	ISO/IEC 17025	2907.01	09-21-25
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	07-29-25
Colorado	Petroleum Storage Tank Program	2907.01 (A2LA)	10-31-26
Colorado	State	CO00026	06-30-26
Connecticut	State	PH-0686	08-13-25
Florida	NELAP	E87667	06-30-26
Georgia	State	4025	01-08-26
Illinois	NELAP	200017	05-31-26
Iowa	State	370	12-01-26
Kansas	NELAP	E-10166	07-29-25
Kentucky (WW)	State	KY98047	07-28-25
Louisiana	NELAP	30785	06-30-14 *
Louisiana (All)	NELAP	30785	06-30-26
Minnesota	NELAP	1788752	07-30-25
Montana (DW)	State	CERT0117	01-01-26
Nevada	State	CO00026	07-31-25
New Hampshire	NELAP	2053	09-04-25
New Jersey	NELAP	CO004	07-27-25
New York	NELAP	11964	04-01-26
North Dakota	State	R-034	07-25-25
Oklahoma	NELAP	8614	07-28-25

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Houston

Accreditation/Certification Summary

Client: Eastex Environmental Laboratory Inc.
Project/Site: Clear Lake Long PR Composite

Job ID: 860-106291-1
SDG: PO 071725C

Laboratory: Eurofins Denver (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
Oregon	NELAP	4025	09-03-25
Pennsylvania	NELAP	68-00664	07-31-25
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	06-14-26
Washington	State	C583	08-03-25
West Virginia DEP	State	354	11-30-25
Wisconsin	State	999615430	08-07-25
Wyoming (UST)	A2LA	2907.01	06-09-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Houston

Method Summary

Client: Eastex Environmental Laboratory Inc.
Project/Site: Clear Lake Long PR Composite

Job ID: 860-106291-1
SDG: PO 071725C

Method	Method Description	Protocol	Laboratory
625.1	Semivolatile Organic Compounds (GC-MS/MS)	EPA	EET HOU
D7065-11	Determination of Nonylphenols	ASTM	EET DEN
608.3	Organochlorine Pesticides/PCBs in Water	EPA	EET HOU
615	Herbicides (GC)	EPA-01	EET HOU
632	Carbamate and Urea Pesticides (HPLC)	EPA-01	EET HOU
1631E	Mercury, Low Level (CVAFS)	EPA	EET ARK
3511	Microextraction of Organic Compounds	SW846	EET HOU
CWA_Prep	Liquid-Liquid Extraction (Separatory Funnel)	EPA	EET HOU
D7065-11	Liquid-Liquid Extraction (Continuous)	ASTM	EET DEN

Protocol References:

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.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET ARK = Eurofins Arkansas, 8600 Kanis Rd, Little Rock, AR 72204, TEL (501)224-5060

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

Eurofins Houston

Sample Summary

Client: Eastex Environmental Laboratory Inc.
Project/Site: Clear Lake Long PR Composite

Job ID: 860-106291-1
Sx G:8P08r7y7c5J

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
860-106291-1	Clear Lake Long PR Composite	Water	07/15/25 08:30	07/17/25 09:29	Texas
860-106291-2	Clear Lake Long PR Composite LL Hg Blank	Water	07/15/25 08:30	07/17/25 09:29	Texas

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SUBCONTRACT ORDER

Sending Laboratory:

Eastex Environmental Laboratory - Coldspring
PO Box 1089
Coldspring, TX 77331

Phone 936-653-3249
eastexlab@eastex.net
Project Manager Daniel Bowen
dbowen@eastexlabs.com

Subcontracted Laboratory:

Eurofins Xenco LLC

4147 Greenbriar Dr
Stafford, TX 77477

Phone 713-690-4444
Fax 713-690-5646

[Signature] 7/16

PO 071725C

Requested Turnaround 10 Days

Sample ID: Clear Lake Long PR Composite

Sample No: 5261481-01

Water

Sampled: 07/15/2025 08:30

Semi-Volatiles-Permit (625 1)
Pesticides-Permit 608 3
Pesticides Mirex, Dicofof 608.3
PCB-Permit 608 3
Organophosphorus Pesticides
Nonylphenol
Mercury LL Blank
Mercury LL
Carbaryl/Diuron EPA 632
Acidic Herbicides-Permit



Containers Supplied 17

Special Instructions

☐ See Attached

Received Iced Y/N

Temp

23°

Clear Lake City WWTP

Released By *[Signature]*

Date & Time

07/25/2024

Received By *[Signature]*

Date & Time

7/25/2024

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

Chain of Custody Record



Client Information (Sub Contract Lab)		Sampler: N/A	Lab PM: Garza, Sylvia	Carrier Tracking No(s): 860-238833.1	
Client Contact: Shipping/Receiving		Phone: N/A	E-Mail: Sylvia Garza@eurofins.com	State of Origin: Texas	
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Texas			
Address: 4955 Yarrow Street, City: Anvada, State, Zip: CO, 80002		Due Date Requested: 7/23/2025			
Phone: 303-736-0100(Tel) 303-431-7171(Fax)		TAT Requested (days): N/A			
Email: N/A		PO #: N/A			
Project Name: Clear Lake Long PR Composite		WO #: N/A			
Site: N/A		SSOW#: N/A			
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wastewater, AT=Asbestos, A=Air)
Clear Lake Long PR Composite (860-106291-1)	7/15/25	08:30	Central	G	Water
Sample Disposal (A Fee may be assessed if samples are retained longer than 1 month)		Special Instructions/Note:			
Return To Client ☐ Disposal By Lab ☐ Archive For ☐ Months		Special Instructions/Note:			
Possible Hazard Identification		Special Instructions/Note:			
Unconfirmed		Special Instructions/Note:			
Deliverable Requested: I, II, III, IV, Other (specify)		Primary Deliverable Rank: 2			
Empty Kit Relinquished by:		Method of Shipment:			
Relinquished by: [Signature]		Date/Time: 7/17	Company: [Signature]		
Relinquished by:		Date/Time:	Company:		
Relinquished by:		Date/Time:	Company:		
Custody Seals Intact: Δ Yes Δ No		Custody Seal No.: 0.1 10/2024			



Login Sample Receipt Checklist

Client: Eastex Environmental Laboratory Inc.

Job Number: 860-106291-1

SDG Number: PO 071725C

Login Number: 106291

List Number: 1

Creator: Grandits, Corey

List Source: Eurofins Houston

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ 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 $<6\text{mm}$ (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: Eastex Environmental Laboratory Inc.

Job Number: 860-106291-1

SDG Number: PO 071725C

Login Number: 106291

List Number: 2

Creator: Stephens, Ren

List Source: Eurofins Arkansas

List Creation: 07/18/25 10:03 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.	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	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: Eastex Environmental Laboratory Inc.

Job Number: 860-106291-1

SDG Number: PO 071725C

Login Number: 106291

List Number: 3

Creator: Rystrom, Joshua R

List Source: Eurofins Denver

List Creation: 07/18/25 04:47 PM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	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.	False	Refer to Job Narrative for details.
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 $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



EASTEX ENVIRONMENTAL LABORATORY, INC.

P.O. Box 1089 • Cold Spring, TX 77331 P.O. Box 631375 • Nacogdoches, TX 75963-1375
(936) 653-3249 • (800) 525-0508 (936) 569-8879 • FAX (936) 569-8951
www.eastexlabs.com

White Copy-Follows Samples
Yellow Copy-Laboratory
Pink Copy-Client Copy

REPORT TO:

Company: CLEAR LAKE WWTP
Address:

INVOICE TO:

Company:
Address:
Attn:
Phone#:
Email:

Remarks:

GRAB PORTION

INSTRUCTIONS:

C or G: C= Composite G= Grab
Matrix: DW=Drinking Water WW=Wastewater SO=Soil/Sludge OT= Other
Container Size: 1=Gallon 2=1/2 Gallon 3=Quart/Liter 4=500mL 5=250mL
6=125mL (4oz) 7=60mL (2 oz) 8= 40mL Vial 9=Other
Type: P= Plastic G= Glass T= Teflon S= Sterile
Preservatives: C=Chilled S=Sulfuric Acid N=Nitric Acid B=Base/Caustic Z= Zn Acetate
ST=Sodium Thiosulfate H=HCL O= Other

Sample's Name (print):

Sample's Signature:

Project Name: CLEAR LAKE LONG PR (GRAB)

COPY

ANALYSIS REQUESTED		TDS		CONDUCTIVITY		TKN AS N		CYANIDE		OIL & GREASE HEM		PHENOL LT		ALL IC/ALKALINITY		VOLATILES	
Work Order ID	Sample ID	Date	Time	Matrix	C or G	DO	pH	Cl2	Flow	Temp	#	Size	Type	Pres			
5261481	LONG PR	7/15	8:00	WW	G						1	4	P	C,N	X		
	LONG PR	7/15		WW	G						1	4	P	C	X		
	LONG PR	7/15		WW	G						1	4	P	C	X		
	LONG PR	7/15		WW	G						1	6	P	C,S			
	LONG PR	7/15		WW	G						1	3	P	C,NADH			
	LONG PR	7/15		WW	G						1	3	AG	C,S		X	
	LONG PR	7/15		WW	G						1	3	AG	C,S			
	LONG PR	7/15		WW	G						1	6	P	C			
	LONG PR	7/15		WW	G						1	8	G	C,HCL			X
	LONG PR	7/15		WW	G						1	8	G	C			X

Relinquished By:	Received By:	Time	Received Iced:	YES / NO
	B. Webb	7/15/25	10:50	YES / NO
Relinquished By:	Received By:	Time	Received Iced:	YES / NO
Relinquished By:	Received By:	Time	Received Iced:	YES / NO
	Ami Kement	7/15/25	14:11	YES / NO
LAB USE ONLY	Sample Condition Acceptable:	YES / NO	Therm ID	logged In By:
Alternate Check In:	Date	Time	Temp C	CT
			3.9	7-15-25
				1482

*Thermometer has 0.0 factor and recorded temperature is actual temperature



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www.eastexlabs.com

White Copy-Follows Samples
Yellow Copy-Laboratory
Pink Copy-Client Copy

REPORT TO:

Company: CLEAR LAKE WWTP
Address:
Attn:
Phone#:
Email:
P.O. #:
Sampler's Name (print): Jose Gama
Sampler's Signature:
Project Name: CLEAR LAKE LONG PR (COMP)

Company:
Address:
Attn:
Phone#:
INSTRUCTIONS:

C or G: C = Composite G = Grab
Matrix: DW=Drinking Water VW=Wastewater SO=Soil/Sediment OT=Other
Container Size: 1=Gallon 2=1/2 Gallon 3=Quart/Liter 4=500mL 5=250mL
6=125mL (4oz) 7=60mL (2 oz) 8=40mL Vial 9=Other
Type: P=Plastic G=Glass T=Teflon S=Sterile
Preservatives: C=Chilled S=Sulfuric Acid N=Nitric Acid B=Base/Caustic Z=Zn Acetate
ST=Sodium Thiosulfate H=HCl O=Other

Work Order ID		Sample ID	Date	Time	Matrix	C or G	DO	pH	Cl2	Flow	Temp	#	Size	Type	Pres	ANALYSIS REQUESTED										
																Field Data										
																Containers										
5261481-01	LONG PR	7/15	8:30		WW	C						1	4	P	C,N	X	FLUORIDE/NITRATE PR	CHROMIUM (IV)	CARBYL/DIURON/ORGANOPHOS	NONYLPHENOL	ACIDIC HERB/PEST MIRE	SEMI VOL/PCB PERM 608	PESTICIDES	LL HG/LL HG BLANK	CHROM TRIV	
	LONG PR	7/15			WW	C						1	4	P	C,N	X										
	LONG PR	7/15			WW	C						1	3	P	C,N	X										
	LONG PR	7/15			WW	C						6	3	AG	C				X							
	LONG PR	7/15			WW	C						1	3	AG	C					X						
	LONG PR	7/15			WW	C						4	3	AG	C						X					
	LONG PR	7/15			WW	C						4	3	AG	C							X				
	LONG PR	7/15			WW	C						1	3	AG	C								X			
	LONG PR	7/15			WW	C						5	8	G	C									X		
	LONG PR	7/15			WW	C						1	5	P	C										X	

Relinquished By:	B. Weller	Received By:	B. Weller	Date:	7/15/25	Time:	10:50	Received Iced:	YES / NO
Relinquished By:		Received By:		Date:		Time:		Received Iced:	YES / NO
Relinquished By:	B. Weller	Received By:	Chan Kengent	Date:	7/15/25	Time:	18:14:11	Received Iced:	YES / NO
LAB USE ONLY	Sample Condition Acceptable: YES / NO								
Alternate Check In:	Date:	Time:	Temp C:	39	15	CT	Logged In By:		

*Thermometer has 0.0 factor and recorded temperature is actual temperature

Attachment I

Summary of WET Data



Attachment I
Clear Lake City Water Authority
TPDES Permit Renewal Application
Permit No. WQ0010539001
Summary of WET Results (Cont.)

Chronic Biomonitoring Results

Test Date	Test Species	NOEC Lethal	NOEC Sub-Lethal
12/31/2020	Americamysis bahia	49%	49%
12/31/2020	Menidia menidia	49%	49%
03/31/2021	Americamysis bahia	49%	49%
03/31/2021	Menidia menidia	49%	49%
06/30/2022	Americamysis bahia	49%	49%
06/30/2022	Menidia menidia	49%	49%
09/30/2021	Americamysis bahia	49%	49%
09/30/2021	Menidia menidia	49%	49%
12/31/2021	Americamysis bahia	49%	49%
12/31/2021	Menidia menidia	49%	49%
03/31/2022	Americamysis bahia	49%	49%
03/31/2022	Menidia menidia	37%	49%
06/30/2022	Americamysis bahia	49%	49%
06/30/2022	Menidia menidia	49%	49%
09/30/2022	Americamysis bahia	49%	49%
09/30/2022	Menidia menidia	49%	49%
12/31/2022	Americamysis bahia	49%	49%
12/31/2022	Menidia menidia	49%	49%
03/31/2023	Americamysis bahia	49%	49%
03/31/2023	Menidia menidia	49%	49%
06/30/2023	Americamysis bahia	49%	49%
06/30/2023	Menidia menidia	49%	49%
09/30/2023	Americamysis bahia	49%	49%
09/30/2023	Menidia menidia	49%	49%
12/31/2023	Americamysis bahia	49%	49%
12/31/2023	Menidia menidia	49%	49%
03/31/2024	Americamysis bahia	49%	49%
03/31/2024	Menidia menidia	49%	49%
06/30/2024	Americamysis bahia	49%	49%
06/30/2024	Menidia menidia	49%	49%
09/30/2024	Americamysis bahia	49%	49%
09/30/2024	Menidia menidia	49%	49%
12/31/2024	Americamysis bahia	49%	49%
12/31/2024	Menidia menidia	49%	49%
03/31/2025	Americamysis bahia	49%	49%
03/31/2025	Menidia menidia	49%	49%
06/30/2025	Americamysis bahia	49%	49%
06/30/2025	Menidia menidia	49%	49%
03/31/2021	Americamysis bahia	49%	49%

Attachment I
Clear Lake City Water Authority
TPDES Permit Renewal Application
Permit No. WQ0010539001
Summary of WET Results (Cont.)

Acute Biomonitoring Results

Test Date	Test Species	LC50 Value	Survival at 100% Effluent
12/31/2020	Mysid. Bahia	0	>50% (100%)
12/31/2020	Menidia menidia	0	>50% (100%)
6/30/2021	Mysid. Bahia	0	>50% (100%)
6/30/2021	Menidia menidia	0	>50% (100%)
12/31/2021	Mysid. Bahia	0	>50% (100%)
12/31/2021	Menidia menidia	0	>50% (100%)
6/30/2022	Mysid. Bahia	0	>50% (100%)
6/30/2022	Menidia menidia	0	>50% (100%)
12/31/2022	Mysid. Bahia	0	>50% (100%)
12/31/2022	Menidia menidia	0	>50% (100%)
06/30/2023	Mysid. Bahia	0	>50% (100%)
06/30/2023	Menidia menidia	0	>50% (100%)
12/31/2023	Mysid. Bahia	0	>50% (100%)
12/31/2023	Menidia menidia	0	>50% (100%)
06/30/2024	Mysid. Bahia	0	>50% (100%)
06/30/2024	Menidia menidia	0	>50% (100%)
12/31/2024	Mysid. Bahia	0	>50% (100%)
12/31/2024	Menidia menidia	0	>50% (100%)
06/30/2025	Mysid. Bahia	0	>50% (100%)
06/30/2025	Menidia menidia	0	>50% (100%)

Attachment J

Payment Voucher for Amendment Fee



Frank Elliott

From: steers@tceq.texas.gov
Sent: Thursday, September 18, 2025 10:10 AM
To: Frank Elliott
Subject: TCEQ ePay Receipt for 582EA000685398

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

This is an automated message from the TCEQ ePay system. Please do not reply.

Trace Number: 582EA000685398

Date: 09/18/2025 10:10 AM

Payment Method: CC - Authorization 0000504585 TCEQ Amount: \$2,015.00 Texas.gov Fee: \$45.59 Texas.gov Price: \$2,060.59*

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

Actor: FRANK ELLIOTT
Email: f.elliott@clcwa.org

Payment Contact: FRANK ELLIOTT
Phone: 713-459-3768
Company: CLEAR LAKE CITY WATER AUTHORITY
Address: 14210 MIDDLEBROOK, HOUSTON, TX 77058

Fees Paid:

Fee Description	AR Number	Amount
WW PERMIT - FACILITY WITH FLOW >= 1.0 MGD - RENEWAL		\$2,000.00
30 TAC 305.53B WQ RENEWAL NOTIFICATION FEE		\$15.00

TCEQ Amount: \$2,015.00

=====

Voucher: 783826

Trace Number: 582EA000685398

Date: 09/18/2025 10:10 AM

Payment Method: CC - Authorization 0000504585 Voucher Amount: \$2,000.00 Fee Paid: WW PERMIT - FACILITY WITH FLOW >= 1.0 MGD - RENEWAL RN Number: RN101440485 Site Name: ROBERT T SAVELY WATER RECLAMATION WASTEWATER TREATMENT FACILITY Site Address: 14210 MIDDLEBROOK DRIVE, HOUSTON, TX 77058 Site Location: 14210 MIDDLEBROOK DRIVE HOUSTON TX 77058 CN Number: CN600270102 Customer Name: CLEAR LAKE CITY WATER AUTHORITY Customer Address: 900 BAY AREA BLVD, HOUSTON, TX 77058 Program Area ID: WQ0010539001
Comments: Permit Renewal Fees

Voucher: 783827

Trace Number: 582EA000685398

Date: 09/18/2025 10:10 AM

Payment Method: CC - Authorization 0000504585 Voucher Amount: \$15.00 Fee Paid: 30 TAC 305.53B WQ RENEWAL
NOTIFICATION FEE

=====

To print out a copy of the receipt and vouchers for this transaction either click on or copy and paste the following url into your browser:

https://nam11.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww3.tceq.texas.gov%2Fepay%2Findex.cfm%3Ffuseaction%3Dcor.search%26trace_num_txt%3D582EA000685398&data=05%7C02%7Cf.elliott%40clcwa.org%7C4848e264063a405d8e4908ddf6c582a5%7C77068468a8214720b22d4ffc24c83ba8%7C0%7C0%7C638938050346687483%7CUnknown%7CTWFPbGZsb3d8eyJFbXB0eU1hcGkiOnRydWUsIlYiOilwLjAuMDAwMCIsIlAiOiJXaW4zMilslkFOIjoiTWFPbClslldUljoyfQ%3D%3D%7C0%7C%7C%7C&sdata=UOPQNJqAsUTH0nXUXrylXuUIDJCzvBER%2BwCrwhn5xh4%3D&reserved=0

This e-mail transmission and any attachments are believed to have been sent free of any virus or other defect that might affect any computer system into which it is received and opened. It is, however, the recipient's responsibility to ensure that the e-mail transmission and any attachments are virus free, and the sender accepts no responsibility for any damage that may in any way arise from their use.

Your transaction is complete. Thank you for using TCEQ ePay.

Note: It may take up to 3 working days for this electronic payment to be processed and be reflected in the TCEQ ePay system. Print this receipt and the vouchers for your records. An email receipt has also been sent.

Transaction Information

Trace Number: 582EA000685398

Date: 09/18/2025 10:10 AM

Payment Method: CC - Authorization 0000504585

ePay Actor: FRANK ELLIOTT

Actor Email: f.elliott@clcwa.org

IP: 50.220.221.162

TCEQ Amount: \$2,015.00

Texas.gov Fee: \$45.59

Texas.gov Price: \$2,060.59*

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

Payment Contact Information

Name: FRANK ELLIOTT

Company: CLEAR LAKE CITY WATER AUTHORITY

Address: 14210 MIDDLEBROOK, HOUSTON, TX 77058

Phone: 713-459-3768

Cart Items

Click on the voucher number to see the voucher details.

Voucher	Fee Description	AR Number	Amount
783826	WW PERMIT - FACILITY WITH FLOW >= 1.0 MGD - RENEWAL		\$2,000.00
783827	30 TAC 305.53B WQ RENEWAL NOTIFICATION FEE		\$15.00
TCEQ Amount:			\$2,015.00

Note: It may take up to 3 working days for this electronic payment to be processed and be reflected in the TCEQ ePay system. Print this receipt for your records.

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[Statewide Links: Texas.gov](#) | [Texas Homeland Security](#) | [TRAIL Statewide Archive](#) | [Texas Veterans Portal](#)

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Leah Whallon

From: Parks, Wade P. <WPPARKS@GarverUSA.com>
Sent: Thursday, October 30, 2025 1:27 PM
To: Leah Whallon
Cc: f.elliott@clcwa.org; Robinson, Cynthia D.
Subject: RE: Application to Renew Permit No. WQ0010539001; Clear Lake City Water Authority; Robert T. Savely WRF
Attachments: Municipal Discharge Renewal Spanish NORI.docx
Follow Up Flag: Follow up
Flag Status: Flagged

Good Afternoon Leah,

We confirm that the portion of the NORI does not contain errors or omissions. And we are attaching the NORI in Spanish.

Is there anything else needed from us at this time?

Best Regards,

Wade P. Parks, PE, CFM
Garver
713-395-4285

From: Leah Whallon <Leah.Whallon@Tceq.Texas.Gov>
Sent: Friday, October 24, 2025 12:25 PM
To: f.elliott@clcwa.org
Cc: Parks, Wade P. WPPARKS@GarverUSA.com
Subject: Application to Renew Permit No. WQ0010539001; Clear Lake City Water Authority; Robert T. Savely WRF

Good Afternoon,

Please see the attached Notice of Deficiency letter dated October 24, 2025, requesting additional information needed to declare the application administratively complete. Please send the complete response by November 7, 2025.

Please let me know if you have any questions.

Thank you,



Leah Whallon

Texas Commission on Environmental Quality

Water Quality Division

512-239-0084

leah.whallon@tceq.texas.gov

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

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. WQ00

SOLICITUD. Clear Lake City Water Authority, 900 Bay Area Boulevard, Houston, Texas 77058 ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para renovar el Permiso No. WQ0010539001 (EPA I.D. No. TX0022543) 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 10,000,000 galones por día. La planta está ubicada 14210 Middlebrook Drive, en el Condado de Harris, Texas 77058. La ruta de descarga es del sitio de la planta hasta Horsepen Bayou, y de ahí hasta Armand Bayou tidal. La TCEQ recibió esta solicitud el 14 de Octubre de 2025. La solicitud para el permiso estará disponible para leerla y copiarla en Clear Lake City Water Authority Office, 900 Bay Area Boulevard, Houston, Texas, Condado de Harris 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=-95.092222,29.5775&level=18>

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

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

COMENTARIO PUBLICO / REUNION PUBLICA. Usted puede presentar comentarios públicos o pedir una reunión pública sobre esta solicitud. El propósito de una reunión pública es dar la oportunidad de presentar comentarios o hacer preguntas acerca de la solicitud. La TCEQ

realiza una reunión pública si el Director Ejecutivo determina que hay un grado de interés público suficiente en la solicitud o si un legislador local lo pide. Una reunión pública no es una audiencia administrativa de lo contencioso.

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

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

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

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

LISTA DE CORREO. Si somete comentarios públicos, un pedido para una audiencia administrativa de lo contencioso o una reconsideración de la decisión del Director Ejecutivo,

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

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

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

También se puede obtener información adicional del Clear Lake City Water Authority a la dirección indicada arriba o llamando a Señor Frank Elliott, Superintendente de Aguas Residuales, al 281-488-2400.

Fecha de emisión: *[Date notice issued]*