Administrative Package Cover Page

This file contains the following documents:

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

Portada de Paquete Administrativo

Este archivo contiene los siguientes documentos:

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

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

PLAIN LANGUAGE SUMMARY FOR TPDES OR TLAP PERMIT APPLICATIONS

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

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

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

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

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

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

The City of Corpus Christi (CN600131858) operates Whitecap Wastewater Treatment Facility (RN101609782), an activated sludge facility. The facility is located at 13409 Whitecap Boulevard, in Corpus Christi, Nueces County, Texas 78418. This application is for a renewal to discharge treated domestic wastewater at an annual average flow of 2,500,000 gallons per day.

Discharges from the facility are expected to contain biochemical oxygen demand, total suspended solids, and *Enterococci*. Domestic wastewater is treated by a mechanical bar screen, two aeration basins, four aerobic digesters, two clarifiers, and two UV disinfection chambers.

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

AGUAS RESIDUALES DOMESTICAS /AGUAS PLUVIALES

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

La Ciudad de Corpus Christi (CN600131858) opera la instalación de tratamiento de aguas residuales de Whitecap (RN101609782), una instalación de lodos activados. La instalación está ubicada en 13409 Whitecap Boulevard, en Corpus Christi, Condado de Nueces, Texas 78418. This application is for a renewal to discharge treated domestic wastewater at an annual average flow of 2,500,000 gallons per day.

Se espera que las descargas de la instalación contengan demanda bioquímica de oxígeno, sólidos suspendidos totales y *Enterococos*. Aguas residuales domésticas está tratado por una reja mecánica, dos cubetas de aireación, cuatro digestores aeróbicos, dos clarificadores y dos cámaras de desinfección UV.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

PERMIT NO. WQ0010401009

APPLICATION. City of Corpus Christi, P.O. Box 9277, Corpus Christi, Texas 78469 has applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0010401009 (EPA I.D. No. TX0047121) to authorize the discharge of treated wastewater at a volume not to exceed an annual average flow of 2,500,000 gallons per day. The domestic wastewater treatment facility is located at 13409 Whitecap Boulevard, in the city of Corpus Christi, in Nueces County, Texas 78418. The discharge route is from the plant site directly to Laguna Madre. TCEQ received this application on April 17, 2025. The permit application will be available for viewing and copying at City of Corpus Christi Utilities Building, Front Desk, 2726 Holly Road, Corpus Christi, in Nueces 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=-97.249444,27.602777&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 the City of Corpus Christi at the address stated above or by calling Mr. Earl Richardson, Wastewater Treatment Plant Manager, at 361-826-1848.

Issuance Date: April 30, 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. WQ0010401009

SOLICITUD. La Ciudad de Corpus Christi, P.O. Box 9277, Corpus Christi, Texas 78469, ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para renovar el Permiso No. WQ0010401009 (EPA I.D. No. TX0047121) 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 2,500,000 galones por día. La planta está ubicada 13409 Whitecap Boulevard, en el Condado de Nueces, Texas 78418. La ruta de descarga es del sitio de la planta directo a Laguna Madre. La TCEQ recibió esta solicitud el 17 de abril de 2025. La solicitud para el permiso estará disponible para leerla y copiarla en Edificio de Servicios Públicos de la Ciudad de Corpus Christi, recepción, 2726 Holly Road, en el condado de Nueces 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=97.249444,27.602777&level=18

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

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

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

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

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

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

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

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

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

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

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

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

También se puede obtener información adicional del la Ciudad de Corpus Christi a la dirección indicada arriba o llamando a Sr. Earl Richardson al 361-826-1848.

Fecha de emisión: 30 de Abril de 2025

PLUMMER

0537-062-01

April 17, 2025

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

Re: City of Corpus Christi (CN600131858)
Whitecap Wastewater Treatment Facility (RN101609782)
Application for a Renewal of Texas Pollutant Discharge Elimination System (TPDES)
Permit No. WQ0010401009

To Whom It May Concern:

On behalf of the City of Corpus Christi, Plummer Associates, Inc. (Plummer) submits one original of a TPDES Permit Renewal application for the above-referenced facility. The application fee of $2,015.00 for the Domestic Wastewater Permit Application will be submitted to the Texas Commission on Environmental Quality Cashier's Office (MC-214) under separate cover.

Please feel free to contact me at alewis@plummer.com or (512) 687-2154, if you have any questions regarding this submittal.

RECEIVED
APR 17 2025
TCEQ MAIL CENTER

Sincerely,

PLUMMER
TBPE Firm Registration No. F-13

Ashley Lewis

Ashley Lewis
Water Quality/Permitting Team Leader

Enclosures: TPDES Permit Application (1 original)

cc: Mr. Earl Richardson, Wastewater Treatment Plant Manager, City of Corpus Christi

8911 N Capital of TX Hwy
Bldg 1 – Ste 1250
Austin, Texas 78759
Phone 512.452.5905
Fax 512.452.2325
plummer.com
TBPE Firm No. 13

CITY OF CORPUS CHRISTI

WHITECAP WASTEWATER TREATMENT FACILITY

TEXAS POLLUTANT DISCHARGE ELIMINTATION SYSTEM PERMIT RENEWAL APPLICATION PERMIT NO. WQ0010401009

SUBMITTED TO:
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

April 2025

PROJECT #: 0537-062-091

PLUMMER

CITY OF CORPUS CHRISTI
WHITECAP WASTEWATER TREATMENT FACILITY
TPDES PERMIT RENEWAL APPLICATION

TABLE OF CONTENTS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST

Complete and submit this checklist with the application.

APPLICANT NAME: City of Corpus Christi

PERMIT NUMBER (If new, leave blank): WQ00 0010401009

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	☐	☒
Public Involvement Plan Form	☐	☒	Flow Diagram	☒	☐
Technical Report 1.0	☒	☐	Site Drawing	☒	☐
Technical Report 1.1	☐	☒	Original Photographs	☐	☒
Worksheet 2.0	☒	☐	Design Calculations	☐	☒
Worksheet 2.1	☐	☒	Solids Management Plan	☐	☒
Worksheet 3.0	☐	☒	Water Balance	☐	☒
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: 550491

Check/Money Order Amount: $2,015.00

Name Printed on Check: City of Corpus Christi

EPAY — Voucher Number: N/A

Copy of Payment Voucher enclosed? Yes ☐ N/A

Section 2. Type of Application (Instructions Page 26)

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

☒ Publicly-Owned Domestic Wastewater

☐ Privately-Owned Domestic Wastewater

☐ Conventional Wastewater Treatment

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

☒ Active ☐ Inactive

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

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

d. Check the box next to the appropriate application type

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

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

f. For existing permits:

Permit Number: WQ00 0010401009

EPA I.D. (TPDES only): TX 0047121

Expiration Date: October 15th, 2025

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

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

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

City of Corpus Christi

(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: 600131858

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

Prefix: Mr. Last Name, First Name: Molly, Drew

Title: Chief Operating Officer, Corpus Christi Water Credential: P.E.

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

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

N/A

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

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

CN: N/A

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

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

Title: N/A Credential: N/A

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

C. Core Data Form

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

Title: Wastewater Treatment Plant Manager Credential: N/A

Organization Name: Corpus Christi Water

Mailing Address: 2726 Holly Road City, State, Zip Code: Corpus Christi, TX 78415

Phone No.: (361) 826-1848 E-mail Address: earlri@cctexas.com

Check one or both: ☒ Administrative Contact ☒ Technical Contact

B. Prefix: Ms. Last Name, First Name: Ashley Lewis

Title: Water Quality/Permitting Team Leader Credential: N/A

Organization Name: Plummer Associates, Inc.

Mailing Address: 8911 N Capital of Texas Hwy, Bldg. 1, Ste 1250

City, State, Zip Code: Austin, TX 78759

Phone No.: (512)- 687-2154 E-mail Address: alewis@plummer.com

Check one or both: ☒ Administrative Contact ☒ Technical Contact

Section 5. Permit Contact Information (Instructions Page 27)

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

A. Prefix: Mr. Last Name, First Name: Richardson, Earl

Title: Wastewater Treatment Plant Manager Credential: N/A

Organization Name: Corpus Christi Water

Mailing Address: 2726 Holly Road City, State, Zip Code: Corpus Christi, TX 78415

Phone No.: (361) 826-1848 E-mail Address: earlri@cctexas.com

B. Prefix: Mr. Last Name, First Name: Molly, Drew

Title: Chief Operating Officer Credential: P.E.

Organization Name: Corpus Christi Water

Mailing Address: P.O. Box 9277 City, State, Zip Code: Corpus Christi, TX 78469

Phone No.: (361) 826-3278 E-mail Address: drewm@cctexas.com

Section 6. Billing Contact Information (Instructions Page 27)

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

Prefix: Mr. Last Name, First Name: Richardson, Earl

Title: Wastewater Treatment Plant Manager Credential: N/A

Organization Name: Corpus Christi Water

Mailing Address: 2726 Holly Road City, State, Zip Code: Corpus Christi, TX 78415

Phone No.: (361) 826-1848 E-mail Address: earlri@cctexas.com

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: Richardson, Earl

Title: Wastewater Treatment Plant Manager Credential: N/A

Organization Name: Corpus Christi Water

Mailing Address: 2726 Holly Road City, State, Zip Code: Corpus Christi, TX 78415

Phone No.: (361) 826-1848 E-mail Address: earlri@cctexas.com

Section 8. Public Notice Information (Instructions Page 27)

A. Individual Publishing the Notices

Prefix: Mr. Last Name, First Name: Richardson, Earl

Title: Wastewater Treatment Plant Manager Credential: N/A

Organization Name: Corpus Christi Water

Mailing Address: 2726 Holly Road City, State, Zip Code: Corpus Christi, TX 78415

Phone No.: (361) 826-1848 E-mail Address: earlri@cctexas.com

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

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

☒ E-mail Address

☐ Fax

☐ Regular Mail

C. Contact permit to be listed in the Notices

Prefix: Mr. Last Name, First Name: Richardson, Earl

Title: Wastewater Treatment Plant Manager Credential: N/A

Organization Name: City of Corpus Christi

Mailing Address: 2726 Holly Road City, State, Zip Code: Corpus Christi, TX 78415

Phone No.: (361) 826-1848 E-mail Address: earlri@cctexas.com

D. Public Viewing Information

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

Public building name: City of Corpus Christi Utilities Building

Location within the building: Front Desk

Physical Address of Building: 2726 Holly Road

City: Corpus Christi County: Nueces

Contact (Last Name, First Name): Perez, Abigail

Phone No.: (361) 826-1800 Ext.: N/A

E. Bilingual Notice Requirements

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

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

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

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

   ☒ Yes ☐ No

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

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

   ☒ Yes ☐ No

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

   ☐ Yes ☒ No

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

   ☐ Yes ☒ No

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

F. Plain Language Summary Template

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

Attachment: B

G. Public Involvement Plan Form

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

Attachment: N/A

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

A. If the site is currently regulated by TCEQ, provide the Regulated Entity Number (RN) issued to this site. **RN** 101609782

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):

Whitecap Wastewater Treatment Facility

C. Owner of treatment facility: City of Corpus Christi

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

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

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

Title: N/A Credential: N/A

Organization Name: City of Corpus Christi

Mailing Address: P.O. Box 9277 City, State, Zip Code: Corpus Christi, TX 78469

Phone No.: (361) 826-3278 E-mail Address: drewm@cctexas.com

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

Attachment: N/A

E. Owner of effluent disposal site:

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

Title: N/A Credential: N/A

Organization Name: N/A

Mailing Address: N/A City, State, Zip Code: N/A

Phone No.: N/A E-mail Address: N/A

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

Attachment: N/A

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

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

Title: N/A Credential: N/A

Organization Name: N/A

Mailing Address: N/A City, State, Zip Code: N/A

Phone No.: N/A E-mail Address: N/A

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

Attachment: N/A

Section 10. TPDES Discharge Information (Instructions Page 31)

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

☒ Yes ☐ No

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

N/A

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

☒ Yes ☐ No

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

N/A

City nearest the outfall(s): Corpus Christi

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

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

☐ Yes ☒ No

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

☐ Authorization granted ☐ Authorization pending

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

Attachment: N/A

D. For all applications involving an average daily discharge of 5 MGD or more, provide the names of all counties located within 100 statute miles downstream of the point(s) of discharge: Nueces 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 ☒ Not Applicable

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

N/A – Not a TLAP

B. City nearest the disposal site: N/A

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

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

N/A – Not a TLAP

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

Section 12. Miscellaneous Information (Instructions Page 32)

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

☐ Yes ☒ No

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

☐ Yes ☐ No ☒ Not Applicable

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

N/A

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

☐ Yes ☒ No

If yes, list each person formerly employed by the TCEQ who represented your company and was paid for service regarding the application: N/A

D. Do you owe any fees to the TCEQ?

☐ Yes ☒ No

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

Account number: N/A

Amount past due: N/A

E. Do you owe any penalties to the TCEQ?

☐ Yes ☒ No

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

Enforcement order number: N/A

Amount past due: N/A

Section 13. Attachments (Instructions Page 33)

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

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

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

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

☐ Attachment 1 for Individuals as co-applicants

☒ Other Attachments. Please specify: See Table of Contents

Section 14. Signature Page (Instructions Page 34)

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

Permit Number: WQ0010401009

Applicant: City of Corpus Christi

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): Drew Molly, P.E.

Signatory title: Chief Operating Officer, Corpus Christi Water

Signature: _____ Date: 4/4/25

(Use blue ink)

Subscribed and Sworn to before me by the said Drew Molly

on this 4th day of April, 20 25.

My commission expires on the 16th day of March, 20 26.

_____

Notary Public

[SEAL]

Nueces, Texas

County, Texas

MARTHA VAZQUEZ
Notary ID #128028579
My Commission Expires
March 16, 2026

DOMESTIC WASTEWATER PERMIT APPLICATION

SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

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

Attachment: D

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.0

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

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

Section 1. Permitted or Proposed Flows (Instructions Page 43)

A. Existing/Interim I Phase

Design Flow (MGD): 2.5

2-Hr Peak Flow (MGD): 7.5

Estimated construction start date: Existing Phase

Estimated waste disposal start date: Existing Phase

B. Interim II Phase

Design Flow (MGD): N/A

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

Estimated construction start date: N/A

Estimated waste disposal start date: N/A

C. Final Phase

Design Flow (MGD): N/A

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

Estimated construction start date: N/A

Estimated waste disposal start date: N/A

D. Current Operating Phase

Provide the startup date of the facility: 1975

Section 2. Treatment Process (Instructions Page 43)

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**.

See Attachment E

B. Treatment Units

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

Table 1.0(1) - Treatment Units

Treatment Unit Type	Number of Units	Dimensions (L x W x D)
See Attachment F		

C. Process Flow Diagram

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

Attachment: G

Section 3. Site Information and Drawing (Instructions Page 44)

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

- Latitude: 27.6032
- Longitude: -97.2510

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: H

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

The Whitecap Wastewater Treatment Facility primarily serves North Padre Island and the surrounding resort community.

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
Whitecap WWTF Collection System	City of Corpus Christi	Publicly Owned	10,415

Section 4. Unbuilt Phases (Instructions Page 45)

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

☐ Yes ☒ No

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

☐ Yes ☐ No N/A

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

N/A

Section 5. Closure Plans (Instructions Page 45)

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

☐ Yes ☒ No

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

☐ Yes ☐ No N/A

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

N/A

Section 6. Permit Specific Requirements (Instructions Page 45)

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

A. Summary transmittal

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

☒ Yes ☐ No

If yes, provide the date(s) of approval for each phase: 9/11/1995

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

N/A

B. Buffer zones

Have the buffer zone requirements been met?

☒ Yes ☐ No

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

N/A

C. Other actions required by the current permit

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

☐ Yes ☒ No

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

N/A

D. Grit and grease treatment

1. Acceptance of grit and grease waste

Does the facility have a grit and/or grease processing facility onsite that treats and decants or accepts transported loads of grit and grease waste that are discharged directly to the wastewater treatment plant prior to any treatment?

☐ Yes ☒ No Separate grit or grease waste facility.

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 N/A

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 AZ20 or TXRNE

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

☐ Yes ☐ No N/A

3. *Conditional exclusion*

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

☐ Yes ☐ No N/A

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 N/A

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 N/A

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 N/A

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.
N/A

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

1. Acceptance of sludge from other WWTPs

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

☐ Yes ☒ No

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

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

N/A

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

2. Acceptance of septic waste

Is the facility accepting or will it accept septic waste?

☐ Yes ☒ No

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

☐ Yes ☐ No N/A

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

☐ Yes ☐ No N/A

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

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 50)

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). **W*ater treatment facilities*** discharging filter backwash water, complete Table 1.0(3). Provide copies of the laboratory results sheets. **These tables are not applicable for a minor amendment without renewal.** See the instructions for guidance.

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

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

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
$CBOD_5$, mg/l	1	2	13	Grab	10/1/2024-10/29/2024
Total Suspended Solids, mg/l	<2.5	<2.5	1	Compo-site	9/4/2024; 6:00 AM
Ammonia Nitrogen, mg/l	0.08	0.08	1	Compo-site	9/4/2024; 6:00 AM
Nitrate Nitrogen, mg/l	6.6	6.6	1	Compo-site	9/4/2024; 6:00 AM
Total Kjeldahl Nitrogen, mg/l	1.18	1.18	1	Compo-site	9/4/2024; 6:00 AM
Sulfate, mg/l	370	370	1	Compo-site	9/4/2024; 6:00 AM
Chloride, mg/l	898	898	1	Compo-site	9/4/2024; 6:00 AM
Total Phosphorus, mg/l	2.3	2.3	1	Compo-site	9/4/2024; 6:00 AM
pH, standard units	7.4	7.4	1	Grab	9/5/2024; 7:32 AM
Dissolved Oxygen*, mg/l	6.0	6.0	1	Grab	9/5/2024; 7:32 AM
Chlorine Residual, mg/l	N/A				
E.coli (CFU/100ml) freshwater	N/A				
Entercocci (CFU/100ml) saltwater	<1	<1	1	Grab	9/5/24; 7:20 AM
Total Dissolved Solids, mg/l	1914	1914	1	Compo-site	9/4/2024; 6:00 AM
Electrical Conductivity, µmohs/cm, †	N/A				
Oil & Grease, mg/l	1.5	1.5	1	Grab	9/5/2024; 7:20 AM
Alkalinity ($CaCO_3$)*, mg/l	110	110	1	Grab	9/4/2024; 6:00 AM

*TPDES permits only
†TLAP permits only

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

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

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

Section 8. Facility Operator (Instructions Page 50)

Facility Operator Name: See Attachment J

Facility Operator's License Classification and Level: See Attachment J

Facility Operator's License Number: See Attachment J

Section 9. Sludge and Biosolids Management and Disposal (Instructions Page 51)

A. WWTP's 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 Biosolids Treatment Process

Check all that apply. See instructions for guidance.

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

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

☐ Sludge Lagoon

☐ Temporary Storage (< 2 years)

☐ Long Term Storage (>= 2 years)

☐ Methane or Biogas Recovery

☐ Other Treatment Process:

C. Biosolids Management

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

Biosolids Management

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

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

D. Disposal site

Disposal site name: City of Corpus Christi Cefe Venezuela Landfill

TCEQ permit or registration number: MSW Permit No. 2269

County where disposal site is located: Nueces

E. Transportation method

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

Name of the hauler: City of Corpus Christi

Hauler registration number: 21970

Sludge is transported as a:

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

Section 10. Permit Authorization for Sewage Sludge Disposal (Instructions Page 53)

A. Beneficial use authorization

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

☐ Yes ☒ No

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

☐ Yes ☐ No N/A

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

☐ Yes ☐ No N/A

B. Sludge processing authorization

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

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

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

☐ Yes ☐ No

Section 11. Sewage Sludge Lagoons (Instructions Page 53)

Does this facility include sewage sludge lagoons?

☐ Yes ☒ No

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

A. Location information

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

- Original General Highway (County) Map:

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

  Attachment: N/A
- Federal Emergency Management Map:

  Attachment: N/A
- Site map:

  Attachment: N/A

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

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

Attachment: N/A

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

N/A

B. Temporary storage information

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

Nitrate Nitrogen, mg/kg: N/A

Total Kjeldahl Nitrogen, mg/kg: N/A

Total Nitrogen (=nitrate nitrogen + TKN), mg/kg: N/A

Phosphorus, mg/kg: N/A

Potassium, mg/kg: N/A

pH, standard units: N/A

Ammonia Nitrogen mg/kg: N/A

Arsenic: N/A

Cadmium: N/A

Chromium: N/A

Copper: N/A

Lead: N/A

Mercury: N/A

Molybdenum: N/A

Nickel: N/A

Selenium: N/A

Zinc: N/A

Total PCBs: N/A

Provide the following information:

Volume and frequency of sludge to the lagoon(s): N/A

Total dry tons stored in the lagoons(s) per 365-day period: N/A

Total dry tons stored in the lagoons(s) over the life of the unit: N/A

C. Liner information

Does the active/proposed sludge lagoon(s) have a liner with a maximum hydraulic conductivity of $1x10^{-7}$ cm/sec?

☐ Yes ☐ No N/A

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

N/A

D. Site development plan

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

N/A

Attach the following documents to the application.

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

  Attachment: N/A
- Copy of the closure plan

  Attachment: N/A
- Copy of deed recordation for the site

  Attachment: N/A
- Size of the sludge lagoon(s) in surface acres and capacity in cubic feet and gallons

  Attachment: N/A
- Description of the method of controlling infiltration of groundwater and surface water from entering the site

  Attachment: N/A
- Procedures to prevent the occurrence of nuisance conditions

  Attachment: N/A

E. Groundwater monitoring

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

☐ Yes ☐ No N/A

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

Attachment: N/A

Section 12. Authorizations/Compliance/Enforcement (Instructions Page 55)

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:

R10401009 reuse authorization.

B. Permittee enforcement status

Is the permittee currently under enforcement for this facility?

☐ Yes ☒ No

Is the permittee required to meet an implementation schedule for compliance or enforcement?

☐ Yes ☒ No

If yes to either question, provide a brief summary of the enforcement, the implementation schedule, and the current status:

N/A

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

A. RCRA hazardous wastes

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

☐ Yes ☒ No

B. Remediation activity wastewater

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

☐ Yes ☒ No

C. Details about wastes received

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

Attachment: N/A

Section 14. Laboratory Accreditation (Instructions Page 56)

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: Drew Molly, P.E.

Title: Chief Operating Officer, City of Corpus Christi

Signature: _____

Date: 4/4/25

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 2.0: RECEIVING WATERS

The following information is required for all TPDES permit applications.

Section 1. Domestic Drinking Water Supply (Instructions Page 64)

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

☐ Yes ☒ No

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

Owner of the drinking water supply: N/A

Distance and direction to the intake: N/A

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

Attachment: N/A

Section 2. Discharge into Tidally Affected Waters (Instructions Page 64)

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: 150

B. Oyster waters

Are there oyster waters in the vicinity of the discharge?

☐ Yes ☒ No

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

N/A

C. Sea grasses

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

☒ Yes ☐ No

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

Seagrass beds are located west of the Gulf Intracoastal Waterway, 0.54 miles west of the outfall.

Section 3. Classified Segments (Instructions Page 64)

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 65)

Name of the immediate receiving waters: N/A

A. Receiving water type

Identify the appropriate description of the receiving waters.

☐ Stream

☐ Freshwater Swamp or Marsh

☐ Lake or Pond

Surface area, in acres:

Average depth of the entire water body, in feet:

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

☐ Man-made Channel or Ditch

☐ Open Bay

☐ Tidal Stream, Bayou, or Marsh

☐ Other, specify:

B. Flow characteristics

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

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

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

☐ Perennial - normally flowing

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

☐ USGS flow records

☐ Historical observation by adjacent landowners

☐ Personal observation

☐ Other, specify:

C. Downstream perennial confluences

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

N/A

D. Downstream characteristics

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

☐ Yes ☐ No

If yes, discuss how.

N/A

E. Normal dry weather characteristics

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

N/A

Date and time of observation: N/A

Was the water body influenced by stormwater runoff during observations?

☐ Yes ☐ No

Section 5. General Characteristics of the Waterbody (Instructions Page 66)

A. Upstream influences

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

☐ Oil field activities
☐ Upstream discharges
☐ Septic tanks
☐ Urban runoff
☐ Agricultural runoff
☐ Other(s), specify:

B. Waterbody uses

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

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

C. Waterbody aesthetics

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

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

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 4.0: POLLUTANT ANALYSIS REQUIREMENTS

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

This worksheet is not required minor amendments without renewal.

Section 1. Toxic Pollutants (Instructions Page 78)

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

Grab ☒ Composite ☒

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

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	<0.01	<0.01	1	0.01
Aluminum	13	13	1	2.5
Anthracene	<10	<10	1	10
Antimony	<5	<5	1	5
Arsenic	3.6	3.6	1	0.5
Barium	78	78	1	3
Benzene	<10	<10	1	10
Benzidine	<50	<50	1	50
Benzo(a)anthracene	<5	<5	1	5
Benzo(a)pyrene	<5	<5	1	5
Bis(2-chloroethyl)ether	<10	<10	1	10
Bis(2-ethylhexyl)phthalate	<10	<10	1	10
Bromodichloromethane	<10	<10	1	10
Bromoform	<10	<10	1	10
Cadmium	<1	<1	1	1
Carbon Tetrachloride	<2	<2	1	2
Carbaryl	<5	<5	1	5
Chlordane*	<0.2	<0.2	1	0.2
Chlorobenzene	<10	<10	1	10
Chlorodibromomethane	<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	<0.05	<0.05	1	0.05
Chromium (Total)	<3	<3	1	3
Chromium (Tri) **(*1)**	<3	<3	1	N/A
Chromium (Hex)	<3	<3	1	3
Copper	11.08	13	5	2
Chrysene	<5	<5	1	5
p-Chloro-m-Cresol	<10	<10	1	10
4,6-Dinitro-o-Cresol	<50	<50	1	50
p-Cresol	<10	<10	1	10
Cyanide **(*2)**	<10	<10	1	10
4,4'- DDD	<0.1	<0.1	1	0.1
4,4'- DDE	<0.1	<0.1	1	0.1
4,4'- DDT	<0.02	<0.02	1	0.02
2,4-D	<0.7	<0.7	1	0.7
Demeton (O and S)	<0.2	<0.2	1	0.20
Diazinon	<0.1	<0.1	1	0.5/0.1
1,2-Dibromoethane	<10	<10	1	10
m-Dichlorobenzene	<10	<10	1	10
o-Dichlorobenzene	<10	<10	1	10
p-Dichlorobenzene	<10	<10	1	10
3,3'-Dichlorobenzidine	<5	<5	1	5
1,2-Dichloroethane	<10	<10	1	10
1,1-Dichloroethylene	<10	<10	1	10
Dichloromethane	<20	<20	1	20
1,2-Dichloropropane	<10	<10	1	10
1,3-Dichloropropene	<10	<10	1	10
Dicofol	<1	<1	1	1
Dieldrin	<0.02	<0.02	1	0.02
2,4-Dimethylphenol	<10	<10	1	10
Di-n-Butyl Phthalate	<10	<10	1	10
Diuron	<0.09	<0.09	1	0.09
Endosulfan I (alpha)	<0.01	<0.01	1	0.01

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Endosulfan II (beta)	<0.02	<0.02	1	0.02
Endosulfan Sulfate	<0.1	<0.1	1	0.1
Endrin	<0.02	<0.02	1	0.02
Ethylbenzene	<10	<10	1	10
Fluoride	1600	1600	1	500
Guthion	<0.1	<0.1	1	0.1
Heptachlor	<0.01	<0.01	1	0.01
Heptachlor Epoxide	<0.01	<0.01	1	0.01
Hexachlorobenzene	<5	<5	1	5
Hexachlorobutadiene	<10	<10	1	10
Hexachlorocyclohexane (alpha)	<0.05	<0.05	1	0.05
Hexachlorocyclohexane (beta)	<0.05	<0.05	1	0.05
gamma-Hexachlorocyclohexane (Lindane)	<0.05	<0.05	1	0.05
Hexachlorocyclopentadiene	<10	<10	1	10
Hexachloroethane	<10	<10	1	20
Hexachlorophene	<10	<10	1	10
Lead	<0.5	<0.5	1	0.5
Malathion	<0.1	<0.1	1	0.1
Mercury	<0.005	<0.005	1	0.005
Methoxychlor	<2	<2	1	2
Methyl Ethyl Ketone	<50	<50	1	50
Mirex	<0.02	<0.02	1	0.02
Nickel	3.1	3.1	1	2
Nitrate-Nitrogen	6600	6600	1	100
Nitrobenzene	<10	<10	1	10
N-Nitrosodiethylamine	<20	<20	1	20
N-Nitroso-di-n-Butylamine	<20	<20	1	20
Nonylphenol	<333	<333	1	333
Parathion (ethyl)	<0.1	<0.1	1	0.1
Pentachlorobenzene	<20	<20	1	20
Pentachlorophenol	<5	<5	1	5
Phenanthrene	<10	<10	1	10

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Polychlorinated Biphenyls (PCB's) **(*3)**	<0.2	<0.2	1	0.2
Pyridine	<20	<20	1	20
Selenium	7.6	7.6	1	5
Silver	<0.5	<0.5	1	0.5
1,2,4,5-Tetrachlorobenzene	<20	<20	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	<0.3	<0.3	1	0.3
2,4,5-TP (Silvex)	<0.3	<0.3	1	0.3
Tributyltin (see instructions for explanation)	N/A			0.01
1,1,1-Trichloroethane	<10	<10	1	10
1,1,2-Trichloroethane	<10	<10	1	10
Trichloroethylene	<10	<10	1	10
2,4,5-Trichlorophenol	<50	<50	1	50
TTHM (Total Trihalomethanes)	<10	<10	1	10
Vinyl Chloride	<10	<10	1	10
Zinc	29	29	1	5

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

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

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

Section 2. Priority Pollutants

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

Grab ☒ Composite ☒

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

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

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Antimony	<5	<5	1	5
Arsenic	3.6	3.6	1	0.5
Beryllium	<0.5	<0.5	1	0.5
Cadmium	<1	<1	1	1
Chromium (Total)	<3	<3	1	3
Chromium (Hex)	<3	<3	1	3
Chromium (Tri) **(*1)**	<3	<3	1	N/A
Copper	11.08	13	5	2
Lead	<0.5	<0.5	1	0.5
Mercury	<0.005	<0.005	1	0.005
Nickel	3.1	3.1	1	2
Selenium	7.6	7.6	1	5
Silver	<0.5	<0.5	1	0.5
Thallium	<0.5	<0.5	1	0.5
Zinc	29	29	1	5
Cyanide **(*2)**	<10	<10	1	10
Phenols, Total	<10	<10	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	<50	<50	1	50
Acrylonitrile	<50	<50	1	50
Benzene	<10	<10	1	10
Bromoform	<10	<10	1	10
Carbon Tetrachloride	<2	<2	1	2
Chlorobenzene	<10	<10	1	10
Chlorodibromomethane	<10	<10	1	10
Chloroethane	<10	<10	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	<20	<20	1	20
1,1,2,2-Tetrachloroethane	<10	<10	1	10
Tetrachloroethylene	<10	<10	1	10
Toluene	<10	<10	1	10
1,1,1-Trichloroethane	<10	<10	1	10
1,1,2-Trichloroethane	<10	<10	1	10
Trichloroethylene	<10	<10	1	10
Vinyl Chloride	<10	<10	1	10

Table 4.0(2)C – Acid Compounds

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
2-Chlorophenol	<10	<10	1	10
2,4-Dichlorophenol	<10	<10	1	10
2,4-Dimethylphenol	<10	<10	1	10
4,6-Dinitro-o-Cresol	<50	<50	1	50
2,4-Dinitrophenol	<50	<50	1	50
2-Nitrophenol	<20	<20	1	20
4-Nitrophenol	<50	<50	1	50
P-Chloro-m-Cresol	<10	<10	1	10
Pentalchlorophenol	<5	<5	1	5
Phenol	<10	<10	1	10
2,4,6-Trichlorophenol	<10	<10	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	<10	<10	1	10
Acenaphthylene	<10	<10	1	10
Anthracene	<10	<10	1	10
Benzidine	<50	<50	1	50
Benzo(a)Anthracene	<5	<5	1	5
Benzo(a)Pyrene	<5	<5	1	5
3,4-Benzofluoranthene	<10	<10	1	10
Benzo(ghi)Perylene	<20	<20	1	20
Benzo(k)Fluoranthene	<5	<5	1	5
Bis(2-Chloroethoxy)Methane	<10	<10	1	10
Bis(2-Chloroethyl)Ether	<10	<10	1	10
Bis(2-Chloroisopropyl)Ether	<10	<10	1	10
Bis(2-Ethylhexyl)Phthalate	<10	<10	1	10
4-Bromophenyl Phenyl Ether	<10	<10	1	10
Butyl benzyl Phthalate	<10	<10	1	10
2-Chloronaphthalene	<10	<10	1	10
4-Chlorophenyl phenyl ether	<10	<10	1	10
Chrysene	<5	<5	1	5
Dibenzo(a,h)Anthracene	<5	<5	1	5
1,2-(o)Dichlorobenzene	<10	<10	1	10
1,3-(m)Dichlorobenzene	<10	<10	1	10
1,4-(p)Dichlorobenzene	<10	<10	1	10
3,3-Dichlorobenzidine	<5	<5	1	5
Diethyl Phthalate	<10	<10	1	10
Dimethyl Phthalate	<10	<10	1	10
Di-n-Butyl Phthalate	<10	<10	1	10
2,4-Dinitrotoluene	<10	<10	1	10
2,6-Dinitrotoluene	<10	<10	1	10
Di-n-Octyl Phthalate	<10	<10	1	10
1,2-Diphenylhydrazine (as Azo-benzene)	<20	<20	1	20
Fluoranthene	<10	<10	1	10

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Fluorene	<10	<10	1	10
Hexachlorobenzene	<5	5	1	5
Hexachlorobutadiene	<10	<10	1	10
Hexachlorocyclo-pentadiene	<10	<10	1	10
Hexachloroethane	<20	<20	1	20
Indeno(1,2,3-cd)pyrene	<5	<5	1	5
Isophorone	<10	<10	1	10
Naphthalene	<10	<10	1	10
Nitrobenzene	<10	<10	1	10
N-Nitrosodimethylamine	<50	<50	1	50
N-Nitrosodi-n-Propylamine	<20	<20	1	20
N-Nitrosodiphenylamine	<20	<20	1	20
Phenanthrene	<10	<10	1	10
Pyrene	<10	<10	1	10
1,2,4-Trichlorobenzene	<10	<10	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	<0.01	<0.01	1	0.01
alpha-BHC (Hexachlorocyclohexane)	<0.05	<0.05	1	0.05
beta-BHC (Hexachlorocyclohexane)	<0.05	<0.05	1	0.05
gamma-BHC (Hexachlorocyclohexane)	<0.05	<0.05	1	0.05
delta-BHC (Hexachlorocyclohexane)	<0.05	<0.05	1	0.05
Chlordane	<0.2	<0.2	1	0.2
4,4-DDT	<0.02	<0.02	1	0.02
4,4-DDE	<0.1	<0.1	1	0.1
4,4,-DDD	<0.1	<0.1	1	0.1
Dieldrin	<0.02	<0.02	1	0.02
Endosulfan I (alpha)	<0.01	<0.01	1	0.01
Endosulfan II (beta)	<0.02	<0.02	1	0.02
Endosulfan Sulfate	<0.1	<0.1	1	0.1
Endrin	<0.02	<0.02	1	0.02
Endrin Aldehyde	<0.1	<0.1	1	0.1
Heptachlor	<0.01	<0.01	1	0.01
Heptachlor Epoxide	<0.01	<0.01	1	0.01
PCB-1242	<0.2	<0.2	1	0.2
PCB-1254	<0.2	<0.2	1	0.2
PCB-1221	<0.2	<0.2	1	0.2
PCB-1232	<0.2	<0.2	1	0.2
PCB-1248	<0.2	<0.2	1	0.2
PCB-1260	<0.2	<0.2	1	0.2
PCB-1016	<0.2	<0.2	1	0.2
Toxaphene	<0.3	<0.3	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.

N/A

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

☐ Yes ☒ No

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

N/A

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

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

Grab ☐ Composite ☐

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

Table 4.0(2)F – Dioxin/Furan Compounds

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

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 5.0: TOXICITY TESTING REQUIREMENTS

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

This worksheet is not required minor amendments without renewal.

Section 1. Required Tests (Instructions Page 88)

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: See Attachment K

48-hour Acute: See Attachment K

Section 2. Toxicity Reduction Evaluations (TREs)

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

☐ Yes ☒ No

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

N/A

Section 3. Summary of WET Tests

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

Table 5.0(1) Summary of WET Tests

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

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 89)

A. Industrial users (IUs)

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

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

Categorical IUs:

Number of IUs: 0

Average Daily Flows, in MGD: 0

Significant IUs – non-categorical:

Number of IUs: 0

Average Daily Flows, in MGD: 0

Other IUs:

Number of IUs: 0

Average Daily Flows, in MGD: 0

B. Treatment plant interference

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

☐ Yes ☒ No

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

N/A

C. Treatment plant pass through

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

☐ Yes ☒ No

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

N/A

D. Pretreatment program

Does your POTW have an approved pretreatment program?

☒ Yes ☐ No

If yes, complete Section 2 only of this Worksheet.

Is your POTW required to develop an approved pretreatment program?

☐ Yes ☒ No

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

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

Section 2. POTWs with Approved Programs or Those Required to Develop a Program (Instructions Page 90)

A. Substantial modifications

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

☐ Yes ☒ No

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

N/A

B. Non-substantial modifications

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

☐ Yes ☒ No

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

N/A

C. Effluent parameters above the MAL

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

Table 6.0(1) – Parameters Above the MAL

Pollutant	Concentration	MAL	Units	Date
N/A – No Industrial Users				

D. Industrial user interruptions

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

☐ Yes ☒ No

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

N/A

Section 3. Significant Industrial User (SIU) Information and Categorical Industrial User (CIU) (Instructions Page 90)

A. General information

Company Name: N/A

SIC Code: N/A

Contact name: N/A

Address: N/A

City, State, and Zip Code: N/A

Telephone number: N/A

Email address: N/A

B. Process information

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

N/A

C. Product and service information

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

N/A

D. Flow rate information

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

Process Wastewater:

Discharge, in gallons/day: N/A

Discharge Type: ☐ Continuous ☐ Batch ☐ Intermittent

Non-Process Wastewater:

Discharge, in gallons/day: N/A

Discharge Type: ☐ Continuous ☐ Batch ☐ Intermittent

E. Pretreatment standards

Is the SIU or CIU subject to technically based local limits as defined in the *i*nstructions?

☐ Yes ☐ No

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: N/A

Subcategories: N/A

Category: N/A

Subcategories: N/A

Category: N/A

Subcategories: N/A

Category: N/A

Subcategories: N/A

Category: N/A

Subcategories: N/A

F. Industrial user interruptions

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

☐ Yes ☐ No

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

N/A

CITY OF CORPUS CHRISTI
WHITECAP WASTEWATER TREATMENT FACILITY
TPDES PERMIT RENEWAL APPLICATION

TABLE OF ATTACHMENTS

ATTACHMENT A

Core Data Form
Admin Rpt 1.0, Section 3.C

TCEQ Use Only

TCEQ Core Data Form

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

SECTION I: General Information

1. Reason for Submission (*If other is checked please describe in space provided.*)

☐ New Permit, Registration or Authorization (*Core Data Form should be submitted with the program application.*)

☒ Renewal *(Core Data Form should be submitted with the renewal form)*

☐ Other

2. Customer Reference Number *(if issued)*	Follow this link to search for CN or RN numbers in Central Registry**	**3. Regulated Entity Reference Number** *(if issued)*
CN 600131858		**RN 101609782**

SECTION II: Customer Information

4. General Customer Information | **5. Effective Date for Customer Information Updates** (mm/dd/yyyy)

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

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

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

City of Corpus Christi

7. TX SOS/CPA Filing Number	**8. TX State Tax ID** (11 digits)	**9. Federal Tax ID** (9 digits)	**10. DUNS Number** *(if applicable)*

11. Type of Customer:

☐ Corporation ☐ Individual Partnership: ☐ General ☐ Limited
Government: ☒ City ☐ County ☐ Federal ☐ Local ☐ State ☐ Other ☐ Sole Proprietorship ☐ Other:

12. Number of Employees

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

13. Independently Owned and Operated?

☐ **Yes** ☒ **No**

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

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

15. Mailing Address:

P.O. Box 9277

City	Corpus Christi	**State**	TX	**ZIP**	78469	**ZIP + 4**	9277

16. Country Mailing Information *(if outside USA)*	**17. E-Mail Address** *(if applicable)*
	drewm@cctexas.com

18. Telephone Number	19. Extension or Code	20. Fax Number *(if applicable)*
(361) 826-3278		( ) -

SECTION III: Regulated Entity Information

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

☐ New Regulated Entity ☐ Update to Regulated Entity Name ☐ Update to Regulated Entity Information

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

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

Whitecap Wastewater Treatment Facility

23. Street Address of the Regulated Entity: ***(No PO Boxes)***	13409 Whitecap Blvd							
	City	Corpus Christi	**State**	TX	**ZIP**	78418	**ZIP + 4**	7008
24. County								

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

25. Description to Physical Location:					
26. Nearest City			**State**		**Nearest ZIP Code**

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

27. Latitude (N) In Decimal:	27.602775		**28. Longitude (W) In Decimal:**	-97.250004	
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.)*

34. Mailing Address:	**2726 Holly Road**							
	City	**Corpus Christi**	**State**	**TX**	**ZIP**	**78415**	**ZIP + 4**	**4112**
35. E-Mail Address:	**drewm@cctexas.com**							

36. Telephone Number	**37. Extension or Code**	**38. Fax Number** *(if applicable)*
(361) 826-1806		**(361) 826-4343**

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

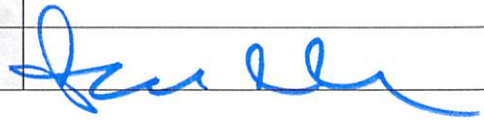
☐ Dam Safety	☐ Districts	☐ Edwards Aquifer	☐ Emissions Inventory Air	☐ Industrial Hazardous Waste
☐ Municipal Solid Waste	☐ New Source Review Air	☐ OSSF	☐ Petroleum Storage Tank	☐ PWS
☐ Sludge	☐ Storm Water	☐ Title V Air	☐ Tires	☐ Used Oil
☐ Voluntary Cleanup	☒ Wastewater	☐ Wastewater Agriculture	☐ Water Rights	☐ Other:
	WQ0010401006			

SECTION IV: Preparer Information

40. Name:	Alexandra Garoutte		41. Title:	Scientist in Training II
42. Telephone Number	**43. Ext./Code**	**44. Fax Number**	**45. E-Mail Address**	
(512) 452-5905		( ) -	ahughes@plummer.com	

SECTION V: Authorized Signature

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

Company:	Corpus Christi Water	Job Title:	Chief Operating Officer	
Name *(In Print)*:	Drew Molly		Phone:	(361) 826- 3278
Signature:			Date:	4/4/25

ATTACHMENT B

Plain Language Summary
Admin Rpt 1.0, Section 8.F

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

PLAIN LANGUAGE SUMMARY FOR TPDES OR TLAP PERMIT APPLICATIONS

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

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

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

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

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

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

The City of Corpus Christi (CN600131858) operates Whitecap Wastewater Treatment Facility (RN101609782), an activated sludge facility. The facility is located at 13409 Whitecap Boulevard, in Corpus Christi, Nueces County, Texas 78418. This application is for a renewal to discharge treated domestic wastewater at an annual average flow of 2,500,000 gallons per day.

Discharges from the facility are expected to contain biochemical oxygen demand, total suspended solids, and *Enterococci*. Domestic wastewater is treated by a mechanical bar screen, two aeration basins, four aerobic digesters, two clarifiers, and two UV disinfection chambers.

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

AGUAS RESIDUALES DOMESTICAS /AGUAS PLUVIALES

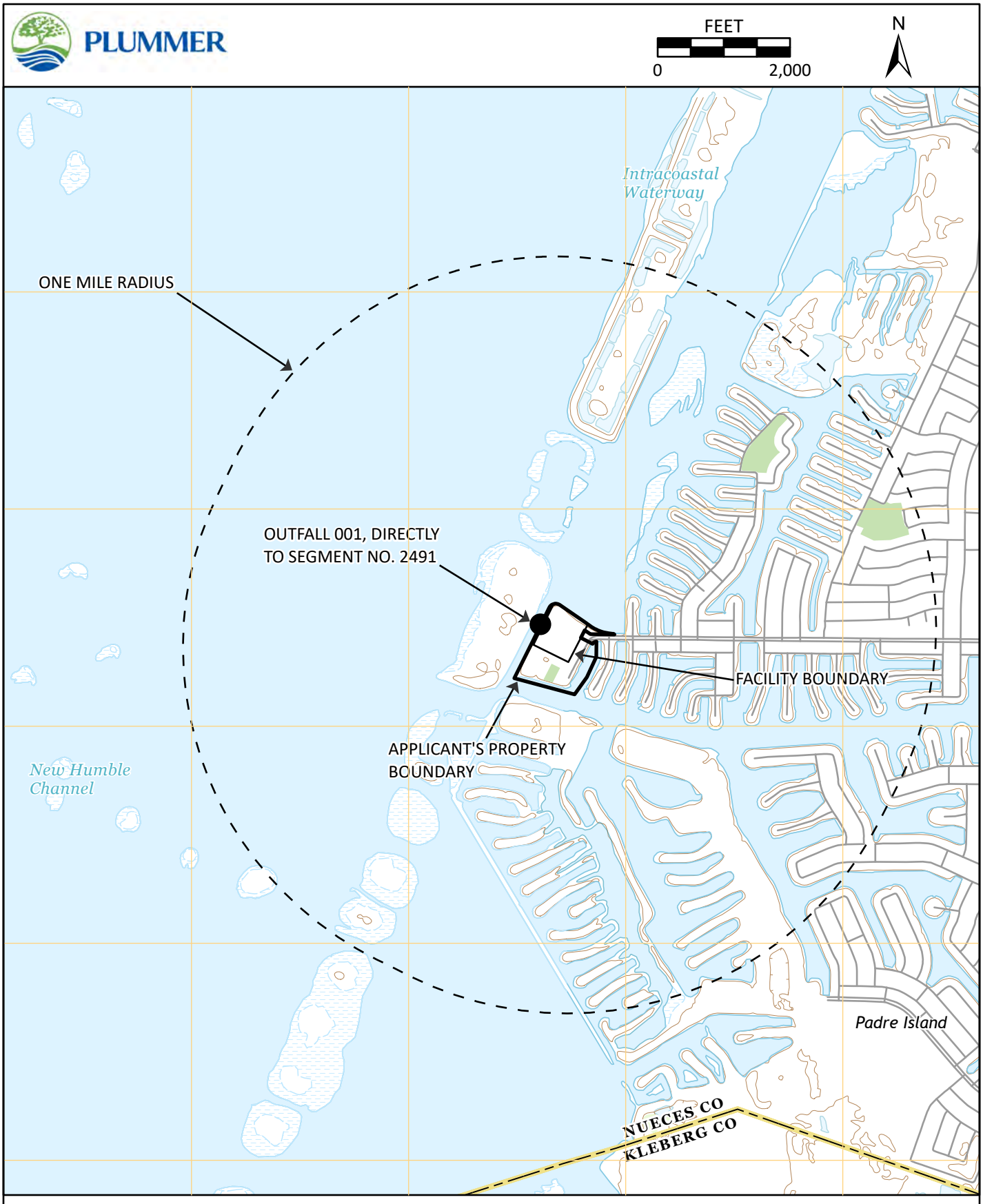
El siguiente resumen se proporciona para esta solicitud de permiso de calidad del agua pendiente que está siendo revisada por la Comisión de Calidad Ambiental de Texas según lo requerido por el Capítulo 39 del Código Administrativo de Texas 30. La información proporcionada en este resumen puede cambiar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

La Ciudad de Corpus Christi (CN600131858) opera la instalación de tratamiento de aguas residuales de Whitecap (RN101609782), una instalación de lodos activados. La instalación está ubicada en 13409 Whitecap Boulevard, en Corpus Christi, Condado de Nueces, Texas 78418. This application is for a renewal to discharge treated domestic wastewater at an annual average flow of 2,500,000 gallons per day.

Se espera que las descargas de la instalación contengan demanda bioquímica de oxígeno, sólidos suspendidos totales y *Enterococos*. Aguas residuales domésticas está tratado por una reja mecánica, dos cubetas de aireación, cuatro digestores aeróbicos, dos clarificadores y dos cámaras de desinfección UV.

ATTACHMENT C

USGS Map
Admin Rpt 1.0, Section 13



ATTACHMENT C
CITY OF CORPUS CHRISTI
WHITECAP WASTEWATER TREATMENT FACILITY
TPDES PERMIT RENEWAL APPLICATION
USGS MAP

TEXAS REGISTERED ENGINEERING FIRM F-13
Z:\Shared\Projects\Water\0537\062-01\05 Project Work\03 GIS\WHITECAP ATTACHMENTS\WHITECAP ATTACHMENTS.aprx Jgriesel

ATTACHMENT D

Supplemental Permit Information Form
SPIF

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

FOR AGENCIES REVIEWING DOMESTIC OR INDUSTRIAL TPDES WASTEWATER PERMIT APPLICATIONS

TCEQ USE ONLY:

Application type: ____Renewal ____Major Amendment ____Minor Amendment ____New

County: _____ Segment Number: _____

Admin Complete Date: _____

Agency Receiving SPIF:

_____ Texas Historical Commission _____ U.S. Fish and Wildlife

_____ Texas Parks and Wildlife Department _____ U.S. Army Corps of Engineers

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

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

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

The following applies to all applications:

1. Permittee: City of Corpus Christi

   Permit No. WQ00 10401009 EPA ID No. TX 0047121

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

   13409 Whitecap Boulevard, Corpus Christi, Nueces County, Texas 78418

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: Earl Richardson

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

Title: Wastewater Treatment Plant Manager

Mailing Address: 2726 Holly Road

City, State, Zip Code: Corpus Christi, TX 78415

Phone No.: (361) 826-1848 Ext.: N/A Fax No.: N/A

E-mail Address: earlri@cctexas.gov

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

N/A – Property owner and permittee are the same entity.

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

Via Outfall 001 directly to Laguna Madre in Segment No. 2491 of the Bays and Estuaries.

5. Please provide a separate 7.5-minute USGS quadrangle map with the project boundaries plotted and a general location map showing the project area. Please highlight the discharge route from the point of discharge for a distance of one mile downstream. (This map is required in addition to the map in the administrative report). See SPIF 1 and SPIF 2

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

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

- ☐ 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 are those typical of a wastewater treatment facility.

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:

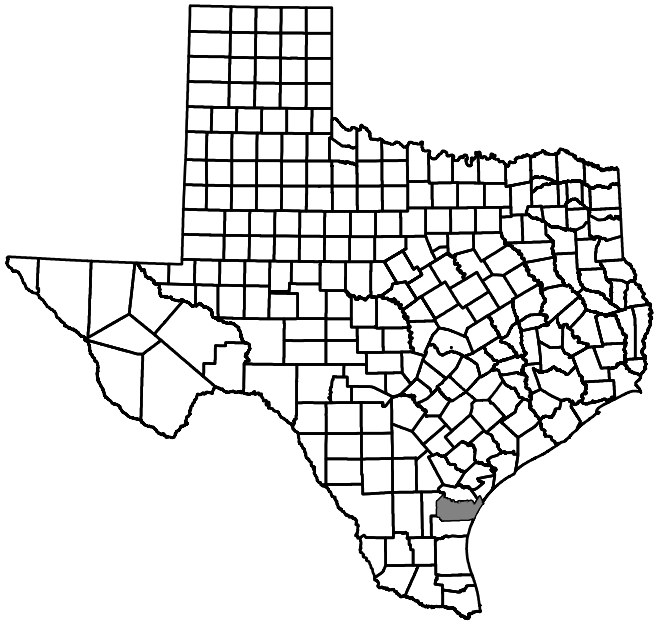
N/A

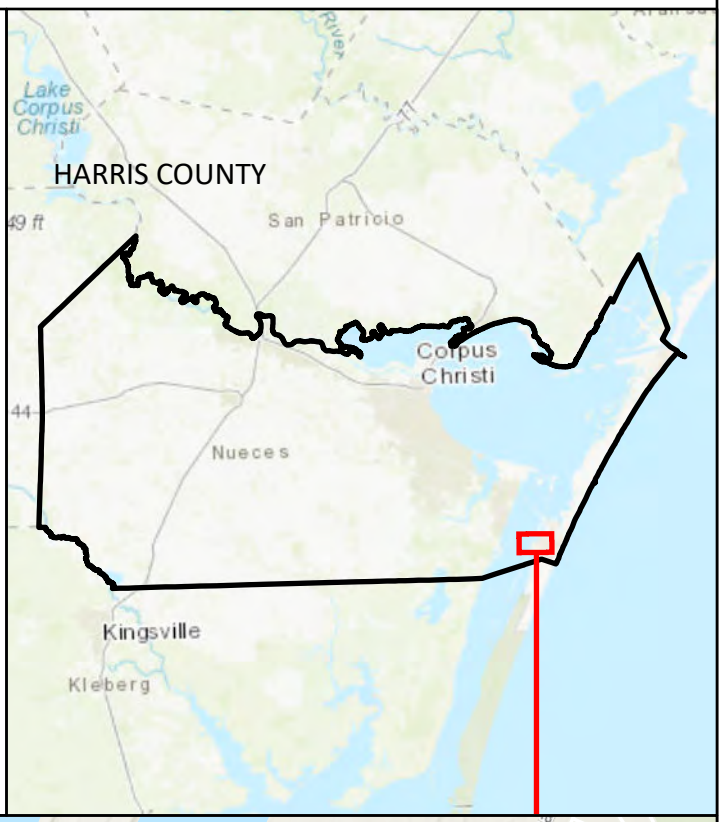
4. Provide a brief history of the property, and name of the architect/builder, if known.

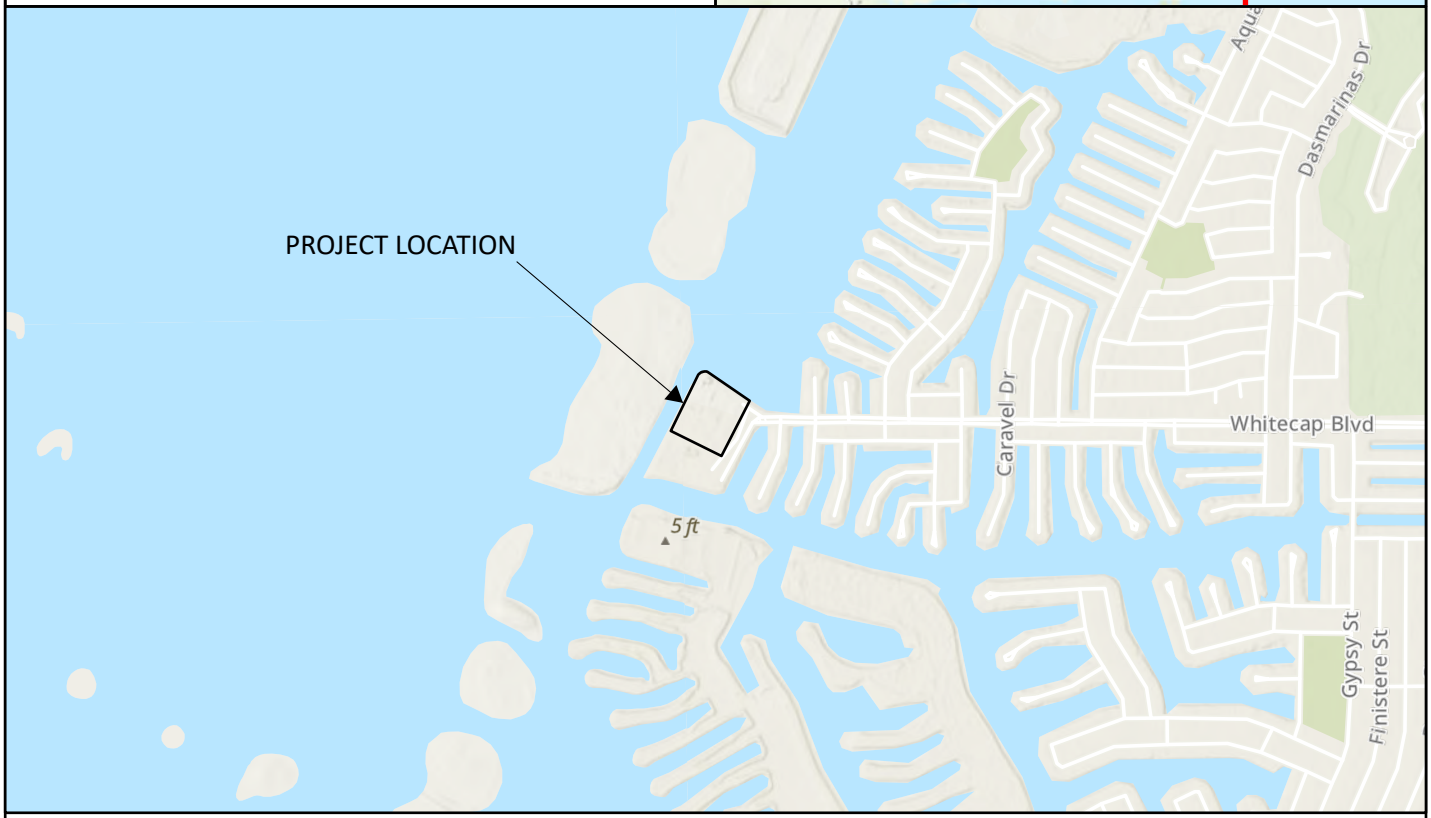
N/A

PLUMMER

N







SPIF 1
CITY OF CORPUS CHRISTI
WHITECAP WASTEWATER TREATMENT FACILITY
TPDES PERMIT RENEWAL APPLICATION
GENERAL LOCATION MAP

TEXAS REGISTERED ENGINEERING FIRM F-13
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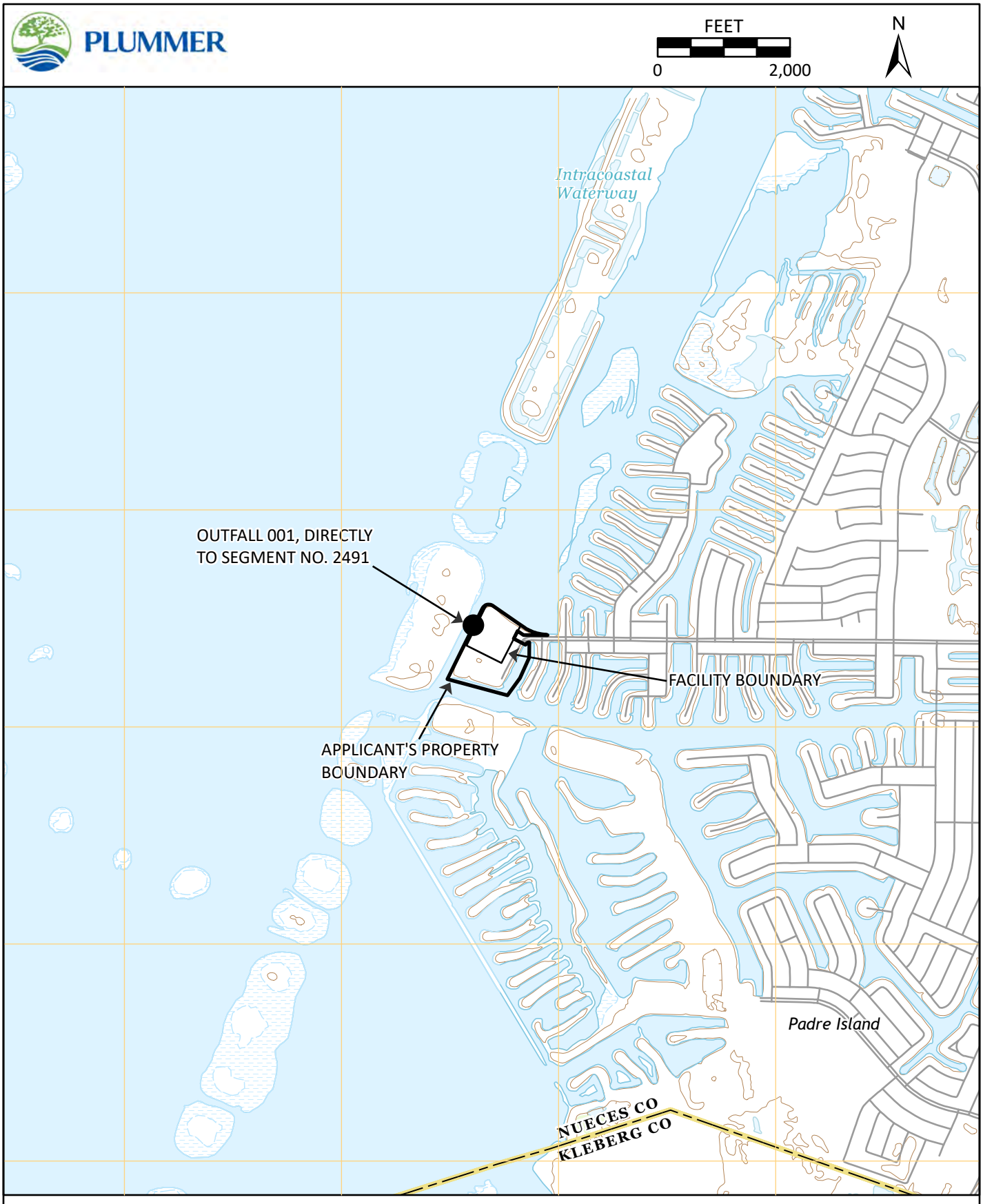

SPIF 2
CITY OF CORPUS CHRISTI
WHITECAP WASTEWATER TREATMENT FACILITY
TPDES PERMIT RENEWAL APPLICATION
USGS MAP

TEXAS REGISTERED ENGINEERING FIRM F-13
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ATTACHMENT E

Treatment Process Description
Tech Rpt 1.0, Section 2.A

ATTACHMENT E
CITY OF CORPUS CHRISTI
WHITECAP WASTEWATER TREAMENT FACILITY
TPDES PERMIT RENEWAL APPLICATION
TREATMENT PROCESS DESCRIPTION

Whitecap Wastewater Treatment Facility (WWTF) is an activated sludge facility treating domestic wastewater generated from the City of Corpus Christi. The WWTF receives raw wastewater at the influent lift station, and it is passed through a bar screen and gravity fed to a wet well at the pump station. The pump station lifts the wastewater to aeration basins where air is introduced to wastewater. Wastewater flow is then directed to two clarifiers. Wastewater from the clarifiers is passed through an ultraviolet (UV) disinfection system. After disinfection, wastewater is then discharged through a channel and outfall to Laguna Madre.

Activated sludge is passed through a recirculation pump at the aeration basins and then transferred to sludge tanks from the aeration basins. Wastewater sludge is stabilized in aerobic digesters and is then transferred to a belt filter press for dewatering. Alternatively, sludge drying beds are used when there is higher demand. Processed sludge is then hauled to a sanitary landfill for disposal.

ATTACHMENT F

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

ATTACHMENT F
CITY OF CORPUS CHRISTI
WHITECAP WASTEWATER TREAMENT FACILITY
TPDES PERMIT RENEWAL APPLICATION
LIST OF TREATMENT UNITS

Treatment Unit Type	Number of Units	Dimensions (L x W x D)
Mechanical Bar Screen	1	4'x4' with ½" openings
Aeration Basins	2	75'-9" x19' x17'-9"
Aerobic Digesters	4	2(20'x17'x14') 2(35'x34'x14')
Clarifiers	2	70' diameter
UV Disinfection Chambers	2	4 modules each
Belt Press	1	6.5' width
Sludge Drying Beds	8	35' x 50' x 2'

ATTACHMENT G

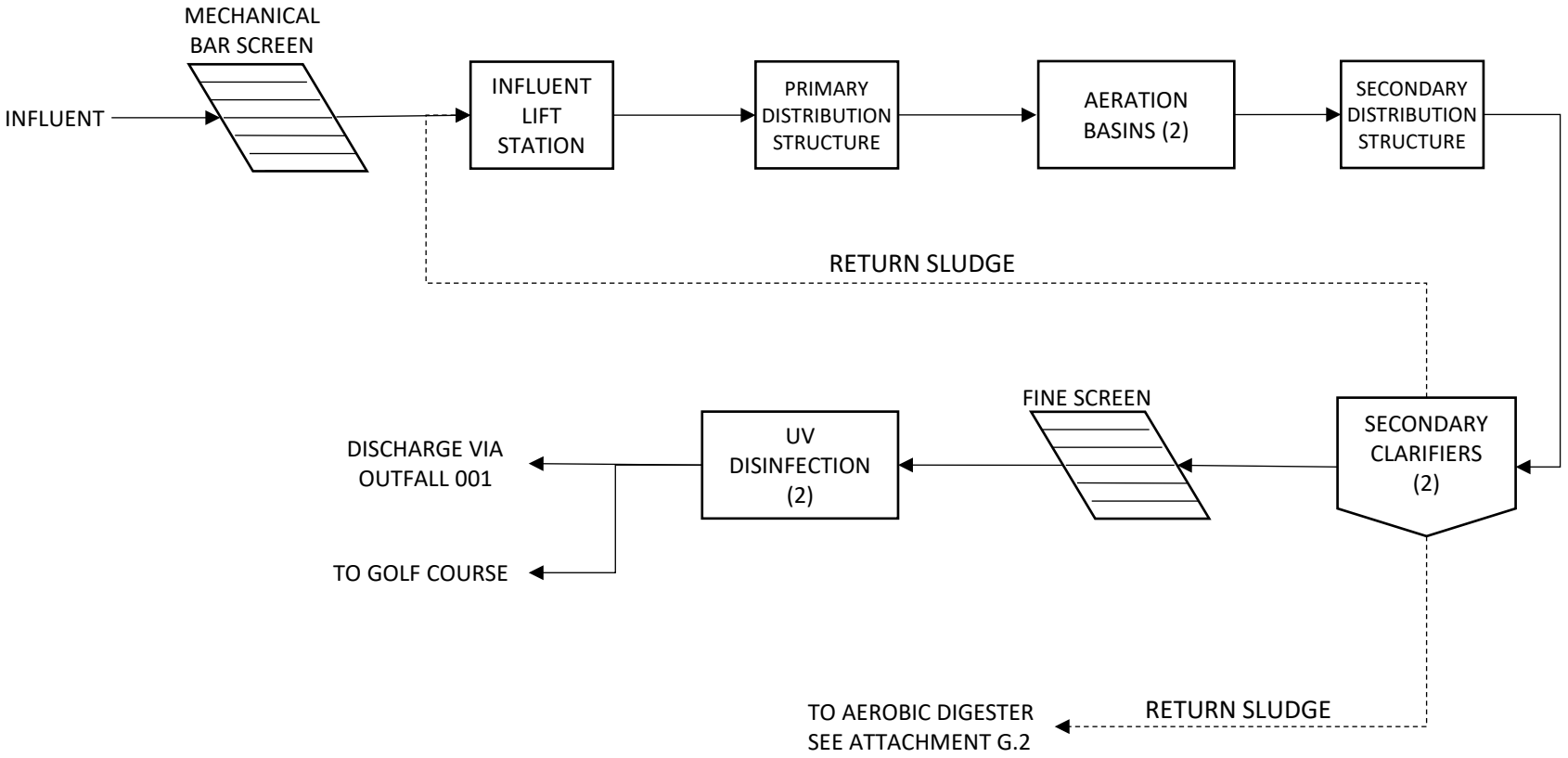
Process Flow Diagram
Tech Rpt 1.0, Section 2.C

PLUMMER

LEGEND

FLOW STREAM, LIQUIDS

FLOW STREAM, SOLIDS



ATTACHMENT G.1
CITY OF CORPUS CHRISTI
WHITECAP WASTEWATER TREATMENT FACILITY
TPDES PERMIT RENEWAL APPLICATION
PROCESS FLOW DIAGRAM – LIQUID PROCESS

TEXAS REGISTERED ENGINEERING FIRM F-13
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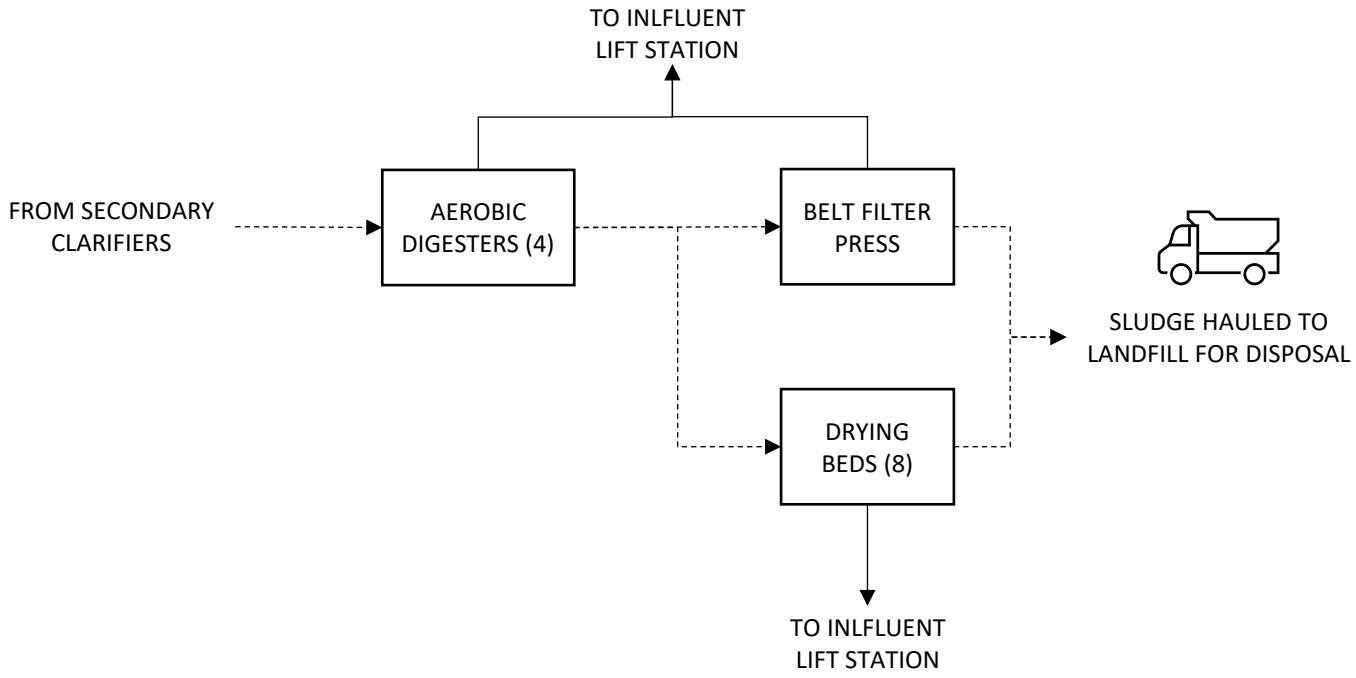
PLUMMER

LEGEND

FLOW STREAM, LIQUIDS

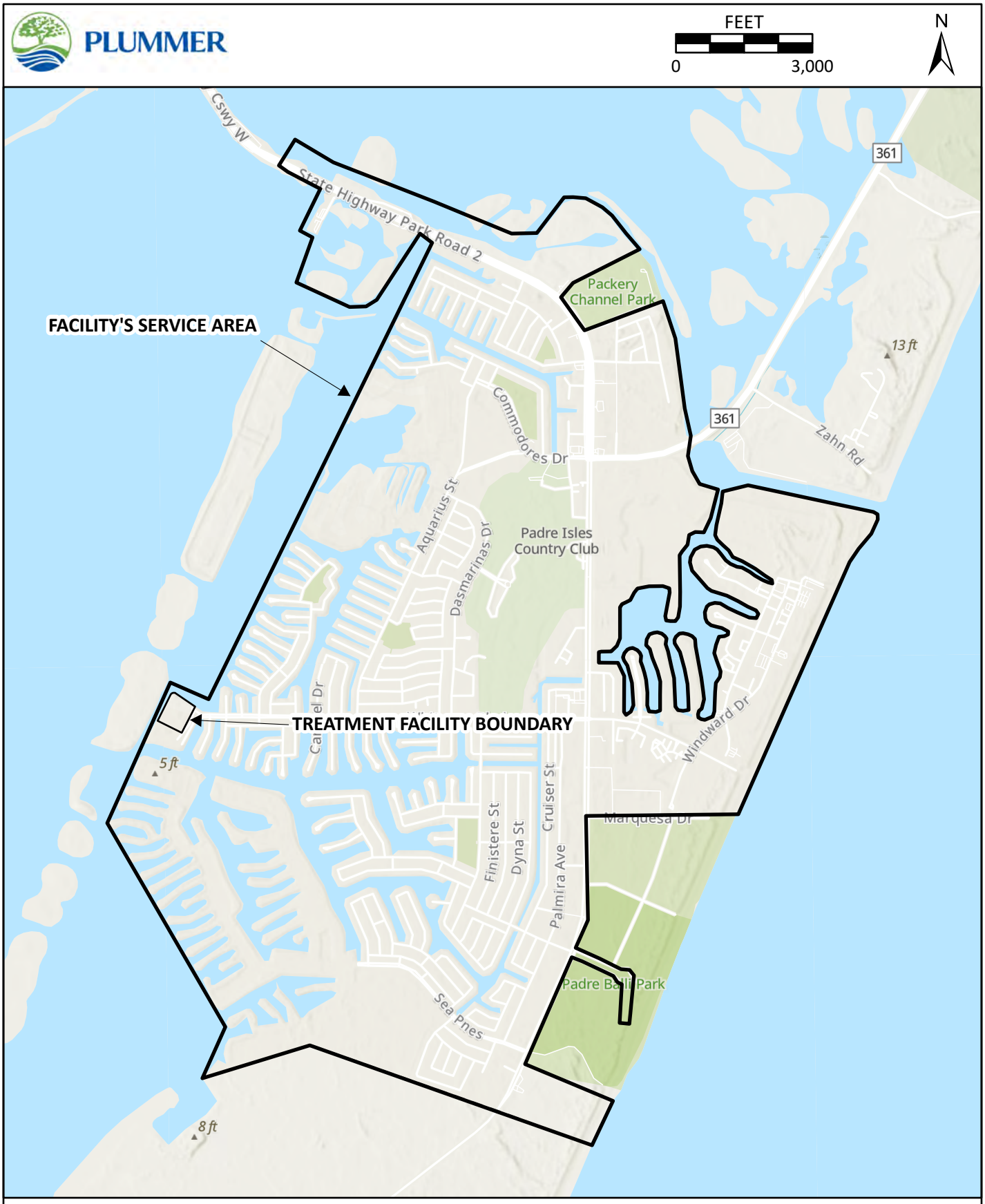
FLOW STREAM, SOLIDS



ATTACHMENT G.2
CITY OF CORPUS CHRISTI
WHITECAP WASTEWATER TREATMENT FACILITY
TPDES PERMIT RENEWAL APPLICATION
PROCESS FLOW DIAGRAM – SOLIDS PROCESS

ATTACHMENT H

Site Drawing
Tech Rpt 1.0, Section 3



ATTACHMENT H
CITY OF CORPUS CHRISTI
WHITECAP WASTEWATER TREATMENT FACILITY
TPDES PERMIT RENEWAL APPLICATION
SITE DRAWING

TEXAS REGISTERED ENGINEERING FIRM F-13
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ATTACHMENT I

Pollutant Analysis of Treated Effluent
Tech Rpt 1.0, Section 7;

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Crystal Ybanez
Water Utilities Laboratory
13101 Leopard St.
Corpus Christi, Texas 78410

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JOB DESCRIPTION

Whitecap Final, 11/6/24

JOB NUMBER

560-122283-1

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

See page two for job notes and contact information.

Job Notes

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

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

Authorization

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

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high 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.
S1+	Surrogate recovery exceeds control limits, high biased.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high 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.

HPLC/IC

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

Metals

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

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
560-122283-1

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

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

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

Receipt
The samples were received on 11/6/2024 8:12 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.9°C.

Subcontract Work
Methods 614 Parathion and Malathion (Ana Lab), 622 Guthion, Chlorpyrifos, Demeton, Diazinon (Ana Lab), 632 Danitol (Ana Lab): These methods were subcontracted to Ana-Lab Corporation. The subcontract laboratory certifications are different from that of the facility issuing the final report. The subcontract report is appended in its entirety.

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

GC/MS Semi VOA
Method 625.1: During the extraction process, heavy emulsion occurred. Sample was filtered through sodium sulfate to remove emulsion.

Method 625.1: The laboratory control sample duplicate (LCSD) for preparation batch 860-199035 and analytical batch 860-199201 recovered outside control limits for multiple analytes. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 625.1: The laboratory control sample (LCS) for preparation batch 860-199035 and analytical batch 860-199201 recovered outside control limits for the following analytes: 2,4,5-Trichlorophenol, and Fluoranthene. 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: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 860-199035 and analytical batch 860-199201 recovered outside control limits for the following analytes: Benzidine and Pyridine.

Method 625.1: The laboratory control sample (LCS) for preparation batch 860-199035 and analytical batch 860-199201 recovered outside acceptance limits for Di-n-butyl phthalate. There was insufficient sample to perform a re-extraction or re-analysis; therefore, the data have been reported.

Method 625.1: The continuing calibration verification (CCV) associated with batch 860-199233 for N-Nitrosodimethylamine (20-125%) and Pyridine (5-94%) within control limits % recoveries for these analytes based on laboratory control charts.

Method 625.1: The surrogate recovery for the method blank and laboratory control sample duplicate associated with preparation batch 860-199035 and analytical batch 860-199201 was outside the upper control limits.

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 RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 860-199186 and analytical batch 860-199436 recovered outside control limits for the following analytes: 2,4-D and Silvex (2,4,5-TP).

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

PCBs
Method 608.3_PCB: The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 860-199234 and analytical batch 860-199432 recovered outside control limits for the following analytes: PCB-1016. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

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

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

HPLC/IC
Method 300_ORGFM_28D: The following sample was diluted to bring the concentration of target analytes within the calibration range: Whitecap Final (560-122283-1). Elevated reporting limits (RLs) are provided.

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

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

General Chemistry
Method 4500_CN_I: Reanalysis of the following sample(s) was performed outside of the analytical holding time due to a failing Laboratory Control Spike (LCS) on the initial trial. : Whitecap Final (560-122283-1).

Method Kelada_01: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-199202 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method Kelada_01: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-199290 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

Detection Summary

Client: Water Utilities Laboratory
Project/Site: Whitecap Final, 11/6/24

Job ID: 560-122283-1

Client Sample ID: Whitecap Final — Lab Sample ID: 560-122283-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dibromochloromethane	0.12	J	0.50	0.10	ug/L	1		524.2	Total/NA
Di-n-butyl phthalate	0.74	J *+	5.0	0.25	ug/L	1		625.1	Total/NA
Fluoride	1600	J	2500	500	ug/L	5		300.0	Total/NA
Mercury	0.00057		0.00050	0.00014	ug/L	1		1631E	Total/NA
Nitrate Nitrite as N	210		100	50	ug/L	1		353.2	Total/NA

Client Sample ID: Whitecap Final Field Blank — Lab Sample ID: 560-122283-2

No Detections.

Client Sample ID: Whitecap Final — Lab Sample ID: 560-122283-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	13	J	20	3.0	ug/L	1		200.8	Total Recoverable
Arsenic	3.6	J	4.0	0.93	ug/L	1		200.8	Total Recoverable
Barium	78		4.0	0.95	ug/L	1		200.8	Total Recoverable
Chromium	1.2	J	4.0	0.89	ug/L	1		200.8	Total Recoverable
Copper	9.9		4.0	0.69	ug/L	1		200.8	Total Recoverable
Molybdenum	4.6		2.0	0.50	ug/L	1		200.8	Total Recoverable
Nickel	3.1		2.0	0.49	ug/L	1		200.8	Total Recoverable
Selenium	7.6		2.0	0.69	ug/L	1		200.8	Total Recoverable
Zinc	29		4.0	0.89	ug/L	1		200.8	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client: Water Utilities Laboratory
Project/Site: Whitecap Final, 11/6/24

Job ID: 560-122283-1

Client Sample ID: Whitecap Final

Date Collected: 11/06/24 06:00
Date Received: 11/06/24 08:12

Lab Sample ID: 560-122283-1

Matrix: Water

Method: EPA-DW 524.2 - Total Trihalomethanes

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trihalomethanes, Total	<0.20		0.50	0.20	ug/L			11/11/24 06:16	1

Method: EPA-DW 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	<0.10		0.50	0.10	ug/L			11/11/24 06:16	1
Bromoform	<0.20		0.50	0.20	ug/L			11/11/24 06:16	1
Chloroform	<0.20		0.50	0.20	ug/L			11/11/24 06:16	1
Dibromochloromethane	**0.12**	**J**	0.50	0.10	ug/L			11/11/24 06:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 130*		*11/11/24 06:16*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*11/11/24 06:16*	*1*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*11/11/24 06:16*	*1*
1,2-Dichlorobenzene-d4 (Surr)	*100*		*70 - 130*		*11/11/24 06:16*	*1*

Method: EPA 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	<11		50	11	ug/L			11/08/24 12:01	1
Acrylonitrile	<14		50	14	ug/L			11/08/24 12:01	1
Benzene	<0.46		1.0	0.46	ug/L			11/08/24 12:01	1
Bromodichloromethane	<0.55		1.0	0.55	ug/L			11/08/24 12:01	1
Bromoform	<0.63		5.0	0.63	ug/L			11/08/24 12:01	1
Bromomethane	<1.4		5.0	1.4	ug/L			11/08/24 12:01	1
2-Butanone (MEK)	<8.3		50	8.3	ug/L			11/08/24 12:01	1
Carbon tetrachloride	<0.90		5.0	0.90	ug/L			11/08/24 12:01	1
Chlorobenzene	<0.46		1.0	0.46	ug/L			11/08/24 12:01	1
Chloroethane	<2.0		10	2.0	ug/L			11/08/24 12:01	1
2-Chloroethyl vinyl ether	<0.75		5.0	0.75	ug/L			11/08/24 12:01	1
Chloroform	<0.46		1.0	0.46	ug/L			11/08/24 12:01	1
Chloromethane	<2.0		10	2.0	ug/L			11/08/24 12:01	1
cis-1,3-Dichloropropene	<0.0011		0.0050	0.0011	mg/L			11/08/24 12:01	1
Dibromochloromethane	<0.55		5.0	0.55	ug/L			11/08/24 12:01	1
1,2-Dibromoethane	<1.0		5.0	1.0	ug/L			11/08/24 12:01	1
1,2-Dichlorobenzene	<0.43		1.0	0.43	ug/L			11/08/24 12:01	1
1,3-Dichlorobenzene	<0.41		1.0	0.41	ug/L			11/08/24 12:01	1
1,4-Dichlorobenzene	<0.45		1.0	0.45	ug/L			11/08/24 12:01	1
1,1-Dichloroethane	<0.64		1.0	0.64	ug/L			11/08/24 12:01	1
1,2-Dichloroethane	<0.37		1.0	0.37	ug/L			11/08/24 12:01	1
1,1-Dichloroethylene	<0.74		1.0	0.74	ug/L			11/08/24 12:01	1
1,2-Dichloropropane	<0.56		5.0	0.56	ug/L			11/08/24 12:01	1
1,3-Dichloropropene, Total	<1.3		5.0	1.3	ug/L			11/08/24 12:01	1
Ethylbenzene	<0.39		1.0	0.39	ug/L			11/08/24 12:01	1
Hexachlorobutadiene	<0.63		5.0	0.63	ug/L			11/08/24 12:01	1
Methylene Chloride	<1.7		5.0	1.7	ug/L			11/08/24 12:01	1
MTBE	<0.0014		0.0050	0.0014	mg/L			11/08/24 12:01	1
Naphthalene	<1.4		10	1.4	ug/L			11/08/24 12:01	1
1,1,2,2-Tetrachloroethane	<0.47		1.0	0.47	ug/L			11/08/24 12:01	1
Tetrachloroethene	<0.66		1.0	0.66	ug/L			11/08/24 12:01	1
Toluene	<0.48		1.0	0.48	ug/L			11/08/24 12:01	1
1,2-trans-Dichloroethylene	<0.37		1.0	0.37	ug/L			11/08/24 12:01	1

Client Sample ID: Whitecap Final
Date Collected: 11/06/24 06:00
Date Received: 11/06/24 08:12

Lab Sample ID: 560-122283-1
Matrix: Water

Method: EPA 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.0013		0.0050	0.0013	mg/L			11/08/24 12:01	1
1,1,1-Trichloroethane	<0.59		5.0	0.59	ug/L			11/08/24 12:01	1
1,1,2-Trichloroethane	<0.41		1.0	0.41	ug/L			11/08/24 12:01	1
Trichloroethene	<1.5		5.0	1.5	ug/L			11/08/24 12:01	1
Vinyl chloride	<0.43		2.0	0.43	ug/L			11/08/24 12:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*		*11/08/24 12:01*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 131*		*11/08/24 12:01*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*63 - 144*		*11/08/24 12:01*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*11/08/24 12:01*	*1*

Method: EPA 625.1 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<1.4		5.7	1.4	ug/L		11/11/24 14:06	11/13/24 03:26	1
1,2,4-Trichlorobenzene	<0.0016		0.0050	0.0016	mg/L		11/11/24 14:06	11/13/24 03:26	1
Acenaphthylene	<1.4		10	1.4	ug/L		11/11/24 14:06	11/13/24 03:26	1
Anthracene	<1.5	*+	5.7	1.5	ug/L		11/11/24 14:06	11/13/24 03:26	1
Benzidine	<20	*- *1	20	20	ug/L		11/11/24 14:06	11/13/24 03:26	1
Benzo[a]anthracene	<0.17		5.0	0.17	ug/L		11/11/24 14:06	11/13/24 03:26	1
Benzo[a]pyrene	<0.36		5.0	0.36	ug/L		11/11/24 14:06	11/13/24 03:26	1
3,4-Benzofluoranthene	<2.0		10	2.0	ug/L		11/11/24 14:06	11/13/24 03:26	1
Benzo[g,h,i]perylene	<2.7		10	2.7	ug/L		11/11/24 14:06	11/13/24 03:26	1
Benzo[k]fluoranthene	<5.0		5.0	5.0	ug/L		11/11/24 14:06	11/13/24 03:26	1
Bis(2-chloroethoxy)methane	<1.8		10	1.8	ug/L		11/11/24 14:06	11/13/24 03:26	1
Bis(2-chloroethyl)ether	<2.2		10	2.2	ug/L		11/11/24 14:06	11/13/24 03:26	1
Bis(2-ethylhexyl) phthalate	<0.28	*+	5.0	0.28	ug/L		11/11/24 14:06	11/13/24 03:26	1
4-Bromophenyl phenyl ether	<0.00026	*+	0.0050	0.00026	mg/L		11/11/24 14:06	11/13/24 03:26	1
Butyl benzyl phthalate	<0.34		5.0	0.34	ug/L		11/11/24 14:06	11/13/24 03:26	1
2-Chloronaphthalene	<0.46		5.0	0.46	ug/L		11/11/24 14:06	11/13/24 03:26	1
2-Chlorophenol	<0.65		5.0	0.65	ug/L		11/11/24 14:06	11/13/24 03:26	1
4-Chlorophenyl phenyl ether	<1.3		10	1.3	ug/L		11/11/24 14:06	11/13/24 03:26	1
Chrysene	<0.22		5.0	0.22	ug/L		11/11/24 14:06	11/13/24 03:26	1
Cresol, o-	<1.6		10	1.6	ug/L		11/11/24 14:06	11/13/24 03:26	1
Dibenzo(a),h)anthracene	<0.25		5.0	0.25	ug/L		11/11/24 14:06	11/13/24 03:26	1
3,3'-Dichlorobenzidine	<0.34		5.0	0.34	ug/L		11/11/24 14:06	11/13/24 03:26	1
2,4-Dichlorophenol	<0.31		5.0	0.31	ug/L		11/11/24 14:06	11/13/24 03:26	1
Diethyl phthalate	<1.6	*+	5.0	1.6	ug/L		11/11/24 14:06	11/13/24 03:26	1
2,4-Dimethylphenol	<0.65		5.0	0.65	ug/L		11/11/24 14:06	11/13/24 03:26	1
Dimethyl phthalate	<2.5	*+	2.5	2.5	ug/L		11/11/24 14:06	11/13/24 03:26	1
Di-n-butyl phthalate	**0.74**	**J *+**	5.0	0.25	ug/L		11/11/24 14:06	11/13/24 03:26	1
4,6-Dinitro-2-methylphenol	<1.4		10	1.4	ug/L		11/11/24 14:06	11/13/24 03:26	1
2,4-Dinitrophenol	<1.6		10	1.6	ug/L		11/11/24 14:06	11/13/24 03:26	1
2,4-Dinitrotoluene	<1.3	*+	10	1.3	ug/L		11/11/24 14:06	11/13/24 03:26	1
2,6-Dinitrotoluene	<1.6		5.0	1.6	ug/L		11/11/24 14:06	11/13/24 03:26	1
Di-n-octyl phthalate	<0.37		5.0	0.37	ug/L		11/11/24 14:06	11/13/24 03:26	1
1,2-Diphenylhydrazine	<1.5		10	1.5	ug/L		11/11/24 14:06	11/13/24 03:26	1
Fluoranthene	<1.6	*+	5.0	1.6	ug/L		11/11/24 14:06	11/13/24 03:26	1
Fluorene	<1.6	*+	5.0	1.6	ug/L		11/11/24 14:06	11/13/24 03:26	1
Hexachlorobenzene	<0.31		5.0	0.31	ug/L		11/11/24 14:06	11/13/24 03:26	1

Client Sample ID: Whitecap Final
Date Collected: 11/06/24 06:00
Date Received: 11/06/24 08:12

Lab Sample ID: 560-122283-1
Matrix: Water

Method: EPA 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	<10		10	10	ug/L		11/11/24 14:06	11/13/24 03:26	1
Hexachloroethane	<0.53		4.8	0.53	ug/L		11/11/24 14:06	11/13/24 03:26	1
Indeno[1,2,3-cd]pyrene	<2.3		10	2.3	ug/L		11/11/24 14:06	11/13/24 03:26	1
Isophorone	<1.6		5.0	1.6	ug/L		11/11/24 14:06	11/13/24 03:26	1
m & p - Cresol	<2.6		10	2.6	ug/L		11/11/24 14:06	11/13/24 03:26	1
Nitrobenzene	<1.7		5.0	1.7	ug/L		11/11/24 14:06	11/13/24 03:26	1
2-Nitrophenol	<1.7		10	1.7	ug/L		11/11/24 14:06	11/13/24 03:26	1
4-Nitrophenol	<7.2		7.2	7.2	ug/L		11/11/24 14:06	11/13/24 03:26	1
N-Nitrosodiethylamine	<1.8		10	1.8	ug/L		11/11/24 14:06	11/13/24 03:26	1
N-Nitrosodimethylamine	<2.0		10	2.0	ug/L		11/11/24 14:06	11/13/24 03:26	1
N-Nitrosodi-n-butylamine	<1.5		10	1.5	ug/L		11/11/24 14:06	11/13/24 03:26	1
N-Nitrosodi-n-propylamine	<2.9		10	2.9	ug/L		11/11/24 14:06	11/13/24 03:26	1
N-Nitrosodiphenylamine	<1.8		10	1.8	ug/L		11/11/24 14:06	11/13/24 03:26	1
Nonylphenol	<10		10	10	ug/L		11/11/24 14:06	11/13/24 03:26	1
2,2'-oxybis[1-chloropropane]	<1.8		10	1.8	ug/L		11/11/24 14:06	11/13/24 03:26	1
Pentachlorobenzene	<1.1		10	1.1	ug/L		11/11/24 14:06	11/13/24 03:26	1
Pentachlorophenol	<0.23		10	0.23	ug/L		11/11/24 14:06	11/13/24 03:26	1
Phenanthrene	<1.4	*+	10	1.4	ug/L		11/11/24 14:06	11/13/24 03:26	1
Phenol	<0.42		4.5	0.42	ug/L		11/11/24 14:06	11/13/24 03:26	1
Pyrene	<0.18	*+	5.0	0.18	ug/L		11/11/24 14:06	11/13/24 03:26	1
Pyridine	<10	*- *1	10	10	ug/L		11/11/24 14:06	11/13/24 03:26	1
1,2,4,5-Tetrachlorobenzene	<1.3		10	1.3	ug/L		11/11/24 14:06	11/13/24 03:26	1
Total Cresols	<2.6		10	2.6	ug/L		11/11/24 14:06	11/13/24 03:26	1
2,4,5-Trichlorophenol	<2.0	*+	10	2.0	ug/L		11/11/24 14:06	11/13/24 03:26	1
2,4,6-Trichlorophenol	<1.4	*+	5.0	1.4	ug/L		11/11/24 14:06	11/13/24 03:26	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
2,3,7,8-TCDD TIC	*<10*		*ug/L*		*9.77*	*1746-01-6*	*11/11/24 14:06*	*11/13/24 03:26*	*1*
bis(2-chloromethyl)ether TIC	*<100*		*ug/L*			*542-88-1*	*11/11/24 14:06*	*11/13/24 03:26*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*110*		*29 - 112*	*11/11/24 14:06*	*11/13/24 03:26*	*1*
2-Fluorophenol	*29*		*28 - 114*	*11/11/24 14:06*	*11/13/24 03:26*	*1*
Nitrobenzene-d5	*107*		*15 - 314*	*11/11/24 14:06*	*11/13/24 03:26*	*1*
Phenol-d5	*28*		*8 - 424*	*11/11/24 14:06*	*11/13/24 03:26*	*1*
p-Terphenyl-d14 (Surr)	*130*		*20 - 141*	*11/11/24 14:06*	*11/13/24 03:26*	*1*
2,4,6-Tribromophenol	*106*		*31 - 132*	*11/11/24 14:06*	*11/13/24 03:26*	*1*

Method: EPA 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.00081		0.010	0.00081	ug/L		11/12/24 12:23	11/13/24 16:18	1
4,4'-DDE	<0.0011		0.010	0.0011	ug/L		11/12/24 12:23	11/13/24 16:18	1
4,4'-DDT	<0.0038		0.020	0.0038	ug/L		11/12/24 12:23	11/13/24 16:18	1
Aldrin	<0.0011		0.010	0.0011	ug/L		11/12/24 12:23	11/13/24 16:18	1
alpha-BHC	<0.0014		0.0090	0.0014	ug/L		11/12/24 12:23	11/13/24 16:18	1
beta-BHC	<0.0039		0.018	0.0039	ug/L		11/12/24 12:23	11/13/24 16:18	1
Chlordane	<0.10		0.25	0.10	ug/L		11/12/24 12:23	11/13/24 16:18	1
delta-BHC	<0.0025		0.25	0.0025	ug/L		11/12/24 12:23	11/13/24 16:18	1
Dicofol	<0.050		0.10	0.050	ug/L		11/12/24 12:23	11/13/24 16:18	1
Dieldrin	<0.00095		0.010	0.00095	ug/L		11/12/24 12:23	11/13/24 16:18	1

Client Sample ID: Whitecap Final
Date Collected: 11/06/24 06:00
Date Received: 11/06/24 08:12

Lab Sample ID: 560-122283-1
Matrix: Water

Method: EPA 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan I	<0.0011		0.010	0.0011	ug/L		11/12/24 12:23	11/13/24 16:18	1
Endosulfan II	<0.0012		0.010	0.0012	ug/L		11/12/24 12:23	11/13/24 16:18	1
Endosulfan sulfate	<0.0011		0.010	0.0011	ug/L		11/12/24 12:23	11/13/24 16:18	1
Endrin	<0.0016		0.010	0.0016	ug/L		11/12/24 12:23	11/13/24 16:18	1
Endrin aldehyde	<0.0012		0.010	0.0012	ug/L		11/12/24 12:23	11/13/24 16:18	1
gamma-BHC (Lindane)	<0.0030		0.010	0.0030	ug/L		11/12/24 12:23	11/13/24 16:18	1
Heptachlor	<0.0045		0.0090	0.0045	ug/L		11/12/24 12:23	11/13/24 16:18	1
Heptachlor epoxide	<0.0013		0.010	0.0013	ug/L		11/12/24 12:23	11/13/24 16:18	1
Methoxychlor	<0.0039		0.020	0.0039	ug/L		11/12/24 12:23	11/13/24 16:18	1
Mirex	<0.020		0.020	0.020	ug/L		11/12/24 12:23	11/13/24 16:18	1
Toxaphene	<0.077		0.20	0.077	ug/L		11/12/24 12:23	11/13/24 16:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*86*		*15 - 136*	*11/12/24 12:23*	*11/13/24 16:18*	*1*
Tetrachloro-m-xylene	*66*		*18 - 126*	*11/12/24 12:23*	*11/13/24 16:18*	*1*

Method: EPA 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.013	*+	0.10	0.013	ug/L		11/12/24 12:23	11/13/24 16:37	1
PCB-1221	<0.013		0.10	0.013	ug/L		11/12/24 12:23	11/13/24 16:37	1
PCB-1232	<0.013		0.10	0.013	ug/L		11/12/24 12:23	11/13/24 16:37	1
PCB-1242	<0.013		0.10	0.013	ug/L		11/12/24 12:23	11/13/24 16:37	1
PCB-1248	<0.013		0.10	0.013	ug/L		11/12/24 12:23	11/13/24 16:37	1
PCB-1254	<0.0078		0.10	0.0078	ug/L		11/12/24 12:23	11/13/24 16:37	1
PCB-1260	<0.0078		0.10	0.0078	ug/L		11/12/24 12:23	11/13/24 16:37	1
Polychlorinated biphenyls, Total	<0.10		0.10	0.10	ug/L		11/12/24 12:23	11/13/24 16:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*87*		*18 - 126*	*11/12/24 12:23*	*11/13/24 16:37*	*1*
DCB Decachlorobiphenyl (Surr)	*108*		*15 - 136*	*11/12/24 12:23*	*11/13/24 16:37*	*1*

Method: EPA-01 615 - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	<0.054	*1	0.20	0.054	ug/L		11/12/24 10:20	11/13/24 12:38	1
Silvex (2,4,5-TP)	<0.042	*1	0.20	0.042	ug/L		11/12/24 10:20	11/13/24 12:38	1
Hexachlorophene	<0.81		5.0	0.81	ug/L		11/12/24 10:20	11/13/24 12:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*83*		*45 - 150*	*11/12/24 10:20*	*11/13/24 12:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	**1600**	**J**	2500	500	ug/L			11/13/24 23:47	5

Method: EPA-01 632 - Carbamate and Urea Pesticides (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbaryl	<1900		5000	1900	ug/L		11/07/24 14:05	11/15/24 18:15	1000
Diuron	<51		90	51	ug/L		11/07/24 14:05	11/15/24 18:15	1000

Client: Water Utilities Laboratory
Project/Site: Whitecap Final, 11/6/24

Job ID: 560-122283-1

Client Sample ID: Whitecap Final

Lab Sample ID: 560-122283-1

Date Collected: 11/06/24 06:00
Matrix: Water
Date Received: 11/06/24 08:12

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00057**		0.00050	0.00014	ug/L		11/07/24 14:00	11/08/24 11:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N (EPA 353.2)	**210**		100	50	ug/L			11/16/24 23:18	1
Cyanide, Weak Acid Dissociable (SM 4500-CN E-2016)	<5.0	H	10	5.0	ug/L		11/21/24 18:45	11/22/24 11:50	1
Cyanide, Total (EPA Kelada 01)	<0.0020	F1	0.0050	0.0020	mg/L			11/11/24 15:41	1

Client Sample ID: Whitecap Final Field Blank

Lab Sample ID: 560-122283-2

Date Collected: 11/06/24 06:00
Matrix: Water
Date Received: 11/06/24 08:12

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

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

Client Sample ID: Whitecap Final

Lab Sample ID: 560-122283-3

Date Collected: 11/06/24 06:00
Matrix: Water
Date Received: 11/06/24 08:12

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.35		2.0	0.35	ug/L		11/11/24 02:21	11/11/24 19:22	1
Aluminum	**13**	**J**	20	3.0	ug/L		11/11/24 02:21	11/11/24 19:22	1
Arsenic	**3.6**	**J**	4.0	0.93	ug/L		11/11/24 02:21	11/11/24 19:22	1
Barium	**78**		4.0	0.95	ug/L		11/11/24 02:21	11/11/24 19:22	1
Beryllium	<0.38		2.0	0.38	ug/L		11/11/24 02:21	11/11/24 19:22	1
Cadmium	<0.26		2.0	0.26	ug/L		11/11/24 02:21	11/11/24 19:22	1
Chromium	**1.2**	**J**	4.0	0.89	ug/L		11/11/24 02:21	11/11/24 19:22	1
Copper	**9.9**		4.0	0.69	ug/L		11/11/24 02:21	11/11/24 19:22	1
Molybdenum	**4.6**		2.0	0.50	ug/L		11/11/24 02:21	11/11/24 19:22	1
Nickel	**3.1**		2.0	0.49	ug/L		11/11/24 02:21	11/11/24 19:22	1
Lead	<0.37		2.0	0.37	ug/L		11/11/24 02:21	11/11/24 19:22	1
Antimony	<1.1		2.0	1.1	ug/L		11/11/24 02:21	11/11/24 19:22	1
Selenium	**7.6**		2.0	0.69	ug/L		11/11/24 02:21	11/11/24 19:22	1
Thallium	<0.22		2.0	0.22	ug/L		11/11/24 02:21	11/11/24 19:22	1
Zinc	**29**		4.0	0.89	ug/L		11/11/24 02:21	11/11/24 19:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium VI (SM 3500 CR B)	<3.0		5.0	3.0	ug/L			11/06/24 15:30	1

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 810-121999/5
Matrix: Water
Analysis Batch: 121999

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	<0.10		0.50	0.10	ug/L			11/11/24 04:09	1
Bromoform	<0.20		0.50	0.20	ug/L			11/11/24 04:09	1
Chloroform	<0.20		0.50	0.20	ug/L			11/11/24 04:09	1
Dibromochloromethane	<0.10		0.50	0.10	ug/L			11/11/24 04:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*		*11/11/24 04:09*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*		*11/11/24 04:09*	*1*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*		*11/11/24 04:09*	*1*
1,2-Dichlorobenzene-d4 (Surr)	*94*		*70 - 130*		*11/11/24 04:09*	*1*

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 860-198557/9
Matrix: Water
Analysis Batch: 198557

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	<11		50	11	ug/L			11/08/24 11:41	1
Acrylonitrile	<14		50	14	ug/L			11/08/24 11:41	1
Benzene	<0.46		1.0	0.46	ug/L			11/08/24 11:41	1
Bromodichloromethane	<0.55		1.0	0.55	ug/L			11/08/24 11:41	1
Bromoform	<0.63		5.0	0.63	ug/L			11/08/24 11:41	1
Bromomethane	<1.4		5.0	1.4	ug/L			11/08/24 11:41	1
2-Butanone (MEK)	<8.3		50	8.3	ug/L			11/08/24 11:41	1
Carbon tetrachloride	<0.90		5.0	0.90	ug/L			11/08/24 11:41	1
Chlorobenzene	<0.46		1.0	0.46	ug/L			11/08/24 11:41	1
Chloroethane	<2.0		10	2.0	ug/L			11/08/24 11:41	1
2-Chloroethyl vinyl ether	<0.75		5.0	0.75	ug/L			11/08/24 11:41	1
Chloroform	<0.46		1.0	0.46	ug/L			11/08/24 11:41	1
Chloromethane	<2.0		10	2.0	ug/L			11/08/24 11:41	1
cis-1,3-Dichloropropene	<0.0011		0.0050	0.0011	mg/L			11/08/24 11:41	1
Dibromochloromethane	<0.55		5.0	0.55	ug/L			11/08/24 11:41	1
1,2-Dibromoethane	<1.0		5.0	1.0	ug/L			11/08/24 11:41	1
1,2-Dichlorobenzene	<0.43		1.0	0.43	ug/L			11/08/24 11:41	1
1,3-Dichlorobenzene	<0.41		1.0	0.41	ug/L			11/08/24 11:41	1
1,4-Dichlorobenzene	<0.45		1.0	0.45	ug/L			11/08/24 11:41	1
1,1-Dichloroethane	<0.64		1.0	0.64	ug/L			11/08/24 11:41	1
1,2-Dichloroethane	<0.37		1.0	0.37	ug/L			11/08/24 11:41	1
1,1-Dichloroethylene	<0.74		1.0	0.74	ug/L			11/08/24 11:41	1
1,2-Dichloropropane	<0.56		5.0	0.56	ug/L			11/08/24 11:41	1
1,3-Dichloropropene, Total	<1.3		5.0	1.3	ug/L			11/08/24 11:41	1
Ethylbenzene	<0.39		1.0	0.39	ug/L			11/08/24 11:41	1
Hexachlorobutadiene	<0.63		5.0	0.63	ug/L			11/08/24 11:41	1
Methylene Chloride	<1.7		5.0	1.7	ug/L			11/08/24 11:41	1
MTBE	<0.0014		0.0050	0.0014	mg/L			11/08/24 11:41	1
Naphthalene	<1.4		10	1.4	ug/L			11/08/24 11:41	1
1,1,2,2-Tetrachloroethane	<0.47		1.0	0.47	ug/L			11/08/24 11:41	1

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 860-198557/9
Matrix: Water
Analysis Batch: 198557

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	<0.66		1.0	0.66	ug/L			11/08/24 11:41	1
Toluene	<0.48		1.0	0.48	ug/L			11/08/24 11:41	1
1,2-trans-Dichloroethylene	<0.37		1.0	0.37	ug/L			11/08/24 11:41	1
trans-1,3-Dichloropropene	<0.0013		0.0050	0.0013	mg/L			11/08/24 11:41	1
1,1,1-Trichloroethane	<0.59		5.0	0.59	ug/L			11/08/24 11:41	1
1,1,2-Trichloroethane	<0.41		1.0	0.41	ug/L			11/08/24 11:41	1
Trichloroethene	<1.5		5.0	1.5	ug/L			11/08/24 11:41	1
Vinyl chloride	<0.43		2.0	0.43	ug/L			11/08/24 11:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*		*11/08/24 11:41*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 131*		*11/08/24 11:41*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*63 - 144*		*11/08/24 11:41*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*11/08/24 11:41*	*1*

Lab Sample ID: LCS 860-198557/3
Matrix: Water
Analysis Batch: 198557

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acrolein	250	247		ug/L		99	60 - 140
Acrylonitrile	500	521		ug/L		104	60 - 140
Benzene	50.0	54.7		ug/L		109	75 - 125
Bromodichloromethane	50.0	53.6		ug/L		107	75 - 125
Bromoform	50.0	52.7		ug/L		105	70 - 130
Bromomethane	50.0	44.1		ug/L		88	60 - 140
2-Butanone (MEK)	250	262		ug/L		105	60 - 140
Carbon tetrachloride	50.0	53.7		ug/L		107	70 - 125
Chlorobenzene	50.0	53.3		ug/L		107	82 - 135
Chloroethane	50.0	47.8		ug/L		96	60 - 140
2-Chloroethyl vinyl ether	50.0	53.9		ug/L		108	50 - 150
Chloroform	50.0	53.9		ug/L		108	70 - 121
Chloromethane	50.0	39.5		ug/L		79	60 - 140
cis-1,3-Dichloropropene	0.0500	0.0554		mg/L		111	74 - 125
Dibromochloromethane	50.0	53.7		ug/L		107	73 - 125
1,2-Dibromoethane	50.0	52.9		ug/L		106	73 - 125
1,2-Dichlorobenzene	50.0	53.0		ug/L		106	75 - 125
1,3-Dichlorobenzene	50.0	52.3		ug/L		105	75 - 125
1,4-Dichlorobenzene	50.0	50.9		ug/L		102	75 - 125
1,1-Dichloroethane	50.0	54.7		ug/L		109	71 - 130
1,2-Dichloroethane	50.0	51.9		ug/L		104	72 - 130
1,1-Dichloroethylene	50.0	51.6		ug/L		103	50 - 150
1,2-Dichloropropane	50.0	54.9		ug/L		110	74 - 125
Ethylbenzene	50.0	54.9		ug/L		110	75 - 125
Hexachlorobutadiene	50.0	54.5		ug/L		109	75 - 125
Methylene Chloride	50.0	50.8		ug/L		102	71 - 125
MTBE	0.0500	0.0521		mg/L		104	65 - 135
Naphthalene	50.0	54.3		ug/L		109	70 - 130

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 860-198557/3
Matrix: Water
Analysis Batch: 198557

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,2,2-Tetrachloroethane			50.0	53.3		ug/L		107	74 - 125		
Tetrachloroethene			50.0	54.0		ug/L		108	71 - 125		
Toluene			50.0	53.2		ug/L		106	75 - 130		
1,2-trans-Dichloroethylene			50.0	53.0		ug/L		106	75 - 125		
trans-1,3-Dichloropropene			0.0500	0.0533		mg/L		107	66 - 125		
1,1,1-Trichloroethane			50.0	54.1		ug/L		108	70 - 130		
1,1,2-Trichloroethane			50.0	52.5		ug/L		105	75 - 130		
Trichloroethene			50.0	54.6		ug/L		109	75 - 135		
Vinyl chloride			50.0	45.5		ug/L		91	60 - 140		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*
Dibromofluoromethane (Surr)	*102*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*100*		*63 - 144*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: LCSD 860-198557/4
Matrix: Water
Analysis Batch: 198557

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acrolein			250	260		ug/L		104	60 - 140	5	25
Acrylonitrile			500	545		ug/L		109	60 - 140	5	25
Benzene			50.0	51.9		ug/L		104	75 - 125	5	25
Bromodichloromethane			50.0	50.6		ug/L		101	75 - 125	6	25
Bromoform			50.0	52.7		ug/L		105	70 - 130	0	25
Bromomethane			50.0	44.8		ug/L		90	60 - 140	2	25
2-Butanone (MEK)			250	264		ug/L		106	60 - 140	1	25
Carbon tetrachloride			50.0	52.8		ug/L		106	70 - 125	2	25
Chlorobenzene			50.0	52.0		ug/L		104	82 - 135	3	25
Chloroethane			50.0	47.7		ug/L		95	60 - 140	0	25
2-Chloroethyl vinyl ether			50.0	53.6		ug/L		107	50 - 150	1	25
Chloroform			50.0	53.2		ug/L		106	70 - 121	1	25
Chloromethane			50.0	40.5		ug/L		81	60 - 140	2	25
cis-1,3-Dichloropropene			0.0500	0.0523		mg/L		105	74 - 125	6	25
Dibromochloromethane			50.0	53.6		ug/L		107	73 - 125	0	25
1,2-Dibromoethane			50.0	52.8		ug/L		106	73 - 125	0	25
1,2-Dichlorobenzene			50.0	53.0		ug/L		106	75 - 125	0	25
1,3-Dichlorobenzene			50.0	52.7		ug/L		105	75 - 125	1	25
1,4-Dichlorobenzene			50.0	51.4		ug/L		103	75 - 125	1	25
1,1-Dichloroethane			50.0	52.8		ug/L		106	71 - 130	3	25
1,2-Dichloroethane			50.0	50.2		ug/L		100	72 - 130	3	25
1,1-Dichloroethylene			50.0	53.6		ug/L		107	50 - 150	4	25
1,2-Dichloropropane			50.0	52.0		ug/L		104	74 - 125	5	25
Ethylbenzene			50.0	53.1		ug/L		106	75 - 125	3	25
Hexachlorobutadiene			50.0	54.2		ug/L		108	75 - 125	1	25
Methylene Chloride			50.0	51.3		ug/L		103	71 - 125	1	25
MTBE			0.0500	0.0547		mg/L		109	65 - 135	5	25

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 860-198557/4
Matrix: Water
Analysis Batch: 198557

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Naphthalene			50.0	56.1		ug/L		112	70 - 130	3	25
1,1,2,2-Tetrachloroethane			50.0	55.4		ug/L		111	74 - 125	4	25
Tetrachloroethene			50.0	51.6		ug/L		103	71 - 125	4	25
Toluene			50.0	51.9		ug/L		104	75 - 130	2	25
1,2-trans-Dichloroethylene			50.0	52.5		ug/L		105	75 - 125	1	25
trans-1,3-Dichloropropene			0.0500	0.0533		mg/L		107	66 - 125	0	25
1,1,1-Trichloroethane			50.0	53.5		ug/L		107	70 - 130	1	25
1,1,2-Trichloroethane			50.0	52.2		ug/L		104	75 - 130	1	25
Trichloroethene			50.0	50.5		ug/L		101	75 - 135	8	25
Vinyl chloride			50.0	47.1		ug/L		94	60 - 140	3	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*
Dibromofluoromethane (Surr)	*106*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*99*		*63 - 144*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: 560-122283-1 MS
Matrix: Water
Analysis Batch: 198557

Client Sample ID: Whitecap Final
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acrolein	<11		250	241		ug/L		96	50 - 150
Acrylonitrile	<14		500	472		ug/L		94	50 - 150
Benzene	<0.46		50.0	49.9		ug/L		100	66 - 142
Bromodichloromethane	<0.55		50.0	48.5		ug/L		97	75 - 125
Bromoform	<0.63		50.0	49.6		ug/L		99	75 - 125
Bromomethane	<1.4		50.0	43.1		ug/L		86	60 - 140
2-Butanone (MEK)	<8.3		250	253		ug/L		101	60 - 140
Carbon tetrachloride	<0.90		50.0	48.4		ug/L		97	62 - 125
Chlorobenzene	<0.46		50.0	51.1		ug/L		102	60 - 133
Chloroethane	<2.0		50.0	49.2		ug/L		98	60 - 140
2-Chloroethyl vinyl ether	<0.75		50.0	54.3		ug/L		109	50 - 150
Chloroform	<0.46		50.0	49.5		ug/L		99	70 - 130
Chloromethane	<2.0		50.0	42.2		ug/L		84	60 - 140
cis-1,3-Dichloropropene	<0.0011		0.0500	0.0501		mg/L		100	74 - 125
Dibromochloromethane	<0.55		50.0	50.9		ug/L		102	73 - 125
1,2-Dibromoethane	<1.0		50.0	50.4		ug/L		101	73 - 125
1,2-Dichlorobenzene	<0.43		50.0	50.8		ug/L		102	75 - 125
1,3-Dichlorobenzene	<0.41		50.0	50.2		ug/L		100	75 - 125
1,4-Dichlorobenzene	<0.45		50.0	50.7		ug/L		101	75 - 125
1,1-Dichloroethane	<0.64		50.0	51.0		ug/L		102	72 - 125
1,2-Dichloroethane	<0.37		50.0	47.7		ug/L		95	68 - 127
1,1-Dichloroethylene	<0.74		50.0	49.9		ug/L		100	59 - 172
1,2-Dichloropropane	<0.56		50.0	50.6		ug/L		101	74 - 125
Ethylbenzene	<0.39		50.0	51.8		ug/L		104	75 - 125
Hexachlorobutadiene	<0.63		50.0	61.2		ug/L		122	75 - 125
Methylene Chloride	<1.7		50.0	47.3		ug/L		95	75 - 125

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 560-122283-1 MS
Matrix: Water
Analysis Batch: 198557

Client Sample ID: Whitecap Final
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
MTBE	<0.0014		0.0500	0.0491		mg/L		98	65 - 135
Naphthalene	<1.4		50.0	52.4		ug/L		105	70 - 130
1,1,2,2-Tetrachloroethane	<0.47		50.0	50.8		ug/L		102	74 - 125
Tetrachloroethene	<0.66		50.0	50.5		ug/L		101	71 - 125
Toluene	<0.48		50.0	50.7		ug/L		101	59 - 139
1,2-trans-Dichloroethylene	<0.37		50.0	49.9		ug/L		100	75 - 125
trans-1,3-Dichloropropene	<0.0013		0.0500	0.0514		mg/L		103	66 - 125
1,1,1-Trichloroethane	<0.59		50.0	49.9		ug/L		100	75 - 125
1,1,2-Trichloroethane	<0.41		50.0	50.6		ug/L		101	75 - 127
Trichloroethene	<1.5		50.0	48.1		ug/L		96	62 - 137
Vinyl chloride	<0.43		50.0	47.9		ug/L		96	60 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*74 - 124*
Dibromofluoromethane (Surr)	*102*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*98*		*63 - 144*
Toluene-d8 (Surr)	*102*		*80 - 120*

Method: 625.1 - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 860-199035/1-A
Matrix: Water
Analysis Batch: 199201

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 199035

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<1.4		5.7	1.4	ug/L		11/11/24 14:06	11/12/24 14:09	1
1,2,4-Trichlorobenzene	<0.0016		0.0050	0.0016	mg/L		11/11/24 14:06	11/12/24 14:09	1
Acenaphthylene	<1.4		10	1.4	ug/L		11/11/24 14:06	11/12/24 14:09	1
Anthracene	<1.5		5.7	1.5	ug/L		11/11/24 14:06	11/12/24 14:09	1
Benzidine	<20		20	20	ug/L		11/11/24 14:06	11/12/24 14:09	1
Benzo[a]anthracene	<0.17		5.0	0.17	ug/L		11/11/24 14:06	11/12/24 14:09	1
Benzo[a]pyrene	<0.36		5.0	0.36	ug/L		11/11/24 14:06	11/12/24 14:09	1
3,4-Benzofluoranthene	<2.0		10	2.0	ug/L		11/11/24 14:06	11/12/24 14:09	1
Benzo[g,h,i]perylene	<2.7		10	2.7	ug/L		11/11/24 14:06	11/12/24 14:09	1
Benzo[k]fluoranthene	<5.0		5.0	5.0	ug/L		11/11/24 14:06	11/12/24 14:09	1
Bis(2-chloroethoxy)methane	<1.8		10	1.8	ug/L		11/11/24 14:06	11/12/24 14:09	1
Bis(2-chloroethyl)ether	<2.2		10	2.2	ug/L		11/11/24 14:06	11/12/24 14:09	1
Bis(2-ethylhexyl) phthalate	<0.28		5.0	0.28	ug/L		11/11/24 14:06	11/12/24 14:09	1
4-Bromophenyl phenyl ether	<0.00026		0.0050	0.00026	mg/L		11/11/24 14:06	11/12/24 14:09	1
Butyl benzyl phthalate	<0.34		5.0	0.34	ug/L		11/11/24 14:06	11/12/24 14:09	1
2-Chloronaphthalene	<0.46		5.0	0.46	ug/L		11/11/24 14:06	11/12/24 14:09	1
2-Chlorophenol	<0.65		5.0	0.65	ug/L		11/11/24 14:06	11/12/24 14:09	1
4-Chlorophenyl phenyl ether	<1.3		10	1.3	ug/L		11/11/24 14:06	11/12/24 14:09	1
Chrysene	<0.22		5.0	0.22	ug/L		11/11/24 14:06	11/12/24 14:09	1
Cresol, o-	<1.6		10	1.6	ug/L		11/11/24 14:06	11/12/24 14:09	1
Dibenzo(a),h)anthracene	<0.25		5.0	0.25	ug/L		11/11/24 14:06	11/12/24 14:09	1
3,3'-Dichlorobenzidine	<0.34		5.0	0.34	ug/L		11/11/24 14:06	11/12/24 14:09	1
2,4-Dichlorophenol	<0.31		5.0	0.31	ug/L		11/11/24 14:06	11/12/24 14:09	1
Diethyl phthalate	<1.6		5.0	1.6	ug/L		11/11/24 14:06	11/12/24 14:09	1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 860-199035/1-A
Matrix: Water
Analysis Batch: 199201

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 199035

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	<0.65		5.0	0.65	ug/L		11/11/24 14:06	11/12/24 14:09	1
Dimethyl phthalate	<2.5		2.5	2.5	ug/L		11/11/24 14:06	11/12/24 14:09	1
Di-n-butyl phthalate	<0.25		5.0	0.25	ug/L		11/11/24 14:06	11/12/24 14:09	1
4,6-Dinitro-2-methylphenol	<1.4		10	1.4	ug/L		11/11/24 14:06	11/12/24 14:09	1
2,4-Dinitrophenol	<1.6		10	1.6	ug/L		11/11/24 14:06	11/12/24 14:09	1
2,4-Dinitrotoluene	<1.3		10	1.3	ug/L		11/11/24 14:06	11/12/24 14:09	1
2,6-Dinitrotoluene	<1.6		5.0	1.6	ug/L		11/11/24 14:06	11/12/24 14:09	1
Di-n-octyl phthalate	<0.37		5.0	0.37	ug/L		11/11/24 14:06	11/12/24 14:09	1
1,2-Diphenylhydrazine	<1.5		10	1.5	ug/L		11/11/24 14:06	11/12/24 14:09	1
Fluoranthene	<1.6		5.0	1.6	ug/L		11/11/24 14:06	11/12/24 14:09	1
Fluorene	<1.6		5.0	1.6	ug/L		11/11/24 14:06	11/12/24 14:09	1
Hexachlorobenzene	<0.31		5.0	0.31	ug/L		11/11/24 14:06	11/12/24 14:09	1
Hexachlorocyclopentadiene	<10		10	10	ug/L		11/11/24 14:06	11/12/24 14:09	1
Hexachloroethane	<0.53		4.8	0.53	ug/L		11/11/24 14:06	11/12/24 14:09	1
Indeno[1,2,3-cd]pyrene	<2.3		10	2.3	ug/L		11/11/24 14:06	11/12/24 14:09	1
Isophorone	<1.6		5.0	1.6	ug/L		11/11/24 14:06	11/12/24 14:09	1
m & p - Cresol	<2.6		10	2.6	ug/L		11/11/24 14:06	11/12/24 14:09	1
Nitrobenzene	<1.7		5.0	1.7	ug/L		11/11/24 14:06	11/12/24 14:09	1
2-Nitrophenol	<1.7		10	1.7	ug/L		11/11/24 14:06	11/12/24 14:09	1
4-Nitrophenol	<7.2		7.2	7.2	ug/L		11/11/24 14:06	11/12/24 14:09	1
N-Nitrosodiethylamine	<1.8		10	1.8	ug/L		11/11/24 14:06	11/12/24 14:09	1
N-Nitrosodimethylamine	<2.0		10	2.0	ug/L		11/11/24 14:06	11/12/24 14:09	1
N-Nitrosodi-n-butylamine	<1.5		10	1.5	ug/L		11/11/24 14:06	11/12/24 14:09	1
N-Nitrosodi-n-propylamine	<2.9		10	2.9	ug/L		11/11/24 14:06	11/12/24 14:09	1
N-Nitrosodiphenylamine	<1.8		10	1.8	ug/L		11/11/24 14:06	11/12/24 14:09	1
Nonylphenol	<10		10	10	ug/L		11/11/24 14:06	11/12/24 14:09	1
2,2'-oxybis[1-chloropropane]	<1.8		10	1.8	ug/L		11/11/24 14:06	11/12/24 14:09	1
Pentachlorobenzene	<1.1		10	1.1	ug/L		11/11/24 14:06	11/12/24 14:09	1
Pentachlorophenol	<0.23		10	0.23	ug/L		11/11/24 14:06	11/12/24 14:09	1
Phenanthrene	<1.4		10	1.4	ug/L		11/11/24 14:06	11/12/24 14:09	1
Phenol	<0.42		4.5	0.42	ug/L		11/11/24 14:06	11/12/24 14:09	1
Pyrene	<0.18		5.0	0.18	ug/L		11/11/24 14:06	11/12/24 14:09	1
Pyridine	<10		10	10	ug/L		11/11/24 14:06	11/12/24 14:09	1
1,2,4,5-Tetrachlorobenzene	<1.3		10	1.3	ug/L		11/11/24 14:06	11/12/24 14:09	1
Total Cresols	<2.6		10	2.6	ug/L		11/11/24 14:06	11/12/24 14:09	1
2,4,5-Trichlorophenol	<2.0		10	2.0	ug/L		11/11/24 14:06	11/12/24 14:09	1
2,4,6-Trichlorophenol	<1.4		5.0	1.4	ug/L		11/11/24 14:06	11/12/24 14:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*114*	*S1+*	*29 - 112*	*11/11/24 14:06*	*11/12/24 14:09*	*1*
2-Fluorophenol	*62*		*28 - 114*	*11/11/24 14:06*	*11/12/24 14:09*	*1*
Nitrobenzene-d5	*112*		*15 - 314*	*11/11/24 14:06*	*11/12/24 14:09*	*1*
Phenol-d5	*40*		*8 - 424*	*11/11/24 14:06*	*11/12/24 14:09*	*1*
p-Terphenyl-d14 (Surr)	*126*		*20 - 141*	*11/11/24 14:06*	*11/12/24 14:09*	*1*
2,4,6-Tribromophenol	*119*		*31 - 132*	*11/11/24 14:06*	*11/12/24 14:09*	*1*

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 860-199035/2-A
Matrix: Water
Analysis Batch: 199201

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199035

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	40.0	43.7		ug/L		109	60 - 132
1,2,4-Trichlorobenzene	0.0400	0.0383		mg/L		96	57 - 130
Acenaphthylene	40.0	43.7		ug/L		109	54 - 126
Anthracene	40.0	46.5		ug/L		116	43 - 120
Benzidine	40.0	<20	*-	ug/L		17	25 - 125
Benzo[a]anthracene	40.0	45.3		ug/L		113	42 - 133
Benzo[a]pyrene	40.0	50.0		ug/L		125	32 - 148
3,4-Benzofluoranthene	40.0	46.8		ug/L		117	42 - 140
Benzo[g,h,i]perylene	40.0	50.6		ug/L		126	13 - 195
Benzo[k]fluoranthene	40.0	47.7		ug/L		119	25 - 146
Bis(2-chloroethoxy)methane	40.0	41.6		ug/L		104	49 - 165
Bis(2-chloroethyl)ether	40.0	43.1		ug/L		108	43 - 126
Bis(2-ethylhexyl) phthalate	40.0	51.7		ug/L		129	29 - 137
4-Bromophenyl phenyl ether	0.0400	0.0445		mg/L		111	65 - 120
Butyl benzyl phthalate	40.0	43.9		ug/L		110	12 - 140
2-Chloronaphthalene	40.0	42.2		ug/L		106	65 - 120
2-Chlorophenol	40.0	39.3		ug/L		98	36 - 120
4-Chlorophenyl phenyl ether	40.0	43.9		ug/L		110	38 - 145
Chrysene	40.0	45.5		ug/L		114	44 - 140
Cresol, o-	40.0	34.6		ug/L		87	14 - 176
Dibenzo(a),h)anthracene	40.0	50.0		ug/L		125	16 - 200
3,3'-Dichlorobenzidine	40.0	38.5		ug/L		96	18 - 213
2,4-Dichlorophenol	40.0	41.3		ug/L		103	53 - 122
Diethyl phthalate	40.0	45.5		ug/L		114	17 - 120
2,4-Dimethylphenol	40.0	37.9		ug/L		95	42 - 120
Dimethyl phthalate	40.0	43.7		ug/L		109	25 - 120
Di-n-butyl phthalate	40.0	51.2	*+	ug/L		128	8 - 120
4,6-Dinitro-2-methylphenol	40.0	40.0		ug/L		100	53 - 130
2,4-Dinitrophenol	40.0	40.1		ug/L		100	12 - 173
2,4-Dinitrotoluene	40.0	48.8		ug/L		122	48 - 127
2,6-Dinitrotoluene	40.0	46.6		ug/L		117	68 - 137
Di-n-octyl phthalate	40.0	45.6		ug/L		114	19 - 132
1,2-Diphenylhydrazine	40.0	47.1		ug/L		118	28 - 136
Fluoranthene	40.0	49.6	*+	ug/L		124	43 - 121
Fluorene	40.0	44.4		ug/L		111	70 - 120
Hexachlorobenzene	40.0	43.2		ug/L		108	8 - 142
Hexachlorocyclopentadiene	40.0	38.6		ug/L		97	41 - 125
Hexachloroethane	40.0	38.1		ug/L		95	55 - 120
Indeno[1,2,3-cd]pyrene	40.0	50.5		ug/L		126	13 - 151
Isophorone	40.0	43.3		ug/L		108	47 - 180
m & p - Cresol	40.0	31.4		ug/L		78	14 - 176
Nitrobenzene	40.0	43.2		ug/L		108	54 - 158
2-Nitrophenol	40.0	43.9		ug/L		110	45 - 167
4-Nitrophenol	40.0	23.6		ug/L		59	13 - 129
N-Nitrosodiethylamine	40.0	55.5		ug/L		139	30 - 160
N-Nitrosodimethylamine	40.0	8.21	J	ug/L		21	20 - 125
N-Nitrosodi-n-butylamine	40.0	38.0		ug/L		95	33 - 141
N-Nitrosodi-n-propylamine	40.0	45.3		ug/L		113	14 - 198

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 860-199035/2-A
Matrix: Water
Analysis Batch: 199201

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199035

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
N-Nitrosodiphenylamine			40.0	45.8		ug/L		114	2 - 196		
2,2'-oxybis[1-chloropropane]			40.0	42.5		ug/L		106	63 - 139		
Pentachlorobenzene			40.0	41.7		ug/L		104	25 - 131		
Pentachlorophenol			40.0	44.3		ug/L		111	38 - 152		
Phenanthrene			40.0	44.9		ug/L		112	65 - 120		
Phenol			40.0	18.0		ug/L		45	17 - 120		
Pyrene			40.0	44.7		ug/L		112	70 - 120		
Pyridine			80.0	<10	*-	ug/L		2	5 - 94		
1,2,4,5-Tetrachlorobenzene			40.0	41.2		ug/L		103	41 - 125		
2,4,5-Trichlorophenol			40.0	46.4	*+	ug/L		116	35 - 111		
2,4,6-Trichlorophenol			40.0	47.0		ug/L		117	52 - 129		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*109*		*29 - 112*
2-Fluorophenol	*65*		*28 - 114*
Nitrobenzene-d5	*113*		*15 - 314*
Phenol-d5	*46*		*8 - 424*
p-Terphenyl-d14 (Surr)	*116*		*20 - 141*
2,4,6-Tribromophenol	*124*		*31 - 132*

Lab Sample ID: LCSD 860-199035/3-A
Matrix: Water
Analysis Batch: 199201

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199035

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene			40.0	48.8		ug/L		122	60 - 132	11	29
1,2,4-Trichlorobenzene			0.0400	0.0415		mg/L		104	57 - 130	8	30
Acenaphthylene			40.0	48.8		ug/L		122	54 - 126	11	30
Anthracene			40.0	53.4	*+	ug/L		133	43 - 120	14	30
Benzidine			40.0	<20	*1	ug/L		44	25 - 125	87	30
Benzo[a]anthracene			40.0	51.5		ug/L		129	42 - 133	13	30
Benzo[a]pyrene			40.0	55.6		ug/L		139	32 - 148	11	30
3,4-Benzofluoranthene			40.0	53.3		ug/L		133	42 - 140	13	30
Benzo[g,h,i]perylene			40.0	54.8		ug/L		137	13 - 195	8	30
Benzo[k]fluoranthene			40.0	55.8		ug/L		140	25 - 146	16	30
Bis(2-chloroethoxy)methane			40.0	44.7		ug/L		112	49 - 165	7	30
Bis(2-chloroethyl)ether			40.0	48.8		ug/L		122	43 - 126	12	30
Bis(2-ethylhexyl) phthalate			40.0	55.8	*+	ug/L		139	29 - 137	7	30
4-Bromophenyl phenyl ether			0.0400	0.0521	*+	mg/L		130	65 - 120	16	26
Butyl benzyl phthalate			40.0	48.3		ug/L		121	12 - 140	10	30
2-Chloronaphthalene			40.0	46.4		ug/L		116	65 - 120	9	15
2-Chlorophenol			40.0	41.5		ug/L		104	36 - 120	6	30
4-Chlorophenyl phenyl ether			40.0	48.6		ug/L		122	38 - 145	10	30
Chrysene			40.0	49.5		ug/L		124	44 - 140	9	30
Cresol, o-			40.0	37.6		ug/L		94	14 - 176	8	30
Dibenzo(a),h)anthracene			40.0	53.8		ug/L		134	16 - 200	7	30
3,3'-Dichlorobenzidine			40.0	46.8		ug/L		117	18 - 213	19	30
2,4-Dichlorophenol			40.0	46.1		ug/L		115	53 - 122	11	30

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 860-199035/3-A
Matrix: Water
Analysis Batch: 199201

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199035

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diethyl phthalate			40.0	51.6	*+	ug/L		129	17 - 120	12	30
2,4-Dimethylphenol			40.0	41.7		ug/L		104	42 - 120	10	30
Dimethyl phthalate			40.0	49.2	*+	ug/L		123	25 - 120	12	30
Di-n-butyl phthalate			40.0	56.5	*+	ug/L		141	8 - 120	10	28
4,6-Dinitro-2-methylphenol			40.0	47.1		ug/L		118	53 - 130	16	30
2,4-Dinitrophenol			40.0	46.7		ug/L		117	12 - 173	15	30
2,4-Dinitrotoluene			40.0	55.7	*+	ug/L		139	48 - 127	13	25
2,6-Dinitrotoluene			40.0	53.7		ug/L		134	68 - 137	14	29
Di-n-octyl phthalate			40.0	47.3		ug/L		118	19 - 132	4	30
1,2-Diphenylhydrazine			40.0	52.6		ug/L		132	28 - 136	11	30
Fluoranthene			40.0	55.8	*+	ug/L		140	43 - 121	12	30
Fluorene			40.0	49.8	*+	ug/L		125	70 - 120	12	23
Hexachlorobenzene			40.0	50.5		ug/L		126	8 - 142	16	30
Hexachlorocyclopentadiene			40.0	43.2		ug/L		108	41 - 125	11	30
Hexachloroethane			40.0	39.5		ug/L		99	55 - 120	4	30
Indeno[1,2,3-cd]pyrene			40.0	55.8		ug/L		139	13 - 151	10	30
Isophorone			40.0	46.5		ug/L		116	47 - 180	7	30
m & p - Cresol			40.0	32.9		ug/L		82	14 - 176	5	30
Nitrobenzene			40.0	46.5		ug/L		116	54 - 158	7	30
2-Nitrophenol			40.0	48.6		ug/L		121	45 - 167	10	30
4-Nitrophenol			40.0	26.4		ug/L		66	13 - 129	11	30
N-Nitrosodiethylamine			40.0	61.2		ug/L		153	30 - 160	10	30
N-Nitrosodimethylamine			40.0	9.98	J	ug/L		25	20 - 125	20	30
N-Nitrosodi-n-butylamine			40.0	41.9		ug/L		105	33 - 141	10	30
N-Nitrosodi-n-propylamine			40.0	47.4		ug/L		118	14 - 198	4	30
N-Nitrosodiphenylamine			40.0	52.4		ug/L		131	2 - 196	14	30
2,2'-oxybis[1-chloropropane]			40.0	43.8		ug/L		110	63 - 139	3	30
Pentachlorobenzene			40.0	47.8		ug/L		119	25 - 131	13	30
Pentachlorophenol			40.0	49.7		ug/L		124	38 - 152	12	30
Phenanthrene			40.0	50.6	*+	ug/L		126	65 - 120	12	30
Phenol			40.0	18.7		ug/L		47	17 - 120	4	30
Pyrene			40.0	50.5	*+	ug/L		126	70 - 120	12	30
Pyridine			80.0	<10	*1	ug/L		11	5 - 94	132	30
1,2,4,5-Tetrachlorobenzene			40.0	46.7		ug/L		117	41 - 125	12	30
2,4,5-Trichlorophenol			40.0	51.8	*+	ug/L		129	35 - 111	11	30
2,4,6-Trichlorophenol			40.0	54.4	*+	ug/L		136	52 - 129	15	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*128*	*S1+*	*29 - 112*
2-Fluorophenol	*71*		*28 - 114*
Nitrobenzene-d5	*123*		*15 - 314*
Phenol-d5	*48*		*8 - 424*
p-Terphenyl-d14 (Surr)	*135*		*20 - 141*
2,4,6-Tribromophenol	*150*	*S1+*	*31 - 132*

Method: 608.3 - Organochlorine Pesticides in Water

Lab Sample ID: MB 860-199234/1-A
Matrix: Water
Analysis Batch: 199434

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 199234

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.00081		0.010	0.00081	ug/L		11/12/24 12:23	11/13/24 13:19	1
4,4'-DDE	<0.0011		0.010	0.0011	ug/L		11/12/24 12:23	11/13/24 13:19	1
4,4'-DDT	<0.0038		0.020	0.0038	ug/L		11/12/24 12:23	11/13/24 13:19	1
Aldrin	<0.0011		0.010	0.0011	ug/L		11/12/24 12:23	11/13/24 13:19	1
alpha-BHC	<0.0014		0.0090	0.0014	ug/L		11/12/24 12:23	11/13/24 13:19	1
beta-BHC	<0.0039		0.018	0.0039	ug/L		11/12/24 12:23	11/13/24 13:19	1
Chlordane	<0.10		0.25	0.10	ug/L		11/12/24 12:23	11/13/24 13:19	1
delta-BHC	<0.0025		0.25	0.0025	ug/L		11/12/24 12:23	11/13/24 13:19	1
Dicofol	<0.050		0.10	0.050	ug/L		11/12/24 12:23	11/13/24 13:19	1
Dieldrin	<0.00095		0.010	0.00095	ug/L		11/12/24 12:23	11/13/24 13:19	1
Endosulfan I	<0.0011		0.010	0.0011	ug/L		11/12/24 12:23	11/13/24 13:19	1
Endosulfan II	<0.0012		0.010	0.0012	ug/L		11/12/24 12:23	11/13/24 13:19	1
Endosulfan sulfate	<0.0011		0.010	0.0011	ug/L		11/12/24 12:23	11/13/24 13:19	1
Endrin	<0.0016		0.010	0.0016	ug/L		11/12/24 12:23	11/13/24 13:19	1
Endrin aldehyde	<0.0012		0.010	0.0012	ug/L		11/12/24 12:23	11/13/24 13:19	1
gamma-BHC (Lindane)	<0.0030		0.010	0.0030	ug/L		11/12/24 12:23	11/13/24 13:19	1
Heptachlor	<0.0045		0.0090	0.0045	ug/L		11/12/24 12:23	11/13/24 13:19	1
Heptachlor epoxide	<0.0013		0.010	0.0013	ug/L		11/12/24 12:23	11/13/24 13:19	1
Methoxychlor	<0.0039		0.020	0.0039	ug/L		11/12/24 12:23	11/13/24 13:19	1
Mirex	<0.020		0.020	0.020	ug/L		11/12/24 12:23	11/13/24 13:19	1
Toxaphene	<0.077		0.20	0.077	ug/L		11/12/24 12:23	11/13/24 13:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*97*		*15 - 136*	*11/12/24 12:23*	*11/13/24 13:19*	*1*
Tetrachloro-m-xylene	*83*		*18 - 126*	*11/12/24 12:23*	*11/13/24 13:19*	*1*

Lab Sample ID: LCS 860-199234/2-A
Matrix: Water
Analysis Batch: 199434

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199234

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	0.100	0.0975		ug/L		97	31 - 141
4,4'-DDE	0.100	0.0905		ug/L		90	30 - 145
4,4'-DDT	0.100	0.0927		ug/L		93	25 - 160
Aldrin	0.100	0.0845		ug/L		85	42 - 140
alpha-BHC	0.100	0.0807		ug/L		81	37 - 140
beta-BHC	0.100	0.0954		ug/L		95	17 - 147
delta-BHC	0.100	0.0432	J	ug/L		43	19 - 140
Dieldrin	0.100	0.0939		ug/L		94	36 - 146
Endosulfan I	0.100	0.0980		ug/L		98	45 - 153
Endosulfan II	0.100	0.101		ug/L		101	22 - 171
Endosulfan sulfate	0.100	0.0816		ug/L		82	26 - 144
Endrin	0.100	0.115		ug/L		115	30 - 147
Endrin aldehyde	0.100	0.0841		ug/L		84	60 - 130
gamma-BHC (Lindane)	0.100	0.0909		ug/L		91	34 - 140
Heptachlor	0.100	0.0934		ug/L		93	34 - 140
Heptachlor epoxide	0.100	0.0948		ug/L		95	37 - 142
Methoxychlor	0.100	0.0989		ug/L		99	50 - 130

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Lab Sample ID: LCS 860-199234/2-A
Matrix: Water
Analysis Batch: 199434

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199234

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	104		15 - 136
Tetrachloro-m-xylene	83		18 - 126

Lab Sample ID: LCSD 860-199234/3-A
Matrix: Water
Analysis Batch: 199434

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199234

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD			0.100	0.0955		ug/L		96	31 - 141	2	30
4,4'-DDE			0.100	0.0878		ug/L		88	30 - 145	3	30
4,4'-DDT			0.100	0.0908		ug/L		91	25 - 160	2	30
Aldrin			0.100	0.0838		ug/L		84	42 - 140	1	30
alpha-BHC			0.100	0.0806		ug/L		81	37 - 140	0	30
beta-BHC			0.100	0.0942		ug/L		94	17 - 147	1	30
delta-BHC			0.100	0.0424	J	ug/L		42	19 - 140	2	30
Dieldrin			0.100	0.0917		ug/L		92	36 - 146	2	30
Endosulfan I			0.100	0.0965		ug/L		97	45 - 153	2	30
Endosulfan II			0.100	0.0979		ug/L		98	22 - 171	3	30
Endosulfan sulfate			0.100	0.0786		ug/L		79	26 - 144	4	30
Endrin			0.100	0.111		ug/L		111	30 - 147	3	30
Endrin aldehyde			0.100	0.0812		ug/L		81	60 - 130	4	30
gamma-BHC (Lindane)			0.100	0.0900		ug/L		90	34 - 140	1	30
Heptachlor			0.100	0.0929		ug/L		93	34 - 140	1	30
Heptachlor epoxide			0.100	0.0924		ug/L		92	37 - 142	3	30
Methoxychlor			0.100	0.0950		ug/L		95	50 - 130	4	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	97		15 - 136
Tetrachloro-m-xylene	80		18 - 126

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Lab Sample ID: MB 860-199234/1-A
Matrix: Water
Analysis Batch: 199432

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 199234

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.013		0.10	0.013	ug/L		11/12/24 12:23	11/13/24 13:19	1
PCB-1221	<0.013		0.10	0.013	ug/L		11/12/24 12:23	11/13/24 13:19	1
PCB-1232	<0.013		0.10	0.013	ug/L		11/12/24 12:23	11/13/24 13:19	1
PCB-1242	<0.013		0.10	0.013	ug/L		11/12/24 12:23	11/13/24 13:19	1
PCB-1248	<0.013		0.10	0.013	ug/L		11/12/24 12:23	11/13/24 13:19	1
PCB-1254	<0.0078		0.10	0.0078	ug/L		11/12/24 12:23	11/13/24 13:19	1
PCB-1260	<0.0078		0.10	0.0078	ug/L		11/12/24 12:23	11/13/24 13:19	1
Polychlorinated biphenyls, Total	<0.10		0.10	0.10	ug/L		11/12/24 12:23	11/13/24 13:19	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	96		18 - 126	11/12/24 12:23	11/13/24 13:19	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC) (Continued)

Lab Sample ID: MB 860-199234/1-A
Matrix: Water
Analysis Batch: 199432

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 199234

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	118		15 - 136	11/12/24 12:23	11/13/24 13:19	1

Lab Sample ID: LCS 860-199234/4-A
Matrix: Water
Analysis Batch: 199432

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199234

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			1.00	1.05	*+	ug/L		105	61 - 103		
PCB-1260			1.00	1.07		ug/L		107	37 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene (Surr)	101		18 - 126
DCB Decachlorobiphenyl (Surr)	123		15 - 136

Lab Sample ID: LCSD 860-199234/5-A
Matrix: Water
Analysis Batch: 199432

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199234

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016			1.00	1.13	*+	ug/L		113	61 - 103	8	24
PCB-1260			1.00	1.17		ug/L		117	37 - 130	9	28

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Tetrachloro-m-xylene (Surr)	103		18 - 126
DCB Decachlorobiphenyl (Surr)	124		15 - 136

Method: 615 - Herbicides (GC)

Lab Sample ID: MB 860-199186/1-A
Matrix: Water
Analysis Batch: 199436

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 199186

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	<0.054		0.20	0.054	ug/L		11/12/24 10:20	11/13/24 10:51	1
Silvex (2,4,5-TP)	<0.042		0.20	0.042	ug/L		11/12/24 10:20	11/13/24 10:51	1
Hexachlorophene	<0.81		5.0	0.81	ug/L		11/12/24 10:20	11/13/24 10:51	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	70		45 - 150	11/12/24 10:20	11/13/24 10:51	1

Lab Sample ID: LCS 860-199186/2-A
Matrix: Water
Analysis Batch: 199436

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199186

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
2,4-D			2.00	2.04		ug/L		102	55 - 145		
Silvex (2,4,5-TP)			2.00	2.30		ug/L		115	55 - 140		

Method: 615 - Herbicides (GC) (Continued)

Lab Sample ID: LCS 860-199186/2-A
Matrix: Water
Analysis Batch: 199436

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199186

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4-Dichlorophenylacetic acid	129		45 - 150

Lab Sample ID: LCS 860-199186/4-A
Matrix: Water
Analysis Batch: 199436

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199186

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Hexachlorophene			8.00	6.89		ug/L		86	60 - 135		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4-Dichlorophenylacetic acid	75		45 - 150
2,4-Dichlorophenylacetic acid	70		45 - 150

Lab Sample ID: LCSD 860-199186/3-A
Matrix: Water
Analysis Batch: 199436

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199186

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4-D			2.00	1.43	*1	ug/L		72	55 - 145	35	25
Silvex (2,4,5-TP)			2.00	1.67	*1	ug/L		83	55 - 140	32	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4-Dichlorophenylacetic acid	88		45 - 150

Lab Sample ID: LCSD 860-199186/5-A
Matrix: Water
Analysis Batch: 199436

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199186

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Hexachlorophene			8.00	6.42		ug/L		80	60 - 135	7	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4-Dichlorophenylacetic acid	70		45 - 150
2,4-Dichlorophenylacetic acid	65		45 - 150

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-199179/13
Matrix: Water
Analysis Batch: 199179

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<100		500	100	ug/L			11/13/24 12:57	1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 860-199179/48
Matrix: Water
Analysis Batch: 199179

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<100		500	100	ug/L			11/13/24 18:18	1

Lab Sample ID: MB 860-199179/81
Matrix: Water
Analysis Batch: 199179

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<100		500	100	ug/L			11/13/24 22:57	1

Lab Sample ID: LCS 860-199179/49
Matrix: Water
Analysis Batch: 199179

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	10000	10400		ug/L		104	90 - 110

Lab Sample ID: LCS 860-199179/82
Matrix: Water
Analysis Batch: 199179

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	10000	10700		ug/L		107	90 - 110

Lab Sample ID: LCSD 860-199179/15
Matrix: Water
Analysis Batch: 199179

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	10000	9790		ug/L		98	90 - 110	6	20

Lab Sample ID: LCSD 860-199179/50
Matrix: Water
Analysis Batch: 199179

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	10000	10400		ug/L		104	90 - 110	0	20

Lab Sample ID: LCSD 860-199179/83
Matrix: Water
Analysis Batch: 199179

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	10000	10600		ug/L		106	90 - 110	1	20

Lab Sample ID: LLCS 860-199179/17
Matrix: Water
Analysis Batch: 199179

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	500	470	J	ug/L		94	50 - 150

Method: 632 - Carbamate and Urea Pesticides (HPLC)

Lab Sample ID: MB 860-198387/1-A
Matrix: Water
Analysis Batch: 200183

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 198387

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbaryl	<1900		5000	1900	ug/L		11/07/24 14:05	11/15/24 18:48	1000
Diuron	<51		90	51	ug/L		11/07/24 14:05	11/15/24 18:48	1000

Lab Sample ID: LCS 860-198387/2-A
Matrix: Water
Analysis Batch: 200183

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 198387

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Carbaryl	100	114		ug/L		114	70 - 130
Diuron	2.00	2.39		ug/L		120	70 - 130

Lab Sample ID: LCSD 860-198387/3-A
Matrix: Water
Analysis Batch: 200183

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 198387

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Carbaryl	100	98.4		ug/L		98	70 - 130	15	20
Diuron	2.00	2.14		ug/L		107	70 - 130	11	20

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

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

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

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

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

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

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

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 860-198876/1-A
Matrix: Water
Analysis Batch: 199243

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 198876

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.35		2.0	0.35	ug/L		11/11/24 02:20	11/11/24 18:57	1
Aluminum	<3.0		20	3.0	ug/L		11/11/24 02:20	11/11/24 18:57	1
Arsenic	<0.93		4.0	0.93	ug/L		11/11/24 02:20	11/11/24 18:57	1
Barium	<0.95		4.0	0.95	ug/L		11/11/24 02:20	11/11/24 18:57	1
Beryllium	<0.38		2.0	0.38	ug/L		11/11/24 02:20	11/11/24 18:57	1
Cadmium	<0.26		2.0	0.26	ug/L		11/11/24 02:20	11/11/24 18:57	1
Chromium	<0.89		4.0	0.89	ug/L		11/11/24 02:20	11/11/24 18:57	1
Copper	<0.69		4.0	0.69	ug/L		11/11/24 02:20	11/11/24 18:57	1

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

Lab Sample ID: MB 860-198876/1-A
Matrix: Water
Analysis Batch: 199243

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 198876

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	<0.50		2.0	0.50	ug/L		11/11/24 02:20	11/11/24 18:57	1
Nickel	<0.49		2.0	0.49	ug/L		11/11/24 02:20	11/11/24 18:57	1
Lead	<0.37		2.0	0.37	ug/L		11/11/24 02:20	11/11/24 18:57	1
Antimony	<1.1		2.0	1.1	ug/L		11/11/24 02:20	11/11/24 18:57	1
Selenium	<0.69		2.0	0.69	ug/L		11/11/24 02:20	11/11/24 18:57	1
Thallium	<0.22		2.0	0.22	ug/L		11/11/24 02:20	11/11/24 18:57	1
Zinc	<0.89		4.0	0.89	ug/L		11/11/24 02:20	11/11/24 18:57	1

Lab Sample ID: LCS 860-198876/2-A
Matrix: Water
Analysis Batch: 199243

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 198876

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	50.0	50.7		ug/L		101	85 - 115
Aluminum	500	494		ug/L		99	85 - 115
Arsenic	100	96.2		ug/L		96	85 - 115
Barium	100	95.0		ug/L		95	85 - 115
Beryllium	100	97.7		ug/L		98	85 - 115
Cadmium	100	95.8		ug/L		96	85 - 115
Chromium	100	95.1		ug/L		95	85 - 115
Copper	100	96.3		ug/L		96	85 - 115
Molybdenum	100	97.6		ug/L		98	85 - 115
Nickel	100	95.4		ug/L		95	85 - 115
Lead	100	94.6		ug/L		95	85 - 115
Antimony	100	96.4		ug/L		96	85 - 115
Selenium	100	95.6		ug/L		96	85 - 115
Thallium	100	94.1		ug/L		94	85 - 115
Zinc	100	96.3		ug/L		96	85 - 115

Lab Sample ID: LCSD 860-198876/3-A
Matrix: Water
Analysis Batch: 199243

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 198876

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Silver	50.0	51.2		ug/L		102	85 - 115	1	20
Aluminum	500	497		ug/L		99	85 - 115	0	20
Arsenic	100	96.4		ug/L		96	85 - 115	0	20
Barium	100	95.4		ug/L		95	85 - 115	0	20
Beryllium	100	97.9		ug/L		98	85 - 115	0	20
Cadmium	100	96.5		ug/L		96	85 - 115	1	20
Chromium	100	95.7		ug/L		96	85 - 115	1	20
Copper	100	95.8		ug/L		96	85 - 115	1	20
Molybdenum	100	98.5		ug/L		99	85 - 115	1	20
Nickel	100	95.8		ug/L		96	85 - 115	0	20
Lead	100	95.7		ug/L		96	85 - 115	1	20
Antimony	100	97.0		ug/L		97	85 - 115	1	20
Selenium	100	95.9		ug/L		96	85 - 115	0	20
Thallium	100	95.1		ug/L		95	85 - 115	1	20
Zinc	100	96.3		ug/L		96	85 - 115	0	20

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

Lab Sample ID: LLCS 860-198876/4-A
Matrix: Water
Analysis Batch: 199243

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 198876

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	2.00	2.10		ug/L		105	50 - 150
Aluminum	20.0	20.3		ug/L		101	50 - 150
Arsenic	4.00	3.97	J	ug/L		99	50 - 150
Barium	4.00	3.90	J	ug/L		98	50 - 150
Beryllium	2.00	1.96	J	ug/L		98	50 - 150
Cadmium	2.00	2.00		ug/L		100	50 - 150
Chromium	4.00	4.04		ug/L		101	50 - 150
Copper	4.00	4.18		ug/L		105	50 - 150
Molybdenum	2.00	2.00		ug/L		100	50 - 150
Nickel	2.00	1.95	J	ug/L		98	50 - 150
Lead	2.00	1.99	J	ug/L		99	50 - 150
Antimony	2.00	1.97	J	ug/L		99	50 - 150
Selenium	2.00	1.62	J	ug/L		81	50 - 150
Thallium	2.00	2.00		ug/L		100	50 - 150
Zinc	4.00	3.95	J	ug/L		99	50 - 150

Method: 353.2 - Nitrogen, Nitrate-Nitrite

Lab Sample ID: MB 860-200358/3
Matrix: Water
Analysis Batch: 200358

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	<50		100	50	ug/L			11/16/24 21:38	1

Lab Sample ID: MB 860-200358/33
Matrix: Water
Analysis Batch: 200358

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	<50		100	50	ug/L			11/16/24 22:27	1

Lab Sample ID: LCS 860-200358/34
Matrix: Water
Analysis Batch: 200358

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	1000	1050		ug/L		105	90 - 110

Lab Sample ID: LCSD 860-200358/35
Matrix: Water
Analysis Batch: 200358

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate Nitrite as N	1000	1040		ug/L		104	90 - 110	2	20

Method: 353.2 - Nitrogen, Nitrate-Nitrite (Continued)

Lab Sample ID: LCSD 860-200358/5
Matrix: Water
Analysis Batch: 200358

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate Nitrite as N			1000	1040		ug/L		104	90 - 110	2	20

Method: 4500-CN E-2016 - Cyanide, Weak Acid Dissociable

Lab Sample ID: MB 410-578093/2-A
Matrix: Water
Analysis Batch: 578501

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 578093

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Weak Acid Dissociable	<5.0		10	5.0	ug/L		11/21/24 18:45	11/22/24 11:47	1

Lab Sample ID: LCS 410-578093/1-A
Matrix: Water
Analysis Batch: 578501

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 578093

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Weak Acid Dissociable			200	208		ug/L		104	80 - 120		

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

Lab Sample ID: MB 860-199202/24
Matrix: Water
Analysis Batch: 199202

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.0020		0.0050	0.0020	mg/L			11/11/24 12:55	1

Lab Sample ID: MB 860-199202/64
Matrix: Water
Analysis Batch: 199202

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.0020		0.0050	0.0020	mg/L			11/11/24 14:48	1

Lab Sample ID: LCS 860-199202/65
Matrix: Water
Analysis Batch: 199202

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			0.100	0.0962		mg/L		96	90 - 110		

Lab Sample ID: LCSD 860-199202/27
Matrix: Water
Analysis Batch: 199202

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total			0.100	0.109		mg/L		109	90 - 110	8	20

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

Lab Sample ID: LCSD 860-199202/66
Matrix: Water
Analysis Batch: 199202

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.100	0.0901		mg/L		90	90 - 110	7	20

Lab Sample ID: LLCS 860-199202/25
Matrix: Water
Analysis Batch: 199202

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.00500	0.00333	J	mg/L		67	50 - 150

Lab Sample ID: 560-122283-1 MS
Matrix: Water
Analysis Batch: 199202

Client Sample ID: Whitecap Final
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	<0.0020	F1	0.100	0.121	F1	mg/L		121	90 - 110

Lab Sample ID: 560-122283-1 MSD
Matrix: Water
Analysis Batch: 199202

Client Sample ID: Whitecap Final
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	<0.0020	F1	0.100	0.107		mg/L		107	90 - 110	12	20

Lab Sample ID: MB 860-199290/24
Matrix: Water
Analysis Batch: 199290

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.0020		0.0050	0.0020	mg/L			11/11/24 12:55	1

Lab Sample ID: MB 860-199290/64
Matrix: Water
Analysis Batch: 199290

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.0020		0.0050	0.0020	mg/L			11/11/24 14:48	1

Lab Sample ID: LCS 860-199290/65
Matrix: Water
Analysis Batch: 199290

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.100	0.0962		mg/L		96	90 - 110

Lab Sample ID: LCSD 860-199290/27
Matrix: Water
Analysis Batch: 199290

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.100	0.109		mg/L		109	90 - 110	8	20

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

Lab Sample ID: LCSD 860-199290/66
Matrix: Water
Analysis Batch: 199290

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total			0.100	0.0901		mg/L		90	90 - 110	7	20

Lab Sample ID: LLCS 860-199290/25
Matrix: Water
Analysis Batch: 199290

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

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			0.00500	0.00333	J	mg/L		67	50 - 150		

Lab Sample ID: 560-122283-1 MS
Matrix: Water
Analysis Batch: 199290

Client Sample ID: Whitecap Final
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total	<0.0020	F1	0.100	0.121	F1	mg/L		121	90 - 110		

Lab Sample ID: 560-122283-1 MSD
Matrix: Water
Analysis Batch: 199290

Client Sample ID: Whitecap Final
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	<0.0020	F1	0.100	0.107		mg/L		107	90 - 110	12	20

Method: SM 3500 CR B - Chromium, Hexavalent

Lab Sample ID: MB 560-218227/10
Matrix: Water
Analysis Batch: 218227

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium VI	<3.0		5.0	3.0	ug/L			11/06/24 15:30	1

Lab Sample ID: LCS 560-218227/11
Matrix: Water
Analysis Batch: 218227

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chromium VI			200	185		ug/L		93	85 - 115		

Lab Sample ID: 560-122283-3 MS
Matrix: Water
Analysis Batch: 218227

Client Sample ID: Whitecap Final
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chromium VI	<3.0		200	185		ug/L		93	85 - 115		

Method: SM 3500 CR B - Chromium, Hexavalent (Continued)

Lab Sample ID: 560-122283-3 MSD
Matrix: Water
Analysis Batch: 218227

Client Sample ID: Whitecap Final
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium VI	<3.0		200	185		ug/L		93	85 - 115	0	20

Accreditation/Certification Summary

Client: Water Utilities Laboratory
Project/Site: Whitecap Final, 11/6/24

Job ID: 560-122283-1

Laboratory: Eurofins Corpus Christi

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704210-22-30	03-31-25

Laboratory: Eurofins Cleveland

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

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-28-25
Connecticut	State	PH-0806	12-31-26
Georgia	State	4062	02-27-25
Illinois	NELAP	200004	08-31-25
Iowa	State	421	06-01-25
Kentucky (UST)	State	112225	02-27-25
Kentucky (WW)	State	KY98016	12-30-24
Minnesota	NELAP	039-999-348	12-31-24
New Hampshire	NELAP	225024	09-30-25
New Jersey	NELAP	OH001	07-03-25
New York	NELAP	10975	04-02-25
Ohio VAP	State	ORELAP 4062	02-27-25
Oregon	NELAP	4062	02-27-25
Pennsylvania	NELAP	68-00340	08-31-25
Texas	NELAP	T104704517-22-19	08-31-25
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-25
West Virginia DEP	State	210	12-31-24

Laboratory: Eurofins Eaton Analytical South Bend

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	ISO/IEC 17025	5794.01	07-31-26
Alabama	State	40700	06-30-25
Alaska	State	IN00035	06-30-25
Arizona	State	AZ0432	07-26-25
Arkansas (DW)	State	EPA IN00035	06-30-25
California	State	2920	06-30-25
Colorado	State	IN00035	02-28-25
Connecticut	State	PH-0132	03-31-26
Delaware (DW)	State	IN00035	06-30-25
Florida	NELAP	E87775	06-30-25
Georgia (DW)	State	929	06-30-25
Guam	State	23-011R	07-15-25
Hawaii	State	IN035	06-30-25
Idaho (DW)	State	IN00035	12-31-24
IL Dept. of Public Health (Micro)	State	17767	06-30-25
Illinois	NELAP	200001	09-30-25
Indiana	State	C-71-01	12-31-25
Indiana (Micro)	State	M-76-07	12-31-25
Iowa	State	IA Lab #098	11-01-25
Kansas	NELAP	E-10233	10-31-25
Kentucky (DW)	State	KY90056	12-31-24
Louisiana (DW)	State	LA014	12-31-24

Client: Water Utilities Laboratory
Job ID: 560-122283-1
Project/Site: Whitecap Final, 11/6/24

Laboratory: Eurofins Eaton Analytical South Bend (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
Maine	State	IN00035	11-13-24
Maryland	State	209	06-30-25
Massachusetts	State	M-IN035	06-30-25
MI - RadChem Recognition	State	9926	06-01-25
Michigan	State	9926	12-31-25
Minnesota	NELAP	1989807	11-12-24
Mississippi	State	IN00035	06-30-25
Missouri	State	880	09-30-27
Montana (DW)	State	CERT0026	01-01-25
Nebraska	State	NE-OS-05-04	06-30-25
Nevada	State	IN000352024-01	07-31-25
New Hampshire	NELAP	2124	11-05-24 *
New Jersey	NELAP	IN598	06-30-25
New Mexico	State	IN00035	06-30-25
New York	NELAP	11398	04-01-25
North Carolina (DW)	State	18700	07-31-25
North Dakota	State	R-035	06-30-24 *
Northern Mariana Islands (DW)	State	IN00035	06-30-25
Ohio	State	87775	06-30-25
Oklahoma	NELAP	D9508	12-31-24
Oregon	NELAP	4156	09-16-25
Pennsylvania	NELAP	68-00466	04-30-25
Puerto Rico	State	IN00035	04-01-25
Rhode Island	State	LAO00343	12-30-24
South Carolina	State	95005001	06-30-25
South Dakota (DW)	State	IN00035	06-30-25
Tennessee	State	TN02973	06-30-25
Texas	NELAP	T104704187-22-16	12-31-24
Texas	TCEQ Water Supply	TX207	06-30-25
USEPA UCMR 5	US Federal Programs	IN00035	12-31-25
Utah	NELAP	IN00035	07-31-25
Vermont	State	VT-8775	11-14-24
Virginia	NELAP	460275	03-14-25
Washington	State	C837	01-01-25
West Virginia (DW)	State	9927 C	11-14-24
Wisconsin	State	999766900	08-31-25
Wisconsin (Micro)	State	10121	12-31-24
Wyoming	State	8TMS-L	06-30-25

Laboratory: Eurofins Houston

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

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

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Accreditation/Certification Summary

Client: Water Utilities Laboratory
Project/Site: Whitecap Final, 11/6/24

Job ID: 560-122283-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

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	0001.01	11-30-26
A2LA	Dept. of Energy	0001.01	11-30-26
A2LA	ISO/IEC 17025	0001.01	11-30-26
Alabama	State	43200	01-31-25
Alaska	State	PA00009	06-30-25
Alaska (UST)	State	17-027	02-28-25
Arizona	State	AZ0780	03-12-25
Arkansas DEQ	State	88-00660	08-09-25
California	State	2792	11-30-24
Colorado	State	PA00009	06-30-25
Connecticut	State	PH-0746	06-30-25
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-25
Delaware (DW)	State	N/A	01-31-25
Florida	NELAP	E87997	06-30-25
Georgia (DW)	State	C048	01-31-25
Hawaii	State	N/A	01-31-25
Illinois	NELAP	200027	01-31-25
Iowa	State	361	03-01-26
Kansas	NELAP	E-10151	10-31-25
Kentucky (DW)	State	KY90088	12-31-24
Kentucky (UST)	State	0001.01	11-30-26
Kentucky (WW)	State	KY90088	12-31-24
Louisiana (All)	NELAP	02055	06-30-25
Maine	State	2019012	03-12-25
Maryland	State	100	06-30-25
Massachusetts	State	M-PA009	06-30-25
Michigan	State	9930	01-31-25
Minnesota	NELAP	042-999-487	12-31-24
Mississippi	State	023	01-31-25
Missouri	State	450	01-31-25
Montana (DW)	State	0098	01-01-25
Nebraska	State	NE-OS-32-17	01-31-25
New Hampshire	NELAP	2730	01-10-25
New Jersey	NELAP	PA011	06-30-25
New York	NELAP	10670	04-01-25
North Carolina (DW)	State	42705	07-31-25
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Oklahoma	NELAP	9804	08-31-24 *
Oregon	NELAP	PA200001	09-11-25
Pennsylvania	NELAP	36-00037	01-31-25
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-24
South Carolina	State	89002	01-31-25
Tennessee	State	02838	01-31-25
Texas	NELAP	T104704194-23-46	08-31-25
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-28-25
Virginia	NELAP	460182	06-14-25

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Accreditation/Certification Summary

Client: Water Utilities Laboratory
Project/Site: Whitecap Final, 11/6/24

Job ID: 560-122283-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (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
Washington	State	C457	04-11-25
West Virginia (DW)	State	9906 C	01-31-25
West Virginia DEP	State	055	07-31-25
Wyoming	State	8TMS-L	01-31-25
Wyoming (UST)	A2LA	0001.01	11-30-26

Method Summary

Client: Water Utilities Laboratory
Project/Site: Whitecap Final, 11/6/24

Job ID: 560-122283-1

Method	Method Description	Protocol	Laboratory
524.2	Total Trihalomethanes	EPA-DW	EA SB
524.2	Volatile Organic Compounds (GC/MS)	EPA-DW	EA SB
624.1	Volatile Organic Compounds (GC/MS)	EPA	EET HOU
625.1	Semivolatile Organic Compounds (GC/MS)	EPA	EET HOU
608.3	Organochlorine Pesticides in Water	EPA	EET HOU
608.3	Polychlorinated Biphenyls (PCBs) (GC)	EPA	EET HOU
615	Herbicides (GC)	EPA-01	EET HOU
300.0	Anions, Ion Chromatography	EPA	EET HOU
632	Carbamate and Urea Pesticides (HPLC)	EPA-01	EET HOU
1631E	Mercury, Low Level (CVAFS)	EPA	EET CLE
200.8	Metals (ICP/MS)	EPA	EET HOU
353.2	Nitrogen, Nitrate-Nitrite	EPA	EET HOU
4500-CN E-2016	Cyanide, Weak Acid Dissociable	SM	ELLE
Kelada 01	Cyanide, Total, Acid Dissociable and Thiocyanate	EPA	EET HOU
SM 3500 CR B	Chromium, Hexavalent	SM	EET CC
Subcontract	614 Parathion and Malathion (Ana Lab)	None	SPL
Subcontract	622 Guthion, Chlorpyrifos, Demeton, Diazinon (Ana Lab)	None	SPL
Subcontract	632 Danitol (Ana Lab)	None	SPL
1631E	Preparation, Mercury, Low Level	EPA	EET CLE
200.8	Preparation, Total Recoverable Metals	EPA	EET HOU
3511	Microextraction of Organic Compounds	SW846	EET HOU
4500 CN I-2016	Cyanide, Distillation for Weak Acid Dissociable	SM	ELLE
608	Liquid-Liquid Extraction (Separatory Funnel)	EPA	EET HOU
625	Liquid-Liquid Extraction	EPA	EET HOU
CWA_Prep	Liquid-Liquid Extraction (Separatory Funnel)	EPA	EET HOU

Protocol References:

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.

EPA-DW = "Methods For The Determination Of Organic Compounds In Drinking Water", EPA/600/4-88/039, December 1988 And Its Supplements.

None = None

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EA SB = Eurofins Eaton Analytical South Bend, 110 S Hill Street, South Bend, IN 46617, TEL (574)233-4777

EET CC = Eurofins Corpus Christi, 1733 N. Padre Island Drive, Corpus Christi, TX 78408, TEL (361)289-2471

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

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

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

SPL = SPL Kilgore, 2600 Dudley Rd, Kilgore, TX 75662

Sample Summary

Client: Water Utilities Laboratory
Project/Site: Whitecap Final, 11/6/24

Job ID: 560-122283-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
560-122283-1	Whitecap Final	Water	11/06/24 06:00	11/06/24 08:12
560-122283-2	Whitecap Final Field Blank	Water	11/06/24 06:00	11/06/24 08:12
560-122283-3	Whitecap Final	Water	11/06/24 06:00	11/06/24 08:12

2600 Dudley Rd. Kilgore, Texas 75662
24 Waterway Avenue, Suite 375 The Woodlands, TX 77380
Office: 903-984-0551 * Fax: 903-984-5914

Project
1124517

TAML-G

Eurofins TestAmerica,Corpus Christi
Lindy Maingot
1733 N. Padre Island Drive
Corpus Christi, TX 78408

Printed 11/20/2024
15:58

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Email: Kilgore.ProjectManagement@spllabs.com

2600 Dudley Rd. Kilgore, Texas 75662
24 Waterway Avenue, Suite 375 The Woodlands, TX 77380
*Office: 903-984-0551 * Fax: 903-984-5914*

SAMPLE CROSS REFERENCE

Project
1124517

Printed 11/20/2024 Page 1 of 1
Whitecap Final 560-122283-1

Eurofins TestAmerica,Corpus Christi
Lindy Maingot
1733 N. Padre Island Drive
Corpus Christi, TX 78408

Sample	Sample ID	Taken	Time	Received
2352558	*Whitecap Final 560-122283-1*	11/06/2024	06:00:00	11/07/2024

Bottle 01 Client supplied H2SO4 Amber Glass
Bottle 02 Client supplied H2SO4 Amber Glass
Bottle 03 Client supplied H2SO4 Amber Glass
Bottle 04 Client supplied H2SO4 Amber Glass
Bottle 05 Prepared Bottle: 632L\632S 2 mL Autosampler Vial (Batch 1146682) Volume: 1.00000 mL <== Derived from 02 (1053 ml)
Bottle 06 Prepared Bottle: OPXL/OPXS 2 mL Autosampler Vial (Batch 1146684) Volume: 1.00000 mL <== Derived from 02 (1053 ml)

Method	Bottle	PrepSet	Preparation	QcGroup	Analytical
EPA 632	05	1146682	11/07/2024	1148758	11/19/2024
EPA 614	06	1146684	11/07/2024	1147975	11/13/2024
EPA 622	06	1146684	11/07/2024	1147989	11/13/2024

Email: Kilgore.ProjectManagement@spllabs.com

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24 Waterway Avenue, Suite 375 The Woodlands, TX 77380
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Project
1124517

Eurofins TestAmerica,Corpus Christi
Lindy Maingot
1733 N. Padre Island Drive
Corpus Christi, TX 78408

Printed: 11/20/2024

RESULTS

Sample Results

2352558 **Whitecap Final 560-122283-1** Received: 11/07/2024

Non-Potable Water | Collected by: Client | Eurofins TestAmerica | PO: US1313848678
Taken: 11/06/2024 06:00:00

EPA 614 Prepared: 1146684 11/08/2024 06:00:00 Analyzed 1147975 11/13/2024 04:49:00 KAP

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	**Malathion**	**<0.0475**	**ug/L**	0.0475		**121-75-5**	06
NELAC	**Parathion, ethyl**	**<0.0475**	**ug/L**	0.0475		**56-38-2**	06
NELAC	**Parathion, methyl**	**<0.0475**	**ug/L**	0.0475		**298-00-0**	06

EPA 622 Prepared: 1146684 11/08/2024 06:00:00 Analyzed 1147989 11/13/2024 04:49:00 KAP

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	**Azinphos-methyl (Guthion)**	**<0.0475**	**ug/L**	0.0475		**86-50-0**	06
NELAC	**Chlorpyrifos**	**<0.0475**	**ug/L**	0.0475		**2921-88-2**	06
NELAC	**Demeton**	**<0.0475**	**ug/L**	0.0475		**8065-48-3**	06
NELAC	**Diazinon**	**<0.0475**	**ug/L**	0.0475		**333-41-5**	06
NELAC	**Malathion**	**<0.0475**	**ug/L**	0.0475		**121-75-5**	06
NELAC	**Parathion, ethyl**	**<0.0475**	**ug/L**	0.0475		**56-38-2**	06
NELAC	**Parathion, methyl**	**<0.0475**	**ug/L**	0.0475		**298-00-0**	06

EPA 632 Prepared: 1146682 11/08/2024 06:00:00 Analyzed 1148758 11/19/2024 19:20:00 BRU

	Parameter	Results	Units	RL	Flags	CAS	Bottle
z	**Danitol**	**<0.095**	**ug/L**	0.095		**64357-84-7**	05

Sample Preparation

2352558 **Whitecap Final 560-122283-1** Received: 11/07/2024

US1313848678

11/06/2024

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TAML-G

Project 1124517

Eurofins TestAmerica, Corpus Christi
Lindy Maingot
1733 N. Padre Island Drive
Corpus Christi, TX 78408

Printed: 11/20/2024

2352558 **Whitecap Final 560-122283-1**

Received: 11/07/2024

US1313848678

11/06/2024

		Prepared:		*11/07/2024*	*14:01:25*	*Calculated*		*11/07/2024*	*14:01:25*	*CAL*
z	**Environmental Fee (per Project)**	**Verified**								
EPA 608.3		*Prepared:*	*1146684*	*11/08/2024*	*06:00:00*	*Analyzed*	*1146684*	*11/08/2024*	*06:00:00*	*CRS*
	Solvent Extraction	**1/1053**	**ml**							02
EPA 614		*Prepared:*	*1146684*	*11/08/2024*	*06:00:00*	*Analyzed*	*1147975*	*11/13/2024*	*04:49:00*	*KAP*
z	**Parathion/Malathion EXP**	**Entered**								06
EPA 622		*Prepared:*	*1146684*	*11/08/2024*	*06:00:00*	*Analyzed*	*1147989*	*11/13/2024*	*04:49:00*	*KAP*
z	**Table 1 Organophosphorous Pestic**	**Entered**								06
EPA 632		*Prepared:*	*1146682*	*11/08/2024*	*06:00:00*	*Analyzed*	*1146682*	*11/08/2024*	*06:00:00*	*CRS*
	Liquid-Liquid Extr. W/Hex Ex	**1/1053**	**ml**							02
EPA 632		*Prepared:*	*1146682*	*11/08/2024*	*06:00:00*	*Analyzed*	*1148758*	*11/19/2024*	*19:20:00*	*BRU*
z	**Danitol Exp**	**Entered**								05

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TAML-G

Project
1124517

Eurofins TestAmerica, Corpus Christi
Lindy Maingot
1733 N. Padre Island Drive
Corpus Christi, TX 78408

Printed: 11/20/2024

Qualifiers:

We report results on an As Received (or Wet) basis unless marked Dry Weight.

Unless otherwise noted, testing was performed at SPL, Inc.- Kilgore laboratory which holds International, Federal, and state accreditations. Please see our Websites for details.

(N)ELAC - Covered in our NELAC scope of accreditation
z -- Not covered by our NELAC scope of accreditation

These analytical results relate to the sample tested. This report may NOT be reproduced EXCEPT in FULL without written approval of SPL Kilgore. Unless otherwise specified, these test results meet the requirements of NELAC.
RL is the Reporting Limit (sample specific quantitation limit) and is at or above the Method Detection Limit (MDL). CAS is Chemical Abstract Service number. RL is our Reporting Limit, or Minimum Quantitation Level. The RL takes into account the Instrument Detection Limit (IDL), Method Detection Limit (MDL), and Practical Quantitation Limit (PQL), and any dilutions and/or concentrations performed during sample preparation (EQL). Our analytical result must be above this RL before we report a value in the 'Results' column of our report (without a 'J' flag). Otherwise, we report ND (Not Detected above RL), because the result is "<" (less than) the number in the RL column. MAL is Minimum Analytical Level and is typically from regulatory agencies. Unless we report a result in the result column, or interferences prevent it, we work to have our RL at or below the MAL.

Bill Peery, MS, VP Technical Services

QUALITY CONTROL

TAML-G

Eurofins TestAmerica,Corpus Christi
Lindy Maingot
1733 N. Padre Island Drive
Corpus Christi, TX 78408

Project
1124517

Printed 11/20/2024

Analytical Set 1147975 — EPA 614

Blank

Parameter	PrepSet	Reading	MDL	MQL	Units	File
Malathion	1146684	ND	24.8	50.0	ug/L	127024948
Parathion, ethyl	1146684	ND	23.9	50.0	ug/L	127024948
Parathion, methyl	1146684	ND	27.4	50.0	ug/L	127024948

CCV

Parameter	Reading	Known	Units	Recover%	Limits%	File
Malathion	950	1000	ug/L	95.0	49.5 - 160	127024947
Malathion	1070	1000	ug/L	107	49.5 - 160	127024953
Malathion	1010	1000	ug/L	101	49.5 - 160	127024955
Parathion, ethyl	931	1000	ug/L	93.1	56.0 - 142	127024947
Parathion, ethyl	1010	1000	ug/L	101	56.0 - 142	127024953
Parathion, ethyl	800	1000	ug/L	80.0	56.0 - 142	127024955
Parathion, methyl	949	1000	ug/L	94.9	12.6 - 194	127024947
Parathion, methyl	901	1000	ug/L	90.1	12.6 - 194	127024953
Parathion, methyl	719	1000	ug/L	71.9	12.6 - 194	127024955

LCS Dup

Parameter	PrepSet	LCS	LCSD	Known	Limits%	LCS%	LCSD%	Units	RPD	Limit%
Malathion	1146684	443	469	1000	0.100 - 130	44.3	46.9	ug/L	5.70	30.0
Parathion, ethyl	1146684	534	560	1000	0.100 - 122	53.4	56.0	ug/L	4.75	30.0
Parathion, methyl	1146684	485	507	1000	0.100 - 131	48.5	50.7	ug/L	4.44	30.0

Surrogate

Parameter	Sample	Type	Reading	Known	Units	Recover%	Limits%	File
Tributylphosphate		CCV	954	2000	ug/L	47.7	0.100 - 106	127024947
Tributylphosphate		CCV	1060	2000	ug/L	53.0	0.100 - 106	127024953
Tributylphosphate		CCV	979	2000	ug/L	49.0	0.100 - 106	127024955
Triphenylphosphate		CCV	947	2000	ug/L	47.4	0.100 - 172	127024947
Triphenylphosphate		CCV	1180	2000	ug/L	59.0	0.100 - 172	127024953
Triphenylphosphate		CCV	1110	2000	ug/L	55.5	0.100 - 172	127024955
Tributylphosphate	1146684	Blank	70.5	2000	ug/L	3.52	0.100 - 106	127024948
Tributylphosphate	1146684	LCS	460	2000	ug/L	23.0	0.100 - 106	127024949
Tributylphosphate	1146684	LCS Dup	494	2000	ug/L	24.7	0.100 - 106	127024950
Triphenylphosphate	1146684	Blank	266	2000	ug/L	13.3	0.100 - 172	127024948
Triphenylphosphate	1146684	LCS	501	2000	ug/L	25.0	0.100 - 172	127024949
Triphenylphosphate	1146684	LCS Dup	516	2000	ug/L	25.8	0.100 - 172	127024950
Tributylphosphate	2352558	Unknown	0.455	1.90	ug/L	23.9	0.100 - 106	127024954
Triphenylphosphate	2352558	Unknown	0.664	1.90	ug/L	34.9	0.100 - 172	127024954

Analytical Set 1147989 — EPA 622

Blank

Parameter	PrepSet	Reading	MDL	MQL	Units	File
Azinphos-methyl (Guthion)	1146684	ND	0.0001844	0.050	ug/L	127025257
Chlorpyrifos	1146684	ND	0.0000904	0.050	ug/L	127025257

QUALITY CONTROL

TAML-G

Eurofins TestAmerica,Corpus Christi
Lindy Maingot
1733 N. Padre Island Drive
Corpus Christi, TX 78408

Project
1124517

Printed 11/20/2024

Blank

Parameter	PrepSet	Reading	MDL	MQL	Units	File
Demeton	1146684	ND	0.0001628	0.050	ug/L	127025257
Diazinon	1146684	ND	0.0001728	0.050	ug/L	127025257
Malathion	1146684	ND	0.0001864	0.050	ug/L	127025257
Parathion, ethyl	1146684	ND	0.0001168	0.050	ug/L	127025257
Parathion, methyl	1146684	ND	0.000198	0.050	ug/L	127025257

CCV

Parameter	Reading	Known	Units	Recover%	Limits%	File
Azinphos-methyl (Guthion)	943	1000	ug/L	94.3	37.0 - 150	127025256
Azinphos-methyl (Guthion)	1130	1000	ug/L	113	37.0 - 150	127025262
Azinphos-methyl (Guthion)	1040	1000	ug/L	104	37.0 - 150	127025263
Chlorpyrifos	954	1000	ug/L	95.4	48.0 - 150	127025256
Chlorpyrifos	1230	1000	ug/L	123	48.0 - 150	127025262
Chlorpyrifos	1290	1000	ug/L	129	48.0 - 150	127025263
Demeton	935	1000	ug/L	93.5	16.0 - 150	127025256
Demeton	1110	1000	ug/L	111	16.0 - 150	127025262
Demeton	993	1000	ug/L	99.3	16.0 - 150	127025263
Diazinon	936	1000	ug/L	93.6	50.0 - 150	127025256
Diazinon	1170	1000	ug/L	117	50.0 - 150	127025262
Diazinon	1100	1000	ug/L	110	50.0 - 150	127025263
Malathion	950	1000	ug/L	95.0	50.0 - 150	127025256
Malathion	1070	1000	ug/L	107	50.0 - 150	127025262
Malathion	1010	1000	ug/L	101	50.0 - 150	127025263
Parathion, ethyl	931	1000	ug/L	93.1	50.0 - 150	127025256
Parathion, ethyl	1010	1000	ug/L	101	50.0 - 150	127025262
Parathion, ethyl	800	1000	ug/L	80.0	50.0 - 150	127025263
Parathion, methyl	949	1000	ug/L	94.9	50.0 - 150	127025256
Parathion, methyl	901	1000	ug/L	90.1	50.0 - 150	127025262
Parathion, methyl	719	1000	ug/L	71.9	50.0 - 150	127025263

LCS Dup

Parameter	PrepSet	LCS	LCSD	Known	Limits%	LCS%	LCSD%	Units	RPD	Limit%
Azinphos-methyl (Guthion)	1146684	0.585	0.613	1.00	0.100 - 167	58.5	61.3	ug/L	4.67	30.0
Chlorpyrifos	1146684	0.528	0.559	1.00	0.100 - 128	52.8	55.9	ug/L	5.70	30.0
Demeton	1146684	0.442	0.469	1.00	0.100 - 119	44.2	46.9	ug/L	5.93	30.0
Diazinon	1146684	0.492	0.520	1.00	0.100 - 143	49.2	52.0	ug/L	5.53	30.0
Malathion	1146684	0.443	0.469	1.00	0.100 - 156	44.3	46.9	ug/L	5.70	30.0
Parathion, ethyl	1146684	0.534	0.560	1.00	0.100 - 148	53.4	56.0	ug/L	4.75	30.0
Parathion, methyl	1146684	0.485	0.507	1.00	0.100 - 154	48.5	50.7	ug/L	4.44	30.0

Surrogate

Parameter	Sample	Type	Reading	Known	Units	Recover%	Limits%	File
Tributylphosphate		CCV	954	1000	ug/L	95.4	0.100 - 115	127025256
Tributylphosphate		CCV	1060	1000	ug/L	106	0.100 - 115	127025262
Tributylphosphate		CCV	979	1000	ug/L	97.9	0.100 - 115	127025263
Triphenylphosphate		CCV	947	1000	ug/L	94.7	0.100 - 115	127025256

Email: Kilgore.ProjectManagement@spllabs.com

QUALITY CONTROL

TAML-G

Eurofins TestAmerica,Corpus Christi
Lindy Maingot
1733 N. Padre Island Drive
Corpus Christi, TX 78408

Project
1124517

Printed 11/20/2024

Surrogate

Parameter	Sample	Type	Reading	Known	Units	Recover%	Limits%	File
Triphenylphosphate		CCV	1180	1000	ug/L	118 *	0.100 - 115	127025262
Triphenylphosphate		CCV	1110	1000	ug/L	111	0.100 - 115	127025263
Tributylphosphate	1146684	Blank	70.5	1000	ug/L	7.05	0.100 - 115	127025257
Tributylphosphate	1146684	LCS	460	1000	ug/L	46.0	0.100 - 115	127025258
Tributylphosphate	1146684	LCS Dup	494	1000	ug/L	49.4	0.100 - 115	127025259
Triphenylphosphate	1146684	Blank	266	1000	ug/L	26.6	0.100 - 115	127025257
Triphenylphosphate	1146684	LCS	501	1000	ug/L	50.1	0.100 - 115	127025258
Triphenylphosphate	1146684	LCS Dup	516	1000	ug/L	51.6	0.100 - 115	127025259

Analytical Set 1148758 EPA 632

Blank

Parameter	PrepSet	Reading	MDL	MQL	Units	File
Danitol	1146682	126	100	100	ug/L	127045674

CCV

Parameter	Reading	Known	Units	Recover%	Limits%	File
Danitol	1060	1000	ug/L	106	70.0 - 130	127045673
Danitol	1060	1000	ug/L	106	70.0 - 130	127045677
Danitol	876	1000	ug/L	87.6	70.0 - 130	127045681
Danitol	931	1000	ug/L	93.1	70.0 - 130	127045682

LCS Dup

Parameter	PrepSet	LCS	LCSD	Known	Limits%	LCS%	LCSD%	Units	RPD	Limit%
Danitol	1146682	684	686	1000	0.100 - 334	68.4	68.6	ug/L	0.292	30.0

* Out RPD is Relative Percent Difference: abs(r1-r2) / mean(r1,r2) * 100% Recover% is Recovery Percent: result / known * 100%

Blank - Method Blank (reagent water or other blank matrices that contains all reagents except standard(s) and is processed simultaneously with and under the same conditions as samples; carried through preparation and analytical procedures exactly like a sample; monitors); CCV - Continuing Calibration Verification (same standard used to prepare the curve; typically a mid-range concentration; verifies the continued validity of the calibration curve); LCS Dup - Laboratory Control Sample Duplicate (replicate LCS; analyzed when there is insufficient sample for duplicate or MSD; quantifies accuracy and precision.); Surrogate - Surrogate (mimics the analyte of interest but is unlikely to be found in environmental samples; added to analytical samples for QC purposes. **ANSI/ASQC E4 1994 Ref #4 TRADE QA Resources Guide.)

1124517 CoC Print Group 001 of 001

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

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Maingot, Lindy	Carrier Tracking No(s): N/A	COC No: 560-30676.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Lindy.Maingot@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: Ana-Lab Corporation		Accreditations Required (See note): NELAP - Texas		Job #: 560-122283-1
Address: 2600 Dudley Rd,	Due Date Requested: 11/19/2024	Analysis Requested		Preservation Codes: -
City: Kilgore	TAT Requested (days): N/A			
State, Zip: TX, 75662				
Phone: N/A	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Whitecap Final, 11/6/24	Project #: 56009919			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Preservation Code:	Filtered Sample (Yes or No)	SUB (622 Guthion, Chlorpyrifos, Demeton, Diazinon (Ana Lab))/ 622 Guthion, Chlorpyrifos, Demeton, Diaz	SUB (614 Parathion and Malathion (Ana Lab))/ 614 Parathion and Malathion (Ana Lab)	SUB (622 Dantol (Ana Lab))/ 632 Dantol (Ana Lab)	Special Instructions/Note:
Whitecap Final (560-122283-1)	11/6/24	06:00 Central	G	Water			X	X	X	2552658

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

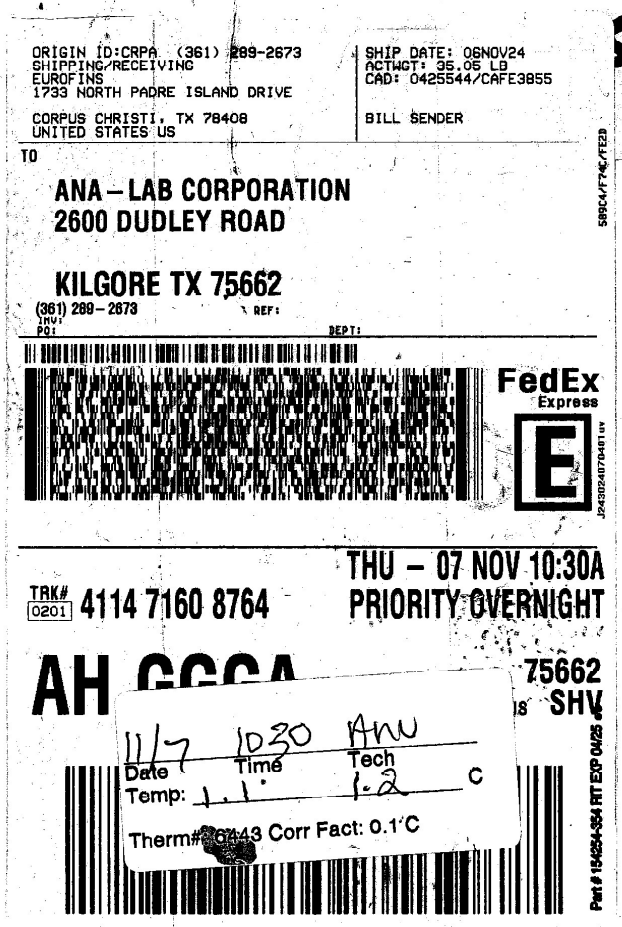
Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
		11/7/24 1700		Fedex		
	Relinquished by: Fedex	Date/Time: 11/7/24 1030	Company	Received by: Whitwood	Date/Time: 11/8/24 1030	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 10/10/2024



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

CORPUS CHRISTI, TX 78408
UNITED STATES US

SHIP DATE: 06NOV24
ACTWGT: 35.05 LB
CAD: 0425544/CAFE3855

BILL SENDER

TO

ANA-LAB CORPORATION
2600 DUDLEY ROAD

KILGORE TX 75662
(361) 289-2673

INV:
PO:
REF:
DEPT:

FedEx Express

TRK# 0201 4114 7160 8764

THU - 07 NOV 10:30A
PRIORITY OVERNIGHT

AH GGGA

75662
SHV

11/7 1030 ANV
Date Time Tech
Temp: 1.1° 1.2 C
Therm# [redacted]3 Corr Fact: 0.1°C

Part # 154254-334 RT EXP 04/25

Report Page 10 of 10

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

Chain of Custody Record

560-122283 Chain of Custody

Testing

Client Information	Sampler:	Lab PM: Maingot, Lindy	Carrier:	State of:
Client Contact: Crystal Ybanez	Phone:	E-Mail: Lindy.Maingot@et.eurofinsus.com		
Company: Water Utilities Laboratory	PWSID:			
Address: 13101 Leopard St.	Due Date Requested:			
City: Corpus Christi	TAT Requested (days):			
State, Zip: TX, 78410	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Pretreatment			
Email: CrystalY@cctexas.com	WO #:			
Project Name: Whitecap Final	Project #: 56009919			
Site: PRETREATMENT	SSOW#:			

122283

Analysis Requested

Preservation Codes:
N None
S H2SO4
HA AscbAcd&HCL
D HNO3
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1631E 1631 E Mercury, Low Level (Canton)	SUBCONTRACT 614 Parathion and Malathion (Ana Lab)	SUBCONTRACT 622 Guthion, Chlorpyrifos, Demeton, Diaz	SUBCONTRACT 632 Danitol (Ana Lab)	3500_CR_B 3500_CR_B Chromium, Hexavalent	624.2_Pres_PREC Trihalomethanes	624.2_TTHM_Sum Total Trihalomethanes Summary	615_MOD 615.2 Herbicides + Hexachlorphene C. 1	608.3 608.3/3511 Pesticides/PCBs C.1 and 2 Lis	353.2 353.2 Nitrogen, Nitrate-Nitrite (Houston	300_ORGFM_28D 300 Fluoride (Houston)	200.8 200.8 Metals (15)	625.1 (MOD) 625.1 C. 1 and.2 SVOCs (Includes N	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	S	S	S	N	HA	N	N	N	S	N	D	N		
Whitecap Final	6 NOV 24	0600	G	Water			X	X	X	X		X	X	X	X	X	X		X		PH-7.2
Witecap Final Field Blank	6 NOV 24	0600	G	Water			X														
WHITECAP FINAL	6 NOV 24	0600	C	WATER							X							X			

Loc: 560
122283

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: ALFREDO GARCIA GARCIA	Date/Time: 6 NOV 24 / 0811	Company: CITY OF C.C. TX	Received by:	Date/Time: 11/6/24 812	Company: FX
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 3.7/3.9 CBL-74

Ver: 05/06/2024

11/22/2024

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

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler:	Lab PM: Maingot, Lindy	Carrier Tracking No(s):	COC No: 560-50360-8807.2
Client Contact: Crystal Ybanez	Phone:	E-Mail: Lindy Maingot@et.eurofinsus.com	State of Origin:	Page: Page 2 of 2
Company: Water Utilities Laboratory	PWSID:			Job #: 122283

Address: 13101 Leopard St.	Due Date Requested:
City: Corpus Christi	TAT Requested (days):
State, Zip: TX, 78410	Compliance Project: Δ Yes Δ No
Phone:	PO #: Pretreatment
Email: CrystalY@cctexas.com	WO #:
Project Name: Whitecap Final	Project #: 56009919
Site: PRETREATMENT	SSOW#:

Analysis Requested

Preservation Codes.
N None
B NaOH
HB AscbAcd&NaOH
A HCL
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	[illegible]	632 (MOD) 632 Pesticides C.1 and 2 List (Hou	624.1 (MOD) 624.1 Volatiles C.1 and 2 Volatil	Kelada_01 Kelada_01 Total Cyanide	4500_CN_I 4500_CN_I Cyanide, Weak Acid Dissociabl	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	B	HB		
Whitecap Final	6NOV24	0600	G	Water			X	X	X	X		PH-7.2
~~Whitecap Final Field Blank~~				~~Water~~								

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
ALFREDO GARCIA GARCIA / [signature]	6NOV24/0811	CITY OF CC TX	[signature]	11/6/24 8:12	EX

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 3.7/3.9 GTR-44

Ver: 05/06/2024

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

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Maingot, Lindy	Carrier Tracking No(s): N/A	COC No: 560-30679.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Lindy Maingot@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: Eurofins Environment Testing North Centr		Accreditations Required (See note): NELAP Texas		Job #: 560-122283-1
Address: 180 S. Van Buren Avenue,	Due Date Requested: 11/19/2024			Preservation Codes:
City: Barberton	TAT Requested (days): N/A			
State, Zip: OH, 44203				
Phone: 330-497-9396(Tel) 330-497-0772(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Whitecap Final, 11/6/24	Project #: 56009919			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1631E/1631E_Prep 1631 E Mercury, Low Level (Canton)	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
Whitecap Final (560-122283-1)	11/6/24	06:00 Central	G	Water			X	1	
Whitecap Final Field Blank (560-122283-2)	11/6/24	06:00 Central	G	Water			X	1	

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

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

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	11/6/24 1700		MALISSA LOAR	11-7-24 9:15	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

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

Client Eur Corpus Christi Site Name _____ Cooler unpacked by: MALISSA LOAR

Cooler Received on 11-7-24 Opened on 11-7-24

FedEx. 1st Grd Exp UPS FAS Waypoint Client Drop Off Eurofins Courier Other _____

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

Eurofins Cooler # 4e Foam Box Client Cooler Box Other _____

Packing material used: Bubble Wrap Foam Plastic Bag None Other _____

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1 Cooler temperature upon receipt ☐ See Multiple Cooler Form

IR GUN # 17 (CF +0.1 °C) Observed Cooler Temp. 4.8 °C Corrected Cooler Temp 4.9 °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity____	Yes	No
-Were the seals on the outside of the cooler(s) signed & dated?	Yes	No NA
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes	No
-Were tamper/custody seals intact and uncompromised?	Yes	No NA
3 Shippers' packing slip attached to the cooler(s)?	Yes	No
4. Did custody papers accompany the sample(s)?	Yes	No
5 Were the custody papers relinquished & signed in the appropriate place?	Yes	No
6. Was/were the person(s) who collected the samples clearly identified on the COC?	Yes	No
7 Did all bottles arrive in good condition (Unbroken)?	Yes	No
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC?	Yes	No
9 For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp(Y/N)?		
10 Were correct bottle(s) used for the test(s) indicated?	Yes	No
11 Sufficient quantity received to perform indicated analyses?	Yes	No
12. Are these work share samples and all listed on the COC?	Yes	No
If yes, Questions 13-17 have been checked at the originating laboratory		
13 Were all preserved sample(s) at the correct pH upon receipt?	Yes	No NA pH Strip Lot# HC447997
14 Were VOAs on the COC?	Yes	No
15 Were air bubbles >6 mm in any VOA vials? ● ← Larger than this.	Yes	No NA
16 Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #_____	Yes	No
17 Was a LL Hg or Me Hg trip blank present? _____	Yes	No

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

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

Concerning _____

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

Samples processed by:

_____

_____

_____

_____

19 SAMPLE CONDITION

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

Sample(s) _____ were received in a broken container

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

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory

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

VOA Sample Preservation - Date/Time VOAs Frozen. _____

(361) 289-2673
PADRE ISLAND DRIVE
TX 78408
STATES US

SHIPPING/RECEIVING
180 S VAN BUREN AVENUE
BARBERTON OH 44203

REF:
DEPT:

SHIP DATE: 06NOV24
ACTWGT: 16.35 LB
CAD: 0425544/CAFE3855
BILL SENDER

FedEx
Express

E

TRK# 0201 4114 7160 8683

XN CAKA

THU - 07 NOV 10:30A
PRIORITY OVERNIGHT

44203
OH-US CLE

Part # 154254-554 RIT EXP 04/25

J243024070407uy

589C4/F74C/FE2D

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

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Maingot, Lindy	Carrier Tracking No(s): N/A	COC No: 560-30678.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Lindy.Maingot@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - Texas		Job #: 560-122283-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 11/20/2024			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Whitecap Final, 11/6/24	Project #: 56009919			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	4500_CN_I/4500_CN_I_Prep 4500_CN_I Cyanide, Weak Acid Dissociabl	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
Whitecap Final (560-122283-1)	11/6/24	06:00 Central	G	Water			X	1	

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

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

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		11/6/24 1700				
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by: Debra A. Byrne	Date/Time: 11-7-24 09:50	Company ECLS

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 1.2 - 1.4 C: 1.2

Login Sample Receipt Checklist

Client: Water Utilities Laboratory

Job Number: 560-122283-1

Login Number: 122283

List Source: Eurofins Corpus Christi

List Number: 1

Creator: Stacy, Taylor

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

Login Sample Receipt Checklist

Client: Water Utilities Laboratory

Job Number: 560-122283-1

Login Number: 122283
List Number: 5
Creator: Trowbridge, Peyton

List Source: Eurofins Eaton Analytical South Bend
List Creation: 11/07/24 12:32 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	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	
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	
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	
Samples do not require splitting or compositing.	True	
Container provided by EEA	True	

Login Sample Receipt Checklist

Client: Water Utilities Laboratory

Job Number: 560-122283-1

Login Number: 122283
List Number: 4
Creator: Baker, Jeremiah

List Source: Eurofins Houston
List Creation: 11/07/24 10:40 AM

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

Login Sample Receipt Checklist

Client: Water Utilities Laboratory

Job Number: 560-122283-1

Login Number: 122283
List Number: 3
Creator: Arroyo, Haley

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 11/07/24 11:27 AM

Question	Answer	Comment
The cooler's custody seal is 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 acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	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	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

Corpus Christi Water Department

City of Corpus Christi
Water Utilities Laboratory
13101 Leopard Street
361-826-1200 Fax: 361-242-9131

Analytical Report

Client Info Whitecap WWTP
13409 Whitecap Blvd.
Corpus Christi, TX 78418

Phone: (361) 826-4142 **EMAIL:** whitecapreports@cctexas.com

Report# /Lab ID#: AC39802 **Report Date:** 9/19/24
Sample Name: EFF
Date Received: 09/05/2024 **Time:** 09:58
Date Sampled: 09/04/2024 **Time:** 06:00

Parameter	Result	Unit	Flag	RL [5]	Date/Time Analyzed	Method	Analyst	Analysis Comments
Ammonia by Probe	0.08	mg/L	J	0.1	9/10/24 08:49	SM 4500 NH3 D -2	FK	
Chloride by Titration	898	mg/l		10	9/6/24 13:50	SM 4500 Cl-B	VP	
Nitrate by IC	6.6	mg/L	O, H	0.10	9/10/24 10:35	EPA 300.0	EUROFINS	
Nitrite by IC	< 0.070	mg/L	O, H	0.10	9/10/24 10:35	EPA 300.0	EUROFINS	
Sulfate	370	mg/L	O	0.50	9/10/24 10:35	EPA 300.0	EUROFINS	
Total Alkalinity (to a pH of 4.5)	110	mg/l		20	9/6/24 12:50	SM 2320 B	VM	
Total Dissolved Solids	1914	mg/L		50.0	9/11/24 13:06	SM 2540 C	VP	
Total Kjeldahl Nitrogen	1.18	mg/L		0.20	9/12/24 09:18	EPA 351.4	FK	
Total Phosphorus	2.3	mg/L			9/5/24 11:15	EPA 365.1	VM	
Total Suspended Solids	<2.5	mg/L		2.5	9/9/24 08:47	SM 2540 D	FK, VM	

Sample Comments:

This analytical report is respectfully submitted by the Water Utilities Laboratory. The enclosed results reflect only the sample(s) identified above. The results have been carefully reviewed and, unless otherwise indicated, meet the NELAC requirements as described by the Water Utilities Lab's QA/QC program. No part of this report shall be reproduced or transmitted in any form or by any means without the written consent of the City of Corpus Christi-Water Utilities Lab.

Respectfully Submitted,

Crystal Ybanez

Technical Director (or designee)

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Z=Too many colonies present to provide a result (TNTC). **A**=Value reported is the mean of two or more determinations . **R**=Reagent water contamination suspected. **B**=Sample broken in transit.
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E= The data exceed the upper calibration limit; therefore the concentration is reported as an estimate.

CHAIN OF CUSTODY RECORD

Client Name: WHITECAP WWTP (PRETREATMENT)
Address: 13909 WHITECAP BLVD
City: C.C. State: TX Zip: 78418
Phone: (361) 826-4142 Fax: N/A

Send Email report to

Water Utilities Laboratory
13101 Leopard St.
Corpus Christi, TX 78410
Ph: (361) 826-1200
Fax: (361) 242-9131

Sampler (PLEASE PRINT) ALFREDO GARCIA GARCIA

Sample ID	Lab ID# (Lab Use Only)	Date Sampled	Time Sampled	Grab	Composite	Other	No. of Containers/ Preservative: H_2SO_4	HNO_3	Thio	None	Matrix: WW Influent	WW Effluent	Water	Other-Specify	Residual Chlorine: Total mg/L	Free mg/L	Analyze For: CBOD	BOD	TSS	TDS	Ammonia-N	TKN	Chloride	Sulfate	Phosphorus	Nitrate	Nitrite	Total Alkalinity	TOC	Fecal Coliform	Total Coliform	Enterococci	E. coli	Other* HEM
1 EFF	AC39801 (1/2)	4SEP24	0600		X		X					X									X	X			X								
2 EFF	↓	4SEP24	0600		X					X		X					X		X	X			X	X	X	X							
3 EFF	AC39807 (1/3)	5SEP24	0720	X					X			X																			X		
4 EFF	AC39803 (2/3)	5SEP24	0720	X			X					X																					X
5 EFF	AC39802 (3/3)	4SEP24	0600	X								X															X						
6																																	

Relinquished By:		Date: 5SEP24	Time: 0958	
Received By:		Date: 9/5/24	Time: 0958	
Relinquished By:		Date:	Time:	
Received By:		Date:	Time:	

******* For Laboratory Use Only *******

Sample(s) on ice: (YES) NO — pH Strip Lot/ ID: W2808
Receiving Temp (°C): 4.3 — pH < 2? (YES) NO — Line(s) #: 1
Corrected Temp (°C): 4.3
Temp. Device ID: A

Special Instructions/Comments: PH- 7.4 DISSOLVED OXYGEN- ~~5.3~~ 6.0 AMW
FIELD TEST TIME - 0732

Corpus Christi Water
CCW
Serving the Coastal Bend

City of Corpus Christi
Water Utilities Laboratory
13101 Leopard Street
361-826-1200 Fax: 361-242-9131

Analytical Report

Client Info Whitecap WWTP
13409 Whitecap Blvd.
Corpus Christi, TX 78418

Phone: (361) 826-4142 **EMAIL:** whitecapreports@cctexas.com

Report# /Lab ID#: AC39804 **Report Date:** 9/11/24
Sample Name: EFF
Date Received: 09/05/2024 **Time:** 09:58
Date Sampled: 09/05/2024 **Time:** 07:20

Parameter	Result	Unit	Flag	RL 5	Date/Time Analyzed	Method	Analyst	Analysis Comments
Oil and Grease	1.5	mg/l	K,J	5.0	9/10/24 08:26	EPA 1664 B	FK/VP	

Sample Comments:

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Respectfully Submitted,

Technical Director (or designee)

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CHAIN OF CUSTODY RECORD

Client Name: WHITECAP WWTP (PRETREATMENT)
Address: 13909 WHITECAP BLVD
City: C.C. State: TX Zip: 78418
Phone: (361) 826-4142 Fax: N/A

Send Email report to

Water Utilities Laboratory
13101 Leopard St.
Corpus Christi, TX 78410
Ph: (361) 826-1200
Fax: (361) 242-9131

Sampler (PLEASE PRINT) ALFREDO GARCIA GARCIA

Sample ID	Lab ID# (Lab Use Only)	Date Sampled	Time Sampled	Grab	Composite	Other	No. of Containers/ Preservative: H_2SO_4	HNO_3	Thio	None	Matrix: WW Influent	WW Effluent	Water	Other-Specify	Residual Chlorine: Total mg/L	Free mg/L	Analyze For: CBOD	BOD	TSS	TDS	Ammonia-N	TKN	Chloride	Sulfate	Phosphorus	Nitrate	Nitrite	Total Alkalinity	TOC	Fecal Coliform	Total Coliform	Enterococci	E. coli	Other* HEM
1 EFF	AC39180 (K12)	4SEP24	0600		X		X					X									X	X			X								
2 EFF	↓	4SEP24	0600		X					X		X					X		X	X			X	X		X	X						
3 EFF	AC39180 (K13)	5SEP24	0720	X					X			X																			X		
4 EFF	AC39180 (K14)	5SEP24	0720	X			X					X																					X
5 EFF	AC39180 (K12)	4SEP24	0600	X								X															X						
6																																	

Relinquished By: [signature] Date: 5SEP24 Time: 0958
Received By: [signature] Date: 9/5/24 Time: 0958
Relinquished By: Date: Time:
Received By: Date: Time:

Special Instructions/Comments: PH - 7.4 DISSOLVED OXYGEN - ~~5.3~~ 6.0 AMW
FIELD TEST TIME - 0732

***** For Laboratory Use Only *****

Sample(s) on ice: (YES) NO pH Strip Lot/ ID: W2808
Receiving Temp (°C): 4.3 pH < 2? (YES) NO Line(s) #: 1
Corrected Temp (°C): 4.3
Temp. Device ID: A

Corpus Christi Water
CCW
Serving the Coastal Bend

Corpus Christi Water Department

City of Corpus Christi
Water Utilities Laboratory
13101 Leopard Street
361-826-1200 Fax: 361-242-9131

Analytical Report

Client Info Whitecap WWTP
13409 Whitecap Blvd.
Corpus Christi, TX 78418

Phone: (361) 826-4142 **EMAIL:** whitecapreports@cctexas.com

Report# /Lab ID#: AC39803 **Report Date:** 9/6/24
Sample Name: EFF
Date Received: 09/05/2024 **Time:** 09:58
Date Sampled: 09/05/2024 **Time:** 07:20

Parameter	Result	Unit	Flag	RL [5]	Date/Time Analyzed	Method	Analyst	Analysis Comments
Enterococci	<1.0	MPN		1.0	9/5/24 14:40	Enterolert	VM/MS	

Sample Comments:

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E= The data exceed the upper calibration limit; therefore the concentration is reported as an estimate.

CHAIN OF CUSTODY RECORD

Client Name: WHITECAP WWTP (PRETREATMENT)
Address: 13909 WHITECAP BLVD
City: C.C. State: TX Zip: 78418
Phone: (361) 826-4142 Fax: N/A

Send Email report to

Water Utilities Laboratory
13101 Leopard St.
Corpus Christi, TX 78410
Ph: (361) 826-1200
Fax: (361) 242-9131

Sampler (PLEASE PRINT) ALFREDO GARCIA GARCIA

Sample ID	Lab ID# (Lab Use Only)	Date Sampled	Time Sampled	Grab	Composite	Other	No. of Containers/ Preservative: H_2SO_4	HNO_3	Thio	None	Matrix: WW Influent	WW Effluent	Water	Other-Specify	Residual Chlorine: Total mg/L	Free mg/L	Analyze For: CBOD	BOD	TSS	TDS	Ammonia-N	TKN	Chloride	Sulfate	Phosphorus	Nitrate	Nitrite	Total Alkalinity	TOC	Fecal Coliform	Total Coliform	Enterococci	E. coli	Other* HEM
1 EFF	AC39180 (K12)	4SEP24	0600		X		X					X									X	X			X								
2 EFF	↓	4SEP24	0600		X					X		X					X		X	X			X	X		X	X						
3 EFF	AC39180 (K13)	5SEP24	0720	X					X			X																			X		
4 EFF	AC39180 (K14)	5SEP24	0720	X			X					X																					X
5 EFF	AC39180 (K12)	4SEP24	0600	X								X															X						
6																																	

Relinquished By: [signature] Date: 5SEP24 Time: 0958
Received By: [signature] Date: 9/5/24 Time: 0958
Relinquished By: Date: Time:
Received By: Date: Time:

Special Instructions/Comments: PH - 7.4 DISSOLVED OXYGEN - ~~5.3~~ 6.0 AMW
FIELD TEST TIME - 0732

***** For Laboratory Use Only *****

Sample(s) on ice: (YES) NO pH Strip Lot/ ID: W2808
Receiving Temp (°C): 4.3 pH < 2? (YES) NO Line(s) #: 1
Corrected Temp (°C): 4.3
Temp. Device ID: A

Corpus Christi Water
CCW
Serving the Coastal Bend

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Crystal Ybanez
Water Utilities Laboratory
13101 Leopard St.
Corpus Christi, Texas 78410

Generated 1/27/2025 2:58:47 PM

JOB DESCRIPTION

Whitecap Effluent, 1/15/25

JOB NUMBER

560-123677-1

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

See page two for job notes and contact information.

Job Notes

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

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

Authorization

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1/27/2025 2:58:47 PM

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

Client: Water Utilities Laboratory
Job ID: 560-123677-1
Project/Site: Whitecap Effluent, 1/15/25

Glossary

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

Job ID: 560-123677-1 — Eurofins Corpus Christi

Job Narrative
560-123677-1

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

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

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

Receipt
The samples were received on 1/15/2025 10:10 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.3°C.

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

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

Detection Summary

Client: Water Utilities Laboratory
Project/Site: Whitecap Effluent, 1/15/25

Job ID: 560-123677-1

Client Sample ID: Whitecap Effluent — Lab Sample ID: 560-123677-1

No Detections.

Client Sample ID: Whitecap Effluent — Lab Sample ID: 560-123677-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	12		4.0	0.69	ug/L	1		200.8	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Water Utilities Laboratory
Job ID: 560-123677-1
Project/Site: Whitecap Effluent, 1/15/25

Client Sample ID: Whitecap Effluent
Lab Sample ID: 560-123677-1
Date Collected: 01/15/25 09:00
Matrix: Water
Date Received: 01/15/25 10:10

Method: EPA-01 632 - Carbamate and Urea Pesticides (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbaryl	<1.9		5.0	1.9	ug/L		01/20/25 05:56	01/25/25 01:16	1
Diuron	<0.051		0.090	0.051	ug/L		01/20/25 05:56	01/25/25 01:16	1

Client Sample ID: Whitecap Effluent
Lab Sample ID: 560-123677-2
Date Collected: 01/15/25 06:00
Matrix: Water
Date Received: 01/15/25 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	12		4.0	0.69	ug/L		01/17/25 10:30	01/17/25 19:42	1

Method: 632 - Carbamate and Urea Pesticides (HPLC)

Lab Sample ID: MB 860-211635/1-A
Matrix: Water
Analysis Batch: 212677

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 211635

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbaryl	<1.9		5.0	1.9	ug/L		01/20/25 05:56	01/24/25 16:12	1
Diuron	<0.051		0.090	0.051	ug/L		01/20/25 05:56	01/24/25 16:12	1

Lab Sample ID: LCS 860-211635/2-A
Matrix: Water
Analysis Batch: 212677

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 211635

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Carbaryl	100	97.9		ug/L		98	70 - 130
Diuron	2.00	2.20		ug/L		110	70 - 130

Lab Sample ID: LCSD 860-211635/3-A
Matrix: Water
Analysis Batch: 212677

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 211635

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Carbaryl	100	108		ug/L		108	70 - 130	10	20
Diuron	2.00	2.37		ug/L		118	70 - 130	7	20

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 860-211361/1-A
Matrix: Water
Analysis Batch: 211730

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 211361

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	<0.69		4.0	0.69	ug/L		01/17/25 10:30	01/17/25 18:31	1

Lab Sample ID: LCS 860-211361/2-A
Matrix: Water
Analysis Batch: 211730

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 211361

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Copper	100	96.7		ug/L		97	85 - 115

Lab Sample ID: LCSD 860-211361/3-A
Matrix: Water
Analysis Batch: 211730

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 211361

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Copper	100	96.9		ug/L		97	85 - 115	0	20

Lab Sample ID: LLCS 860-211361/4-A
Matrix: Water
Analysis Batch: 211730

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 211361

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Copper	4.00	4.30		ug/L		108	50 - 150

Accreditation/Certification Summary

Client: Water Utilities Laboratory
Project/Site: Whitecap Effluent, 1/15/25

Job ID: 560-123677-1

Laboratory: Eurofins Houston

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

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

Method Summary

Client: Water Utilities Laboratory
Job ID: 560-123677-1
Project/Site: Whitecap Effluent, 1/15/25

Method	Method Description	Protocol	Laboratory
632	Carbamate and Urea Pesticides (HPLC)	EPA-01	EET HOU
200.8	Metals (ICP/MS)	EPA	EET HOU
200.8	Preparation, Total Recoverable Metals	EPA	EET HOU
CWA_Prep	Liquid-Liquid Extraction (Separatory Funnel)	EPA	EET HOU

Protocol References:

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.

Laboratory References:

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

Sample Summary

Client: Water Utilities Laboratory
Project/Site: Whitecap Effluent, 1/15/25

Job ID: 560-123677-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
560-123677-1	Whitecap Effluent	Water	01/15/25 09:00	01/15/25 10:10
560-123677-2	Whitecap Effluent	Water	01/15/25 06:00	01/15/25 10:10

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

Chain of Custody Record

560-123677 Chain of Custody

Client Information	Sampler:	Lab PM: Maingot, Lindy	Carrier Tracking No(s):
Client Contact: Crystal Ybanez	Phone:	E-Mail: Lindy.Maingot@et.eurofinsus.com	State of Origin:
Company: Water Utilities Laboratory	PWSID:	Analysis Requested	Job #: 1231077
Address: 13101 Leopard St.	Due Date Requested:		Preservation Codes: N None
City: Corpus Christi	TAT Requested (days):		
State, Zip: TX, 78410	Compliance Project: Δ Yes Δ No		
Phone:	PO #: Pretreatment		
Email: CrystalY@cctexas.com	WO #:		
Project Name: Whitecap Effluent	Project #: 56009919		
Site: PRETREATMENT	SSOW#:		Other: 200.8 METALS (COPPER ONLY)

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	632 (MOD) 632 Pesticides C.1 and 2 List (Hou	200.8 METALS (COPPER ONLY)	Total Number of containers	Special Instructions/Note:
			Preservation Code:			N	D		
Whitecap Effluent	15JAN25	0900	G	Water		X		1	PH-7.5
WHITECAP EFFLUENT	15JAN25	0600	C	WATER			X	1	

Loc: 560
123677

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

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
ALFREDO GARCIA GARCIA	15JAN25/1010	CITY OF CC TX		1/15/25 1010	EXCC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 3.1°/3.3°C IR-14

Ver: 05/06/2024

Login Sample Receipt Checklist

Client: Water Utilities Laboratory

Job Number: 560-123677-1

Login Number: 123677

List Source: Eurofins Corpus Christi

List Number: 1

Creator: Stacy, Taylor

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

Login Sample Receipt Checklist

Client: Water Utilities Laboratory

Job Number: 560-123677-1

Login Number: 123677
List Number: 2
Creator: Baker, Jeremiah

List Source: Eurofins Houston
List Creation: 01/16/25 09:58 AM

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

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ANALYTICAL REPORT

PREPARED FOR

Attn: Crystal Ybanez
Water Utilities Laboratory
13101 Leopard St.
Corpus Christi, Texas 78410

Generated 1/23/2025 6:43:21 PM

JOB DESCRIPTION

Whitecap Effluent, 1/17/25

JOB NUMBER

560-123751-1

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

See page two for job notes and contact information.

Job Notes

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

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

Authorization

Generated
1/23/2025 6:43:21 PM

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

Definitions/Glossary

Client: Water Utilities Laboratory
Project/Site: Whitecap Effluent, 1/17/25

Job ID: 560-123751-1

Qualifiers

Metals

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

Glossary

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

Job Narrative
560-123751-1

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

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

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

Receipt
The sample was received on 1/17/2025 9:14 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.2°C.

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

Detection Summary

Client: Water Utilities Laboratory
Project/Site: Whitecap Effluent, 1/17/25

Job ID: 560-123751-1

Client Sample ID: Whitecap Effluent

Lab Sample ID: 560-123751-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	13		4.0	0.69	ug/L	1		200.8	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Water Utilities Laboratory
Project/Site: Whitecap Effluent, 1/17/25

Job ID: 560-123751-1

Client Sample ID: Whitecap Effluent
Date Collected: 01/17/25 06:00
Date Received: 01/17/25 09:14

Lab Sample ID: 560-123751-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	13		4.0	0.69	ug/L		01/23/25 09:44	01/23/25 15:21	1

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 860-212156/1-A
Matrix: Water
Analysis Batch: 212276

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 212156

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	<0.69		4.0	0.69	ug/L		01/23/25 09:43	01/23/25 15:15	1

Lab Sample ID: LCS 860-212156/2-A
Matrix: Water
Analysis Batch: 212276

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 212156

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Copper	100	94.4		ug/L		94	85 - 115

Lab Sample ID: LCSD 860-212156/3-A
Matrix: Water
Analysis Batch: 212276

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 212156

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Copper	100	93.8		ug/L		94	85 - 115	1	20

Lab Sample ID: LLCS 860-212156/4-A
Matrix: Water
Analysis Batch: 212276

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 212156

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Copper	4.00	3.94	J	ug/L		98	50 - 150

Lab Sample ID: 560-123751-1 MS
Matrix: Water
Analysis Batch: 212276

Client Sample ID: Whitecap Effluent
Prep Type: Total Recoverable
Prep Batch: 212156

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Copper	13		100	92.9		ug/L		80	70 - 130

Lab Sample ID: 560-123751-1 MSD
Matrix: Water
Analysis Batch: 212276

Client Sample ID: Whitecap Effluent
Prep Type: Total Recoverable
Prep Batch: 212156

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Copper	13		100	105		ug/L		92	70 - 130	13	20

Accreditation/Certification Summary

Client: Water Utilities Laboratory
Project/Site: Whitecap Effluent, 1/17/25

Job ID: 560-123751-1

Laboratory: Eurofins Houston

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

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

Method Summary

Client: Water Utilities Laboratory
Project/Site: Whitecap Effluent, 1/17/25

Job ID: 560-123751-1

Method	Method Description	Protocol	Laboratory
200.8	Metals (ICP/MS)	EPA	EET HOU
200.8	Preparation, Total Recoverable Metals	EPA	EET HOU

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

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

Sample Summary

Client: Water Utilities Laboratory
Project/Site: Whitecap Effluent, 1/17/25

Job ID: 560-123751-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
560-123751-1	Whitecap Effluent	Water	01/17/25 06:00	01/17/25 09:14

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

Chain of Custody Record

560-123751 Chain of Custody

Client Information	Sampler:	Lab PM: Maingot, Lindy	Carrier Track
Client Contact: Crystal Ybanez	Phone:	E-Mail: Lindy Maingot@et.eurofinsus.com	State of Origi.

Page 1 of
Job #: 123751

Company: Water Utilities Laboratory	PWSID:
Address: 13101 Leopard St.	Due Date Requested:
City: Corpus Christi	TAT Requested (days):
State, Zip: TX, 78410	Compliance Project: Δ Yes Δ No
Phone:	PO #: Pretreatment
Email: CrystalY@cctexas.com	WO #:
Project Name: Whitecap Effluent	Project #: 56009919
Site: PRETREATMENT	SSOW#:

Analysis Requested

Preservation Codes:
N None
Other: 200.8 METALS (COPPER ONLY)

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	[redacted]	[redacted]	200.8 METALS (COPPER ONLY)											Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	N	D											X	
Whitecap Effluent	17JAN25	0600	C	Water				X												PH-7.5

Loc: 560
123751

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
ALFREDO GARCIA GARCIA / [signature]	17JAN25/0914	CITY OF CC-TX	[signature]	1/17/25 0914	EXCC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 5.0°/5.2°C IR-14

Ver: 05/06/2024

Login Sample Receipt Checklist

Client: Water Utilities Laboratory

Job Number: 560-123751-1

Login Number: 123751

List Source: Eurofins Corpus Christi

List Number: 1

Creator: Stacy, Taylor

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

Login Sample Receipt Checklist

Client: Water Utilities Laboratory

Job Number: 560-123751-1

Login Number: 123751
List Number: 2
Creator: Baker, Jeremiah

List Source: Eurofins Houston
List Creation: 01/18/25 12:28 PM

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

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ANALYTICAL REPORT

PREPARED FOR

Attn: Crystal Ybanez
Water Utilities Laboratory
13101 Leopard St.
Corpus Christi, Texas 78410

Generated 1/27/2025 5:13:44 PM

JOB DESCRIPTION

Whitecap Effluent, 1/21/25

JOB NUMBER

560-123812-1

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

See page two for job notes and contact information.

Job Notes

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

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

Authorization

Generated
1/27/2025 5:13:44 PM

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

Glossary

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

Job ID: 560-123812-1 — Eurofins Corpus Christi

Job Narrative
560-123812-1

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

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

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

Receipt
The sample was received on 1/22/2025 9:40 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.0°C.

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

Detection Summary

Client: Water Utilities Laboratory
Job ID: 560-123812-1
Project/Site: Whitecap Effluent, 1/21/25

Client Sample ID: Whitecap Effluent
Lab Sample ID: 560-123812-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	11		4.0	0.69	ug/L	1		200.8	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Water Utilities Laboratory
Job ID: 560-123812-1
Project/Site: Whitecap Effluent, 1/21/25

Client Sample ID: Whitecap Effluent
Lab Sample ID: 560-123812-1
Date Collected: 01/21/25 08:30
Matrix: Water
Date Received: 01/22/25 09:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	11		4.0	0.69	ug/L		01/24/25 18:34	01/27/25 15:15	1

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 860-212646/1-A
Matrix: Water
Analysis Batch: 212984

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 212646

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	<0.69		4.0	0.69	ug/L		01/24/25 18:34	01/27/25 13:30	1

Lab Sample ID: LCS 860-212646/2-A
Matrix: Water
Analysis Batch: 212984

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 212646

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Copper	100	96.4		ug/L		96	85 - 115

Lab Sample ID: LCSD 860-212646/3-A
Matrix: Water
Analysis Batch: 212984

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 212646

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Copper	100	95.9		ug/L		96	85 - 115	1	20

Lab Sample ID: LLCS 860-212646/4-A
Matrix: Water
Analysis Batch: 212984

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 212646

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Copper	4.00	4.19		ug/L		105	50 - 150

Accreditation/Certification Summary

Client: Water Utilities Laboratory
Project/Site: Whitecap Effluent, 1/21/25

Job ID: 560-123812-1

Laboratory: Eurofins Houston

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

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

Method Summary

Client: Water Utilities Laboratory
Project/Site: Whitecap Effluent, 1/21/25

Job ID: 560-123812-1

Method	Method Description	Protocol	Laboratory
200.8	Metals (ICP/MS)	EPA	EET HOU
200.8	Preparation, Total Recoverable Metals	EPA	EET HOU

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

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

Sample Summary

Client: Water Utilities Laboratory
Project/Site: Whitecap Effluent, 1/21/25

Job ID: 560-123812-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
560-123812-1	Whitecap Effluent	Water	01/21/25 08:30	01/22/25 09:40

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

Chain of Custody Record

560-123812 Chain of Custody

Client Information	Sampler	Lab PM: Maingot, Lindy	Carrier Trac
Client Contact: Crystal Ybanez	Phone:	E-Mail: Lindy.Maingot@et.eurofinsus.com	State of Or

Company: Water Utilities Laboratory | PWSID:

Address: 13101 Leopard St.
City: Corpus Christi
State, Zip: TX, 78410
Phone:
Email: CrystalY@cctexas.com
Project Name: Whitecap Effluent
Site: PRETREATMENT

Due Date Requested:
TAT Requested (days):
Compliance Project: Δ Yes Δ No
PO #: Pretreatment
WO #:
Project #: 56009919
SSOW#:

Job #: 123812

Preservation Codes:
N None

Other: 200.8 METALS (COPPER ONLY)

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	[redacted]	200.8 METALS (COPPER ONLY)	Total Number of containers	Special Instructions/Note:
Preservation Code:					X	X	N	D		
Whitecap Effluent	21JAN25	0830	C	Water			X		PH- 7.7

Loc: 560
123812

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
ALFREDO GARCIA JUNIOR	22JAN25/0940	CITY OF CCTX		1/22/25 0940	EXCC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Cooler Temperature(s) °C and Other Remarks: 2.8°/3.0°C IR-14

Ver: 05/06/2024

Login Sample Receipt Checklist

Client: Water Utilities Laboratory

Job Number: 560-123812-1

Login Number: 123812

List Source: Eurofins Corpus Christi

List Number: 1

Creator: Stacy, Taylor

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

Login Sample Receipt Checklist

Client: Water Utilities Laboratory

Job Number: 560-123812-1

Login Number: 123812
List Number: 2
Creator: Baker, Jeremiah

List Source: Eurofins Houston
List Creation: 01/23/25 12:05 PM

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

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1 2 3 4 5 6 7 8 9 10 11

ANALYTICAL REPORT

PREPARED FOR

Attn: Crystal Ybanez
Water Utilities Laboratory
13101 Leopard St.
Corpus Christi, Texas 78410

Generated 1/28/2025 2:18:58 PM

JOB DESCRIPTION

Whitecap Effluent, 1/24/25

JOB NUMBER

560-123900-1

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

See page two for job notes and contact information.

myEOL

Job Notes

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

Authorization

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1/28/2025 2:18:58 PM

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

Client: Water Utilities Laboratory
Job ID: 560-123900-1
Project/Site: Whitecap Effluent, 1/24/25

Glossary

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

Job Narrative
560-123900-1

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

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

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

Receipt
The sample was received on 1/24/2025 10:08 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.1°C.

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

Detection Summary

Client: Water Utilities Laboratory
Job ID: 560-123900-1
Project/Site: Whitecap Effluent, 1/24/25

Client Sample ID: Whitecap Effluent
Lab Sample ID: 560-123900-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	9.5		4.0	0.69	ug/L	1		200.8	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client: Water Utilities Laboratory
Job ID: 560-123900-1
Project/Site: Whitecap Effluent, 1/24/25

Client Sample ID: Whitecap Effluent
Lab Sample ID: 560-123900-1
Date Collected: 01/24/25 08:55
Matrix: Water
Date Received: 01/24/25 10:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	9.5		4.0	0.69	ug/L		01/27/25 15:30	01/28/25 12:40	1

Client: Water Utilities Laboratory
Project/Site: Whitecap Effluent, 1/24/25

Job ID: 560-123900-1

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 860-212936/1-A
Matrix: Water
Analysis Batch: 213179

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 212936

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	<0.69		4.0	0.69	ug/L		01/27/25 15:30	01/28/25 11:47	1

Lab Sample ID: LCS 860-212936/2-A
Matrix: Water
Analysis Batch: 213179

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 212936

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Copper			100	98.8		ug/L		99	85 - 115		

Lab Sample ID: LCSD 860-212936/3-A
Matrix: Water
Analysis Batch: 213179

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 212936

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Copper			100	99.4		ug/L		99	85 - 115	1	20

Lab Sample ID: LLCS 860-212936/4-A
Matrix: Water
Analysis Batch: 213179

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 212936

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Copper			4.00	4.32		ug/L		108	50 - 150		

Accreditation/Certification Summary

Client: Water Utilities Laboratory
Project/Site: Whitecap Effluent, 1/24/25

Job ID: 560-123900-1

Laboratory: Eurofins Houston

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

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

Method Summary

Client: Water Utilities Laboratory
Project/Site: Whitecap Effluent, 1/24/25

Job ID: 560-123900-1

Method	Method Description	Protocol	Laboratory
200.8	Metals (ICP/MS)	EPA	EET HOU
200.8	Preparation, Total Recoverable Metals	EPA	EET HOU

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

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

Sample Summary

Client: Water Utilities Laboratory
Project/Site: Whitecap Effluent, 1/24/25

Job ID: 560-123900-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
560-123900-1	Whitecap Effluent	Water	01/24/25 08:55	01/24/25 10:08

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

Chain of Custody Record

560-123900 Chain of Custody

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Client Information	Sampler:	Lab PM: Maingot, Lindy	COC No: 560-51527-8931 1
Client Contact: Crystal Ybanez	Phone:	E-Mail: Lindy.Maingot@et.eurofinsus.com	Page: Page 1 of 1
Company: Water Utilities Laboratory	PWSID:	Analysis Requested	Job #: 123900
Address: 13101 Leopard St.	Due Date Requested:		Preservation Codes: N None
City: Corpus Christi	TAT Requested (days):		
State, Zip: TX, 78410	Compliance Project: Δ Yes Δ No		
Phone:	PO #: Pretreatment		
Email: CrystalY@cctexas.com	WO #:		
Project Name: Whitecap Effluent	Project #: 56009919		
Site: PRETREATMENT	SSOW#:		Other: 200.8 METALS (COPPER ONLY)

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	200.8 METALS (COPPER ONLY)	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	N	D	X	
Whitecap Effluent	24JAN25	0855	C	Water			X		PH-7.4

Loc: 560
123900

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
ALFREDO GARCIA JR.	24JAN25 1008	CITY OF CC		1/24/25 1008	exCC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:
		09/11°C IR-160

Ver 05/06/2024

Login Sample Receipt Checklist

Client: Water Utilities Laboratory

Job Number: 560-123900-1

Login Number: 123900

List Source: Eurofins Corpus Christi

List Number: 1

Creator: Stacy, Taylor

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

Login Sample Receipt Checklist

Client: Water Utilities Laboratory

Job Number: 560-123900-1

Login Number: 123900
List Number: 2
Creator: Baker, Jeremiah

List Source: Eurofins Houston
List Creation: 01/25/25 01:43 PM

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

ATTACHMENT J

List of Facility Operators
Tech Rpt 1.0, Section 8

ATTACHMENT J
CITY OF CORPUS CHRISTI
WHITECAP WASTEWATER TREAMENT FACILITY
TPDES PERMIT RENEWAL APPLICATION
LIST OF FACILITY OPERATORS

Name	License No.	License Level
Miguel Perez	WW0073819	Class A Wastewater
Anthony Hamilton	WW0068946	Class B Wastewater
Vanessa Casanova	WW0073361	Class B Wastewater
James Garcia	WW0075472	Class C Wastewater
Hayden Wiiki	WW0072213	Class C Wastewater
Neville Elliott	WW0077739	Class D Wastewater

ATTACHMENT K

Summary of WET Test Results
Wks 5.0 Section 3

ATTACHMENT K
CITY OF CORPUS CHRISTI
WHITECAP WASTEWATER TREATMENT PLANT
TPDES PERMIT RENEWAL APPLICATION
SUMMARY OF WET TEST RESULTS

7-DAY CHRONIC TEST RESULTS

Test Date	Test Species	NOEC Survival	NOEC Growth
2/16/2016	*Americamysis bahia*	27% Effluent	27% Effluent
2/16/2016	*Menidia berryllina*	27% Effluent	27% Effluent
8/2/2016	*Americamysis bahia*	27% Effluent	27% Effluent
3/7/2017	*Americamysis bahia*	27% Effluent	27% Effluent
3/7/2017	*Menidia berryllina*	27% Effluent	27% Effluent
9/12/2017	*Americamysis bahia*	27% Effluent	27% Effluent
2/27/2018	*Americamysis bahia*	100% Effluent	100% Effluent
2/27/2018	*Menidia berryllina*	100% Effluent	100% Effluent
5/22/2018	*Americamysis bahia*	100% Effluent	100% Effluent
5/22/2018	*Menidia berryllina*	100% Effluent	100% Effluent
7/10/2018	*Americamysis bahia*	100% Effluent	100% Effluent
7/10/2018	*Menidia berryllina*	100% Effluent	100% Effluent
12/11/2018	*Americamysis bahia*	100% Effluent	100% Effluent
12/11/2018	*Menidia berryllina*	100% Effluent	100% Effluent
2/19/2019	*Americamysis bahia*	100% Effluent	100% Effluent
2/19/2019	*Menidia berryllina*	100% Effluent	100% Effluent
8/20/2019	*Americamysis bahia*	100% Effluent	100% Effluent
2/4/2020	*Americamysis bahia*	100% Effluent	100% Effluent
2/4/2020	*Menidia berryllina*	100% Effluent	100% Effluent
8/25/2020	*Americamysis bahia*	100% Effluent	100% Effluent
3/16/2021	*Americamysis bahia*	100% Effluent	100% Effluent
3/16/2021	*Menidia berryllina*	100% Effluent	100% Effluent
5/11/2021	*Americamysis bahia*	100% Effluent	100% Effluent
5/11/2021	*Menidia berryllina*	100% Effluent	100% Effluent
8/10/2021	*Americamysis bahia*	100% Effluent	100% Effluent
8/10/2021	*Menidia berryllina*	100% Effluent	100% Effluent
10/5/2021	*Americamysis bahia*	100% Effluent	100% Effluent
10/5/2021	*Menidia berryllina*	100% Effluent	100% Effluent
2/22/2022	*Americamysis bahia*	100% Effluent	100% Effluent
2/22/2022	*Menidia berryllina*	100% Effluent	100% Effluent
9/13/2022	*Americamysis bahia*	100% Effluent	100% Effluent
8/22/2023	*Americamysis bahia*	100% Effluent	100% Effluent
2/20/2024	*Americamysis bahia*	100% Effluent	100% Effluent
2/20/2024	*Menidia berryllina*	100% Effluent	100% Effluent
8/20/2024	*Americamysis bahia*	100% Effluent	100% Effluent

ATTACHMENT K
CITY OF CORPUS CHRISTI
WHITECAP WASTEWATER TREATMENT PLANT
TPDES PERMIT RENEWAL APPLICATION
SUMMARY OF WET TEST RESULTS

24-HOUR ACUTE TEST RESULT

Test Date	Test Species	NOEC Survival
2/16/2016	*Americamysis bahia*	100% Effluent
2/16/2016	*Menidia berryllina*	100% Effluent
8/2/2016	*Americamysis bahia*	100% Effluent
8/2/2016	*Menidia berryllina*	100% Effluent
3/7/2017	*Americamysis bahia*	100% Effluent
3/7/2017	*Menidia berryllina*	100% Effluent
9/12/2017	*Americamysis bahia*	100% Effluent
9/12/2017	*Menidia berryllina*	100% Effluent
2/27/2018	*Americamysis bahia*	100% Effluent
2/27/2018	*Menidia berryllina*	100% Effluent
7/10/2018	*Americamysis bahia*	100% Effluent
7/10/2018	*Menidia berryllina*	100% Effluent
2/19/2019	*Americamysis bahia*	100% Effluent
2/19/2019	*Menidia berryllina*	100% Effluent
8/20/2019	*Americamysis bahia*	100% Effluent
8/20/2019	*Menidia berryllina*	100% Effluent
2/4/2020	*Americamysis bahia*	100% Effluent
2/4/2020	*Menidia berryllina*	100% Effluent
8/25/2020	*Americamysis bahia*	100% Effluent
8/25/2020	*Menidia berryllina*	100% Effluent
3/16/2021	*Americamysis bahia*	100% Effluent
3/16/2021	*Americamysis bahia*	100% Effluent
8/10/2021	*Menidia berryllina*	100% Effluent
8/10/2021	*Menidia berryllina*	100% Effluent
2/22/2022	*Americamysis bahia*	100% Effluent
2/22/2022	*Menidia berryllina*	100% Effluent
9/13/2022	*Americamysis bahia*	100% Effluent
9/13/2022	*Menidia berryllina*	100% Effluent
8/22/2023	*Americamysis bahia*	100% Effluent
8/22/2023	*Menidia berryllina*	100% Effluent
2/20/2024	*Americamysis bahia*	100% Effluent
2/20/2024	*Menidia berryllina*	100% Effluent
8/20/2024	*Americamysis bahia*	100% Effluent
8/20/2024	*Menidia berryllina*	100% Effluent

PLUMMER

0537-062-01

April 29, 2025

Mr. Brandon Maldonado
Texas Commission on Environmental Quality
Applications Review and Processing Team
Building F, Room 2101
12100 Park 35 Circle
Austin, Texas 78753

Re: Application to Renew Permit No. WQ0010401009
City of Corpus Christi (CN600131858)
Whitecap Wastewater Treatment Facility (RN101609782)

Dear Mr. Maldonado:

On behalf of the City of Corpus Christi, Plummer Associates, Inc. (Plummer) provides the following response to your Notice of Deficiency (NOD) letter dated April 28, 2025, regarding the application to renew the Texas Pollutant Discharge Elimination System (TPDES) permit for the above-referenced facility. The responses are provided in the order presented in your NOD letter. A copy of your NOD letter is provided as Enclosure A.

1. **Notice of Receipt of Application and Intent to Obtain a Water Quality Permit (NORI):** Plummer has reviewed the proposed NORI language and requests the following changes:

   APPLICATION. City of Corpus Christi, P.O. Box 9277, Corpus Christi, Texas ~~78415~~ 78469, has applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0010401009 (EPA I.D. No. TX0047121) to authorize the discharge of treated wastewater at a volume not to exceed an annual average flow of 2,500,000 gallons per day. The domestic wastewater treatment facility is located at 13409 Whitecap Blvd, near the city of Corpus Christi, in Nueces County, Texas 78418. The discharge route is from the plant site directly to Laguna Madre. TCEQ received this application on April 17, 2025. The permit application will be available for viewing and copying at City of Corpus Christi Utilities Building, Front Desk, 2726 Holly Road, Corpus Christi, in Nueces 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/pendingpermits/tpdesapplications.
   This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application. https://gisweb.tceq.texas.gov/LocationMapper/?marker=97.249444,27.602777&level=18

   Further information may also be obtained from the City of Corpus Christi at the address stated above or by calling Mr. Earl Richardson, Wastewater Treatment Plant Manager, at 361-826-1848.

8911 N Capital of TX Hwy
Bldg 1 – Ste 1250
Austin, Texas 78752
Phone 512.452.5905
plummer.com
TBPE Firm No. 13

2. **Spanish NORI**: The translated Spanish NORI is provided as Enclosure B. The changes requested in item 1 have been reflected in the Spanish NORI.

Please feel free to contact me at alewis@plummer.com or (512) 687-2154, if you have any questions regarding this submittal.

Sincerely,

PLUMMER
TBPE Firm Registration No. F-13

Ashley Lewis
Water Quality/Permitting Team Leader

Enclosures (2)

cc: Mr. Earl Richardson, Wastewater Treatment Plant Manager, City of Corpus Christi

8911 N Capital of TX Hwy
Bldg 1 – Ste 1250
Austin, Texas 78752
Phone 512.452.5905
plummer.com
TBPE Firm No. 13

ENCLOSURE A
Notice of Deficiency Letter
April 28, 2025

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

April 28, 2025

Mr. Earl Richardson
Wastewater Treatment Plant Manager
Corpus Christi Water
2726 Holly Road
Corpus Christi, Texas 78415

RE: Application to Renew Permit No.: WQ0010401009 (EPA I.D. No. TX0047121)
Applicant Name: City of Corpus Christi (CN600131858)
Site Name: Whitecap WWTF (RN101609782)
Type of Application: Renewal without changes

VIA EMAIL

Dear Mr. Richardson:

We have received the application for the above referenced permit, and it is currently under review. Your attention to the following item(s) are requested before we can declare the application administratively complete. Please submit responses to the following items via email.

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

   APPLICATION. City of Corpus Christi, P.O. Box 9277, Corpus Christi, Texas 78415, has applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0010401009 (EPA I.D. No. TX0047121) to authorize the discharge of treated wastewater at a volume not to exceed an annual average flow of 2,500,000 gallons per day. The domestic wastewater treatment facility is located at 13409 Whitecap Blvd, near the city of Corpus Christi, in Nueces County, Texas 78418. The discharge route is from the plant site directly to Laguna Madre. TCEQ received this application on April 17, 2025. The permit application will be available for viewing and copying at City of Corpus Christi Utilities Building, Front Desk, 2726 Holly Road, Corpus Christi, in Nueces 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=-97.249444,27.602777&level=18

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

Please submit the complete response, addressed to my attention by May 12, 2025. If you should have any questions, please do not hesitate to contact me by phone at (512) 239-4331 or by email at Brandon.Maldonado@tceq.texas.gov

Sincerely,

Brandon Maldonado
Applications Review and Processing Team (MC148)
Water Quality Division
Texas Commission of Environmental Quality

BM

Enclosure(s)

cc: Ms. Ashley Lewis, Water Quality/Permitting Team Leader, Plummer Associates, Inc., 8911 N Capital of Texas Hwy, Bldg. 1, Ste 1250, Austin, Texas 78759

ENCLOSURE B
Spanish NORI

Comisión de Calidad Ambiental del Estado de Texas

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

PERMISO NO. WQ0010401009

SOLICITUD. La Ciudad de Corpus Christi, P.O. Box 9277, Corpus Christi, Texas 78469, ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para renovar el Permiso No. WQ0010401009 (EPA I.D. No. TX0047121) 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 2,500,000 galones por día. La planta está ubicada 13409 Whitecap Blvd, en el Condado de Nueces, Texas 78418. La ruta de descarga es del sitio de la planta directo a Laguna Madre. La TCEQ recibió esta solicitud el 17 de abril de 2025. La solicitud para el permiso estará disponible para leerla y copiarla en Edificio de Servicios Públicos de la Ciudad de Corpus Christi, recepción, 2726 Holly Road, en el condado de Nueces 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=97.249444,27.602777&level=18

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

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

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

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

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

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

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

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

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

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

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

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

También se puede obtener información adicional del la Ciudad de Corpus Christi a la dirección indicada arriba o llamando a Sr. Earl Richardson al 361-826-1848.

Fecha de emisión: *[Date notice issued]*

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. WQ0010401009

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

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

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

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

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

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

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

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

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

También se puede obtener información adicional del la Ciudad de Corpus Christi a la dirección indicada arriba o llamando a Sr. Earl Richardson al 361-826-1848.

Fecha de emisión: *[Date notice issued]*

Brandon Maldonado

From: Garoutte, Alexandra <ahughes@plummer.com>
Sent: Tuesday, April 29, 2025 10:05 AM
To: Brandon Maldonado
Cc: Lewis, Ashley; Earl Richardson
Subject: RE: Application to Renew Permit No. WQ0010401009 - Notice of Deficiency Letter
Attachments: Enc B_Spanish NORI.docx; 20250429_NOD Response Ltr_Compiled.pdf

Good morning Brandon,

Please see our attached response to the notice of deficiency letter dated April 28, 2025. Please let us know if you have any questions.

Thank you,

PLUMMER

Alexandra Garoutte
Scientist in Training III

8911 N Capital of Texas Hwy, Ste 1250
Austin, Texas 78759
P: 512.452.5905
D: 737.304.7204

www.plummer.com

From: Brandon Maldonado <Brandon.Maldonado@tceq.texas.gov>
Sent: Monday, April 28, 2025 4:52 PM
To: earlri@cctexas.com
Cc: Lewis, Ashley <alewis@plummer.com>
Subject: Application to Renew Permit No. WQ0010401009 - Notice of Deficiency Letter

Dear Mr. Earl Richardson

The attached Notice of Deficiency (NOD) letter sent on **April 28, 2025,** requests additional information needed to declare the application administratively complete. Please send complete response to my attention by **May 12, 2025.**

Please let me know if you have any questions.

Regards,

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

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