Administrative Package Cover Page

This file contains the following documents:

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

Portada de Paquete Administrativo

Este archivo contiene los siguientes documentos:

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

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

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

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.

Hudspeth County Water Control and Improvement District No.1 (CN600631972) operates Sierra Blanca Wastewater Treatment Facility (RN102181849), a series of treatment lagoons that include a facultative lagoon, Stabilization Lagoon and a polishing lagoon.. The facility is located at 100 Sunset Drive, in Sierra Blanca, Hudspeth County, Texas 79851. This application is for a permit renewal to discharge a daily average flow of 160,000 gallons per day of treated domestic wastewater.

Discharges from the facility are expected to contain five-day biochemical oxygen demand (BOD_5), total suspended solids (TSS), *Escherichia coli* (*E.coli*). Domestic wastewater is treated by a series of lagoons that include a facultative lagoon and a stabilization lagoon whose effluent is treated by a polishing lagoon before discharge. Discharge is intermittent and occurs infrequently throughout the year.

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.

Hudspeth County Water Control and Improvement District No.1 (CN600631972) opera Sierra Blanca Wastewater Treatment Facility (RN102181849), una serie de lagunas de tratamiento que incluyen una laguna facultativa, una laguna de estabilización y una laguna de pulido. La instalación está ubicada en 100 Sunset Drive, en Sierra Blanca, Condado de Hudspeth, Texas 79851. Esta solicitud corresponde a la renovación de un permiso para descargar un caudal promedio diario de 160,000 galones por día de aguas residuales domesticas tratadas.

Se espera que las descargas de la instalación contengan demanda bioquímica de oxígeno a cinco días (DOB5), solidos suspendidos totales (SST) y Escherichia coli (E. coli). Las aguas residuales domesticas se tratan mediante una serie de lagunas que incluyen una laguna facultativa y una laguna estabilización, cuyo efluente. está tratado por una laguna de pulido antes del vertido. El vertido es intermitente y ocurre esporádicamente a lo largo del año.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

PERMIT NO. WQ0013858001

APPLICATION. Hudspeth County Water Control and Improvement District No. 1, 105 North Sierra Blanca Avenue, Sierra Blanca, Texas 79851, has applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0013858001 (EPA I.D. No. TX0115657) to authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 160,000 gallons per day. The domestic wastewater treatment facility is located approximately 0.28 miles southeast of the intersection of Sunset Road and Texas Boulevard, in the city of Sierra Blanca, in Hudspeth County, Texas 79851. The discharge route is from the plant site to an unnamed drainage swale; thence to Blanca Draw; thence to Grayton Lake. TCEQ received this application on June 18, 2025. The permit application will be available for viewing and copying at Water District Office, Front Desk, 105 North Sierra Blanca Avenue, Sierra Blanca, in Hudspeth 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=-105.324166,31.168611&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 Hudspeth County Water Control and Improvement District No. 1 at the address stated above or by calling Mr. Macario Marquez Jr, General Manager, at 915-369-2221.

Issuance Date: July 15, 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. WQ00

SOLICITUD. Hudspeth County Water Control and Improvement District No. 1, 105 North Sierra Blanca Avenue, Sierra Blanca, Texas 79851, ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para renovar el Permiso No. WQ0013858001 (EPA I.D. No. TX0115657) 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 160,000 galones por día. La planta está ubicada 0.28 millas al sureste de la intersección de Sunset Road y Texas Boulevard, en la ciudad de Sierra Blanca, en el Condado de Hudspeth, Texas 79851. La ruta de descarga es del sitio de la planta a una zanja de drenaje sin nombre, desde allí hacia el sureste, adyacente a Eagle Mountain Drive, continuando después hacia el este conforme la carretera se desvía al sureste. El vertido sigue fluyendo hasta disiparse, aproximadamente a una milla. La TCEQ recibió esta solicitud el 18 de Junio de 2025. La solicitud para el permiso estará disponible para leerla y copiarla en Water District Office, Front Desk, 105 North Sierra Blanca Avenue, Sierra Blanca, en el conado de Hudspeth 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=-105.324166,31.168611&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 Hudspeth County Water Control and Improvement District No. 1 en la dirección indicada arriba o llamando al Sr. Macario Marquez Jr, Gerente General, al 915-369-2221.

Fecha de emisión: 15 de Julio de 2025

221 N. Kansas Street
Suite 1208
El Paso, TX 79901

TEL 915.808.4164

www.GarverUSA.com

June 17, 2025

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

Re: Hudspeth County Water Control and Improvement District No. 1(WC&ID No. 1)
Sierra Blanca Wastewater Treatment Facility
Texas Pollutant Discharge Elimination System
Application for Permit Renewal
TPDES Permit No. WQ0013858001, CN600631972

To whom it may concern:

On behalf of Hudspeth County WC&ID No. 1, Garver submits one electronic copy of a renewal application for the above-mentioned permit. The electronic copy is being submitted via TCEQ's file transfer protocol (FTP) server to WQDeCopy@tceq.texas.gov. The application fee of $815.00 has been submitted with a copy of the check included with the application.

Should you have any questions or need additional information concerning this submittal, please feel free to contact me at CDRobinson@GarverUSA.com or (682) 747-5403.

Sincerely,

Cynthia Robinson

Cynthia Robinson
Permitting and Treatment Operations Specialist

Enclosure: TPDES Permit Renewal Application for Hudspeth County WC&ID No.1

cc: Macario Marquez Jr., General Manager, Hudspeth County WC&ID No.1
Michael Rose, President, Hudspeth County WC&ID No.1
Marco Ramirez, West Texas Infrastructure Team Leader, Garver,
Leslie Aguilar, Garver

Hudspeth County Water Control and Improvement District No. 1
Sierra Blanca Wastewater Treatment Facility Plant

TPDES PERMIT RENEWAL APPLICATION

PERMIT NO. WQ0013858001

SUBMITTED TO:

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

June 2025

HUDSPETH COUNTY WATER CONTROL AND IMPROVEMENT DISTRICT No.1

SIERRA BLANCA WASTEWATER TREATMENT FACILITY
TPDES PERMIT RENEWAL APPLICATION
PERMIT NO. WQ0013858001

TABLE OF CONTENTS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST

Complete and submit this checklist with the application.

APPLICANT NAME: Hudspeth County Water Control and Improvement District No.1 (WC&ID No.1)

PERMIT NUMBER (If new, leave blank): WQ00WQ0013858001

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

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

For TCEQ Use Only

Segment Number _____County _____
Expiration Date _____Region_____
Permit Number _____

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

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

Section 1. Application Fees (Instructions Page 26)

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

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

Minor Amendment (for any flow) $150.00 ☐

Payment Information:

Mailed — Check/Money Order Number: 18949

Check/Money Order Amount: $815.00

Name Printed on Check: T.C.E.Q

EPAY — Voucher Number: Click to enter text.

Copy of Payment Voucher enclosed? Yes ☐

Section 2. Type of Application (Instructions Page 26)

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

☒ Publicly Owned Domestic Wastewater

☐ Privately-Owned Domestic Wastewater

☐ Conventional Water Treatment

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

☒ Active ☐ Inactive

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

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

d. Check the box next to the appropriate application type

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

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

f. **For existing permits**:

Permit Number: WQ00 13858001

EPA I.D. (TPDES only): TX 0115657

Expiration Date: December 15, 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?

Hudspeth County Water Control and Improvement District No. 1 (Hudspeth County WC&ID No. 1)

(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: 600631972

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: Rose, Michael

Title: President Credential: N/A

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

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

N/A

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

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

CN: N/A

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

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

Title: N/A Credential: N/A

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

C. Core Data Form

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

Title: Project Manager Credential: P.E.

Organization Name: Garver

Mailing Address: 221 N Kansas Steet, Suite 1208 City, State, Zip Code: El Paso, TX, 79901

Phone No.: (915) 801-0182 E-mail Address: maramirez@garverusa.com

Check one or both: ☐ Administrative Contact ☒ Technical Contact

B. Prefix: Mr. Last Name, First Name: Marquez Jr, Macario

Title: General Manager Credential: N/A

Organization Name: Hudspeth County WC&ID No. 1

Mailing Address: 105 North Sierra Blanca Avenue City, State, Zip Code: Sierra Blanca TX 79851

Phone No.: 915-369-2221 E-mail Address: mac10@valornet.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: Marquez Jr, Macario

Title: General Manager Credential: N/A

Organization Name: Hudspeth County WC&ID No. 1

Mailing Address: 105 North Sierra Blanca Avenue City, State, Zip Code: Sierra Blanca TX 79851

Phone No.: 915-369-2221 E-mail Address: mac10@valornet.com

B. Prefix: Mr. Last Name, First Name: Rose, Michael

Title: President Credential: N/A

Organization Name: Hudspeth County WC&ID No. 1

Mailing Address: 105 North Sierra Blanca Avenue City, State, Zip Code: Sierra Blanca TX 79851

Phone No.: 915-369-2221 E-mail Address: N/A

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: Rose, Michael

Title: President Credential: N/A

Organization Name: Hudspeth County WC&ID No. 1

Mailing Address: 105 North Sierra Blanca Avenue City, State, Zip Code: Sierra Blanca TX 79851

Phone No.: 915-369-2221 E-mail Address: N/A

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: Marquez Jr. Macario

Title: General Manager Credential: N/A

Organization Name: Hudspeth County WC&ID No. 1

Mailing Address: 105 North Sierra Blanca Avenue City, State, Zip Code: Sierra Blanca TX 79851

Phone No.: 915-369-2221 E-mail Address: mac10@valornet.com

Section 8. Public Notice Information (Instructions Page 27)

A. Individual Publishing the Notices

Prefix: Mr. Last Name, First Name: Marquez Jr, Macario

Title: General Manager Credential: N/A

Organization Name: Hudspeth County WC&ID No. 1

Mailing Address: 105 North Sierra Blanca Avenue City, State, Zip Code: Sierra Blanca TX 79851

Phone No.: 915-369-2221 E-mail Address: mac10@valornet.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: Marquez Jr, Macario

Title: General Manager Credential: N/A

Organization Name: Hudspeth County WC&ID No. 1

Mailing Address: 105 North Sierra Blanca Avenue City, State, Zip Code: Sierra Blanca TX 79851

Phone No.: 915-369-2221 E-mail Address: mac10@valornet.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: Water District Office

Location within the building: At the front secretarial desk.

Physical Address of Building: 105 North Sierra Blanca Avenue

City: Sierra Blanca County: Hudspeth

Contact (Last Name, First Name): Marquez Jr, Macario

Phone No.: 915-369-2221 Ext.: N/A

E. Bilingual Notice Requirements

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

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

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

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

   ☒ Yes ☐ No

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

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

   ☒ Yes ☐ No

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

   ☐ Yes ☒ No

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

   ☐ Yes ☒ No

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

F. Summary of Application in Plain Language Template

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

Attachment: 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: Click to enter text.

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** 102181849

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):

Sierra Blanca WWTP

C. Owner of treatment facility: Hudspeth County WC&ID No. 1

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: Hudspeth County WC&ID No. 1

Title: N/A Credential: N/A

Organization Name: Hudspeth County WC&ID No. 1

Mailing Address: 105 North Sierra Blanca Avenue City, State, Zip Code: Sierra Blanca TX 79851

Phone No.: 915-369-2221 E-mail Address: mac10@valornet.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: Click to enter text.

E. Owner of effluent disposal site:

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

Title: Click to enter text. Credential: Click to enter text.

Organization Name: Click to enter text.

Mailing Address: Click to enter text. City, State, Zip Code: Click to enter text.

Phone No.: Click to enter text. E-mail Address: Click to enter text.

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

Attachment: 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:

The PO BOX 188 now has a physical address of 100 Sunset Drive.

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:

Due to the topography of the site and long term drought conditions along with the low amount of discharge flow, the discharge route deviates from the path in the current permit; however, the discharge point location remains the same. The new discharge route is to an unnamed drainage swale, flowing southeast adjacent to Eagle Mountain Drive, continuing east as the road veers southeast. The discharge continues to flow for about 1 mile before dissipating, before reaching any water bodies. See attachment C

City nearest the outfall(s): Sierra Blanca

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

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

☒ Yes ☐ No

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

☒ Authorization granted ☐ Authorization pending

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

Attachment: N/A

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

Section 11. TLAP Disposal Information (Instructions Page 32)

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

☐ Yes ☐ No

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

Click to enter text.

B. City nearest the disposal site: Click to enter text.

C. County in which the disposal site is located: Click to enter text.

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

Click to enter text.

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

Section 12. Miscellaneous Information (Instructions Page 32)

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

☐ Yes ☒ No

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

☐ Yes ☐ No ☒ Not Applicable

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

Click to enter text.

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

☐ Yes ☒ No

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

D. Do you owe any fees to the TCEQ?

☐ Yes ☒ No

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

Account number: N/A

Amount past due: N/A

E. Do you owe any penalties to the TCEQ?

☐ Yes ☒ No

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

Enforcement order number: N/A

Amount past due: N/A

Section 13. Attachments (Instructions Page 33)

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

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

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

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

☐ Attachment 1 for Individuals as co-applicants

☒ Other Attachments. Please specify: Core Data Sheet Attachment A

Section 14. Signature Page (Instructions Page 34)

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

Permit Number: WQ0013858001

Applicant: Hudspeth County WC&ID No. 1

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): Michael Rose

Signatory title: President

Signature: Michael D Rose Date: June 18 2025

(Use blue ink)

Subscribed and Sworn to before me by the said Michael Rose

on this 18 day of June, 2025.

My commission expires on the 19 day of December, 2025.

Judy R. Verdell

Notary Public

JUDY R [SEAL]
Notary ID #7316745
My Commission Expires
December 19, 2025

Hudspeth

County, Texas

DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

The following information is required for new and amendment applications.

Section 1. Affected Landowner Information (Instructions Page 36)

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

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

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

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

D. Provide the source of the landowners' names and mailing addresses: Click to enter text.

E. As required by *Texas Water Code § 5.115*, is any permanent school fund land affected by this application?

☐ Yes ☐ No

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

Click to enter text.

Section 2. Original Photographs (Instructions Page 38)

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

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

Section 3. Buffer Zone Map (Instructions Page 38)

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

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

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

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

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

☐ Yes ☐ No

DOMESTIC WASTEWATER PERMIT APPLICATION

SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

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

Attachment: Attachment D

WATER QUALITY PERMIT

PAYMENT SUBMITTAL FORM

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

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

Mail this form and the check or money order to:

BY REGULAR U.S. MAIL

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

BY OVERNIGHT/EXPRESS MAIL

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

Fee Code: WQP **Waste Permit No:** WQ0013858001

1. Check or Money Order Number: 18949
2. Check or Money Order Amount: $815.00
3. Date of Check or Money Order: 06/05/2025
4. Name on Check or Money Order: T.C.E.Q.
5. APPLICATION INFORMATION

   Name of Project or Site: Sierra Blanca Wastewater Treatment Plant

   Physical Address of Project or Site: 101 Sunset Drive

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

Staple Check or Money Order in This Space

HUDSPETH COUNTY WATER CONTROL
& IMPROVEMENT DISTRICT NO. 1
BOX 188 - SIERRA BLANCA, TEXAS 79851

CHECK NO.	DATE	VENDOR NO.
018949	06/05/2025	00035

FUND
GENERAL FUND

NAME & ADDRESS

T.C.E.Q.
TX COM /ENVIRONMENTAL QUALITY
P.O. BOX 13089
AUSTIN, TEXAS 78711-3089

DESCRIPTION	VENDOR INVOICE NO.	AMOUNT
HUDS CO WCID#1 WQ00-103858-001		815.0(

TOTAL AMOUNT 815.0(

[redacted]

ATTACHMENT 1

INDIVIDUAL INFORMATION

Section 1. Individual Information (Instructions Page 41)

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

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

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

Driver's License or State Identification Number: Click to enter text.

Date of Birth: Click to enter text.

Mailing Address: Click to enter text.

City, State, and Zip Code: Click to enter text.

Phone Number: Click to enter text. Fax Number: Click to enter text.

E-mail Address: Click to enter text.

CN: Click to enter text.

For Commission Use Only:
Customer Number:
Regulated Entity Number:
Permit Number:

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST OF COMMON DEFICIENCIES

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

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

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

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

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

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

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

Things to Know:

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

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

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

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

Summary of Application (in Plain Language) ☒ Yes

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.0

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

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

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

A. Existing/Interim I Phase

Design Flow (MGD): 0.16

2-Hr Peak Flow (MGD): 0.56

Estimated construction start date: EXISTING

Estimated waste disposal start date: EXISTING

B. Interim II Phase

Design Flow (MGD): N/A

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

Estimated construction start date: N/A

Estimated waste disposal start date: N/A

C. Final Phase

Design Flow (MGD): 0.16

2-Hr Peak Flow (MGD): 0.56

Estimated construction start date: EXISTING

Estimated waste disposal start date: EXISTING

D. Current Operating Phase

Provide the startup date of the facility: Dec. 1998

Section 2. Treatment Process (Instructions Page 42)

A. Current Operating Phase

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

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

The wastewater treatment process begins at the headworks, where influent enters through an 8-inch sewer pipe into a channel equipped with a manual bar screen. Larger debris is removed manually and disposed of weekly. Flow is then measured via an ultrasonic meter at a 6-inch Parshall flume.

In the primary treatment phase, wastewater enters Point B, a facultative lagoon, where solids are broken down by microorganisms. It then flows into Pond C, a stabilization lagoon, for further breakdown. Finally, it reaches Pond A, a polishing lagoon, where additional treatment occurs.

Effluent is measured at a 45-degree V-notch weir pit using an ultrasonic meter. A recirculating pump returns fresher water to the headworks to support microbial activity.

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)
Bar Screen	1	16" Wide
Facultative Lagoon	1	483' L X 161' W X 12' & 6' D
Stabilization Pond	2	580' L X 145' W X 4' D

C. Process Flow Diagram

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

Attachment: Attachment E

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

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

- Latitude: 31.163913
- Longitude: -105.320499

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

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

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

- The boundaries of the treatment facility;
- The boundaries of the area served by the treatment facility;
- If land disposal of effluent, the boundaries of the disposal site and all storage/holding

ponds; and

- If sludge disposal is authorized in the permit, the boundaries of the land application or disposal site.

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

Community of Sierra Blanca, Texas, Hudspeth County.

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
N/A		Choose an item.	
N/A		Choose an item.	
N/A		Choose an item.	
N/A		Choose an item.	

Section 4. Unbuilt Phases (Instructions Page 44)

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

Click to enter text.

Section 5. Closure Plans (Instructions Page 44)

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

Click to enter text.

Section 6. Permit Specific Requirements (Instructions Page 44)

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

A. Summary transmittal

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

☒ Yes ☐ No

If yes, provide the date(s) of approval for each phase: December 1998

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**.

See Attachment G.

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.

All buffer zones have been met.

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*.

Click to enter text.

D. Grit and grease treatment

1. Acceptance of grit and grease waste

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

☐ Yes ☒ No

If No, stop here and continue with Subsection E. Stormwater Management.

2. Grit and grease processing

Describe below how the grit and grease waste is treated at the facility. In your description, include how and where the grit and grease is introduced to the treatment works and how it is separated or processed. Provide a flow diagram showing how grit and grease is processed at the facility.

Click to enter text.

3. Grit disposal

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

☐ Yes ☐ No

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

Describe the method of grit disposal.

Click to enter text.

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.

Click to enter text.

E. Stormwater management

1. Applicability

Does the facility have a design flow of 1.0 MGD or greater in any phase?

☐ Yes ☒ No

Does the facility have an approved pretreatment program, under 40 CFR Part 403?

☐ Yes ☒ No

If no to both of the above, then skip to Subsection F, Other Wastes Received.

2. MSGP coverage

Is the stormwater runoff from the WWTP and dedicated lands for sewage disposal currently permitted under the TPDES Multi-Sector General Permit (MSGP), TXR050000?

☐ Yes ☐ No

If yes, please provide MSGP Authorization Number and skip to Subsection F, Other Wastes Received:

TXR05 Click to enter text. or TXRNE Click to enter text.

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

☐ Yes ☐ No

3. *Conditional exclusion*

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

☐ Yes ☐ No

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

Click to enter text.

4. *Existing coverage in individual permit*

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

☐ Yes ☐ No

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

Click to enter text.

5. *Zero stormwater discharge*

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

☐ Yes ☐ No

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

Click to enter text.

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

6. *Request for coverage in individual permit*

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

☐ Yes ☐ No

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

Click to enter text.

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

F. Discharges to the Lake Houston Watershed

Does the facility discharge in the Lake Houston watershed?

☐ Yes ☒ No

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

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

1. Acceptance of sludge from other WWTPs

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

☐ Yes ☒ No

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

In addition, provide the date the plant started or is anticipated to start accepting sludge, an estimate of monthly sludge acceptance (gallons or millions of gallons), an estimate of the 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.

Click to enter text.

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

2. Acceptance of septic waste

Is the facility accepting or will it accept septic waste?

☐ Yes ☒ No

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

Click to enter text.

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.

Click to enter text.

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

Is the facility in operation?

☒ Yes ☐ No

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

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

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

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

*** Parameter analyzed outside holding time**

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
$CBOD_5$, mg/l	58.8	172	8	Grab	2/14/24 – 5/29/25
Total Suspended Solids, mg/l	39.5	47.5	9	Grab	2/14/24 – 5/29/25
Ammonia Nitrogen, mg/l	19.4	19.4	1	Grab	4/30/2025 11:11
Nitrate Nitrogen, mg/l	0.0545	0.0545	1	Grab	4/30/2025 11:11
Total Kjeldahl Nitrogen, mg/l	26.8	26.8	1	Grab	4/30/2025 11:11
Sulfate, mg/l	122	122	1	Grab	4/30/2025 11:11
Chloride, mg/l	94.7	94.7	1	Grab	4/30/2025 11:11
Total Phosphorus, mg/l	5.69	5.69	1	Grab	4/30/2025 11:11
pH, standard units	7.8 Min	8.5 Max	8	Grab	4/16/25– 6/4/25~9a m
Dissolved Oxygen*, mg/l	4.4	6.8	8	Grab	4/16/25 – 6/4/25 ~9am
Chlorine Residual, mg/l	<.05	<.05	1	Grab	*4/30/2025 11:11
E.coli (CFU/100ml) freshwater	295	>2400	8	Grab	*2/14/24 – 5/29/25 ~9:00am
Entercocci (CFU/100ml) saltwater	N/A				N/A
Total Dissolved Solids, mg/l	750	750	1	Grab	4/30/2025 11:11
Electrical Conductivity, µmohs/cm, †	1400	1400	1	Grab	4/30/2025 11:11
Oil & Grease, mg/l	1.90	1.90	1	Grab	4/30/2025 11:11

Alkalinity ($CaCO_3$)*, mg/l	359	359	1	Grab	4/30/2025 11:11

*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					
Total Dissolved Solids, mg/l					
pH, standard units					
Fluoride, mg/l					
Aluminum, mg/l					
Alkalinity ($CaCO_3$), mg/l					

Section 8. Facility Operator (Instructions Page 49)

Facility Operator Name: Macario Marquez Jr

Facility Operator's License Classification and Level: Class D Wastewater

Facility Operator's License Number: 450336420

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

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

Check all that apply. See instructions for guidance

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

B. WWTP's Sewage Sludge or Biosolids Treatment Process

Check all that apply. See instructions for guidance.

- ☐ Aerobic Digestion
- ☐ Air Drying (or sludge drying beds)
- ☐ Lower Temperature Composting
- ☐ Lime Stabilization
- ☐ Higher Temperature Composting

- ☐ Heat Drying
- ☐ Thermophilic Aerobic Digestion
- ☐ Beta Ray Irradiation
- ☐ Gamma Ray Irradiation
- ☐ Pasteurization
- ☐ Preliminary Operation (e.g. grinding, de-gritting, blending)
- ☐ Thickening (e.g. gravity thickening, centrifugation, filter press, vacuum filter)
- ☐ Sludge Lagoon
- ☐ Temporary Storage (< 2 years)
- ☐ Long Term Storage (>= 2 years)
- ☐ Methane or Biogas Recovery
- ☒ Other Treatment Process: Facultative/Stabilization Lagoon

C. Sewage Sludge or Biosolids Management

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

Biosolids Management

Management Practice	Handler or Preparer Type	Bulk or Bag Container	Amount (dry metric tons)	Pathogen Reduction Options	Vector Attraction Reduction Option
Other	Choose an item.	Choose an item.		Choose an item.	Choose an item.
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.

If "Other" is selected for Management Practice, please explain (e.g. monofill or transport to another WWTP): Facility has not generated nor disposed of any sludge. If sludge disposal is needed, it will be sent to a landfill.

D. Disposal site

Disposal site name: City of Alpine Landfill

TCEQ permit or registration number: 2197

County where disposal site is located: Brewster

E. Transportation method

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

Name of the hauler: Gonzales Septic & Grease Trap Services

Hauler registration number: SLGTR23336

Sludge is transported as a:

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

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

A. Beneficial use authorization

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

☐ Yes ☐ No

B. Sludge processing authorization

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

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

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

☐ Yes ☐ No

Section 11. Sewage Sludge Lagoons (Instructions Page 53)

Does this facility include sewage sludge lagoons?

☐ Yes ☒ No

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

A. Location information

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

- Original General Highway (County) Map:

Attachment: Click to enter text.

- USDA Natural Resources Conservation Service Soil Map:

  Attachment: Click to enter text.

- Federal Emergency Management Map:

  Attachment: Click to enter text.

- Site map:

  Attachment: Click to enter text.

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

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

Attachment: Click to enter text.

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

Click to enter text.

B. Temporary storage information

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

Nitrate Nitrogen, mg/kg: Click to enter text.

Total Kjeldahl Nitrogen, mg/kg: Click to enter text.

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

Phosphorus, mg/kg: Click to enter text.

Potassium, mg/kg: Click to enter text.

pH, standard units: Click to enter text.

Ammonia Nitrogen mg/kg: Click to enter text.

Arsenic: Click to enter text.

Cadmium: Click to enter text.

Chromium: Click to enter text.

Copper: Click to enter text.

Lead: Click to enter text.

Mercury: Click to enter text.

Molybdenum: Click to enter text.

Nickel: Click to enter text.

Selenium: Click to enter text.

Zinc: Click to enter text.

Total PCBs: Click to enter text.

Provide the following information:

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

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

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

C. Liner information

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

☐ Yes ☐ No

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

Click to enter text.

D. Site development plan

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

Click to enter text.

Attach the following documents to the application.

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

  Attachment: Click to enter text.
- Copy of the closure plan

  Attachment: Click to enter text.
- Copy of deed recordation for the site

  Attachment: Click to enter text.
- Size of the sludge lagoon(s) in surface acres and capacity in cubic feet and gallons

Attachment: Click to enter text.

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

  Attachment: Click to enter text.

- Procedures to prevent the occurrence of nuisance conditions

  Attachment: Click to enter text.

E. Groundwater monitoring

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

☐ Yes ☐ No

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

Attachment: Click to enter text.

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

A. Additional authorizations

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

☐ Yes ☒ No

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

Click to enter text.

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:

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

A. RCRA hazardous wastes

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

☐ Yes ☒ No

B. Remediation activity wastewater

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

☐ Yes ☒ No

C. Details about wastes received

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

Attachment: Click to enter text.

Section 14. Laboratory Accreditation (Instructions Page 55)

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

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

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

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

CERTIFICATION:

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

Printed Name: Macario Marquez Jr

Title: General Manager

Signature: _____

Date: 06/17/2025

DOMESTIC WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.1

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

Section 1. Justification for Permit (Instructions Page 56)

A. Justification of permit need

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

Click to enter text.

B. Regionalization of facilities

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

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

1. *Municipally incorporated areas*

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

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

☐ Yes ☐ No ☐ Not Applicable

If yes, within the city limits of: Click to enter text.

If yes, attach correspondence from the city.

Attachment: Click to enter text.

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

Attachment: Click to enter text.

2. *Utility CCN areas*

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

☐ Yes ☐ No

[1] https://www.tceq.texas.gov/permitting/wastewater/tceq-regionalization-for-wastewater

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

Attachment: Click to enter text.

3. Nearby WWTPs or collection systems

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

☐ Yes ☐ No

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

Attachment: Click to enter text.

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

Attachment: Click to enter text.

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

Attachment: Click to enter text.

Section 2. Proposed Organic Loading (Instructions Page 58)

Is this facility in operation?

☐ Yes ☐ No

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

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

A. Current organic loading

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

Average Influent Organic Strength or BOD_5 Concentration in mg/l: Click to enter text.

Average Influent Loading (lbs/day = total average flow X average BOD_5 conc. X 8.34): Click to enter text.

Provide the source of the average organic strength or BOD_5 concentration.

Click to enter text.

B. Proposed organic loading

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

Table 1.1(1) – Design Organic Loading

Source	Total Average Flow (MGD)	Influent BOD5 Concentration (mg/l)
Municipality		
Subdivision		
Trailer park – transient		
Mobile home park		
School with cafeteria and showers		
School with cafeteria, no showers		
Recreational park, overnight use		
Recreational park, day use		
Office building or factory		
Motel		
Restaurant		
Hospital		
Nursing home		
Other		
TOTAL FLOW from all sources		
AVERAGE BOD_5 from all sources		

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

A. Existing/Interim I Phase Design Effluent Quality

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

Total Suspended Solids, mg/l: Click to enter text.

Ammonia Nitrogen, mg/l: Click to enter text.

Total Phosphorus, mg/l: Click to enter text.

Dissolved Oxygen, mg/l: Click to enter text.

Other: Click to enter text.

B. Interim II Phase Design Effluent Quality

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

Total Suspended Solids, mg/l: Click to enter text.

Ammonia Nitrogen, mg/l: Click to enter text.

Total Phosphorus, mg/l: Click to enter text.

Dissolved Oxygen, mg/l: Click to enter text.

Other: Click to enter text.

C. Final Phase Design Effluent Quality

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

Total Suspended Solids, mg/l: Click to enter text.

Ammonia Nitrogen, mg/l: Click to enter text.

Total Phosphorus, mg/l: Click to enter text.

Dissolved Oxygen, mg/l: Click to enter text.

Other: Click to enter text.

D. Disinfection Method

Identify the proposed method of disinfection.

☐ Chlorine: Click to enter text. mg/l after Click to enter text. minutes detention time at peak flow

Dechlorination process: Click to enter text.

☐ Ultraviolet Light: Click to enter text. seconds contact time at peak flow

☐ Other: Click to enter text.

Section 4. Design Calculations (Instructions Page 58)

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

Attachment: Click to enter text.

Section 5. Facility Site (Instructions Page 59)

A. 100-year floodplain

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

☐ Yes ☐ No

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

Click to enter text.

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

Click to enter text.

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

☐ Yes ☐ No

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

☐ Yes ☐ No

If yes, provide the permit number: Click to enter text.

If no, provide the approximate date you anticipate submitting your application to the Corps: Click to enter text.

B. Wind rose

Attach a wind rose: Click to enter text.

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

A. Beneficial use authorization

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

☐ Yes ☐ No

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

B. Sludge processing authorization

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

☐ Sludge Composting

☐ Marketing and Distribution of sludge

☐ Sludge Surface Disposal or Sludge Monofill

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

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

Attach a solids management plan to the application.

Attachment: Click to enter text.

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

- Treatment units and processes dimensions and capacities

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

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

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 2.0: RECEIVING WATERS

The following information is required for all TPDES permit applications.

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

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

☐ Yes ☒ No

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

Owner of the drinking water supply: Click to enter text.

Distance and direction to the intake: Click to enter text.

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

Attachment: Click to enter text.

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

Does the facility discharge into tidally affected waters?

☐ Yes ☒ No

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

A. Receiving water outfall

Width of the receiving water at the outfall, in feet: Click to enter text.

B. Oyster waters

Are there oyster waters in the vicinity of the discharge?

☐ Yes ☐ No

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

Click to enter text.

C. Sea grasses

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

☐ Yes ☐ No

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

Click to enter text.

Section 3. Classified Segments (Instructions Page 63)

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

☐ Yes ☒ No

If yes, this Worksheet is complete.

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

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

Name of the immediate receiving waters: Man-made Swale

A. Receiving water type

Identify the appropriate description of the receiving waters.

☐ Stream

☐ Freshwater Swamp or Marsh

☐ Lake or Pond

Surface area, in acres: Click to enter text.

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

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

☒ Man-made Channel or Ditch

☐ Open Bay

☐ Tidal Stream, Bayou, or Marsh

☐ Other, specify: Click to enter text.

B. Flow characteristics

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

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

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

☐ Perennial - normally flowing

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

☐ USGS flow records

☐ Historical observation by adjacent landowners

☒ Personal observation

☐ Other, specify: Click to enter text.

C. Downstream perennial confluences

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

None.

D. Downstream characteristics

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

☐ Yes ☒ No

If yes, discuss how.

Click to enter text.

E. Normal dry weather characteristics

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

No water body. Ditch and creek are dry.

Date and time of observation: 06/02/2025 6:00 p.m.

Was the water body influenced by stormwater runoff during observations?

☐ Yes ☒ No

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

A. Upstream influences

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

☐ Oil field activities
☐ Urban runoff
☐ Upstream discharges
☐ Agricultural runoff
☐ Septic tanks
☒ Other(s), specify: Begins at plant.

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: Click to enter text.

C. Waterbody aesthetics

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

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

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 2.1: STREAM PHYSICAL CHARACTERISTICS

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

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

Section 1. General Information (Instructions Page 65)

Date of study: Click to enter text. Time of study: Click to enter text.

Stream name: Click to enter text.

Location: Click to enter text.

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

☐ Perennial ☐ Intermittent with perennial pools

Section 2. Data Collection (Instructions Page 65)

Number of stream bends that are well defined: Click to enter text.

Number of stream bends that are moderately defined: Click to enter text.

Number of stream bends that are poorly defined: Click to enter text.

Number of riffles: Click to enter text.

Evidence of flow fluctuations (check one):

☐ Minor ☐ moderate ☐ severe

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

Click to enter text.

Stream transects

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

Table 2.1(1) - Stream Transect Records

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

Section 3. Summarize Measurements (Instructions Page 65)

Streambed slope of entire reach, from USGS map in feet/feet: Click to enter text.

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

Length of stream evaluated, in feet: Click to enter text.

Number of lateral transects made: Click to enter text.

Average stream width, in feet: Click to enter text.

Average stream depth, in feet: Click to enter text.

Average stream velocity, in feet/second: Click to enter text.

Instantaneous stream flow, in cubic feet/second: Click to enter text.

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

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

Maximum pool depth, in feet: Click to enter text.

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 3.0: LAND DISPOSAL OF EFFLUENT

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

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

Identify the method of land disposal:

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

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

For existing authorizations, provide Registration Number: Click to enter text.

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

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

Table 3.0(1) – Land Application Site Crops

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

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

Table 3.0(2) – Storage and Evaporation Ponds

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

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

Attachment: Click to enter text.

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

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

☐ Yes ☐ No

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

Click to enter text.

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

Click to enter text.

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

Click to enter text.

Section 5. Annual Cropping Plan (Instructions Page 67)

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

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

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

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

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

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

Table 3.0(3) – Water Well Data

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

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

Attachment: Click to enter text.

Section 7. Groundwater Quality (Instructions Page 68)

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

Attachment: Click to enter text.

Are groundwater monitoring wells available onsite? ☐ Yes ☐ No

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

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

Attachment: Click to enter text.

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

A. Soil map

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

Attachment: Click to enter text.

B. Soil analyses

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

Attachment: Click to enter text.

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

Table 3.0(4) – Soil Data

Soil Series	Depth from Surface	Permeability	Available Water Capacity	Curve Number

Section 9. Effluent Monitoring Data (Instructions Page 70)

Is the facility in operation?

☐ Yes ☐ No

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

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

Table 3.0(5) – Effluent Monitoring Data

Date	30 Day Avg Flow MGD	BOD5 mg/l	TSS mg/l	pH	Chlorine Residual mg/l	Acres irrigated

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

Click to enter text.

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 3.1: SURFACE LAND DISPOSAL OF EFFLUENT

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

Section 1. Surface Disposal (Instructions Page 71)

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

A. Irrigation

Area under irrigation, in acres: Click to enter text.

Design application frequency:

hours/day Click to enter text. **And** days/week Click to enter text.

Land grade (slope):

average percent (%): Click to enter text.

maximum percent (%): Click to enter text.

Design application rate in acre-feet/acre/year: Click to enter text.

Design total nitrogen loading rate, in lbs N/acre/year: Click to enter text.

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

Method of application: Click to enter text.

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

Attachment: Click to enter text.

B. Evaporation ponds

Daily average effluent flow into ponds, in gallons per day: Click to enter text.

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

Attachment: Click to enter text.

C. Evapotranspiration beds

Number of beds: Click to enter text.

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

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

Void ratio of soil in the beds: Click to enter text.

Storage volume within the beds, in acre-feet: Click to enter text.

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

Attachment: Click to enter text.

D. Overland flow

Area used for application, in acres: Click to enter text.

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

Design application rate, in gpm/foot of slope width: Click to enter text.

Slope length, in feet: Click to enter text.

Design BOD_5 loading rate, in lbs BOD_5/acre/day: Click to enter text.

Design application frequency:

hours/day: Click to enter text. **And** days/week: Click to enter text.

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

Attachment: Click to enter text.

Section 2. Edwards Aquifer (Instructions Page 72)

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

Attachment: Click to enter text.

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 3.2: SURFACE LAND DISPOSAL OF EFFLUENT

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

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

Section 1. Subsurface Application (Instructions Page 73)

Identify the type of system:

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

Application area, in acres: Click to enter text.

Area of drainfield, in square feet: Click to enter text.

Application rate, in gal/square foot/day: Click to enter text.

Depth to groundwater, in feet: Click to enter text.

Area of trench, in square feet: Click to enter text.

Dosing duration per area, in hours: Click to enter text.

Number of beds: Click to enter text.

Dosing amount per area, in inches/day: Click to enter text.

Infiltration rate, in inches/hour: Click to enter text.

Storage volume, in gallons: Click to enter text.

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

Soil Classification: Click to enter text.

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

Attachment: Click to enter text.

Section 2. Edwards Aquifer (Instructions Page 73)

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 3.3: SUBSURFACE AREA DRIP DISPERSAL (SADDS) LAND DISPOSAL OF EFFLUENT

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

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

Section 1. Administrative Information (Instructions Page 74)

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

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

☐ Yes ☐ No

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

Click to enter text.

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

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

☐ Yes ☐ No

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

Click to enter text.

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

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

☐ Yes ☐ No

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

Click to enter text.

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

A. Type of system

☐ Subsurface Drip Irrigation

☐ Surface Drip Irrigation

☐ Other, specify: Click to enter text.

B. Irrigation operations

Application area, in acres: Click to enter text.

Infiltration Rate, in inches/hour: Click to enter text.

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

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

Storage volume, in gallons: Click to enter text.

Major soil series: Click to enter text.

Depth to groundwater, in feet: Click to enter text.

C. Application rate

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

☐ Yes ☐ No

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

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

☐ Yes ☐ No

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

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

☐ Yes ☐ No

Hydraulic application rate, in gal/square foot/day: Click to enter text.

Nitrogen application rate, in lbs/gal/day: Click to enter text.

D. Dosing information

Number of doses per day: Click to enter text.

Dosing duration per area, in hours: Click to enter text.

Rest period between doses, in hours: Click to enter text.

Dosing amount per area, in inches/day: Click to enter text.

Number of zones: Click to enter text.

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

☐ Yes ☐ No

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

Attachment: Click to enter text.

Section 3. Required Plans (Instructions Page 74)

A. Recharge feature plan

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

Attachment: Click to enter text.

B. Soil evaluation

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

Attachment: Click to enter text.

C. Site preparation plan

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

Attachment: Click to enter text.

D. Soil sampling/testing

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

Attachment: Click to enter text.

Section 4. Floodway Designation (Instructions Page 75)

A. Site location

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

☐ Yes ☐ No

B. Flood map

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

Attachment: Click to enter text.

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

A. Buffer Map

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

Attachment: Click to enter text.

B. Buffer variance request

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

☐ Yes ☐ No

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

Attachment: Click to enter text.

Section 6. Edwards Aquifer (Instructions Page 75)

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 4.0: POLLUTANT ANALYSIS REQUIREMENTS

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

This worksheet is not required minor amendments without renewal.

Section 1. Toxic Pollutants (Instructions Page 76)

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

Grab ☐ Composite ☐

Date and time sample(s) collected: Click to enter text.

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
Aldrin				0.01
Aluminum				2.5
Anthracene				10
Antimony				5
Arsenic				0.5
Barium				3
Benzene				10
Benzidine				50
Benzo(a)anthracene				5
Benzo(a)pyrene				5
Bis(2-chloroethyl)ether				10
Bis(2-ethylhexyl)phthalate				10
Bromodichloromethane				10
Bromoform				10
Cadmium				1
Carbon Tetrachloride				2
Carbaryl				5
Chlordane*				0.2
Chlorobenzene				10
Chlorodibromomethane				10

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

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

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

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
Arsenic				0.5
Beryllium				0.5
Cadmium				1
Chromium (Total)				3
Chromium (Hex)				3
Chromium (Tri) **(*1)**				N/A
Copper				2
Lead				0.5
Mercury				0.005
Nickel				2
Selenium				5
Silver				0.5
Thallium				0.5
Zinc				5
Cyanide **(*2)**				10
Phenols, Total				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
Acrylonitrile				50
Benzene				10
Bromoform				10
Carbon Tetrachloride				2
Chlorobenzene				10
Chlorodibromomethane				10
Chloroethane				50
2-Chloroethylvinyl Ether				10
Chloroform				10
Dichlorobromomethane [Bromodichloromethane]				10
1,1-Dichloroethane				10
1,2-Dichloroethane				10
1,1-Dichloroethylene				10
1,2-Dichloropropane				10
1,3-Dichloropropylene [1,3-Dichloropropene]				10
1,2-Trans-Dichloroethylene				10
Ethylbenzene				10
Methyl Bromide				50
Methyl Chloride				50
Methylene Chloride				20
1,1,2,2-Tetrachloroethane				10
Tetrachloroethylene				10
Toluene				10
1,1,1-Trichloroethane				10
1,1,2-Trichloroethane				10
Trichloroethylene				10
Vinyl Chloride				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
2,4-Dichlorophenol				10
2,4-Dimethylphenol				10
4,6-Dinitro-o-Cresol				50
2,4-Dinitrophenol				50
2-Nitrophenol				20
4-Nitrophenol				50
P-Chloro-m-Cresol				10
Pentalchlorophenol				5
Phenol				10
2,4,6-Trichlorophenol				10

Table 4.0(2)D – Base/Neutral Compounds

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

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

Table 4.0(2)E - Pesticides

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

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

Section 3. Dioxin/Furan Compounds

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

☐ 2,4,5-trichlorophenoxy acetic acid

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

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

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

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

Common Name Erbon, CASRN 136-25-4

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

Common Name Ronnel, CASRN 299-84-3

☐ 2,4,5-trichlorophenol

Common Name TCP, CASRN 95-95-4

☐ hexachlorophene

Common Name HCP, CASRN 70-30-4

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

Click to enter text.

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

☐ Yes ☐ No

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

Click to enter text.

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

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

Grab ☐ Composite ☐

Date and time sample(s) collected: Click to enter text.

Table 4.0(2)F – Dioxin/Furan Compounds

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

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 5.0: TOXICITY TESTING REQUIREMENTS

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

This worksheet is not required minor amendments without renewal.

Section 1. Required Tests

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

7-day Chronic: Click to enter text.

48-hour Acute: Click to enter text.

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.

Click to enter text.

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

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 6.0: INDUSTRIAL WASTE CONTRIBUTION

The following **is required** for **all publicly owned treatment works**.

Section 1. All POTWs (Instructions Page 87)

A. Industrial users (IUs)

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

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

Categorical IUs:

Number of IUs: 0

Average Daily Flows, in MGD: 0

Significant IUs – non-categorical:

Number of IUs: 0

Average Daily Flows, in MGD: 0

Other IUs:

Number of IUs: 0

Average Daily Flows, in MGD: 0

B. Treatment plant interference

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

☐ Yes ☒ No

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

Click to enter text.

C. Treatment plant pass through

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

☐ Yes ☒ No

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

Click to enter text.

D. Pretreatment program

Does your POTW have an approved pretreatment program?

☐ Yes ☒ No

If yes, complete Section 2 only of this Worksheet.

Is your POTW required to develop an approved pretreatment program?

☐ Yes ☒ No

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

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

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

A. Substantial modifications

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

☐ Yes ☐ No

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

Click to enter text.

B. Non-substantial modifications

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

☐ Yes ☐ No

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

Click to enter text.

C. Effluent parameters above the MAL

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

Table 6.0(1) – Parameters Above the MAL

Pollutant	Concentration	MAL	Units	Date

D. Industrial user interruptions

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

☐ Yes ☐ No

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

Click to enter text.

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

A. General information

Company Name: None.

SIC Code: Click to enter text.

Contact name: Click to enter text.

Address: Click to enter text.

City, State, and Zip Code: Click to enter text.

Telephone number: Click to enter text.

Email address: Click to enter text.

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: Click to enter text.

Discharge Type: ☐ Continuous ☐ Batch ☐ Intermittent

Non-Process Wastewater:

Discharge, in gallons/day: Click to enter text.

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: Subcategories: Click to enter text.

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

Category: Click to enter text.

Subcategories: Click to enter text.

Category: Click to enter text.

Subcategories: Click to enter text.

Category: Click to enter text.

Subcategories: Click to enter text.

Category: Click to enter text.

Subcategories: Click to enter text.

F. Industrial user interruptions

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

☐ Yes ☐ No

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

Click to enter text.

WORKSHEET 7.0

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

CLASS V INJECTION WELL INVENTORY/AUTHORIZATION FORM

Submit the completed form to:

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

For TCEQ Use Only
Reg. No._____
Date Received_____
Date Authorized_____

Section 1. General Information (Instructions Page 90)

1. TCEQ Program Area

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

Program ID: Click to enter text.

Contact Name: Click to enter text.

Phone Number: Click to enter text.

2. Agent/Consultant Contact Information

Contact Name: Click to enter text.

Address: Click to enter text.

City, State, and Zip Code: Click to enter text.

Phone Number: Click to enter text.

3. Owner/Operator Contact Information

☐ Owner ☐ Operator

Owner/Operator Name: Click to enter text.

Contact Name: Click to enter text.

Address: Click to enter text.

City, State, and Zip Code: Click to enter text.

Phone Number: Click to enter text.

4. Facility Contact Information

Facility Name: Click to enter text.

Address: Click to enter text.

City, State, and Zip Code: Click to enter text.

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

Facility Contact Person: Click to enter text.

Phone Number: Click to enter text.

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

Latitude: Click to enter text.

Longitude: Click to enter text.

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

Attach topographic quadrangle map as attachment A.

6. **Well Information**

Type of Well Construction, select one:

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

Number of Injection Wells: Click to enter text.

7. **Purpose**

Detailed Description regarding purpose of Injection System:

Click to enter text.

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

8. **Water Well Driller/Installer**

Water Well Driller/Installer Name: Click to enter text.

City, State, and Zip Code: Click to enter text.

Phone Number: Click to enter text.

License Number: Click to enter text.

Section 2. Proposed Down Hole Design

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

Table 7.0(1) – Down Hole Design Table

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

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

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

System(s) Dimensions: Click to enter text.

System(s) Construction: Click to enter text.

Section 4. Site Hydrogeological and Injection Zone Data

1. Name of Contaminated Aquifer: Click to enter text.

2. Receiving Formation Name of Injection Zone: Click to enter text.

3. Well/Trench Total Depth: Click to enter text.

4. Surface Elevation: Click to enter text.

5. Depth to Ground Water: Click to enter text.

6. Injection Zone Depth: Click to enter text.

7. Injection Zone vertically isolated geologically? ☐ Yes ☐ No

Impervious Strata between Injection Zone and nearest Underground Source of Drinking Water:

Name: Click to enter text.

Thickness: Click to enter text.

8. Provide a list of contaminants and the levels (ppm) in contaminated aquifer

Attach as Attachment E.

9. Horizontal and Vertical extent of contamination and injection plume

Attach as Attachment F.

10. Formation (Injection Zone) Water Chemistry (Background levels) TDS, etc.

Attach as Attachment G.

11. Injection Fluid Chemistry in PPM at point of injection

Attach as Attachment H.

12. Lowest Known Depth of Ground Water with < 10,000 PPM TDS: Click to enter text.

13. Maximum injection Rate/Volume/Pressure: Click to enter text.

14. Water wells within 1/4 mile radius (attach map as Attachment I): Click to enter text.

15. Injection wells within 1/4 mile radius (attach map as Attachment J): Click to enter text.

16. Monitor wells within 1/4 mile radius (attach drillers logs and map as Attachment K): Click to enter text.

17. Sampling frequency: Click to enter text.

18. Known hazardous components in injection fluid: Click to enter text.

Section 5. Site History

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

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

Class V Injection Well Designations

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

Attachment A

Hudspeth County Water Control and Improvement District No. 1
Sierra Blanca Wastewater Treatment Facility
TPDES Permit Renewal Application
Permit No. WQ0013858001

Core Data Form

Admin Report 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 600631972		RN 102181849

SECTION II: Customer Information

4. General Customer Information	5. Effective Date for Customer Information Updates (mm/dd/yyyy)	06/18/2025

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

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:*
Hudspeth County Water Control and Improvement District No. 1	

7. TX SOS/CPA Filing Number	8. TX State Tax ID (11 digits)	9. Federal Tax ID (9 digits)	10. DUNS Number *(if applicable)*
	32003657734	746026399	556823771

11. Type of Customer:

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

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:	105 North Sierra Blanca Avenue						
	City	Sierra Blanca	**State**	TX	**ZIP**	79851	**ZIP + 4** 0188

16. Country Mailing Information *(if outside USA)*	17. E-Mail Address *(if applicable)*
	mac10@valornet.com

18. Telephone Number	19. Extension or Code	20. Fax Number *(if applicable)*
(915) 369-2221		(915) 369-2705

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.)*

Sierra Blanca Wastewater Treatment Facility

23. Street Address of the Regulated Entity: ***(No PO Boxes)***	100 Sunset Dr							
	City	Sierra Blanca	**State**	TX	**ZIP**	79851	**ZIP + 4**	188
24. County	Hudspeth							

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

25. Description to Physical Location:	0.28 miles Southeast of the intersection of Sunset Rd and Texas Blvd in Sierra Blanca, Hudspeth County, Texas.				
26. Nearest City			**State**	**Nearest ZIP Code**	
Sierra Blanca			TX	79851	

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:	31.16798		**28. Longitude (W) In Decimal:**	-105.32374	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
31	10	04.74	105	19	25.46

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

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

Wastewater Treatment

34. Mailing Address:	**105 North Sierra Blanca Avenue**							
	City	Sierra Blanca	**State**	TX	**ZIP**	79851	**ZIP + 4**	188
35. E-Mail Address:	mac10@valornet.com							

36. Telephone Number	37. Extension or Code	38. Fax Number *(if applicable)*
(915) 369-2221		(915) 369-2705

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:
	WQ0013858001			

SECTION IV: Preparer Information

40. Name:	Marco Ramirez	**41. Title:**	West Texas Infrastructure Leader

42. Telephone Number	**43. Ext./Code**	**44. Fax Number**	**45. E-Mail Address**
(915) 801-0182		( ) -	maramirez@garverusa.com

SECTION V: Authorized Signature

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

Company:	Hudspeth County WCID 1	**Job Title:**	President	
Name *(In Print):*	Michael Rose		**Phone:**	(915) 369- **2221**
Signature:	Michael D Rose		**Date:**	June 18, 2025

Attachment B

Hudspeth County Water Control and Improvement District No. 1
Sierra Blanca Wastewater Treatment Facility
TPDES Permit Renewal Application
Permit No. WQ0013858001

Plain Language Summary

Admin Report 1.0, Section 8.F.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

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

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.

Hudspeth County Water Control and Improvement District No.1 (CN600631972) operates Sierra Blanca Wastewater Treatment Facility (RN102181849), a series of treatment lagoons that include a facultative lagoon, Stabilization Lagoon and a polishing lagoon.. The facility is located at 100 Sunset Drive, in Sierra Blanca, Hudspeth County, Texas 79851. This application is for a permit renewal to discharge a daily average flow of 160,000 gallons per day of treated domestic wastewater.

Discharges from the facility are expected to contain five-day biochemical oxygen demand (BOD_5), total suspended solids (TSS), *Escherichia coli* (*E.coli*). Domestic wastewater is treated by a series of lagoons that include a facultative lagoon and a stabilization lagoon whose effluent is treated by a polishing lagoon before discharge. Discharge is intermittent and occurs infrequently throughout the year.

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.

Hudspeth County Water Control and Improvement District No.1 (CN600631972) opera Sierra Blanca Wastewater Treatment Facility (RN102181849), una serie de lagunas de tratamiento que incluyen una laguna facultativa, una laguna de estabilización y una laguna de pulido. La instalación está ubicada en 100 Sunset Drive, en Sierra Blanca, Condado de Hudspeth, Texas 79851. Esta solicitud corresponde a la renovación de un permiso para descargar un caudal promedio diario de 160,000 galones por día de aguas residuales domesticas tratadas.

Se espera que las descargas de la instalación contengan demanda bioquímica de oxígeno a cinco días (DOB5), solidos suspendidos totales (SST) y Escherichia coli (E. coli). Las aguas residuales domesticas se tratan mediante una serie de lagunas que incluyen una laguna facultativa y una laguna estabilización, cuyo efluente. está tratado por una laguna de pulido antes del vertido. El vertido es intermitente y ocurre esporádicamente a lo largo del año.

Attachment C

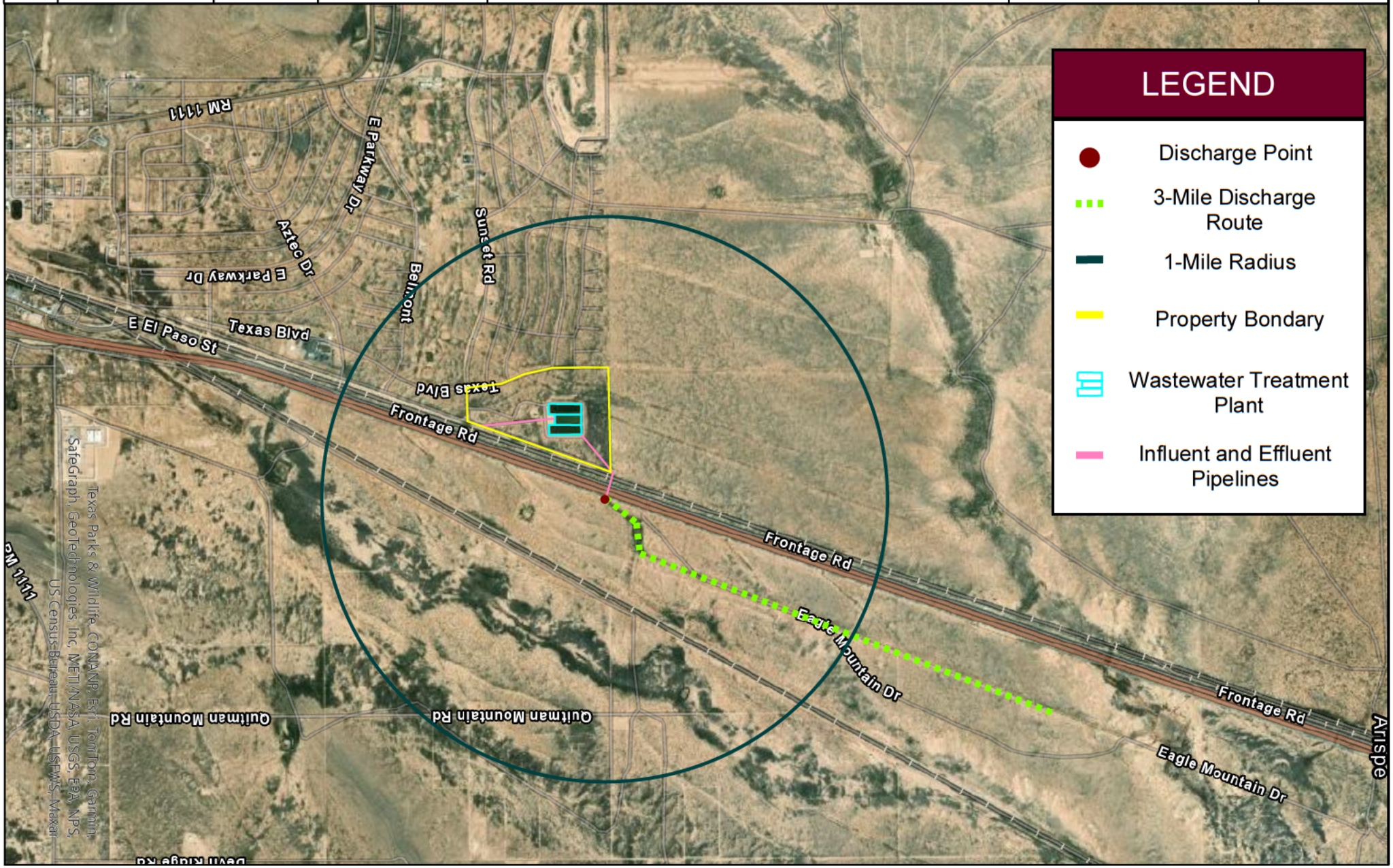
Hudspeth County Water Control and Improvement District No. 1
Sierra Blanca Wastewater Treatment Facility
TPDES Permit Renewal Application
Permit No. WQ0013858001

Discharge Route Map

Admin Report 1.0, Section 10.B.

Attachment C

Permit Number WQ0013858001	221 N Kansas Street Suite 1208 El Paso, TX 79901 (915) 808-4164	JOB NO.: W06-2402366 DATE: JUNE 2025 DESIGNED BY: LA DRAWN BY: LA	General Location in Texas	HUDSPETH COUNTY WATER CONTROL AND IMPROVEMENT DISTRICT NO. 1 SIERRA BLANCA WASTEWATER TREATMENT FACILITY	HUDSPETH WATER DEPT. COUNTY	Discharge Route Map



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Attachment D

Hudspeth County Water Control and Improvement District No. 1
Sierra Blanca Wastewater Treatment Facility
TPDES Permit Renewal Application
Permit No. WQ001385001

Supplemental Permit Information Form
(SPIF)

Admin Report, Page 14

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: Hudspeth County WC&ID No. 1

   Permit No. WQ00 13858001 EPA ID No. TX 0115657

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

   THE FACILITY IS 0.28 MILES SOUTHEAST OF THE INTERSECTION OF SUNSET ROAD AND TEXAS BOULEVARD IN SIERRA BLANCA, HUDSPETH COUNTY, TX.

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: Macario Marquez Jr

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

Title: General Manager

Mailing Address: 105 North Sierra Blanca Avenue

City, State, Zip Code: Sierra Blanca TX 79851

Phone No.: 915-369-2221 Ext.: Fax No.: 915-369-2705

E-mail Address: mac10@valornet.com

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

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.

Segment No. 2300 of the Rio Grande Basin

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

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

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

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

☐ Disturbance of vegetation or wetlands

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

N/A

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

N/A

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

Permit Number
WQ0013858001

221 N Kansas Street
Suite 1208
El Paso, TX 79901
(915) 808-4164

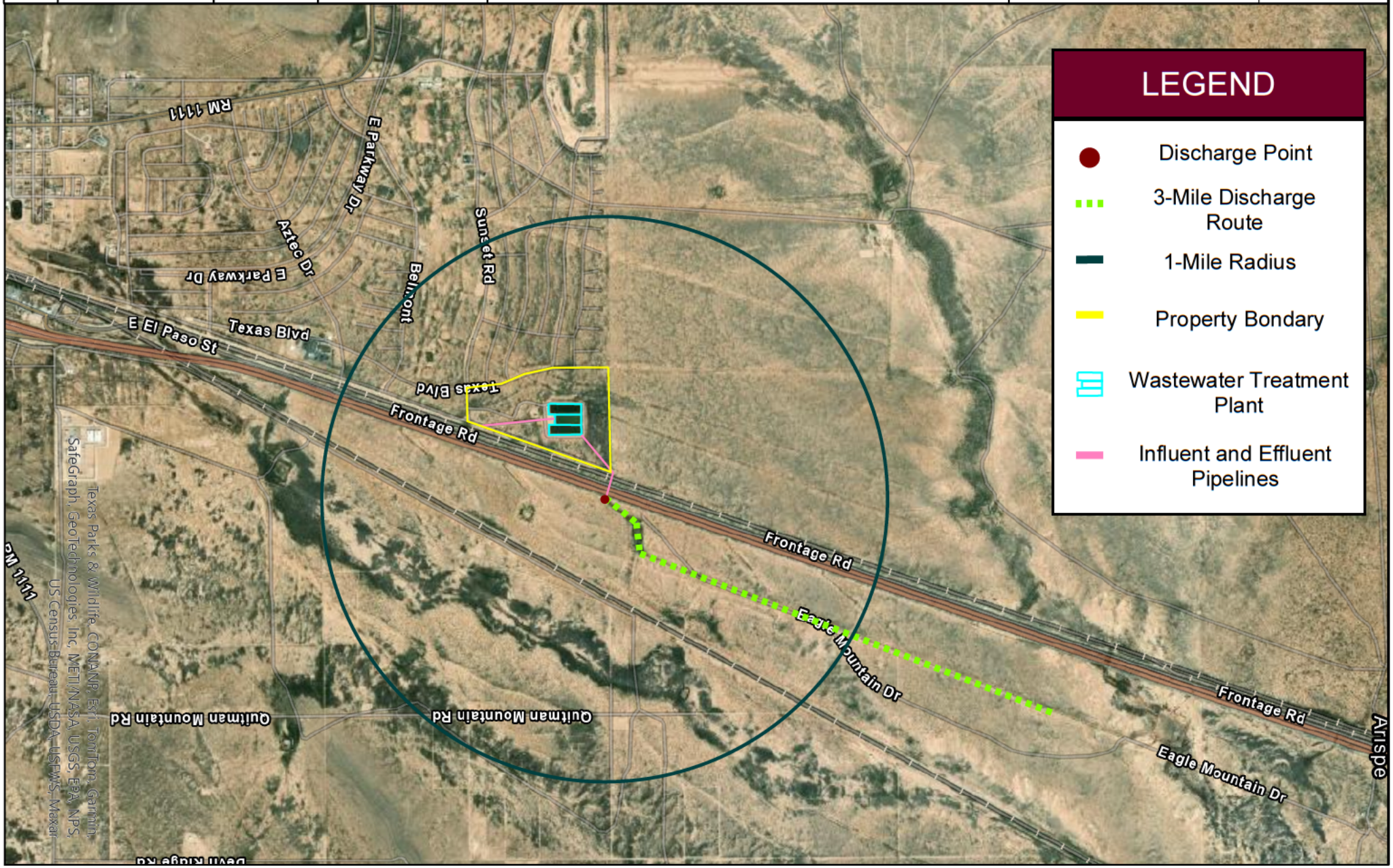
JOB NO.: W06-2402366
DATE: JUNE 2025
DESIGNED BY: LA
DRAWN BY: LA

General Location in Texas

HUDSPETH COUNTY WATER CONTROL AND IMPROVEMENT DISTRICT NO. 1 SIERRA BLANCA WASTEWATER TREATMENT FACILITY

Discharge Route Map

GARVER



Attachment E

Hudspeth County Water Control and Improvement District No. 1
Sierra Blanca Wastewater Treatment Facility
TPDES Permit Renewal Application
Permit No. WQ0013858001

Process Flow Diagram

Tech Report 1.0, Section 2.C.

FIGURE NUMBER: 1

221 N Kansas Street
Suite 1208
El Paso, TX 79901
(915) 808-4164

JOB NO.: W06-2402366
DATE: JUNE 2025
DESIGNED BY: N/A
DRAWN BY: LA

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0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST

HUDSPETH COUNTY WATER CONTROL AND IMPROVEMENT DISTRICT NO. 1
HUDSPETH COUNTY, TEXAS
HCWCID 1 W and WW Opps

PROCESS FLOW DIAGRAM

Attachment F

Hudspeth County Water Control and Improvement District No. 1
Sierra Blanca Wastewater Treatment Facility
TPDES Permit Renewal Application
Permit No. WQ0013858001

Treatment Plant Service Area

Tech Report 1.0, Section 3.

Attachment F

Permit Number WQ0013858001

221 N Kansas Street
Suite 1208
El Paso, TX 79901
(915) 808-4164

JOB NO.: W06-2402366
DATE: JUNE 2025
DESIGNED BY: N/A
DRAWN BY: LA

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST

HUDSPETH COUNTY WATER CONTROL AND IMPROVEMENT DISTRICT NO. 1
SIERRA BLANCA WASTEWATER TREATMENT FACILITY

Treatment Plant Service Area

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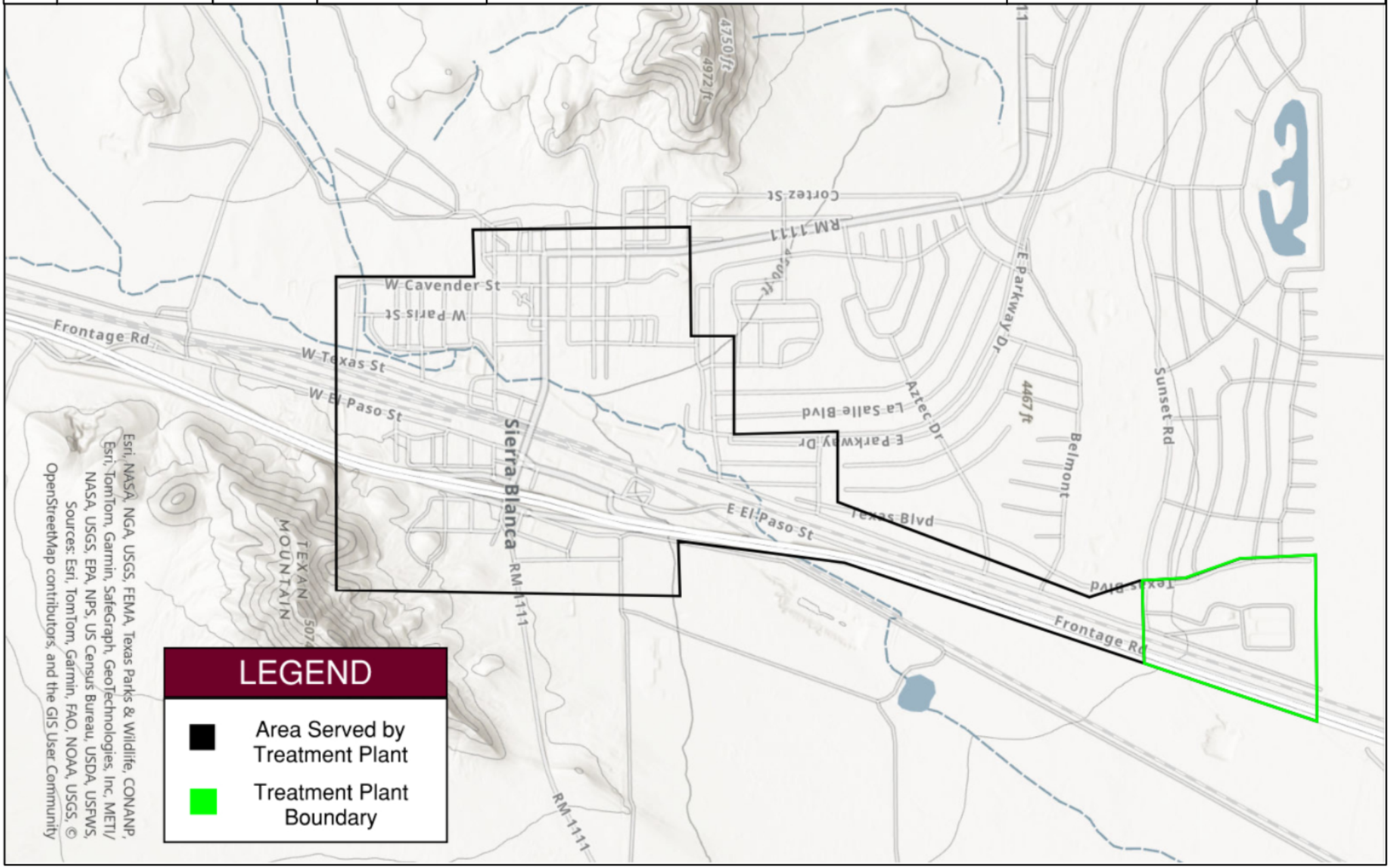

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Attachment G

Hudspeth County Water Control and Improvement District No. 1
Sierra Blanca Wastewater Treatment Facility
TPDES Permit Renewal Application
Permit No. WQ0013858001

Summary Transmittal Letter

Tech Report 1.0, Section 6.A.

April 25, 1997

Mr. Stanley Saathoff, President
Hudspeth County WCID No. 1
P. O. Box 371
Sierra Blanca, Texas 79851

Re: Hudspeth County WCID No. 1
CWTAP/EDAP
Wastewater System and Treatment Plant Plans and Specifications

Dear Mr. Saathoff:

The enclosed contract documents, including plans and specifications, for the proposed construction of a wastewater collection system and treatment plant have been reviewed and approved for compliance with all Texas Water Development Board requirements, compliance with 30 TAC Chapter 317, Design Criteria for Sewerage Systems, and state permit conditions that apply to construction activities. This approval does not relieve the design engineer of his legal responsibility for the integrity of the design.

This approval includes the construction of approximately 27,982 linear feet of 6- and 8-inch SDR 35 gravity wastewater line, approximately 2,288 linear feet of 6-inch C-900 gravity pipe, 21 cleanouts, 106 manholes, 69 residential service connections, approximately 6,531 linear feet of 4-inch residential service line, approximately 743 linear feet of 12- and 18-inch steel casing pipe, approximately 78 linear feet of 12-inch CMP drainage line, removal of 75 septic tanks/ cesspools, wastewater treatment plant, including bar screen, parshall flume and metering station, yard piping, a faclutative lagoon, two oxidation ponds, recirculation pump, and appurtenances. Non-CWTAP/EDAP eligible items in this approval include 29 commercial and public service connections, approximately 2,830 linear feet of 4-inch service line for commercial and public connections, and removal of 29 commercial and public septic tanks/ cesspools.

The materials and methods of construction are to be in accordance with the specifications provided by the project engineer. All wastewater related construction items on the plans are considered eligible for funding.

Please be reminded that the Texas Water Development Board will not fund the testing, remediation, removal, disposal, or related work for contaminated or potentially contaminated

material. However, the city should insure that such materials are tested, removed, and disposed of in accordance with applicable state and federal laws.

Your cooperation is appreciated. Should you have any questions or need further assistance, please call Ken Heroy at (512) 463-7950.

Sincerely,

Mark Hall

Mark D. Hall, P.E., Chief
Wastewater Engineering Section
Engineering Division

MDH/KH/cb

cc: Gutierrez, Smouse, Wilmut & Assoc., Midland
Attn: Mr. Steve Dennis, P. E
Texas Natural Resource Conservation Commission
Attn: Mr. Sasha Earl, Plans and Specifications Team
Texas Natural Resource Conservation Commission - Region 6

Attachment H

Hudspeth County Water Control and Improvement District No. 1
Sierra Blanca Wastewater Treatment Facility
TPDES Permit Renewal Application
Permit No. WQ0013858001

Laboratory Data Reports and
Plant Bench Sheets

Tech Report 1.0, Section 7.

eurofins | Environment Testing

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

ANALYTICAL REPORT

PREPARED FOR

Attn: Macario Marquez
Hudspeth County WCID #1
PO BOX 188
Sierra Blanca, Texas 79851

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JOB DESCRIPTION

Sierra Blanca WWi
SIERRA Blanca WWI

JOB NUMBER

830-4934-1

Eurofins El Paso
200 East Sunset Rd.
Suite E
El Paso TX 79922

See page two for job notes and contact information.

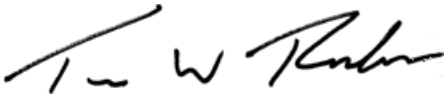
my EOL

Job Notes

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

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

Authorization



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Authorized for release by
Travis Richter, Project Manager
Travis.Richter@et.eurofinsus.com
(281)794-7216

Table of Contents

Definitions/Glossary

Client: Hudspeth County WCID #1
Project/Site: Sierra Blanca WWi

Job ID: 830-4934-1
SDG: SIERRA Blanca WWI

Qualifiers

General Chemistry

Qualifier	Qualifier Description
b	Result Detected in the Unseeded Control blank (USB).
U	Indicates the analyte was analyzed for but not detected.

Biology

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.

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
830-4934-1

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 are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample 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 2/14/2024 10:00 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 7.0°C.

General Chemistry
Method 2540D: Due to the nature of the sample matrix, a sample volume less than 1L was utilized for this procedure specified by the SM 2540D reference method. The following samples were impacted: Sierra Blanca Lagoon (830-4934-1), (830-4933-A-1) and (830-4933-A-1 DU).

Method SM5210B_BODCalc: The method blank result associated with batch 830-1746 was higher than the method-required limit of 0.2 mg/L.

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

Biology
Method 9223B_ClQT18_8H: The following sample was received at the analyzing lab outside of holding time, because it was shipped overnight from the receiving lab: Sierra Blanca Lagoon (830-4934-1).

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

Client Sample Results

Client: Hudspeth County WCID #1
Project/Site: Sierra Blanca WWi

Job ID: 830-4934-1
SDG: SIERRA Blanca WWI

Client Sample ID: Sierra Blanca Lagoon

Lab Sample ID: 830-4934-1

Date Collected: 02/14/24 08:00
Matrix: Water
Date Received: 02/14/24 10:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (SM 2540D)	32.5		6.67	6.67	mg/L			02/15/24 15:22	1
Biochemical Oxygen Demand (SM5210B)	30.1	b	30.0	30.0	mg/L			02/15/24 07:30	1

Method: SM 9223B - Coliforms, Total, and E.Coll (Colilert - Quanti Tray)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Coliform, Total	>2400	H	1.0	1.0	MPN/100mL			02/15/24 14:15	1
Escherichia coli	5.2	H	1.0	1.0	MPN/100mL			02/15/24 14:15	1

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

Lab Sample ID: LCS 830-1747/2
Matrix: Water
Analysis Batch: 1747

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Suspended Solids			100	112.0		mg/L		112	80 - 120		

Lab Sample ID: LCSD 830-1747/3
Matrix: Water
Analysis Batch: 1747

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
Total Suspended Solids			100	103.0		mg/L		103	80 - 120	8	10

Method: SM5210B - BOD, 5 Day

Lab Sample ID: SCB 830-1746/2
Matrix: Water
Analysis Batch: 1746

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

Analyte	SCB Result	SCB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	<2.00	U	2.00	2.00	mg/L			02/15/24 07:30	1

Lab Sample ID: USB 830-1746/1
Matrix: Water
Analysis Batch: 1746

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

Analyte	USB Result	USB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	<2.00	U	2.00	2.00	mg/L			02/15/24 07:30	1

Lab Sample ID: LCS 830-1746/3
Matrix: Water
Analysis Batch: 1746

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Biochemical Oxygen Demand			198	190.6		mg/L		96	85 - 115		

QC Association Summary

Client: Hudspeth County WCID #1
Project/Site: Sierra Blanca WWi

Job ID: 830-4934-1
SDG: SIERRA Blanca WWI

General Chemistry

Analysis Batch: 1746

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4934-1	Sierra Blanca Lagoon	Total/NA	Water	SM5210B	
SCB 830-1746/2	Method Blank	Total/NA	Water	SM5210B	
USB 830-1746/1	Method Blank	Total/NA	Water	SM5210B	
LCS 830-1746/3	Lab Control Sample	Total/NA	Water	SM5210B	

Analysis Batch: 1747

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4934-1	Sierra Blanca Lagoon	Total/NA	Water	SM 2540D	
LCS 830-1747/2	Lab Control Sample	Total/NA	Water	SM 2540D	
LCSD 830-1747/3	Lab Control Sample Dup	Total/NA	Water	SM 2540D	

Biology

Analysis Batch: 2389

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4934-1	Sierra Blanca Lagoon	Total/NA	Water	9223B	

Lab Chronicle

Client: Hudspeth County WCID #1
Project/Site: Sierra Blanca WWi

Job ID: 830-4934-1
SDG: SIERRA Blanca WWI

Client Sample ID: Sierra Blanca Lagoon
Date Collected: 02/14/24 08:00
Date Received: 02/14/24 10:00

Lab Sample ID: 830-4934-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	600 mL	1000 mL	1747	02/15/24 15:22	MG	EET EP
Total/NA	Analysis	SM5210B		1	20 mL	300 mL	1746	02/15/24 07:30	MG	EET EP
Total/NA	Analysis	9223B		1	100 mL	100 mL	2389	02/15/24 14:15	CT	EET LUB

Laboratory References:

EET EP = Eurofins El Paso, 200 East Sunset Rd., Suite E, El Paso, TX 79922, TEL (915)585-3443

EET LUB = Eurofins Lubbock, 6701 Aberdeen Ave., Suite 8, Lubbock, TX 79424, TEL (806)794-1296

Accreditation/Certification Summary

Client: Hudspeth County WCID #1
Project/Site: Sierra Blanca WWi

Job ID: 830-4934-1
SDG: SIERRA Blanca WWI

Laboratory: Eurofins El Paso

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704221-23-21	04-30-24

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
SM 2540D		Water	Total Suspended Solids

Laboratory: Eurofins Lubbock

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704219-23-30	03-31-24

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
9223B		Water	Coliform, Total

Method Summary

Client: Hudspeth County WCID #1
Project/Site: Sierra Blanca WWi

Job ID: 830-4934-1
SDG: SIERRA Blanca WWI

Method	Method Description	Protocol	Laboratory
SM 2540D	Solids, Total Suspended (TSS)	SM	EET EP
SM5210B	BOD, 5 Day	SM	EET EP
9223B	Coliforms, Total, and E.Coll (Colilert - Quanti Tray)	SM	EET LUB

Protocol References:

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

Laboratory References:

EET EP = Eurofins El Paso, 200 East Sunset Rd., Suite E, El Paso, TX 79922, TEL (915)585-3443

EET LUB = Eurofins Lubbock, 6701 Aberdeen Ave., Suite 8, Lubbock, TX 79424, TEL (806)794-1296

Sample Summary

Client: Hudspeth County WCID #1
Project/Site: Sierra Blanca WWi

Job ID: 830-4934-1
SDG: SIERRA Blanca WWI

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
830-4934-1	Sierra Blanca Lagoon	Water	02/14/24 08:00	02/14/24 10:00

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

830-4934 Chain of Custody

Loc: 830
4934

2/21/2024

www.xenco.com Page _____ of _____

Project Manager:	Machiko Marquez	Bill to: (if different)	
Company Name:	Hudspeth County WCID	Company Name:	
Address:	PO Box 158	Address:	
City, State ZIP:	Sierra Blanca, TX 79851	City, State ZIP:	
Phone:	915-369-2221	Email:	Mquez_VA@aol.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Sierra Blanca WWTP	Turn Around	☐ Routine ☐ Rush
Project Number:	021424	Due Date:	
Project Location:	Sierra Blanca Lagoon	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Machiko Marquez		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID:	IR-2
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	7.2
Total Containers:		Corrected Temperature:	7

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: BOD, TSS, E. Coli	ANALYSIS REQUEST
Sierra Blanca Lagoon	W	2/14/24	08:00		Grab	3		/ / /	

Preservative Codes

None: NO | DI Water: H_2O
Cool: Cool | MeOH: Me
HCL: HC | HNO_3: HN
H_2SO_4: H_2 | NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Comments

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			2-14-24 1000	2	2/14/24 10:00	2/14/24 10:00
3				4		
5				6		

Revised Date: 08/25/2020 Rev. 2020.2

Eurofins El Paso
200 East Sunset Rd. Suite E
El Paso, TX 79922
Phone: 915-585-3443

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler:	Lab PM: Richter, Travis W	Carrier Tracking No(s):	COC No: 830-2049.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Travis.Richter@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 830-4934-1
Address: 6701 Aberdeen Ave., Suite 8,	Due Date Requested: 2/21/2024			
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424				
Phone: 806-794-1296(Tel)	PO #:			
Email:	WO #:			
Project Name: Sierra Blanca WWi	Project #: 83000039			
Site:	SSOW#:			

Analysis Requested

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

Sample Identification - 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)	9223B_CIQT18_8H	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
Sierra Blanca Lagoon (830-4934-1)	2/14/24	08:00 Mountain		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:

	Date/Time	Company		Date/Time	Company
Relinquished by: [signature]	2/14/24 1510		Received by: CT	2/15/24 930	
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: 3.9/3.8

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: Hudspeth County WCID #1

Job Number: 830-4934-1
SDG Number: SIERRA Blanca WWI

Login Number: 4934
List Number: 1
Creator: Rios-Lumpkins, Christina

List Source: Eurofins El Paso

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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: Hudspeth County WCID #1

Job Number: 830-4934-1
SDG Number: SIERRA Blanca WWI

Login Number: 4934
List Number: 2
Creator: Triplett, Colby

List Source: Eurofins Lubbock
List Creation: 02/15/24 11:06 AM

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

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

ANALYTICAL REPORT

PREPARED FOR

Attn: Macario Marquez
Hudspeth County WCID #1
PO BOX 188
Sierra Blanca, Texas 79851

Generated 2/28/2024 10:03:42 AM

JOB DESCRIPTION

Sierra Blanca Lagoon
Sierra Blanca Lagoon,TX

JOB NUMBER

830-4975-1

Eurofins El Paso
200 East Sunset Rd.
Suite E
El Paso TX 79922

See page two for job notes and contact information.

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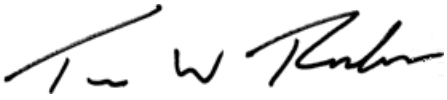
Job Notes

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

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

Authorization



Generated
2/28/2024 10:03:42 AM

Authorized for release by
Travis Richter, Project Manager
Travis.Richter@et.eurofinsus.com
(281)794-7216

Table of Contents

Definitions/Glossary

Client: Hudspeth County WCID #1
Project/Site: Sierra Blanca Lagoon

Job ID: 830-4975-1
SDG: Sierra Blanca Lagoon,TX

Qualifiers

General Chemistry

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Biology

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.

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
830-4975-1

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 are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample 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 2/21/2024 11:31 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 6.0°C.

General Chemistry
Method 2540D: Due to the nature of the sample matrix, a sample volume less than 1L was utilized for this procedure specified by the SM 2540D reference method. The following sample was impacted: Sierra Blanco Lagoon (830-4975-1).

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

Biology
Method 9223B_ClQT18_8H: The following sample was received at the analyzing lab outside of holding time, because it was shipped overnight from the receiving lab: Sierra Blanco Lagoon (830-4975-1).

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

Client Sample Results

Client: Hudspeth County WCID #1
Project/Site: Sierra Blanca Lagoon

Job ID: 830-4975-1
SDG: Sierra Blanca Lagoon,TX

Client Sample ID: Sierra Blanco Lagoon

Date Collected: 02/21/24 08:30
Date Received: 02/21/24 11:31

Lab Sample ID: 830-4975-1

Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (SM 2540D)	27.8		8.00	8.00	mg/L			02/22/24 09:16	1
Biochemical Oxygen Demand (SM5210B)	43.4		30.0	30.0	mg/L			02/22/24 07:00	1

Method: SM 9223B - Coliforms, Total, and E.Coll (Colilert - Quanti Tray)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Coliform, Total	>2400	H	1.0	1.0	MPN/100mL			02/22/24 16:45	1
Escherichia coli	93	H	1.0	1.0	MPN/100mL			02/22/24 16:45	1

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

Lab Sample ID: LCS 830-1755/2
Matrix: Water
Analysis Batch: 1755

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Suspended Solids			100	106.0		mg/L		106	80 - 120		

Lab Sample ID: LCSD 830-1755/3
Matrix: Water
Analysis Batch: 1755

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
Total Suspended Solids			100	96.00		mg/L		96	80 - 120	10	10

Method: SM5210B - BOD, 5 Day

Lab Sample ID: SCB 830-1753/2
Matrix: Water
Analysis Batch: 1753

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

Analyte	SCB Result	SCB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	<2.00	U	2.00	2.00	mg/L			02/22/24 07:00	1

Lab Sample ID: USB 830-1753/1
Matrix: Water
Analysis Batch: 1753

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

Analyte	USB Result	USB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	<2.00	U	2.00	2.00	mg/L			02/22/24 07:00	1

Lab Sample ID: LCS 830-1753/3
Matrix: Water
Analysis Batch: 1753

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Biochemical Oxygen Demand			198	203.1		mg/L		103	85 - 115		

QC Association Summary

Client: Hudspeth County WCID #1
Project/Site: Sierra Blanca Lagoon

Job ID: 830-4975-1
SDG: Sierra Blanca Lagoon,TX

General Chemistry

Analysis Batch: 1753

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4975-1	Sierra Blanco Lagoon	Total/NA	Water	SM5210B	
SCB 830-1753/2	Method Blank	Total/NA	Water	SM5210B	
USB 830-1753/1	Method Blank	Total/NA	Water	SM5210B	
LCS 830-1753/3	Lab Control Sample	Total/NA	Water	SM5210B	

Analysis Batch: 1755

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4975-1	Sierra Blanco Lagoon	Total/NA	Water	SM 2540D	
LCS 830-1755/2	Lab Control Sample	Total/NA	Water	SM 2540D	
LCSD 830-1755/3	Lab Control Sample Dup	Total/NA	Water	SM 2540D	

Biology

Analysis Batch: 2408

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-4975-1	Sierra Blanco Lagoon	Total/NA	Water	9223B	

Lab Chronicle

Client: Hudspeth County WCID #1
Project/Site: Sierra Blanca Lagoon

Job ID: 830-4975-1
SDG: Sierra Blanca Lagoon,TX

Client Sample ID: Sierra Blanco Lagoon
Date Collected: 02/21/24 08:30
Date Received: 02/21/24 11:31

Lab Sample ID: 830-4975-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	500 mL	1000 mL	1755	02/22/24 09:16	MG	EET EP
Total/NA	Analysis	SM5210B		1	20 mL	300 mL	1753	02/22/24 07:00	MG	EET EP
Total/NA	Analysis	9223B		1	100 mL	100 mL	2408	02/22/24 16:45	CT	EET LUB

Laboratory References:

EET EP = Eurofins El Paso, 200 East Sunset Rd., Suite E, El Paso, TX 79922, TEL (915)585-3443

EET LUB = Eurofins Lubbock, 6701 Aberdeen Ave., Suite 8, Lubbock, TX 79424, TEL (806)794-1296

Accreditation/Certification Summary

Client: Hudspeth County WCID #1
Project/Site: Sierra Blanca Lagoon

Job ID: 830-4975-1
SDG: Sierra Blanca Lagoon,TX

Laboratory: Eurofins El Paso

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704221-23-21	04-30-24

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
SM 2540D		Water	Total Suspended Solids

Laboratory: Eurofins Lubbock

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704219-23-30	03-31-24

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
9223B		Water	Coliform, Total

Method Summary

Client: Hudspeth County WCID #1
Project/Site: Sierra Blanca Lagoon

Job ID: 830-4975-1
SDG: Sierra Blanca Lagoon,TX

Method	Method Description	Protocol	Laboratory
SM 2540D	Solids, Total Suspended (TSS)	SM	EET EP
SM5210B	BOD, 5 Day	SM	EET EP
9223B	Coliforms, Total, and E.Coll (Colilert - Quanti Tray)	SM	EET LUB

Protocol References:

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

Laboratory References:

EET EP = Eurofins El Paso, 200 East Sunset Rd., Suite E, El Paso, TX 79922, TEL (915)585-3443

EET LUB = Eurofins Lubbock, 6701 Aberdeen Ave., Suite 8, Lubbock, TX 79424, TEL (806)794-1296

Sample Summary

Client: Hudspeth County WCID #1
Project/Site: Sierra Blanca Lagoon

Job ID: 830-4975-1
SDG: Sierra Blanca Lagoon,TX

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
830-4975-1	Sierra Blanco Lagoon	Water	02/21/24 08:30	02/21/24 11:31

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

830-4975 Chain of Custody

Loc: 830
4975

2/28/2024

www.xenco.com Page _____ of _____

Project Manager:	MACARIO MARQUEZ II	Bill to: (if different)	
Company Name:	Mudspeth County WCID	Company Name:	
Address:	PO. Box 188	Address:	
City, State ZIP:	Sierra Blanca, TX 79851	City, State ZIP:	
Phone:	915-369-2221	Email:	MAC10@VALORNET.COM

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Sierra Blanca Lagoon	Turn Around	
Project Number:	022124	☐ Routine ☐ Rush	
Project Location:	Sierra Blanca TX	Due Date:	
Sampler's Name:	Macario Marquez	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID:	IR-2
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	6.2
Total Containers:		Corrected Temperature:	6

Preservative Codes

None: NO | DI Water: H_2O
Cool: Cool | MeOH: Me
HCL: HC | HNO_3: HN
H_2SO_4: H_2 | NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: NaSO$_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: BOD	TSS	Ft. Coli	Sample Comments
Sierra Blanca Lagoon	W	02/21/24	08:30	-	Grab	3		/	/	/	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		2.21.24 / 10:00	2		2/21/24 11:31
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

Login Sample Receipt Checklist

Client: Hudspeth County WCID #1

Job Number: 830-4975-1
SDG Number: Sierra Blanca Lagoon,TX

Login Number: 4975
List Number: 1
Creator: Rios-Lumpkins, Christina

List Source: Eurofins El Paso

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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: Hudspeth County WCID #1

Job Number: 830-4975-1
SDG Number: Sierra Blanca Lagoon,TX

Login Number: 4975
List Number: 2
Creator: Triplett, Colby

List Source: Eurofins Lubbock
List Creation: 02/22/24 10:54 AM

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

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

ANALYTICAL REPORT

PREPARED FOR

Attn: Macario Marquez
Hudspeth County WCID #1
PO BOX 188
Sierra Blanca, Texas 79851

Generated 3/6/2024 1:44:02 PM

JOB DESCRIPTION

Sierra Blanca Lagoon
Sierra Blanca

JOB NUMBER

830-5005-1

Eurofins El Paso
200 East Sunset Rd.
Suite E
El Paso TX 79922

See page two for job notes and contact information.

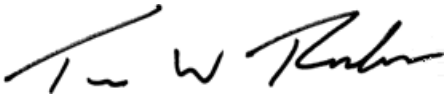
myEOL

Job Notes

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

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

Authorization



Generated
3/6/2024 1:44:02 PM

Authorized for release by
Travis Richter, Project Manager
Travis.Richter@et.eurofinsus.com
(281)794-7216

Table of Contents

Definitions/Glossary

Client: Hudspeth County WCID #1
Project/Site: Sierra Blanca Lagoon

Job ID: 830-5005-1
SDG: Sierra Blanca

Qualifiers

General Chemistry

Qualifier	Qualifier Description
b	Result Detected in the Unseeded Control blank (USB).
U	Indicates the analyte was analyzed for but not detected.

Biology

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.

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
830-5005-1

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 are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample 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 2/28/2024 11:42 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 8.2°C.

General Chemistry
Method 2540D: Due to the nature of the sample matrix, a sample volume less than 1L was utilized for this procedure specified by the SM 2540D reference method. The following sample was impacted: Sierra Blanca Lagoon (830-5005-1).

Method SM5210B_BODCalc: The method blank result associated with batch 830-1767 was higher than the method-required limit of 0.2 mg/L.

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

Biology
Method 9223B_ClQT18_8H: The following sample was received at the analyzing laboratory outside of holding time, because it was shipped overnight from the receiving lab: Sierra Blanca Lagoon (830-5005-1).

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

Client Sample Results

Client: Hudspeth County WCID #1
Project/Site: Sierra Blanca Lagoon

Job ID: 830-5005-1
SDG: Sierra Blanca

Client Sample ID: Sierra Blanca Lagoon

Lab Sample ID: 830-5005-1

Date Collected: 02/28/24 08:45

Matrix: Water

Date Received: 02/28/24 11:42

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (SM 2540D)	38.3		11.4	11.4	mg/L			02/29/24 13:02	1
Biochemical Oxygen Demand (SM5210B)	35.8	b	30.0	30.0	mg/L			02/29/24 09:46	1

Method: SM 9223B - Coliforms, Total, and E.Coll (Colilert - Quanti Tray)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Coliform, Total	>2400	H	1.0	1.0	MPN/100mL			02/29/24 15:33	1
Escherichia coli	51	H	1.0	1.0	MPN/100mL			02/29/24 15:33	1

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

Lab Sample ID: MB 830-1768/1
Matrix: Water
Analysis Batch: 1768

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<4.00	U	4.00	4.00	mg/L			02/29/24 13:02	1

Lab Sample ID: LCS 830-1768/2
Matrix: Water
Analysis Batch: 1768

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	100	104.0		mg/L		104	80 - 120

Lab Sample ID: LCSD 830-1768/3
Matrix: Water
Analysis Batch: 1768

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
Total Suspended Solids	100	105.0		mg/L		105	80 - 120	1	10

Method: SM5210B - BOD, 5 Day

Lab Sample ID: SCB 830-1767/2
Matrix: Water
Analysis Batch: 1767

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

Analyte	SCB Result	SCB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	<2.00	U	2.00	2.00	mg/L			02/29/24 09:46	1

Lab Sample ID: USB 830-1767/1
Matrix: Water
Analysis Batch: 1767

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

Analyte	USB Result	USB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	<2.00	U	2.00	2.00	mg/L			02/29/24 09:46	1

Lab Sample ID: LCS 830-1767/3
Matrix: Water
Analysis Batch: 1767

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Biochemical Oxygen Demand	198	205.7		mg/L		104	85 - 115

QC Association Summary

Client: Hudspeth County WCID #1
Project/Site: Sierra Blanca Lagoon

Job ID: 830-5005-1
SDG: Sierra Blanca

General Chemistry

Analysis Batch: 1767

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-5005-1	Sierra Blanca Lagoon	Total/NA	Water	SM5210B	
SCB 830-1767/2	Method Blank	Total/NA	Water	SM5210B	
USB 830-1767/1	Method Blank	Total/NA	Water	SM5210B	
LCS 830-1767/3	Lab Control Sample	Total/NA	Water	SM5210B	

Analysis Batch: 1768

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-5005-1	Sierra Blanca Lagoon	Total/NA	Water	SM 2540D	
MB 830-1768/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 830-1768/2	Lab Control Sample	Total/NA	Water	SM 2540D	
LCSD 830-1768/3	Lab Control Sample Dup	Total/NA	Water	SM 2540D	

Biology

Analysis Batch: 2427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-5005-1	Sierra Blanca Lagoon	Total/NA	Water	9223B	

Lab Chronicle

Client: Hudspeth County WCID #1
Project/Site: Sierra Blanca Lagoon

Job ID: 830-5005-1
SDG: Sierra Blanca

Client Sample ID: Sierra Blanca Lagoon

Date Collected: 02/28/24 08:45
Date Received: 02/28/24 11:42

Lab Sample ID: 830-5005-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	350 mL	1000 mL	1768	02/29/24 13:02	MG	EET EP
Total/NA	Analysis	SM5210B		1	20 mL	300 mL	1767	02/29/24 09:46	MG	EET EP
Total/NA	Analysis	9223B		1	100 mL	100 mL	2427	02/29/24 15:33	LT	EET LUB

Laboratory References:

EET EP = Eurofins El Paso, 200 East Sunset Rd., Suite E, El Paso, TX 79922, TEL (915)585-3443

EET LUB = Eurofins Lubbock, 6701 Aberdeen Ave., Suite 8, Lubbock, TX 79424, TEL (806)794-1296

Accreditation/Certification Summary

Client: Hudspeth County WCID #1
Project/Site: Sierra Blanca Lagoon

Job ID: 830-5005-1
SDG: Sierra Blanca

Laboratory: Eurofins El Paso

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704221-23-21	04-30-24

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
SM 2540D		Water	Total Suspended Solids

Laboratory: Eurofins Lubbock

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704219-23-30	03-31-24

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
9223B		Water	Coliform, Total

Method Summary

Client: Hudspeth County WCID #1
Project/Site: Sierra Blanca Lagoon

Job ID: 830-5005-1
SDG: Sierra Blanca

Method	Method Description	Protocol	Laboratory
SM 2540D	Solids, Total Suspended (TSS)	SM	EET EP
SM5210B	BOD, 5 Day	SM	EET EP
9223B	Coliforms, Total, and E.Coll (Colilert - Quanti Tray)	SM	EET LUB

Protocol References:

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

Laboratory References:

EET EP = Eurofins El Paso, 200 East Sunset Rd., Suite E, El Paso, TX 79922, TEL (915)585-3443

EET LUB = Eurofins Lubbock, 6701 Aberdeen Ave., Suite 8, Lubbock, TX 79424, TEL (806)794-1296

Sample Summary

Client: Hudspeth County WCID #1
Project/Site: Sierra Blanca Lagoon

Job ID: 830-5005-1
SDG: Sierra Blanca

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
830-5005-1	Sierra Blanca Lagoon	Water	02/28/24 08:45	02/28/24 11:42

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

830-5005 Chain of Custody

Loc: 830
5005

3/6/2024

www.xenco.com Page _____ of _____

Project Manager:	Macario Marquez Jr	Bill to: (if different)	
Company Name:	Hudspeth County WCID #1	Company Name:	
Address:	PO Box 188	Address:	
City, State ZIP:	Sierra Blanca, TX 79851	City, State ZIP:	
Phone:	915-369-2221	Email:	macio@valornet.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Sierra Blanca Lagoon	Turn Around	
Project Number:	022824	☐ Routine ☐ Rush	
Project Location:	Sierra Blanca	Due Date:	
Sampler's Name:	Macario Marquez Jr	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
Samples Received Intact:	(Yes) No	Thermometer ID:	IR-2	
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-.2	
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	8.4	
Total Containers:		Corrected Temperature:	8.2	

Preservative Codes

None: NO | DI Water: H_2O
Cool: Cool | MeOH: Me
HCL: HC | HNO_3: HN
H_2SO_4: H_2 | NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: NaSO$_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: BOD	TSS	E. Coli	Sample Comments
Sierra Blanca Lagoon	W	02/28/24	8:45	-	Grab	3		/	/	/	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	2/28/24	2/28/24 11:42	2 2/28/24 11:42		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

Eurofins El Paso
200 East Sunset Rd. Suite E
El Paso, TX 79922
Phone: 915-585-3443

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler:	Lab PM: Richter, Travis W	Carrier Tracking No(s):	COC No: 830-2106.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Travis.Richter@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 830-5005-1
Address: 6701 Aberdeen Ave., Suite 8,	Due Date Requested: 3/6/2024			
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424				
Phone: 806-794-1296(Tel)	PO #:			
Email:	WO #:			
Project Name: Sierra Blanca Lagoon	Project #: 83000039			
Site:	SSOW#:			

Analysis Requested

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

Sample Identification - 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)	9223B_CIQT18_8H	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
Sierra Blanca Lagoon (830-5005-1)	2/28/24	08:45 Mountain		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	Christian Rey-Tupiy	2/28/24 15:00			2/29/24 1000	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 1.1 10.7

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: Hudspeth County WCID #1

Job Number: 830-5005-1
SDG Number: Sierra Blanca

Login Number: 5005
List Number: 1
Creator: Rios-Lumpkins, Christina

List Source: Eurofins El Paso

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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: Hudspeth County WCID #1

Job Number: 830-5005-1
SDG Number: Sierra Blanca

Login Number: 5005
List Number: 2
Creator: Triplett, Colby

List Source: Eurofins Lubbock
List Creation: 02/29/24 11:59 AM

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

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

ANALYTICAL REPORT

PREPARED FOR

Attn: Macario Marquez
Hudspeth County WCID #1
PO BOX 188
Sierra Blanca, Texas 79851

Generated 5/7/2025 10:04:44 AM

JOB DESCRIPTION

Sierra Blanca Lagoon 04202025
Sierra Blanca,Tx

JOB NUMBER

830-7598-1

Eurofins El Paso
200 East Sunset Rd.
Suite E
El Paso TX 79922

See page two for job notes and contact information.

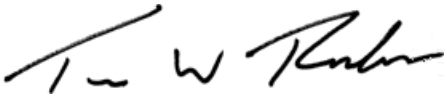
myEOL

Job Notes

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

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

Authorization



Generated
5/7/2025 10:04:44 AM

Authorized for release by
Travis Richter, Project Manager
Travis.Richter@et.eurofinsus.com
(281)794-7216

Table of Contents

Definitions/Glossary

Client: Hudspeth County WCID #1 | Job ID: 830-7598-1
Project/Site: Sierra Blanca Lagoon 04202025 | SDG: Sierra Blanca,Tx

Qualifiers

General Chemistry

Qualifier	Qualifier Description
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Biology

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.

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
830-7598-1

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 4/30/2025 2:42 PM. 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 2.4°C.

General Chemistry
Method 2540D: Due to the nature of the sample matrix, a sample volume less than 1L was utilized for this procedure and specified by the SM 2540D reference method. The following sample was impacted: Sierra Blanca Lagoon (830-7598-1).

Method SM4500_H+: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following sample has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: Sierra Blanca Lagoon (830-7598-1).

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

Biology
Method 9223B_ClQT18_8H: The container for the following sample was not provided by this laboratory: Sierra Blanca Lagoon (830-7598-1);
No documentation is available proving that sterility or other quality control checks were performed.

Method 9223B_ClQT18_8H: The following sample was received at the analyzing lab outside of holding time: Sierra Blanca Lagoon (830-7598-1)

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

Client Sample Results

Client: Hudspeth County WCID #1
Project/Site: Sierra Blanca Lagoon 04202025

Job ID: 830-7598-1
SDG: Sierra Blanca,Tx

Client Sample ID: Sierra Blanca Lagoon

Date Collected: 04/30/25 11:11
Date Received: 04/30/25 14:42

Lab Sample ID: 830-7598-1

Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (1664B)	**1.90**	**J**	5.00	1.57	mg/L			05/06/25 13:14	1
Alkalinity (SM 2320B)	**359**		4.00	4.00	mg/L			05/06/25 19:17	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**359**		4.00	4.00	mg/L			05/06/25 19:17	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	4.00	mg/L			05/06/25 19:17	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			05/06/25 19:17	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			05/06/25 19:17	1
Specific Conductance (SM 2510B)	**1400**		10.0	10.0	umho/cm @ 25C			05/02/25 10:41	1
Total Dissolved Solids (SM 2540C)	**750**		50.0	50.0	mg/L			05/01/25 12:13	1
Total Suspended Solids (SM 2540D)	**25.7**		6.90	6.90	mg/L			05/02/25 09:10	1
pH (SM 4500 H+ B)	**7.1**	**HF**	0.01	0.01	S.U.			05/01/25 09:45	1
Temperature (SM 4500 H+ B)	**22.6**	**HF**	0.01	0.01	Deg. C			05/01/25 09:45	1

Method: SM 9223B - Coliforms, Total, and E.Coli (Colilert - Quanti Tray)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Coliform, Total	**>2400**	**H**	1.0	1.0	MPN/100mL			05/01/25 11:38	1
Escherichia coli	**290**	**H**	1.0	1.0	MPN/100mL			05/01/25 11:38	1

Method: 1664B - HEM and SGT-HEM

Lab Sample ID: MB 860-233943/1
Matrix: Water
Analysis Batch: 233943

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM	<1.57	U	5.00	1.57	mg/L			05/06/25 12:50	1

Lab Sample ID: LCS 860-233943/2
Matrix: Water
Analysis Batch: 233943

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
HEM	40.0	35.80		mg/L		90	78 - 114

Lab Sample ID: LCSD 860-233943/3
Matrix: Water
Analysis Batch: 233943

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
HEM	40.0	35.10		mg/L		88	78 - 114	2	18

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 860-234098/3
Matrix: Water
Analysis Batch: 234098

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			05/06/25 18:37	1
Bicarbonate Alkalinity as CaCO3	<4.00	U	4.00	4.00	mg/L			05/06/25 18:37	1
Carbonate Alkalinity as CaCO3	<4.00	U	4.00	4.00	mg/L			05/06/25 18:37	1
Hydroxide Alkalinity	<4.00	U	4.00	4.00	mg/L			05/06/25 18:37	1
Phenolphthalein Alkalinity	<4.00	U	4.00	4.00	mg/L			05/06/25 18:37	1

Lab Sample ID: LCS 860-234098/4
Matrix: Water
Analysis Batch: 234098

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	250	250.5		mg/L		100	85 - 115

Lab Sample ID: LCSD 860-234098/5
Matrix: Water
Analysis Batch: 234098

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity	250	229.9		mg/L		92	85 - 115	9	20

Method: SM 2510B - Conductivity, Specific Conductance

Lab Sample ID: MB 830-2343/1
Matrix: Water
Analysis Batch: 2343

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Specific Conductance	<10.0	U	10.0	10.0	umho/cm @ 25C			05/02/25 10:41	1

Lab Sample ID: LCS 830-2343/3
Matrix: Water
Analysis Batch: 2343

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Specific Conductance	1410	1416		umho/cm @ 25C		100	90 - 110

Lab Sample ID: LCSD 830-2343/4
Matrix: Water
Analysis Batch: 2343

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
Specific Conductance	1410	1416		umho/cm @ 25C		100	90 - 110	0	10

Lab Sample ID: 830-7598-1 DU
Matrix: Water
Analysis Batch: 2343

Client Sample ID: Sierra Blanca Lagoon
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Specific Conductance	1400		1400		umho/cm @ 25C		0	10

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

Lab Sample ID: MB 830-2340/1
Matrix: Water
Analysis Batch: 2340

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<25.0	U	25.0	25.0	mg/L			05/01/25 12:13	1

Lab Sample ID: LCS 830-2340/2
Matrix: Water
Analysis Batch: 2340

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	1005		mg/L		101	90 - 110

Lab Sample ID: LCSD 830-2340/3
Matrix: Water
Analysis Batch: 2340

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
Total Dissolved Solids	1000	1003		mg/L		100	90 - 110	0	10

QC Sample Results

Client: Hudspeth County WCID #1
Project/Site: Sierra Blanca Lagoon 04202025

Job ID: 830-7598-1
SDG: Sierra Blanca,Tx

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

Lab Sample ID: MB 830-2342/1
Matrix: Water
Analysis Batch: 2342

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<4.00	U	4.00	4.00	mg/L			05/02/25 09:10	1

Lab Sample ID: LCS 830-2342/2
Matrix: Water
Analysis Batch: 2342

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Suspended Solids			100	101.0		mg/L		101	80 - 120		

Lab Sample ID: LCSD 830-2342/3
Matrix: Water
Analysis Batch: 2342

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
Total Suspended Solids			100	103.0		mg/L		103	80 - 120	2	10

QC Association Summary

Client: Hudspeth County WCID #1
Project/Site: Sierra Blanca Lagoon 04202025

Job ID: 830-7598-1
SDG: Sierra Blanca,Tx

General Chemistry

Analysis Batch: 2340

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-7598-1	Sierra Blanca Lagoon	Total/NA	Water	SM 2540C	
MB 830-2340/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 830-2340/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 830-2340/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	

Analysis Batch: 2342

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-7598-1	Sierra Blanca Lagoon	Total/NA	Water	SM 2540D	
MB 830-2342/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 830-2342/2	Lab Control Sample	Total/NA	Water	SM 2540D	
LCSD 830-2342/3	Lab Control Sample Dup	Total/NA	Water	SM 2540D	

Analysis Batch: 2343

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-7598-1	Sierra Blanca Lagoon	Total/NA	Water	SM 2510B	
MB 830-2343/1	Method Blank	Total/NA	Water	SM 2510B	
LCS 830-2343/3	Lab Control Sample	Total/NA	Water	SM 2510B	
LCSD 830-2343/4	Lab Control Sample Dup	Total/NA	Water	SM 2510B	
830-7598-1 DU	Sierra Blanca Lagoon	Total/NA	Water	SM 2510B	

Analysis Batch: 2345

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-7598-1	Sierra Blanca Lagoon	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 233943

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-7598-1	Sierra Blanca Lagoon	Total/NA	Water	1664B	
MB 860-233943/1	Method Blank	Total/NA	Water	1664B	
LCS 860-233943/2	Lab Control Sample	Total/NA	Water	1664B	
LCSD 860-233943/3	Lab Control Sample Dup	Total/NA	Water	1664B	

Analysis Batch: 234098

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-7598-1	Sierra Blanca Lagoon	Total/NA	Water	SM 2320B	
MB 860-234098/3	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-234098/4	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-234098/5	Lab Control Sample Dup	Total/NA	Water	SM 2320B	

Biology

Analysis Batch: 3622

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-7598-1	Sierra Blanca Lagoon	Total/NA	Water	9223B	

Lab Chronicle

Client: Hudspeth County WCID #1
Project/Site: Sierra Blanca Lagoon 04202025

Job ID: 830-7598-1
SDG: Sierra Blanca,Tx

Client Sample ID: Sierra Blanca Lagoon
Date Collected: 04/30/25 11:11
Date Received: 04/30/25 14:42

Lab Sample ID: 830-7598-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	1664B		1	1000 mL	1000 mL	233943	05/06/25 13:14	TB	EET HOU
Total/NA	Analysis	SM 2320B		1			234098	05/06/25 19:17	CT	EET HOU
Total/NA	Analysis	SM 2510B		1			2343	05/02/25 10:41	ST	EET EP
Total/NA	Analysis	SM 2540C		1	100 mL	1000 mL	2340	05/01/25 12:13	ST	EET EP
Total/NA	Analysis	SM 2540D		1	580 mL	1000 mL	2342	05/02/25 09:10	ST	EET EP
Total/NA	Analysis	SM 4500 H+ B		1			2345	05/01/25 09:45	MG	EET EP
Total/NA	Analysis	9223B		1	100 mL	100 mL	3622	05/01/25 11:38	KG	EET LUB

Laboratory References:

EET EP = Eurofins El Paso, 200 East Sunset Rd., Suite E, El Paso, TX 79922, TEL (915)585-3443

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

EET LUB = Eurofins Lubbock, 6701 Aberdeen Ave., Suite 8, Lubbock, TX 79424, TEL (806)794-1296

Accreditation/Certification Summary

Client: Hudspeth County WCID #1
Project/Site: Sierra Blanca Lagoon 04202025

Job ID: 830-7598-1
SDG: Sierra Blanca,Tx

Laboratory: Eurofins El Paso

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704221	04-03-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
SM 2510B		Water	Specific Conductance
SM 2540C		Water	Total Dissolved Solids
SM 2540D		Water	Total Suspended Solids
SM 4500 H+ B		Water	Temperature

Laboratory: Eurofins Houston

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	07-01-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
SM 2320B		Water	Bicarbonate Alkalinity as CaCO3
SM 2320B		Water	Carbonate Alkalinity as CaCO3
SM 2320B		Water	Hydroxide Alkalinity
SM 2320B		Water	Phenolphthalein Alkalinity

Laboratory: Eurofins Lubbock

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704219	03-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
9223B		Water	Coliform, Total

Method Summary

Client: Hudspeth County WCID #1
Project/Site: Sierra Blanca Lagoon 04202025

Job ID: 830-7598-1
SDG: Sierra Blanca,Tx

Method	Method Description	Protocol	Laboratory
1664B	HEM and SGT-HEM	1664B	EET HOU
SM 2320B	Alkalinity	SM	EET HOU
SM 2510B	Conductivity, Specific Conductance	SM	EET EP
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET EP
SM 2540D	Solids, Total Suspended (TSS)	SM	EET EP
SM 4500 H+ B	pH	SM	EET EP
9223B	Coliforms, Total, and E.Coll (Colilert - Quanti Tray)	SM	EET LUB

Protocol References:

1664B = EPA-821-98-002

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

Laboratory References:

EET EP = Eurofins El Paso, 200 East Sunset Rd., Suite E, El Paso, TX 79922, TEL (915)585-3443

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

EET LUB = Eurofins Lubbock, 6701 Aberdeen Ave., Suite 8, Lubbock, TX 79424, TEL (806)794-1296

Sample Summary

Client: Hudspeth County WCID #1
Project/Site: Sierra Blanca Lagoon 04202025

Job ID: 830-7598-1
SDG: Sierra Blanca,Tx

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
830-7598-1	Sierra Blanca Lagoon	Water	04/30/25 11:11	04/30/25 14:42

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

830-7598 Chain of Custody

Loc: 830 7598

5/7/2025

Project Manager:	Macario Marquez Jr.	Bill to: (if different)	
Company Name:	Hudspeth County UWID #1	Company Name:	
Address:	PO Box 158	Address:	
City, State ZIP:	Sierra Blanca TX 79851	City, State ZIP:	
Phone:	915-369-2221	Email:	

Program: UST/PST ☐ PRP ☐ CERCLA ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Sierra Blanca Lagoon	Turn Around	
Project Number:	04302025	☐ Routine ☐ Rush	
Project Location:	Sierra Blanca TX	Due Date:	
Sampler's Name:	Macario Marquez	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID:	#103
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-1.16
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	2.3
Total Containers:		Corrected Temperature:	2.9

ANALYSIS REQUEST

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	E. Coli	pH	Total Dissolved Solids	Electrical Conductivity	Oil & Grease	Alkalinity	TSS	TDS	Total Suspended Solids
Sierra Blanca Lagoon	WW	04/30/25	11:11		Grab			X								
	WW								X							
	WW									X						
	WW										X					
	WW											X				
	WW												X			
	WW													X		
	WW														X	
	WW															X

Preservative Codes

None: NO	DI Water: H_2O
Cool: Cool	MeOH: Me
HCL: HC	HNO_3
H_2SO_4: H_2	NaOH: Na
H_3PO_4: HP	
$NaHSO_4$: NABIS	
$Na_2S_2O_3$: $NaSO_3$	
Zn Acetate+NaOH: Zn	
NaOH+Ascorbic Acid: SAPC	

Sample Comments

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		4/30/25 14:42	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

Eurofins El Paso
200 East Sunset Rd. Suite E
El Paso, TX 79922
Phone: 915-585-3443

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Richter, Travis W	Carrier Tracking No(s): N/A	COC No: 830-4019.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Travis.Richter@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 830-7598-1
Address: 6701 Aberdeen Ave., Suite 8,	Due Date Requested: 5/6/2025			Preservation Codes: -
City: Lubbock	TAT Requested (days): N/A			
State, Zip: TX, 79424				
Phone: 806-794-1296(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Sierra Blanca Lagoon 04202025	Project #: 83000039			
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)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9223B_CIQT18_8H	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
Sierra Blanca Lagoon (830-7598-1)	4/30/25	11:11 Mountain	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: 4/31/25 8:00	Company	Received by:	Date/Time: 5/1/25 10:10	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.6 | 3.9

Ver: 10/10/2024

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5/7/2025

Login Sample Receipt Checklist

Client: Hudspeth County WCID #1

Job Number: 830-7598-1
SDG Number: Sierra Blanca,Tx

Login Number: 7598
List Number: 1
Creator: Rios-Lumpkins, Christina

List Source: Eurofins El Paso

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").	N/A	

Login Sample Receipt Checklist

Client: Hudspeth County WCID #1

Job Number: 830-7598-1
SDG Number: Sierra Blanca,Tx

Login Number: 7598
List Number: 3
Creator: Torrez, Lisandra

List Source: Eurofins Houston
List Creation: 05/01/25 11:57 AM

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

Login Sample Receipt Checklist

Client: Hudspeth County WCID #1

Job Number: 830-7598-1
SDG Number: Sierra Blanca,Tx

Login Number: 7598
List Number: 2
Creator: Guillen, Kyrstin

List Source: Eurofins Lubbock
List Creation: 05/01/25 11:20 AM

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Macario Marquez
Hudspeth County WCID #1
PO BOX 188
Sierra Blanca, Texas 79851

Generated 5/12/2025 2:53:44 PM

JOB DESCRIPTION

Sierra Blanca Lagoon 04302025
Sierra Blanca,Tx

JOB NUMBER

830-7597-1

Eurofins El Paso
200 East Sunset Rd.
Suite E
El Paso TX 79922

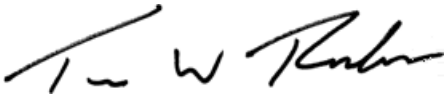
See page two for job notes and contact information.

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.

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

Authorization



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Authorized for release by
Travis Richter, Project Manager
Travis.Richter@et.eurofinsus.com
(281)794-7216

Table of Contents

Definitions/Glossary

Client: Hudspeth County WCID #1 Job ID: 830-7597-1
Project/Site: Sierra Blanca Lagoon 04302025 SDG: Sierra Blanca,Tx

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
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: 830-7597-1 Eurofins El Paso

Job Narrative
830-7597-1

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 4/30/2025 2:42 PM. 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 2.4°C.

HPLC/IC
Method 300_ORGFMS: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-232852 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

General Chemistry
Method 2540D: Due to the nature of the sample matrix, a sample volume less than 1L was utilized for this procedure and specified by the SM 2540D reference method. The following sample was impacted: Sierra Blanca Lagoon Water (830-7597-1).

Method SM4500_H+: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following sample has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: Sierra Blanca Lagoon Water (830-7597-1).

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

Client Sample Results

Client: Hudspeth County WCID #1
Project/Site: Sierra Blanca Lagoon 04302025

Job ID: 830-7597-1
SDG: Sierra Blanca,Tx

Client Sample ID: Sierra Blanca Lagoon Water

Date Collected: 04/30/25 10:45
Date Received: 04/30/25 14:42

Lab Sample ID: 830-7597-1

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**94.7**		0.500	0.250	mg/L			05/01/25 15:18	1
Nitrate as N	<0.0391	U F1	0.100	0.0391	mg/L			05/01/25 15:18	1
Nitrite as N	<0.0699	U F1	0.100	0.0699	mg/L			05/01/25 15:18	1
Sulfate	**122**		0.500	0.200	mg/L			05/01/25 15:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (EPA 350.1)	**19.4**		1.00	0.508	mg/L			05/10/25 20:18	10
Nitrogen, Kjeldahl (EPA 351.2)	**26.8**		2.00	0.890	mg/L		05/08/25 18:15	05/09/25 15:06	10
Oxygen, Dissolved (EPA 360.1)	**6.41**	**HF**	1.00	1.00	mg/L			05/07/25 11:33	1
Phosphorus Total (EPA 365.1)	**5.69**		0.200	0.143	mg/L			05/08/25 01:14	10
Phosphorus Pentoxide (EPA 365.1)	**13.0**		0.458	0.329	mg/L			05/08/25 01:14	10
Total Dissolved Solids (SM 2540C)	**753**		50.0	50.0	mg/L			05/01/25 12:13	1
Total Suspended Solids (SM 2540D)	**30.4**		16.0	16.0	mg/L			05/02/25 09:10	1
Chlorine, Total Residual (SM 4500 Cl G)	<0.0500	U HF	0.0500	0.0500	mg/L			05/06/25 12:26	1
pH (SM 4500 H+ B)	**7.9**	**HF**	0.01	0.01	S.U.			05/01/25 09:33	1
Temperature (SM 4500 H+ B)	**20.1**	**HF**	0.01	0.01	Deg. C			05/01/25 09:33	1
CBOD, Carbonaceous Biochemical Oxygen Demand (SM5210B CBOD)	<20.0	U	20.0	20.0	mg/L			05/01/25 08:23	1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-232851/3
Matrix: Water
Analysis Batch: 232851

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			05/01/25 11:00	1
Sulfate	<0.200	U	0.500	0.200	mg/L			05/01/25 11:00	1

Lab Sample ID: LCS 860-232851/4
Matrix: Water
Analysis Batch: 232851

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.974		mg/L		100	90 - 110
Sulfate	10.0	10.04		mg/L		100	90 - 110

Lab Sample ID: LCSD 860-232851/5
Matrix: Water
Analysis Batch: 232851

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.852		mg/L		99	90 - 110	1	20
Sulfate	10.0	10.04		mg/L		100	90 - 110	0	20

Lab Sample ID: LLCS 860-232851/7
Matrix: Water
Analysis Batch: 232851

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.6125		mg/L		122	50 - 150
Sulfate	0.500	0.6966		mg/L		139	50 - 150

Lab Sample ID: 830-7597-1 MS
Matrix: Water
Analysis Batch: 232851

Client Sample ID: Sierra Blanca Lagoon Water
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	94.7		10.0	103.9	4	mg/L		92	90 - 110
Sulfate	122		10.0	131.5	4	mg/L		91	90 - 110

Lab Sample ID: 830-7597-1 MSD
Matrix: Water
Analysis Batch: 232851

Client Sample ID: Sierra Blanca Lagoon Water
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	94.7		10.0	103.9	4	mg/L		92	90 - 110	0	15
Sulfate	122		10.0	131.5	4	mg/L		91	90 - 110	0	15

Lab Sample ID: MB 860-232852/3
Matrix: Water
Analysis Batch: 232852

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	<0.0391	U	0.100	0.0391	mg/L			05/01/25 11:00	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			05/01/25 11:00	1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 860-232852/4
Matrix: Water
Analysis Batch: 232852

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	10.0	10.76		mg/L		108	90 - 110
Nitrite as N	10.0	10.11		mg/L		101	90 - 110

Lab Sample ID: LCSD 860-232852/5
Matrix: Water
Analysis Batch: 232852

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	10.0	10.74		mg/L		107	90 - 110	0	20
Nitrite as N	10.0	10.14		mg/L		101	90 - 110	0	20

Lab Sample ID: LLCS 860-232852/6
Matrix: Water
Analysis Batch: 232852

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	0.100	0.1025		mg/L		102	50 - 150
Nitrite as N	0.100	0.1053		mg/L		105	50 - 150

Lab Sample ID: 830-7597-1 MS
Matrix: Water
Analysis Batch: 232852

Client Sample ID: Sierra Blanca Lagoon Water
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	<0.0391	U F1	10.0	11.20	F1	mg/L		112	90 - 110
Nitrite as N	<0.0699	U F1	2.50	2.985	F1	mg/L		119	90 - 110

Lab Sample ID: 830-7597-1 MSD
Matrix: Water
Analysis Batch: 232852

Client Sample ID: Sierra Blanca Lagoon Water
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	<0.0391	U F1	10.0	11.24	F1	mg/L		112	90 - 110	0	15
Nitrite as N	<0.0699	U F1	2.50	3.013	F1	mg/L		121	90 - 110	1	15

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MB 860-235145/16
Matrix: Water
Analysis Batch: 235145

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	<0.0508	U	0.100	0.0508	mg/L			05/10/25 19:51	1

Lab Sample ID: LCS 860-235145/44
Matrix: Water
Analysis Batch: 235145

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia	1.00	0.9202		mg/L		92	90 - 110

Method: 350.1 - Nitrogen, Ammonia (Continued)

Lab Sample ID: LCSD 860-235145/45
Matrix: Water
Analysis Batch: 235145

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ammonia	1.00	0.9516		mg/L		95	90 - 110	3	20

Lab Sample ID: LLCS 860-235145/19
Matrix: Water
Analysis Batch: 235145

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia	0.100	0.09290	J	mg/L		93	50 - 150

Method: 351.2 - Nitrogen, Total Kjeldahl

Lab Sample ID: MB 860-234609/4-A
Matrix: Water
Analysis Batch: 234899

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 234609

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Kjeldahl	<0.0890	U	0.200	0.0890	mg/L		05/08/25 18:15	05/09/25 14:34	1

Lab Sample ID: LCS 860-234609/6-A
Matrix: Water
Analysis Batch: 234899

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 234609

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Kjeldahl	2.00	1.978		mg/L		99	90 - 110

Lab Sample ID: LCSD 860-234609/7-A
Matrix: Water
Analysis Batch: 234899

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 234609

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrogen, Kjeldahl	2.00	1.976		mg/L		99	90 - 110	0	20

Lab Sample ID: LLCS 860-234609/5-A
Matrix: Water
Analysis Batch: 234899

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 234609

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Kjeldahl	0.200	0.1658	J	mg/L		83	50 - 150

Method: 365.1 - Phosphorus, Total

Lab Sample ID: MB 860-233534/57
Matrix: Water
Analysis Batch: 233534

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phosphorus Total	<0.0143	U	0.0200	0.0143	mg/L			05/02/25 22:06	1
Phosphorus Pentoxide	<0.0329	U	0.0458	0.0329	mg/L			05/02/25 22:06	1

Method: 365.1 - Phosphorus, Total (Continued)

Lab Sample ID: LCS 860-233534/58
Matrix: Water
Analysis Batch: 233534

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phosphorus Total	0.250	0.2270		mg/L		91	90 - 110
Total Phosphorus as PO4	0.766	0.6960		mg/L		91	90 - 110

Lab Sample ID: LCSD 860-233534/59
Matrix: Water
Analysis Batch: 233534

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phosphorus Total	0.250	0.2260		mg/L		90	90 - 110	0	20
Total Phosphorus as PO4	0.766	0.6929		mg/L		90	90 - 110	0	20

Lab Sample ID: MB 860-234459/31
Matrix: Water
Analysis Batch: 234459

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phosphorus Total	<0.0143	U	0.0200	0.0143	mg/L			05/07/25 23:08	1
Phosphorus Pentoxide	<0.0329	U	0.0458	0.0329	mg/L			05/07/25 23:08	1

Lab Sample ID: LCS 860-234459/59
Matrix: Water
Analysis Batch: 234459

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phosphorus Total	0.250	0.2620		mg/L		105	90 - 110
Total Phosphorus as PO4	0.766	0.8033		mg/L		105	90 - 110

Lab Sample ID: LCSD 860-234459/60
Matrix: Water
Analysis Batch: 234459

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phosphorus Total	0.250	0.2680		mg/L		107	90 - 110	2	20
Total Phosphorus as PO4	0.766	0.8217		mg/L		107	90 - 110	2	20

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

Lab Sample ID: MB 830-2340/1
Matrix: Water
Analysis Batch: 2340

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<25.0	U	25.0	25.0	mg/L			05/01/25 12:13	1

Lab Sample ID: LCS 830-2340/2
Matrix: Water
Analysis Batch: 2340

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	1005		mg/L		101	90 - 110

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

Lab Sample ID: LCSD 830-2340/3
Matrix: Water
Analysis Batch: 2340

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
Total Dissolved Solids			1000	1003		mg/L		100	90 - 110	0	10

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

Lab Sample ID: MB 830-2342/1
Matrix: Water
Analysis Batch: 2342

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<4.00	U	4.00	4.00	mg/L			05/02/25 09:10	1

Lab Sample ID: LCS 830-2342/2
Matrix: Water
Analysis Batch: 2342

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Suspended Solids			100	101.0		mg/L		101	80 - 120		

Lab Sample ID: LCSD 830-2342/3
Matrix: Water
Analysis Batch: 2342

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
Total Suspended Solids			100	103.0		mg/L		103	80 - 120	2	10

Method: SM 4500 Cl G - Chlorine, Residual

Lab Sample ID: MB 860-233840/3
Matrix: Water
Analysis Batch: 233840

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorine, Total Residual	<0.0500	U	0.0500	0.0500	mg/L			05/06/25 12:24	1

Lab Sample ID: LCS 860-233840/4
Matrix: Water
Analysis Batch: 233840

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chlorine, Total Residual			0.250	0.2585		mg/L		103	85 - 115		

Lab Sample ID: LCSD 860-233840/5
Matrix: Water
Analysis Batch: 233840

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chlorine, Total Residual			0.250	0.2549		mg/L		102	85 - 115	1	20

Method: SM5210B CBOD - Carbonaceous BOD, 5 Day

Lab Sample ID: SCB 830-2348/2
Matrix: Water
Analysis Batch: 2348

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

Analyte	SCB Result	SCB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
CBOD, Carbonaceous Biochemical Oxygen Demand	<2.00	U	2.00	2.00	mg/L			05/01/25 08:23	1

Lab Sample ID: USB 830-2348/1
Matrix: Water
Analysis Batch: 2348

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

Analyte	USB Result	USB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
CBOD, Carbonaceous Biochemical Oxygen Demand	<2.00	U	2.00	2.00	mg/L			05/01/25 08:23	1

Lab Sample ID: LCS 830-2348/3
Matrix: Water
Analysis Batch: 2348

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
CBOD, Carbonaceous Biochemical Oxygen Demand			198	171.1		mg/L		86	85 - 115		

Lab Sample ID: 830-7597-1 DU
Matrix: Water
Analysis Batch: 2348

Client Sample ID: Sierra Blanca Lagoon Water
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
CBOD, Carbonaceous Biochemical Oxygen Demand	<20.0	U		<20.0	U	mg/L				NC	25

HPLC/IC

Analysis Batch: 232851

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-7597-1	Sierra Blanca Lagoon Water	Total/NA	Water	300.0	
MB 860-232851/3	Method Blank	Total/NA	Water	300.0	
LCS 860-232851/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-232851/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-232851/7	Lab Control Sample	Total/NA	Water	300.0	
830-7597-1 MS	Sierra Blanca Lagoon Water	Total/NA	Water	300.0	
830-7597-1 MSD	Sierra Blanca Lagoon Water	Total/NA	Water	300.0	

Analysis Batch: 232852

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-7597-1	Sierra Blanca Lagoon Water	Total/NA	Water	300.0	
MB 860-232852/3	Method Blank	Total/NA	Water	300.0	
LCS 860-232852/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-232852/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-232852/6	Lab Control Sample	Total/NA	Water	300.0	
830-7597-1 MS	Sierra Blanca Lagoon Water	Total/NA	Water	300.0	
830-7597-1 MSD	Sierra Blanca Lagoon Water	Total/NA	Water	300.0	

General Chemistry

Analysis Batch: 2340

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-7597-1	Sierra Blanca Lagoon Water	Total/NA	Water	SM 2540C	
MB 830-2340/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 830-2340/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 830-2340/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	

Analysis Batch: 2342

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-7597-1	Sierra Blanca Lagoon Water	Total/NA	Water	SM 2540D	
MB 830-2342/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 830-2342/2	Lab Control Sample	Total/NA	Water	SM 2540D	
LCSD 830-2342/3	Lab Control Sample Dup	Total/NA	Water	SM 2540D	

Analysis Batch: 2345

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-7597-1	Sierra Blanca Lagoon Water	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 2348

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-7597-1	Sierra Blanca Lagoon Water	Total/NA	Water	SM5210B CBOD	
SCB 830-2348/2	Method Blank	Total/NA	Water	SM5210B CBOD	
USB 830-2348/1	Method Blank	Total/NA	Water	SM5210B CBOD	
LCS 830-2348/3	Lab Control Sample	Total/NA	Water	SM5210B CBOD	
830-7597-1 DU	Sierra Blanca Lagoon Water	Total/NA	Water	SM5210B CBOD	

Analysis Batch: 233534

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-233534/57	Method Blank	Total/NA	Water	365.1	
LCS 860-233534/58	Lab Control Sample	Total/NA	Water	365.1	
LCSD 860-233534/59	Lab Control Sample Dup	Total/NA	Water	365.1	

QC Association Summary

Client: Hudspeth County WCID #1
Project/Site: Sierra Blanca Lagoon 04302025

Job ID: 830-7597-1
SDG: Sierra Blanca,Tx

General Chemistry

Analysis Batch: 233840

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-7597-1	Sierra Blanca Lagoon Water	Total/NA	Water	SM 4500 Cl G	
MB 860-233840/3	Method Blank	Total/NA	Water	SM 4500 Cl G	
LCS 860-233840/4	Lab Control Sample	Total/NA	Water	SM 4500 Cl G	
LCSD 860-233840/5	Lab Control Sample Dup	Total/NA	Water	SM 4500 Cl G	

Analysis Batch: 234128

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-7597-1	Sierra Blanca Lagoon Water	Total/NA	Water	360.1	

Analysis Batch: 234459

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-7597-1	Sierra Blanca Lagoon Water	Total/NA	Water	365.1	
MB 860-234459/31	Method Blank	Total/NA	Water	365.1	
LCS 860-234459/59	Lab Control Sample	Total/NA	Water	365.1	
LCSD 860-234459/60	Lab Control Sample Dup	Total/NA	Water	365.1	

Prep Batch: 234609

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-7597-1	Sierra Blanca Lagoon Water	Total/NA	Water	351.2	
MB 860-234609/4-A	Method Blank	Total/NA	Water	351.2	
LCS 860-234609/6-A	Lab Control Sample	Total/NA	Water	351.2	
LCSD 860-234609/7-A	Lab Control Sample Dup	Total/NA	Water	351.2	
LLCS 860-234609/5-A	Lab Control Sample	Total/NA	Water	351.2	

Analysis Batch: 234899

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-7597-1	Sierra Blanca Lagoon Water	Total/NA	Water	351.2	234609
MB 860-234609/4-A	Method Blank	Total/NA	Water	351.2	234609
LCS 860-234609/6-A	Lab Control Sample	Total/NA	Water	351.2	234609
LCSD 860-234609/7-A	Lab Control Sample Dup	Total/NA	Water	351.2	234609
LLCS 860-234609/5-A	Lab Control Sample	Total/NA	Water	351.2	234609

Analysis Batch: 235145

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-7597-1	Sierra Blanca Lagoon Water	Total/NA	Water	350.1	
MB 860-235145/16	Method Blank	Total/NA	Water	350.1	
LCS 860-235145/44	Lab Control Sample	Total/NA	Water	350.1	
LCSD 860-235145/45	Lab Control Sample Dup	Total/NA	Water	350.1	
LLCS 860-235145/19	Lab Control Sample	Total/NA	Water	350.1	

Lab Chronicle

Client: Hudspeth County WCID #1
Project/Site: Sierra Blanca Lagoon 04302025

Job ID: 830-7597-1
SDG: Sierra Blanca,Tx

Client Sample ID: Sierra Blanca Lagoon Water

Date Collected: 04/30/25 10:45
Date Received: 04/30/25 14:42

Lab Sample ID: 830-7597-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			232851	05/01/25 15:18	WP	EET HOU
Total/NA	Analysis	300.0		1			232852	05/01/25 15:18	WP	EET HOU
Total/NA	Analysis	350.1		10	10 mL	10 mL	235145	05/10/25 20:18	BW	EET HOU
Total/NA	Prep	351.2			20 mL	20 mL	234609	05/08/25 18:15	ALL	EET HOU
Total/NA	Analysis	351.2		10			234899	05/09/25 15:06	ALL	EET HOU
Total/NA	Analysis	360.1		1			234128	05/07/25 11:33	MR	EET HOU
Total/NA	Analysis	365.1		10	10 mL	10 mL	234459	05/08/25 01:14	BW	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	1000 mL	2340	05/01/25 12:13	ST	EET EP
Total/NA	Analysis	SM 2540D		1	250 mL	1000 mL	2342	05/02/25 09:10	ST	EET EP
Total/NA	Analysis	SM 4500 Cl G		1	10 mL	10 mL	233840	05/06/25 12:26	SCI	EET HOU
Total/NA	Analysis	SM 4500 H+ B		1			2345	05/01/25 09:33	MG	EET EP
Total/NA	Analysis	SM5210B CBOD		1	30 mL	300 mL	2348	05/01/25 08:23	MG	EET EP

Laboratory References:

EET EP = Eurofins El Paso, 200 East Sunset Rd., Suite E, El Paso, TX 79922, TEL (915)585-3443

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

Accreditation/Certification Summary

Client: Hudspeth County WCID #1
Project/Site: Sierra Blanca Lagoon 04302025

Job ID: 830-7597-1
SDG: Sierra Blanca,Tx

Laboratory: Eurofins El Paso

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704221	04-03-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
SM 2540C		Water	Total Dissolved Solids
SM 2540D		Water	Total Suspended Solids
SM 4500 H+ B		Water	Temperature

Laboratory: Eurofins Houston

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	07-01-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
365.1		Water	Phosphorus Pentoxide

Method Summary

Client: Hudspeth County WCID #1
Project/Site: Sierra Blanca Lagoon 04302025

Job ID: 830-7597-1
SDG: Sierra Blanca,Tx

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET HOU
350.1	Nitrogen, Ammonia	EPA	EET HOU
351.2	Nitrogen, Total Kjeldahl	EPA	EET HOU
360.1	Oxygen, Dissolved	EPA	EET HOU
365.1	Phosphorus, Total	EPA	EET HOU
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET EP
SM 2540D	Solids, Total Suspended (TSS)	SM	EET EP
SM 4500 Cl G	Chlorine, Residual	SM	EET HOU
SM 4500 H+ B	pH	SM	EET EP
SM5210B CBOD	Carbonaceous BOD, 5 Day	SM	EET EP
351.2	Nitrogen, Total Kjeldahl	EPA	EET HOU

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

EET EP = Eurofins El Paso, 200 East Sunset Rd., Suite E, El Paso, TX 79922, TEL (915)585-3443

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

Sample Summary

Client: Hudspeth County WCID #1
Project/Site: Sierra Blanca Lagoon 04302025

Job ID: 830-7597-1
SDG: Sierra Blanca,Tx

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
830-7597-1	Sierra Blanca Lagoon Water	Water	04/30/25 10:45	04/30/25 14:42

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Loc: 830
7597

830-7597 Chain of Custody

5/12/2025

Project Manager:	Macario Marquez Jr.	Bill to: (if different)	
Company Name:	Hudspeth County WCID #1	Company Name:	
Address:	P.O. Box 158	Address:	
City, State ZIP:	Sierra Blanca, TX 79851	City, State ZIP:	
Phone:	915-369-2224	Email:	

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Sierra Blanca Lagoon	Turn Around	
Project Number:	04302025	☐ Routine ☒ Rush	
Project Location:	Sierra Blanca TX	Due Date:	
Sampler's Name:	Macario Marquez	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No	Thermometer ID:	#13
Cooler Custody Seals:	Yes No N/A	Correction Factor:	+1.70
Sample Custody Seals:	Yes No N/A	Temperature Reading:	2.3
Total Containers:		Corrected Temperature:	2.4

ANALYSIS REQUEST

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	CBOD	TSS	Ammonia Nitrogen	Nitrate Nitrogen	Total Kjeldahl Nitrogen	Sulfate Chloride	Total Phosphorus	pH	Dissolved Oxygen	Chlorine Residual	TDS
Sierra Blanca Lagoon	WW	04/30/25	12:45		Grab	1		X										
	WW					2			X									
	WW			H_2SO_4		3				X								
	WW					4					X							
	WW			H_2SO_4		5						X						
	WW					6							X					
	WW			H_2SO_4		7								X				
	WW					8									X			
	WW					9										X		
	WW					10											X	

Preservative Codes

None: NO	DI Water: H_2O
Cool: Cool	MeOH: Me
HCL: HC	HNO_3
H_2S0_4: H_2	NaOH: Na
H_3PO_4: HP	
$NaHSO_4$: NABIS	
$Na_2S_2O_3$: $NaSO_3$	
Zn Acetate+NaOH: Zn	
NaOH+Ascorbic Acid: SAPC	

Sample Comments

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		4/30/25 4:42			
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

Login Sample Receipt Checklist

Client: Hudspeth County WCID #1

Job Number: 830-7597-1
SDG Number: Sierra Blanca,Tx

Login Number: 7597
List Number: 1
Creator: Rios-Lumpkins, Christina

List Source: Eurofins El Paso

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").	N/A	

Login Sample Receipt Checklist

Client: Hudspeth County WCID #1

Job Number: 830-7597-1
SDG Number: Sierra Blanca,Tx

Login Number: 7597
List Number: 2
Creator: Torrez, Lisandra

List Source: Eurofins Houston
List Creation: 05/01/25 11:59 AM

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

Login Sample Receipt Checklist

Client: Hudspeth County WCID #1

Job Number: 830-7597-1
SDG Number: Sierra Blanca,Tx

Login Number: 7597
List Number: 2
Creator: Torrez, Lisandra

List Source: Eurofins Houston
List Creation: 05/01/25 11:59 AM

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

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

ANALYTICAL REPORT

PREPARED FOR

Attn: Macario Marquez
Hudspeth County WCID #1
PO BOX 188
Sierra Blanca, Texas 79851

Generated 5/16/2025 8:32:15 AM

JOB DESCRIPTION

Sierra Blanca Lagoon 05072025
Sieraa Blanca,Tx

JOB NUMBER

830-7651-1

Eurofins El Paso
200 East Sunset Rd.
Suite E
El Paso TX 79922

See page two for job notes and contact information.

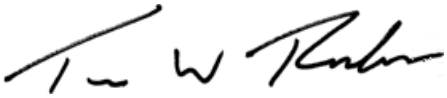
myEOL

Job Notes

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

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

Authorization



Generated
5/16/2025 8:32:15 AM

Authorized for release by
Travis Richter, Project Manager
Travis.Richter@et.eurofinsus.com
(281)794-7216

Table of Contents

Definitions/Glossary

Client: Hudspeth County WCID #1 | Job ID: 830-7651-1
Project/Site: Sierra Blanca Lagoon 05072025 | SDG: Sieraa Blanca,Tx

Qualifiers

General Chemistry

Qualifier	Qualifier Description
b	Result Detected in the Unseeded Control blank (USB).
U	Indicates the analyte was analyzed for but not detected.

Biology

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.

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
830-7651-1

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

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

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

Receipt
The sample was received on 5/7/2025 12:55 PM. 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 6.0°C.

General Chemistry
Method 2540D: Due to the nature of the sample matrix, a sample volume less than 1L was utilized for this procedure and specified by the SM 2540D reference method. The following sample was impacted: Sierra Blanca Lagoon (830-7651-1).

Method SM5210B_BODCalc: The method blank result associated with batch was higher than the method-required limit of 0.2 mg/L. The method holding time had expired, therefore the analysis was not repeated; however, the LCS, the Seeded Control Blank and sample duplicate recoveries are within control limits. The method requirement is for the average recovery of the LCS replicates to meet criteria; therefore, no further action is required. Data has been flagged to indicate method blank recovery that did not meet criteria.

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

Biology
Method 9223B_ClQT18_8H: The container for the following sample was not provided by this laboratory: Sierra Blanca Lagoon (830-7651-1);
No documentation is available proving that sterility or other quality control checks were performed.

Method 9223B_ClQT18_8H: The following sample was received at the analyzing lab outside of holding time: Sierra Blanca Lagoon (830-7651-1)

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

Client Sample Results

Client: Hudspeth County WCID #1
Project/Site: Sierra Blanca Lagoon 05072025

Job ID: 830-7651-1
SDG: Sieraa Blanca,Tx

Client Sample ID: Sierra Blanca Lagoon

Date Collected: 05/07/25 09:30
Date Received: 05/07/25 12:55

Lab Sample ID: 830-7651-1

Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (SM 2540D)	36.4		28.6	28.6	mg/L			05/09/25 09:12	1
Biochemical Oxygen Demand (SM5210B)	31.9	b	20.0	20.0	mg/L			05/08/25 10:52	1

Method: SM 9223B - Coliforms, Total, and E.Coll (Colilert - Quanti Tray)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Coliform, Total	>2400	H	1.0	1.0	MPN/100mL			05/08/25 13:00	1
Escherichia coli	37	H	1.0	1.0	MPN/100mL			05/08/25 13:00	1

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

Lab Sample ID: MB 830-2352/1
Matrix: Water
Analysis Batch: 2352

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<4.00	U	4.00	4.00	mg/L			05/09/25 09:12	1

Lab Sample ID: LCS 830-2352/2
Matrix: Water
Analysis Batch: 2352

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	100	104.0		mg/L		104	80 - 120

Lab Sample ID: LCSD 830-2352/3
Matrix: Water
Analysis Batch: 2352

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
Total Suspended Solids	100	105.0		mg/L		105	80 - 120	1	10

Method: SM5210B - BOD, 5 Day

Lab Sample ID: SCB 830-2350/2
Matrix: Water
Analysis Batch: 2350

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

Analyte	SCB Result	SCB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	<2.00	U	2.00	2.00	mg/L			05/08/25 08:00	1

Lab Sample ID: USB 830-2350/1
Matrix: Water
Analysis Batch: 2350

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

Analyte	USB Result	USB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	<2.00	U	2.00	2.00	mg/L			05/08/25 08:00	1

Lab Sample ID: LCS 830-2350/3
Matrix: Water
Analysis Batch: 2350

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Biochemical Oxygen Demand	198	209.3		mg/L		106	85 - 115

QC Association Summary

Client: Hudspeth County WCID #1
Project/Site: Sierra Blanca Lagoon 05072025

Job ID: 830-7651-1
SDG: Sieraa Blanca,Tx

General Chemistry

Analysis Batch: 2350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-7651-1	Sierra Blanca Lagoon	Total/NA	Water	SM5210B	
SCB 830-2350/2	Method Blank	Total/NA	Water	SM5210B	
USB 830-2350/1	Method Blank	Total/NA	Water	SM5210B	
LCS 830-2350/3	Lab Control Sample	Total/NA	Water	SM5210B	

Analysis Batch: 2352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-7651-1	Sierra Blanca Lagoon	Total/NA	Water	SM 2540D	
MB 830-2352/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 830-2352/2	Lab Control Sample	Total/NA	Water	SM 2540D	
LCSD 830-2352/3	Lab Control Sample Dup	Total/NA	Water	SM 2540D	

Biology

Analysis Batch: 3645

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-7651-1	Sierra Blanca Lagoon	Total/NA	Water	9223B	

Lab Chronicle

Client: Hudspeth County WCID #1
Project/Site: Sierra Blanca Lagoon 05072025

Job ID: 830-7651-1
SDG: Sieraa Blanca,Tx

Client Sample ID: Sierra Blanca Lagoon

Date Collected: 05/07/25 09:30
Date Received: 05/07/25 12:55

Lab Sample ID: 830-7651-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	140 mL	1000 mL	2352	05/09/25 09:12	ST	EET EP
Total/NA	Analysis	SM5210B		1	30 mL	300 mL	2350	05/08/25 10:52	MG	EET EP
Total/NA	Analysis	9223B		1	100 mL	100 mL	3645	05/08/25 13:00	YP	EET LUB

Laboratory References:

EET EP = Eurofins El Paso, 200 East Sunset Rd., Suite E, El Paso, TX 79922, TEL (915)585-3443

EET LUB = Eurofins Lubbock, 6701 Aberdeen Ave., Suite 8, Lubbock, TX 79424, TEL (806)794-1296

Accreditation/Certification Summary

Client: Hudspeth County WCID #1
Project/Site: Sierra Blanca Lagoon 05072025

Job ID: 830-7651-1
SDG: Sieraa Blanca,Tx

Laboratory: Eurofins El Paso

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704221	04-03-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
SM 2540D		Water	Total Suspended Solids

Laboratory: Eurofins Lubbock

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704219	03-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
9223B		Water	Coliform, Total

Method Summary

Client: Hudspeth County WCID #1
Project/Site: Sierra Blanca Lagoon 05072025

Job ID: 830-7651-1
SDG: Sieraa Blanca,Tx

Method	Method Description	Protocol	Laboratory
SM 2540D	Solids, Total Suspended (TSS)	SM	EET EP
SM5210B	BOD, 5 Day	SM	EET EP
9223B	Coliforms, Total, and E.Coll (Colilert - Quanti Tray)	SM	EET LUB

Protocol References:

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

Laboratory References:

EET EP = Eurofins El Paso, 200 East Sunset Rd., Suite E, El Paso, TX 79922, TEL (915)585-3443

EET LUB = Eurofins Lubbock, 6701 Aberdeen Ave., Suite 8, Lubbock, TX 79424, TEL (806)794-1296

Sample Summary

Client: Hudspeth County WCID #1
Project/Site: Sierra Blanca Lagoon 05072025

Job ID: 830-7651-1
SDG: Sieraa Blanca,Tx

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
830-7651-1	Sierra Blanca Lagoon	Water	05/07/25 09:30	05/07/25 12:55

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

830-7651 Chain of Custody

Loc: 830 7651

5/16/2025

Project Manager:	Macario Marquez	Bill to: (if different)	
Company Name:	Hudspeth County WCID #1	Company Name:	
Address:	P.O. Box 158	Address:	
City, State ZIP:	Sierra Blanca TX 79851	City, State ZIP:	
Phone:	915-369-2221	Email:	MACLOC@VALORNET.COM

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Sierra Blanca Lagoon	Turn Around	☐ Routine ☐ Rush
Project Number:	05072025	Due Date:	
Project Location:	Sierra Blanca TX	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Macario Marquez		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No	Thermometer ID:	IR-20
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-1.2
Sample Custody Seals:	Yes No N/A	Temperature Reading:	4
Total Containers:		Corrected Temperature:	4

ANALYSIS REQUEST

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	TSS	BOD	E. coli
Sierra Blanca Lagoon	WW	04/07/25	09:30		Grab	3		X	X	X

Preservative Codes

None: NO	DI Water: H_2O
Cool: Cool	MeOH: Me
HCL: HC	HNO_3
H_2SO_4: H_2	NaOH: Na
H_3PO_4: HP	
$NaHSO_4$: NABIS	
$Na_2S_2O_3$: $NaSO_3$	
Zn Acetate+NaOH: Zn	
NaOH+Ascorbic Acid: SAPC	

Sample Comments

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010:** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		10:21 5.7.25	2		5.7.25 1255
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

Eurofins El Paso
200 East Sunset Rd. Suite E
El Paso, TX 79922
Phone: 915-585-3443

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Richter, Travis W	Carrier Tracking No(s): N/A	COC No: 830-4056.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Travis.Richter@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 830-7651-1
Address: 6701 Aberdeen Ave., Suite 8,	Due Date Requested: 5/16/2025			
City: Lubbock	TAT Requested (days): N/A			
State, Zip: TX, 79424				
Phone: 806-794-1296(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Sierra Blanca Lagoon 05072025	Project #: 83000039			
Site: N/A	SSOW#: N/A			

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9223B_CIQT18_8H	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
Sierra Blanca Lagoon (830-7651-1)	5/7/25	09:30 Mountain	G	Water			X	1	

Analysis Requested

Preservation Codes: -

Other: N/A

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

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

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	5-7-25 1500			5/8/25 9:40	
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: 4.1 | 4.4

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Hudspeth County WCID #1

Job Number: 830-7651-1
SDG Number: Sieraa Blanca,Tx

Login Number: 7651
List Number: 1
Creator: Rios-Lumpkins, Christina

List Source: Eurofins El Paso

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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: Hudspeth County WCID #1

Job Number: 830-7651-1
SDG Number: Sieraa Blanca,Tx

Login Number: 7651
List Number: 2
Creator: Pena, Yazmeane

List Source: Eurofins Lubbock
List Creation: 05/08/25 10:10 AM

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

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

ANALYTICAL REPORT

PREPARED FOR

Attn: Macario Marquez
Hudspeth County WCID #1
PO BOX 188
Sierra Blanca, Texas 79851

Generated 5/31/2024 11:55:30 AM

JOB DESCRIPTION

Sierra Blanca Lagoon 052224
Sirra Blanca

JOB NUMBER

830-5531-1

Eurofins El Paso
200 East Sunset Rd.
Suite E
El Paso TX 79922

See page two for job notes and contact information.

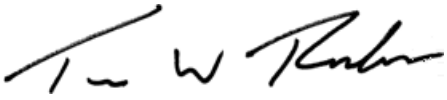
myEOL

Job Notes

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

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

Authorization



Generated
5/31/2024 11:55:30 AM

Authorized for release by
Travis Richter, Project Manager
Travis.Richter@et.eurofinsus.com
(281)794-7216

Table of Contents

Definitions/Glossary

Client: Hudspeth County WCID #1
Project/Site: Sierra Blanca Lagoon 052224

Job ID: 830-5531-1
SDG: Sirra Blanca

Qualifiers

General Chemistry

Qualifier	Qualifier Description
b	Result Detected in the Unseeded Control blank (USB).
U	Indicates the analyte was analyzed for but not detected.

Biology

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.

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
830-5531-1

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 are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt
The sample was received on 5/22/2024 11:04 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 8.4°C.

General Chemistry
Method 2540D: Due to the nature of the sample matrix, a sample volume less than 1L was utilized for this procedure specified by the SM 2540D reference method. The following sample was impacted: Sirra Blanco Lagoon (Grab) (830-5531-1).

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

Biology
Method 9223B_ClQT18_8H: The following sample was received at the analyzing laboratory outside of holding time, because it was shipped overnight from the receiving laboratory: Sirra Blanco Lagoon (Grab) (830-5531-1).

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

Client Sample Results

Client: Hudspeth County WCID #1
Project/Site: Sierra Blanca Lagoon 052224

Job ID: 830-5531-1
SDG: Sirra Blanca

Client Sample ID: Sirra Blanco Lagoon (Grab)

Date Collected: 05/22/24 08:30
Date Received: 05/22/24 11:04

Lab Sample ID: 830-5531-1

Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (SM 2540D)	77.0		13.3	13.3	mg/L			05/28/24 12:30	1
Biochemical Oxygen Demand (SM5210B)	172	b	120	120	mg/L			05/23/24 08:00	1

Method: SM 9223B - Coliforms, Total, and E.Coll (Colilert - Quanti Tray)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Coliform, Total	>2400	H	1.0	1.0	MPN/100mL			05/23/24 13:07	1
Escherichia coli	2400	H	1.0	1.0	MPN/100mL			05/23/24 13:07	1

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

Lab Sample ID: MB 830-1876/1
Matrix: Water
Analysis Batch: 1876

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<4.00	U	4.00	4.00	mg/L			05/28/24 12:30	1

Lab Sample ID: LCS 830-1876/2
Matrix: Water
Analysis Batch: 1876

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	100	94.00		mg/L		94	80 - 120

Lab Sample ID: LCSD 830-1876/3
Matrix: Water
Analysis Batch: 1876

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
Total Suspended Solids	100	99.00		mg/L		99	80 - 120	5	10

Method: SM5210B - BOD, 5 Day

Lab Sample ID: SCB 830-1870/2
Matrix: Water
Analysis Batch: 1870

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

Analyte	SCB Result	SCB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	<2.00	U	2.00	2.00	mg/L			05/23/24 08:00	1

Lab Sample ID: USB 830-1870/1
Matrix: Water
Analysis Batch: 1870

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

Analyte	USB Result	USB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	<2.00	U	2.00	2.00	mg/L			05/23/24 08:00	1

Lab Sample ID: LCS 830-1870/3
Matrix: Water
Analysis Batch: 1870

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Biochemical Oxygen Demand	198	190.4		mg/L		96	85 - 115

QC Association Summary

Client: Hudspeth County WCID #1
Project/Site: Sierra Blanca Lagoon 052224

Job ID: 830-5531-1
SDG: Sirra Blanca

General Chemistry

Analysis Batch: 1870

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-5531-1	Sirra Blanco Lagoon (Grab)	Total/NA	Water	SM5210B	
SCB 830-1870/2	Method Blank	Total/NA	Water	SM5210B	
USB 830-1870/1	Method Blank	Total/NA	Water	SM5210B	
LCS 830-1870/3	Lab Control Sample	Total/NA	Water	SM5210B	

Analysis Batch: 1876

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-5531-1	Sirra Blanco Lagoon (Grab)	Total/NA	Water	SM 2540D	
MB 830-1876/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 830-1876/2	Lab Control Sample	Total/NA	Water	SM 2540D	
LCSD 830-1876/3	Lab Control Sample Dup	Total/NA	Water	SM 2540D	

Biology

Analysis Batch: 2679

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-5531-1	Sirra Blanco Lagoon (Grab)	Total/NA	Water	9223B	

Lab Chronicle

Client: Hudspeth County WCID #1
Project/Site: Sierra Blanca Lagoon 052224

Job ID: 830-5531-1
SDG: Sirra Blanca

Client Sample ID: Sirra Blanco Lagoon (Grab)
Date Collected: 05/22/24 08:30
Date Received: 05/22/24 11:04

Lab Sample ID: 830-5531-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	300 mL	1000 mL	1876	05/28/24 12:30	MG	EET EP
Total/NA	Analysis	SM5210B		1	5 mL	300 mL	1870	05/23/24 08:00	MG	EET EP
Total/NA	Analysis	9223B		1	100 mL	100 mL	2679	05/23/24 13:07	LT	EET LUB

Laboratory References:

EET EP = Eurofins El Paso, 200 East Sunset Rd., Suite E, El Paso, TX 79922, TEL (915)585-3443

EET LUB = Eurofins Lubbock, 6701 Aberdeen Ave., Suite 8, Lubbock, TX 79424, TEL (806)794-1296

Accreditation/Certification Summary

Client: Hudspeth County WCID #1
Project/Site: Sierra Blanca Lagoon 052224

Job ID: 830-5531-1
SDG: Sirra Blanca

Laboratory: Eurofins El Paso

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704221	04-30-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
SM 2540D		Water	Total Suspended Solids

Laboratory: Eurofins Lubbock

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704219	03-31-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
9223B		Water	Coliform, Total

Method Summary

Client: Hudspeth County WCID #1
Project/Site: Sierra Blanca Lagoon 052224

Job ID: 830-5531-1
SDG: Sirra Blanca

Method	Method Description	Protocol	Laboratory
SM 2540D	Solids, Total Suspended (TSS)	SM	EET EP
SM5210B	BOD, 5 Day	SM	EET EP
9223B	Coliforms, Total, and E.Coll (Colilert - Quanti Tray)	SM	EET LUB

Protocol References:

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

Laboratory References:

EET EP = Eurofins El Paso, 200 East Sunset Rd., Suite E, El Paso, TX 79922, TEL (915)585-3443

EET LUB = Eurofins Lubbock, 6701 Aberdeen Ave., Suite 8, Lubbock, TX 79424, TEL (806)794-1296

Sample Summary

Client: Hudspeth County WCID #1
Project/Site: Sierra Blanca Lagoon 052224

Job ID: 830-5531-1
SDG: Sirra Blanca

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
830-5531-1	Sirra Blanco Lagoon (Grab)	Water	05/22/24 08:30	05/22/24 11:04

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

830-5531 Chain of Custody

Loc: 830
5531

5/31/2024

Page _____ of _____

Project Manager:	Macario Marquez	Bill to: (if different)	
Company Name:	Hudspeth County WCID#1	Company Name:	
Address:	PO Box 188	Address:	
City, State ZIP:	Sierra Blanca, TX 79851	City, State ZIP:	
Phone:	915-369-2221	Email:	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Sierra Blanca Lagoon	Turn Around	
Project Number:	052224	☐ Routine ☐ Rush	
Project Location:	Sierra Blanca	Due Date:	
Sampler's Name:	Macario Marquez	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID:	IR-2
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	3.9
Total Containers:		Corrected Temperature:	3.9

ANALYSIS REQUEST

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: BOD	TSS	E. Coli
Sierra Blanca Lagoon	W	05/22/24	08:30		Grab	3		/	/	/

Preservative Codes

None: NO — DI Water: H_2O
Cool: Cool — MeOH: Me
HCL: HC — HNO_3
H_2SO_4: H_2 — NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Comments

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010:** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		05/22/24 09:48	2	ORM	5/22/24 11:04
3			4		
5			6		

Eurofins El Paso
200 East Sunset Rd. Suite E
El Paso, TX 79922
Phone: 915-585-3443

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler:	Lab PM: Richter, Travis W	Carrier Tracking No(s):	COC No: 830-2580.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Travis.Richter@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 830-5531-1
Address: 6701 Aberdeen Ave., Suite 8,	Due Date Requested: 6/3/2024			
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424				
Phone: 806-794-1296(Tel)	PO #:			
Email:	WO #:			
Project Name: Sierra Blanca Lagoon 052224	Project #: 83000039			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: -

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9223B_CIQT18_8H	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
Sirra Blanco Lagoon (Grab) (830-5531-1)	5/22/24	08:30 Mountain		Water			X	1	

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

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

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	5/22/24 15:00		[signature]	5/23/24 1000	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.0/1.6

Ver: 04/02/2024

Login Sample Receipt Checklist

Client: Hudspeth County WCID #1

Job Number: 830-5531-1
SDG Number: Sirra Blanca

Login Number: 5531
List Number: 1
Creator: Rios-Lumpkins, Christina

List Source: Eurofins El Paso

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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: Hudspeth County WCID #1

Job Number: 830-5531-1
SDG Number: Sirra Blanca

Login Number: 5531
List Number: 2
Creator: Triplett, Colby

List Source: Eurofins Lubbock
List Creation: 05/23/24 10:18 AM

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

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

ANALYTICAL REPORT

PREPARED FOR

Attn: Macario Marquez
Hudspeth County WCID #1
PO BOX 188
Sierra Blanca, Texas 79851

Generated 6/5/2024 10:34:50 PM

JOB DESCRIPTION

Sierra Blanca Lagoon 053024
Sierra Blanca

JOB NUMBER

830-5572-1

Eurofins El Paso
200 East Sunset Rd.
Suite E
El Paso TX 79922

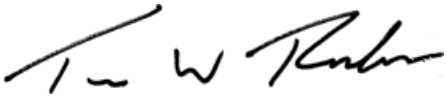
See page two for job notes and contact information.

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.

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

Authorization



Generated
6/5/2024 10:34:50 PM

Authorized for release by
Travis Richter, Project Manager
Travis.Richter@et.eurofinsus.com
(281)794-7216

Table of Contents

Definitions/Glossary

Client: Hudspeth County WCID #1
Project/Site: Sierra Blanca Lagoon 053024

Job ID: 830-5572-1
SDG: Sierra Blanca

Qualifiers

General Chemistry

Qualifier	Qualifier Description
b	Result Detected in the Unseeded Control blank (USB).
U	Indicates the analyte was analyzed for but not detected.

Biology

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.

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
830-5572-1

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 are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt
The sample was received on 5/30/2024 11:02 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 3.6°C.

General Chemistry
Method 2540D: Due to the nature of the sample matrix, a sample volume less than 1L was utilized for this procedure specified by the SM 2540D reference method. The following sample was impacted: Sierra Blanca (Grab) (830-5572-1).

Method SM5210B_BODCalc: The method blank result associated with batch 830-1880 was higher than the method-required limit of 0.2 mg/L.

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

Biology
Method 9223B_ClQT18_8H: The following sample was received at the analyzing laboratory outside of holding time, because it was shipped overnight from the receiving laboratory. Hold time was further exceeded by a FedEx shipping delay: Sierra Blanca (Grab) (830-5572-1).

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

Client Sample Results

Client: Hudspeth County WCID #1
Project/Site: Sierra Blanca Lagoon 053024

Job ID: 830-5572-1
SDG: Sierra Blanca

Client Sample ID: Sierra Blanca (Grab)

Date Collected: 05/30/24 08:30
Date Received: 05/30/24 11:02

Lab Sample ID: 830-5572-1

Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (SM 2540D)	47.5		16.7	16.7	mg/L			06/04/24 09:15	1
Biochemical Oxygen Demand (SM5210B)	68.1	b	60.0	60.0	mg/L			05/30/24 12:45	1

Method: SM 9223B - Coliforms, Total, and E.Coll (Colilert - Quanti Tray)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Coliform, Total	>2400	H	1.0	1.0	MPN/100mL			06/03/24 15:15	1
Escherichia coli	770	H	1.0	1.0	MPN/100mL			06/03/24 15:15	1

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

Lab Sample ID: MB 830-1882/1
Matrix: Water
Analysis Batch: 1882

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<4.00	U	4.00	4.00	mg/L			06/04/24 09:15	1

Lab Sample ID: LCS 830-1882/2
Matrix: Water
Analysis Batch: 1882

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	100	107.0		mg/L		107	80 - 120

Lab Sample ID: LCSD 830-1882/3
Matrix: Water
Analysis Batch: 1882

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
Total Suspended Solids	100	103.0		mg/L		103	80 - 120	4	10

Method: SM5210B - BOD, 5 Day

Lab Sample ID: SCB 830-1880/2
Matrix: Water
Analysis Batch: 1880

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

Analyte	SCB Result	SCB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	<2.00	U	2.00	2.00	mg/L			05/30/24 08:20	1

Lab Sample ID: USB 830-1880/1
Matrix: Water
Analysis Batch: 1880

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

Analyte	USB Result	USB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	<2.00	U	2.00	2.00	mg/L			05/30/24 08:20	1

Lab Sample ID: LCS 830-1880/3
Matrix: Water
Analysis Batch: 1880

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Biochemical Oxygen Demand	198	219.8		mg/L		111	85 - 115

QC Association Summary

Client: Hudspeth County WCID #1
Project/Site: Sierra Blanca Lagoon 053024

Job ID: 830-5572-1
SDG: Sierra Blanca

General Chemistry

Analysis Batch: 1880

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-5572-1	Sierra Blanca (Grab)	Total/NA	Water	SM5210B	
SCB 830-1880/2	Method Blank	Total/NA	Water	SM5210B	
USB 830-1880/1	Method Blank	Total/NA	Water	SM5210B	
LCS 830-1880/3	Lab Control Sample	Total/NA	Water	SM5210B	

Analysis Batch: 1882

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-5572-1	Sierra Blanca (Grab)	Total/NA	Water	SM 2540D	
MB 830-1882/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 830-1882/2	Lab Control Sample	Total/NA	Water	SM 2540D	
LCSD 830-1882/3	Lab Control Sample Dup	Total/NA	Water	SM 2540D	

Biology

Analysis Batch: 2703

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
830-5572-1	Sierra Blanca (Grab)	Total/NA	Water	9223B	

Lab Chronicle

Client: Hudspeth County WCID #1
Project/Site: Sierra Blanca Lagoon 053024

Job ID: 830-5572-1
SDG: Sierra Blanca

Client Sample ID: Sierra Blanca (Grab)

Date Collected: 05/30/24 08:30
Date Received: 05/30/24 11:02

Lab Sample ID: 830-5572-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	240 mL	1000 mL	1882	06/04/24 09:15	MG	EET EP
Total/NA	Analysis	SM5210B		1	10 mL	300 mL	1880	05/30/24 12:45	MG	EET EP
Total/NA	Analysis	9223B		1	100 mL	100 mL	2703	06/03/24 15:15	LT	EET LUB

Laboratory References:

EET EP = Eurofins El Paso, 200 East Sunset Rd., Suite E, El Paso, TX 79922, TEL (915)585-3443

EET LUB = Eurofins Lubbock, 6701 Aberdeen Ave., Suite 8, Lubbock, TX 79424, TEL (806)794-1296

Accreditation/Certification Summary

Client: Hudspeth County WCID #1
Project/Site: Sierra Blanca Lagoon 053024

Job ID: 830-5572-1
SDG: Sierra Blanca

Laboratory: Eurofins El Paso

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704221	04-30-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
SM 2540D		Water	Total Suspended Solids

Laboratory: Eurofins Lubbock

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704219	03-31-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
9223B		Water	Coliform, Total

Method Summary

Client: Hudspeth County WCID #1
Project/Site: Sierra Blanca Lagoon 053024

Job ID: 830-5572-1
SDG: Sierra Blanca

Method	Method Description	Protocol	Laboratory
SM 2540D	Solids, Total Suspended (TSS)	SM	EET EP
SM5210B	BOD, 5 Day	SM	EET EP
9223B	Coliforms, Total, and E.Coll (Colilert - Quanti Tray)	SM	EET LUB

Protocol References:

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

Laboratory References:

EET EP = Eurofins El Paso, 200 East Sunset Rd., Suite E, El Paso, TX 79922, TEL (915)585-3443

EET LUB = Eurofins Lubbock, 6701 Aberdeen Ave., Suite 8, Lubbock, TX 79424, TEL (806)794-1296

Sample Summary

Client: Hudspeth County WCID #1
Project/Site: Sierra Blanca Lagoon 053024

Job ID: 830-5572-1
SDG: Sierra Blanca

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
830-5572-1	Sierra Blanca (Grab)	Water	05/30/24 08:30	05/30/24 11:02

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Work Order No: 5572

Page _____ of _____

Project Manager:	Macario Marquez Jr	Bill to: (if different)	
Company Name:	Hudspeth County WCID #1	Company Name:	
Address:	PO Box 188	Address:	
City, State ZIP:	Sierra Blanca, TX 79851	City, State ZIP:	
Phone:	915-369-2221	Email:	Mac10@VALORNET.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Sierra Blanca Lagoon	Turn Around	
Project Number:	053024	☐ Routine ☐ Rush	
Project Location:	Sierra Blanca	Due Date:	
Sampler's Name:	Macario Marquez	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
Samples Received Intact:	(Yes) No	Thermometer ID:	TH-2	
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-.2	
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	3.8	
Total Containers:		Corrected Temperature:	3.6	

ANALYSIS REQUEST

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Parameters: BOD	TSS	E Coli
Sierra Blanca Lagoon	W	05/30/24	08:30		Grab	3	✓	✓	

Preservative Codes

None: NO — DI Water: H_2O
Cool: Cool — MeOH: Me
HCL: HC — HNO_3
H_2SO_4: H_2 — NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Comments

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed — TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			05/30/24 09:07	2	CNL	5/30/24 11:02
3				4		
5				6		

Revised Date: 08/25/2020 Rev. 2020.2

Login Sample Receipt Checklist

Client: Hudspeth County WCID #1

Job Number: 830-5572-1
SDG Number: Sierra Blanca

Login Number: 5572
List Number: 1
Creator: Rios-Lumpkins, Christina

List Source: Eurofins El Paso

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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: Hudspeth County WCID #1

Job Number: 830-5572-1
SDG Number: Sierra Blanca

Login Number: 5572
List Number: 2
Creator: Lee, Randell

List Source: Eurofins Lubbock
List Creation: 06/03/24 03:11 PM

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

HUDSPETH COUNTY W.C. & I.D. # 1
Calibration and Maintenance Log

Date: 04/16/2025	Time: 8:45	Employee Name: MARIA MARQUEZ
		LORENZO PADILLA

Calibration

Function	Temp. of Standard	Value of Standard	Initial Reading	Calibrated to	Comments
pH calibrated 4.01	23.4°C	4.01	4.01	4.01	
pH calibrated 7.00	23.2°C	7.00	7.00	7.00	
pH calibrated 10.01	23.2°C	10.01	10.01	10.00	
pH slope				-54.3	
Dissolved oxygen	25.3°C				

Altitude (A)= 4500 | Barometric pressure 25.8

FLOW METERS	FLOW GPM
INFLUENT: 8523855	39.81
EFFLUENT: 9633959	80.38
CALIBRATION ON:	

DO mg/L 97.8	Ph 8.4	
25.4°C	20.1°C	

TEMPERATURE	RAIN	WIND	SNOW		

AERATORS INSTALLED NOVEMBER 4, 2011

MAINTENANCE

Sensor	Date	Initials	Maintenance Completed
pH			
DO			
BAROMETER			

Location: SIERRA BLANCA LAGOONS			Date/Time Started:		Date/Time Finished:
Use (circle one):	24-hour	Continuous	(Grab)		

HUDSPETH COUNTY W.C. & I.D. # 1
Calibration and Maintenance Log

Date: 4-23-25	Time: 9:00	Employee Name: Macario Marquez
		Lorenzo Pantoja

Calibration

Function	Temp. of Standard	Value of Standard	Initial Reading	Calibrated to	Comments
pH calibrated 4.01	27.1°c	4.01	4.01	4.01	
pH calibrated 7.00	27.1°c	7.00	7.00	7.00	
pH calibrated 10.01	26.8°c	10.01	10.01	10.01	
pH slope				-48.6	
Dissolved oxygen	29.4°c				

Altitude (A)=: 4510	Barometric pressure 27.8

FLOW METERS	FLOW GPM
INFLUENT: 8868487	66.46
EFFLUENT: 9965956	59.15
CALIBRATION ON:	

DO mg/L 100.5	Ph 8.1	
28.5°c	26.8°c	

TEMPERATURE	RAIN	WIND	SNOW		

AERATORS INSTALLED NOVEMBER 4, 2011

MAINTENANCE

Sensor	Date	Initials	Maintenance Completed
pH			
DO			
BAROMETER			

Location: SIERRA BLANCA LAGOONS			Date/Time Started:	Date/Time Finished:
Use (circle one):	24-hour	Continuous	Grab	

HUDSPETH COUNTY W.C. & I.D. # 1
Calibration and Maintenance Log

Date: 4-29-25	Time: 10:55	Employee Name: Mario Marquez

Calibration

Function	Temp. of Standard	Value of Standard	Initial Reading	Calibrated to	Comments
pH calibrated 4.01	24.1°c	4.01	4.01	4.01	
pH calibrated 7.00	24.0°c	7.00	7.00	7.00	
pH calibrated 10.01	24.0°c	10.01	10.02	10.02	
pH slope	~~27.3°c~~			55.6	
Dissolved oxygen	27.3°c				

Altitude (A)= 4440'	Barometric pressure 29.87 Hg

FLOW METERS	FLOW GPM
INFLUENT: 9164837	52.19
EFFLUENT: 225640.0	82.44
CALIBRATION ON:	

DO mg/L 10.3	PH 7.96
27.3°c	24.1°c

TEMPERATURE	RAIN	WIND	SNOW		
73°	✓	✓			

AERATORS INSTALLED NOVEMBER 4, 2011

MAINTENANCE

Sensor	Date	Initials	Maintenance Completed
pH			
DO			
BAROMETER			

Location: SIERRA BLANCA LAGOONS			Date/Time Started:	Date/Time Finished:
Use (circle one):	24-hour	Continuous	Grab	

HUDSPETH COUNTY W.C. & I.D. # 1
Calibration and Maintenance Log

Date: 05/07/25	Time: 09:16	Employee Name: MACARIO MARQUEZ

Calibration

Function	Temp. of Standard	Value of Standard	Initial Reading	Calibrated to	Comments
pH calibrated 4.01	18.1°c	4.00	4.00	4.00	
pH calibrated 7.00	18.4°c	7.01	7.02	7.02	
pH calibrated 10.01	18.6°c	10.01	10.08	10.07	
pH slope				-55.1	
Dissolved oxygen	21.2°c				

Altitude (A)= 4440' Barometric pressure 30.01 in Hg

FLOW METERS	FLOW GPM
INFLUENT: 9582686	57.8
EFFLUENT: 5538230	60.13
CALIBRATION ON: 05/06/2025	

DO mg/L 19.9	Ph 7.99
21.2°c.	18.1°c

TEMPERATURE	RAIN	WIND	SNOW		
64°F					

AERATORS INSTALLED NOVEMBER 4, 2011

MAINTENANCE

Sensor	Date	Initials	Maintenance Completed
pH			
DO			
BAROMETER			

Location: SIERRA BLANCA LAGOONS			Date/Time Started:	Date/Time Finished:
Use (circle one):	24-hour	Continuous	Grab	

HUDSPETH COUNTY W.C. & I.D. # 1
Calibration and Maintenance Log

Date: 05-14-25	Time: 9:00	Employee Name: MACARIO MARQUEZ
		LORENZO PANTOJA

Calibration

Function	Temp. of Standard	Value of Standard	Initial Reading	Calibrated to	Comments
pH calibrated 4.01	26.9°c	4.01	4.01	4.01	
pH calibrated 7.00	29°c	7.00	6.99	6.99	
pH calibrated 10.01	27.9°c	1001	9.98	9.98	
pH slope				-55.4	
Dissolved oxygen	29.2				

Altitude (A)= 4440 | Barometric pressure 29.60 inHg

FLOW METERS	FLOW GPM
INFLUENT: 9944610	58.11
EFFLUENT: 7367480	23.01
CALIBRATION ON: 05/06/2025	

DO mg/L 7.5	Ph 8.14	
20.5°c	19.6°c	

TEMPERATURE	RAIN	WIND	SNOW		
89°		21 mph			

AERATORS INSTALLED NOVEMBER 4, 2011

MAINTENANCE

Sensor	Date	Initials	Maintenance Completed
pH			
DO			
BAROMETER			

Location: SIERRA BLANCA LAGOONS		Date/Time Started:	Date/Time Finished:
Use (circle one):	24-hour	Continuous	Grab

HUDSPETH COUNTY W.C. & I.D. #1
Calibration and Maintenance Log

Date: 5-21-25	Time: 9:00	Employee Name: Macario Marquez
		Lorenzo Pantoja

Calibration

Function	Temp. of Standard	Value of Standard	Initial Reading	Calibrated to	Comments
pH calibrated 4.01	24.6°c	4.01	4.00	4.00	
pH calibrated 7.00	24.9°c	7.00	7.00	7.00	
pH calibrated 10.01	25.4°c	1001	10.01	10.01	
pH slope				-58.7	
Dissolved oxygen				98.1	

Altitude (A)= 4440'	Barometric pressure 27.8

FLOW METERS	FLOW GPM
INFLUENT: 3076760	32.40
EFFLUENT: 1021794	42.51
CALIBRATION ON: 05/06/2025	

DO mg/L 38.5	Ph 7.80	
21.8°c.	22.0°c	

TEMPERATURE	RAIN	WIND	SNOW		
75.8°F					

AERATORS INSTALLED NOVEMBER 4, 2011

MAINTENANCE

Sensor	Date	Initials	Maintenance Completed
pH			
DO			
BAROMETER			

Location: SIERRA BLANCA LAGOONS			Date/Time Started:		Date/Time Finished:
Use (circle one):	24-hour	Continuous	Grab		

HUDSPETH COUNTY W.C. & I.D. # 1
Calibration and Maintenance Log

Date: 5-28-25	Time: 8:31	Employee Name: Macario Marquez
		Lorenzo Tavtaja

Calibration

Function	Temp. of Standard	Value of Standard	Initial Reading	Calibrated to	Comments
pH calibrated 4.01	25.6°c	4.01	4.01	4.01	
pH calibrated 7.00	25.8°c	7.00	7.00	7.00	
pH calibrated 10.01	26.0°c	1001	10.00		
pH slope				-55.5	
Dissolved oxygen				111.7	

Altitude (A)=: 4440'	Barometric pressure 29.92
FLOW METERS 615070	FLOW GPM 51.53
INFLUENT: 1153413	59.40
EFFLUENT:	
CALIBRATION ON: 05/06/2025	

DO mg/L 4.1.9	Ph 8.48
20.9°c	21.1°c

TEMPERATURE	RAIN	WIND	SNOW		
80°		10 mph			

AERATORS INSTALLED NOVEMBER 4, 2011

MAINTENANCE

Sensor	Date	Initials	Maintenance Completed
pH			
DO			
BAROMETER			

Location: SIERRA BLANCA LAGOONS			Date/Time Started:	Date/Time Finished:
Use (circle one):	24-hour	Continuous	Grab	

HUDSPETH COUNTY W.C. & I.D. #1
Calibration and Maintenance Log

Date: 06/4/	Time: 09:00	Employee Name: Ricardo Marquez
		Lorenzo Pantoja

Calibration

Function	Temp. of Standard	Value of Standard	Initial Reading	Calibrated to	Comments
pH calibrated 4.01	31.4°c	4.01	4.02	4.02	
pH calibrated 7.00	30.3°c	7.00	6.98	7.00	
pH calibrated 10.01	32.0°c	1001	9.95		
pH slope				-57.5	
Dissolved oxygen				2.89	

Altitude (A)= 4520'	Barometric pressure 29.65 in

FLOW METERS	FLOW GPM
INFLUENT: 9667468	65.40
EFFLUENT: 1385966	59.31
CALIBRATION ON: 05/06/2025	

DO mg/L 1.60	Ph 8.11
28.8°F	25.5c

TEMPERATURE	RAIN	WIND	SNOW		
85.3° F		18 mph			

AERATORS INSTALLED NOVEMBER 4, 2011

MAINTENANCE

Sensor	Date	Initials	Maintenance Completed
pH			
DO			
BAROMETER			

Location: SIERRA BLANCA LAGOONS			Date/Time Started:	Date/Time Finished:
Use : - (circle one):	24-hour	Continuous	Grab	

Comisión de Calidad Ambiental del Estado de Texas

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

PERMISO NO. WQ00

SOLICITUD. *Hudspeth County Water Control and Improvement District No. 1, 105 North Sierra Blanca Avenue, Sierra Blanca, Texas 79851*, ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para renovar el Permiso No. WQ0013858001 (EPA I.D. No. TX0115657) 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 160,000 galones por día. La planta está ubicada *0.28 millas al sureste de la intersección de Sunset Road y Texas Boulevard, en la ciudad de Sierra Blanca,* en el Condado de *Hudspeth*, Texas *79851*. La ruta de descarga es del sitio de la planta a una zanja de drenaje sin nombre, desde allí hacia el sureste, adyacente a Eagle Mountain Drive, continuando después hacia el este conforme la carretera se desvía al sureste. El vertido sigue fluyendo hasta disiparse, aproximadamente a una milla. La TCEQ recibió esta solicitud el *18 de Junio de 2025*. La solicitud para el permiso estará disponible para leerla y copiarla en Water District Office, Front Desk, 105 North Sierra Blanca Avenue, Sierra Blanca, en el conado de Hudspeth 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=-105.324166,31.168611&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 Hudspeth County Water Control And Improvement District No. 1 en la dirección indicada arriba o llamando al Sr. Macario Marquez Jr, Gerente General, al 915-369-2221.

Fecha de emisión: *[Date notice issued]*

221 N. Kansas Street
Suite 1208
El Paso, TX 79901

TEL 915.808.4164

www.GarverUSA.com

July 9, 2025

Mr. Brandon Maldonado
Applications Review and Processing Team (MC148)
Water Quality Division
Texas Commission of Environmental Quality
BY EMAIL

Re: Hudspeth County WC&ID No. 1
Application to Renew Permit No.: WQ0013858001 (EPA I.D. No. TX0115657)
Email Correspondence Dated June 26, 2025

Dear Mr. Maldonado,

The Hudspeth County WC&ID No. 1 is in receipt of your email dated June 26th requesting more information before the application can be declared administratively complete. To address your questions we offer the following comments:

1. The contact's name for this Permit Application and notice is Mr. Macario Marquez, Jr. requiring correction from Mr. Marquez Jr Macario.

2. Due to the topography of the site and the long-term drought conditions, the discharge route has changed. Additionally, the contact's name is in error. The notice should read:

> APPLICATION. Hudspeth County Water Control and Improvement District No. 1, 105 North Sierra Blanca Avenue, Sierra Blanca, Texas 79851, has applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ001385001 (EPA I.D. No. TX0115657) to authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 160,000 gallons per day. The domestic treatment facility is located approximately 0.28 miles southeast of the intersection of Sunset Road and Texas Boulevard, in the City of Sierra Blanca, in Hudspeth County, Texas 79851. The discharge route is from the plant site to an unnamed drainage swale, thence southeast, adjacent to Eagle Mountain Drive, thence continuing east as the road veers southeast. The discharge continues flowing until dissipated, which is approximately 1 mile. TCEQ received this application on June 18, 2025. The permit application will be available for viewing and copying at Water District Office, Front Desk, 105 North Sierra Blanca Avenue, Sierra Blanca, in Hudspeth 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=-105.324166,31.168611&level=18

Further information may also be obtained from Hudspeth County Water Control and Improvement District No. 1 at the address stated above or by calling Mr. Macario Marquez, Jr. General Manager, at 915-369-2221.

3. Please see the attached Microsoft Word Document which contains the NORI, corrected as indicated in item 2 above and translated into Spanish.

Should you have any questions, please do not hesitate to contact Marco Ramirez, P.E. at 682-747-0873 or by email at maramirez@GarverUSA.com.

Sincerely,

Cynthia D. Robinson
Permitting and Treatment Operations Specialist,
Garver

Enclosure

Attachments: Municipal Discharge Renewal Spanish NORI

Cc: Macario Marquez, Jr., General Manager, Hudspeth County WC&ID No. 1
Marco A. Ramirez, P.E., Project Manager, Garver

Brandon Maldonado

From: Brandon Maldonado
Sent: Friday, July 11, 2025 8:20 AM
To: Robinson, Cynthia D.
Cc: mac10@valornet.com; Ramirez, Marco A.; Aguilar, Leslie M.
Subject: RE: Response to Notice of Deficiency Letter, WQ0013858001

Good morning,

Sorry for the delayed response. We needed to check how the change in discharge route affected the permit. The discharge route description can remain the same. “to an unnamed drainage swale, thence to Blanca Draw, thence to Grayton Lake in Segment 2300 of the Rio Grande Basin”. The unnamed swale branches off and goes a different direction now, but meets back up with Blanca Draw, so although the discharge route has changed slightly, the description is still accurate. As such an amendment is not needed and the renewal can move forward.

For all items of the NOD you response is sufficient. I will now work to admin complete your application.

Please let me know if you have any questions.

Regards,

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

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

From: Robinson, Cynthia D. <CDRobinson@GarverUSA.com>
Sent: Wednesday, July 9, 2025 4:40 PM
To: Brandon Maldonado <Brandon.Maldonado@tceq.texas.gov>
Cc: mac10@valornet.com; Ramirez, Marco A. <MARamirez@GarverUSA.com>; Aguilar, Leslie M. <LMAguilar@GarverUSA.com>
Subject: Response to Notice of Deficiency Letter, WQ0013858001

Good Afternoon Mr. Maldonado,
Attached is the Hudspeth County Water Control and Improvement District No.1 response to your Notice of Deficiency Letter Email dated June 26, 2025. Also attached is the Spanish NORI in Word format.
Please let us know of any questions or any additional information that may be needed.
Thank you,

Cynthia Robinson
Garver

From: Brandon Maldonado <Brandon.Maldonado@tceq.texas.gov>
Sent: Thursday, June 26, 2025 3:20 PM
To: mac10@valornet.com
Cc: maramirez@garverusa.com
Subject: Application to Renew Permit No. WQ0013858001 - Notice of Deficiency Letter

Dear Mr. Macario,

The attached Notice of Deficiency (NOD) letter sent on **June 26, 2025,** requests additional information needed to declare the application administratively complete. Please send complete response to my attention by **July 10, 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