Administrative Package Cover Page

This file contains the following documents:

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

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

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

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

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

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

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

East Rio Hondo Water Supply Corporation (CN600694988) operates North Cameron Water Supply (RN104467287), a reverse osmosis water treatment plant . The facility is located at 14995 TX-107, in Harlingen, Cameron County, Texas 78552. This application is for a renewal to discharge at an annual average flow of 2.0 mgd of treated domestic water via Outfall 001 .

Discharges from the facility are expected to contain aluminum, arsenic, barium, copper, nickel, selenium, and zinc. Additional potential pollutants are included in the Industrial Wastewater Permit Application Worksheet 2.0. Pollutant Analysis in the permit application package. Cleaning-in-place water, used to clean the reverse osmosis filters, is treated by using ammonium sulfate, calcium chloride, scale inhibitor, sodium hydroxide, chlorine, and CIP chemicals (AWCC-234 low PH and AWCC-237 High PH) from American Water Chemicals.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

PERMIT NO. WQ0004758000

APPLICATION. East Rio Hondo Water Supply Corporation, P.O. Box 621, Rio Hondo, Texas 78583, which owns a reverse osmosis water treatment facility, has applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0004758000 (EPA I.D. No. TX0127299) to authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 2,000,000 gallons per day. The facility is located at 14995 State Highway 107, near the city of Harlingen, in Cameron County, Texas 78552. The discharge route is from the plant site to an elevated ditch, thence to North Floodway, thence to Laguna Madre. TCEQ received this application on October 24, 2025. The permit application will be available for viewing and copying at East Rio Hondo Water Supply Corporation Main Office, 206 Industrial Parkway, Rio Hondo, in Cameron County, Texas prior to the date this notice is published in the newspaper. The application is available for viewing and copying at the following webpage: https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application. https://gisweb.tceq.texas.gov/LocationMapper/?marker=-97.78196,26.249152&level=18

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 East Rio Hondo Water Supply Corporation at the address stated above or by calling Mr. Brian Macmanus, P.E., General Manager, at 956-247-7744.

Issuance Date: November 24, 2025

Leah Whallon

From: Kristina Leal <kleal@halff.com>
Sent: Tuesday, November 11, 2025 7:31 AM
To: Leah Whallon
Cc: Eric Haydon; Brian Macmanus; Mark Cantu
Subject: RE: Application to Renew Permit No. WQ0004758000; East Rio Hondo Water Supply Corporation; North Cameron Regional WTP
Attachments: 11102025 Responses to WQ0004758000-nod1.pdf

Follow Up Flag: Follow up
Flag Status: Completed

Good morning, Ms. Whallon.

On behalf of Mr. Brian Macmanus of East Rio Hondo Water Supply Corporation, please find attached the response to your email and comments regarding the attached Notice of Deficiency letter dated November 3, 2025, which requests additional information needed to declare the application administratively complete. Please let me know if any further clarifications are needed.

Kristina Leal

Kristina Leal, PE, CFM
Water/Wastewater Team Leader

Halff
O: 956.445.5198 | C: 956.867.3400
E: kleal@halff.com

Celebrating our legacy of improving lives and communities.

From: Brian Macmanus <bemacmanus@erhwsc.com>
Sent: Monday, November 3, 2025 4:48 PM
To: Kristina Leal <kleal@halff.com>
Cc: Eric Haydon <elhaydon@erhwsc.com>; Richard Correa <rcorrea@halff.com>
Subject: FW: Application to Renew Permit No. WQ0004758000; East Rio Hondo Water Supply Corporation; North Cameron Regional WTP

Kristina:

Attached is the deed showing ERHWSC full ownership for #2 in the attached forwarded TCEQ letter.

Brian E. Macmanus, P.E.

From: Leah Whallon <Leah.Whallon@Tceq.Texas.Gov>
Sent: Monday, November 3, 2025 12:23 PM
To: Brian Macmanus <bemacmanus@erhwsc.com>; Eric Haydon <elhaydon@erhwsc.com>

Subject: Application to Renew Permit No. WQ0004758000; East Rio Hondo Water Supply Corporation; North Cameron Regional WTP

Good Afternoon,

Please see the attached Notice of Deficiency letter dated November 3, 2025, requesting additional information needed to declare the application administratively complete. Please send the complete response by November 17, 2025.

Please let me know if you have any questions.

Thank you,

Leah Whallon
Texas Commission on Environmental Quality
Water Quality Division
512-239-0084
leah.whallon@tceq.texas.gov

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

November 10, 2025

Leah Whallon
Applications Review and Processing Team (MC148)
Water Quality Division
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, Texas 78711-3087

Via electronic transmission: leah.whallon@tceq.texas.gov

Re: Application to Renew Permit No.: WQ0004758000 (EPA I.D. No. TX0127299)
Applicant Name: East Rio Hondo Water Supply Corporation (CN600694988)
Site Name: North Cameron Regional WTP (RN104467287)
Type of Application: Renewal without changes

Dear Ms. Whallon:

This letter and its attachments are provided in response to the letter emailed by you on November 3, 2025, for the above-referenced Texas Pollution Discharge Elimination Systems (TPDES) permit renewal application. The following responses and additional information are attached for your review:

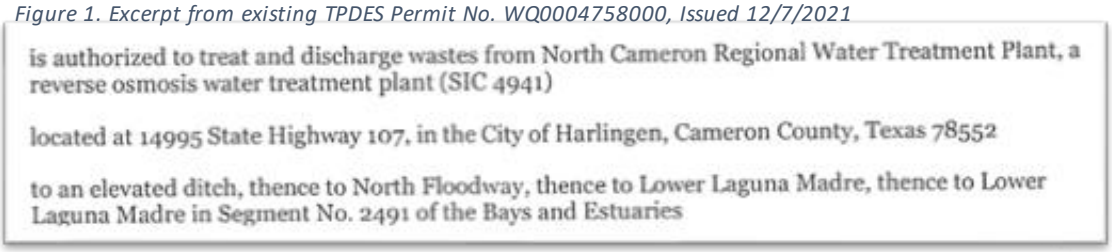
1. Administrative Report 1.0, Item 1.e
   No change in the permitted flow is being requested. The current approved flow of 2.0 MGD is proposed to remain. The proposed Daily Avg Flow of 0.563 MGD and the Proposed Daily Max Flow of 0.648 MGD indicated in the Outfall Flow Information – Permitted and Proposed in Technical Report 1.0 Item 4 are incorrect and should instead reflect the existing permitted flows of 2.0 MGD for the Daily Average Flow and "Report, MGD" for the Daily Maximum Discharge Flow.

2. Administrative Report 1.0, Item 10.f
   Attached is a copy of the Special Warranty Deed conveying ownership of the plant site to East Rio Hondo Water Supply Corporation.

3. Portion of the NORI with information relevant to your application, included for review.
   There are two (2) items to note on the portion of the NORI that was provided in your correspondence.

   NOTE 1: The description of the discharge route, as included in the excerpt provided, is missing the Bays and Estuaries water body segment number that was included in the existing discharge permit. Screenshots of the existing permit and the excerpt from the NORI that describe the discharge route are included for your information below.

Figure 1. Excerpt from existing TPDES Permit No. WQ0004758000, Issued 12/7/2021


is authorized to treat and discharge wastes from North Cameron Regional Water Treatment Plant, a reverse osmosis water treatment plant (SIC 4941)

located at 14995 State Highway 107, in the City of Harlingen, Cameron County, Texas 78552

to an elevated ditch, thence to North Floodway, thence to Lower Laguna Madre, thence to Lower Laguna Madre in Segment No. 2491 of the Bays and Estuaries

Figure 2. Excerpt from TCEQ Correspondence for the NORI renewal for Permit No. WQ0004758000, emailed 11/3/2025, by Leah Whallon

> Texas 78552. The discharge route is from the plant site to an elevated ditch, thence to North Floodway, thence to Lower Laguna Madre, thence to Lower Laguna Madre. TCEO received this

The phrase "in Segment No. 2491 of the Bays and Estuaries" is missing after the second Lower Laguna Madre.

NOTE 2: The map viewer that the link in the NORI directs the user to for an "exact location" is not the same latitude and longitude that was provided in Technical Report 1.0 Item 4. The link provided in the NORI excerpt directs the user to the blue location marker in the center of the screenshot provided below. The actual site is the cyan location indicated with the "Search result" label in the same screenshot below.

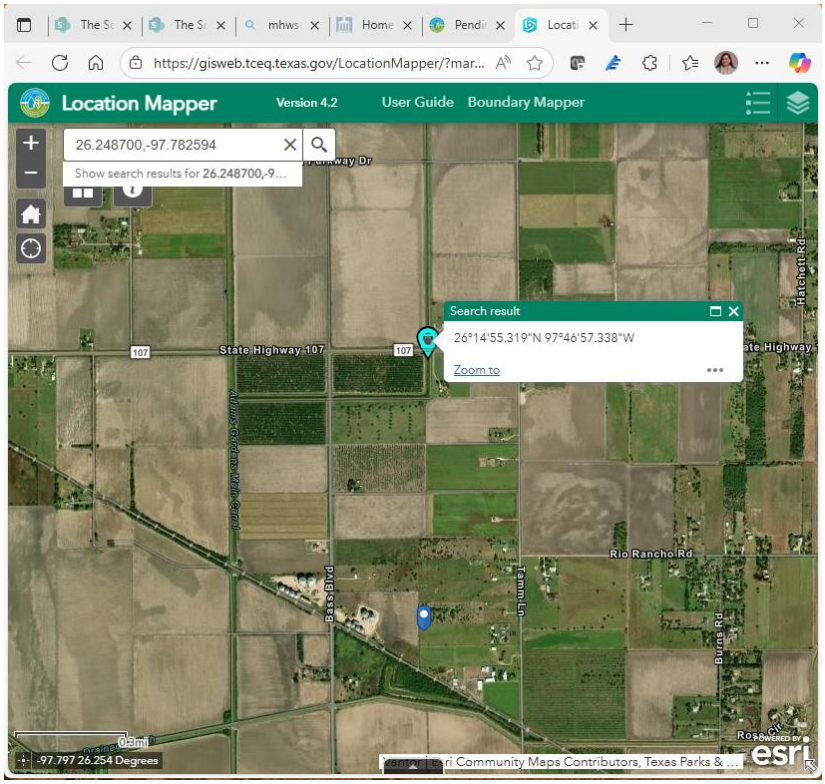


Figure 3 Screenshot of the location provided in the following link, which was included in the NORI excerpt : https://gisweb.tceq.texas.gov/LocationMapper/?marker=-97.782777,26.2375&level=18

I understand that these items are needed for this application to be declared administratively complete. Kindly let me know if there are any other items needed.

Sincerely,

Kristina Leal
Water/Wastewater Team Leader

VG-1920-2023-21110

Cameron County
Sylvia Garza-Perez
Cameron County Clerk

Instrument Number: 2023-21110

Real Property Recordings

Recorded On: June 14, 2023 04:19 PM

Number of Pages: 3

" Examined and Charged as Follows: "

Total Recording: $40.00

********** THIS PAGE IS PART OF THE INSTRUMENT **********
Any provision herein which restricts the Sale, Rental or use of the described REAL PROPERTY because of color or race is invalid and unenforceable under federal law.

File Information:

Document Number:	21110
Receipt Number:	20230614000149
Recorded Date/Time:	June 14, 2023 04:19 PM
User:	Danielle C
Station:	CCLERK19_10

Record and Return To:

EAST RIO HONDO EASEMENTS
PO BOX 621

RIO HONDO TX 78583

STATE OF TEXAS
Cameron County
I hereby certify that this Instrument was filed in the File Number sequence on the date/time printed hereon, and was duly recorded in the Official Records of Cameron County, Texas

Sylvia Garza-Perez
Cameron County Clerk
Cameron County, TX

NOTICE OF CONFIDENTIALITY OF RIGHTS:

IF YOU ARE A NATURAL PERSON, YOU MAY REMOVE OR STRIKE ANY OR ALL OF THE FOLLOWING INFORMATION FROM ANY INSTRUMENT THAT TRANSFERS AN INTEREST IN REAL PROPERTY BEFORE IT IS FILED FOR RECORD IN THE PUBLIC RECORDS:

YOUR SOCIAL SECURITY NUMBER OR YOUR DRIVER'S LICENSE NUMBER

SPECIAL WARRANTY DEED

THE STATE OF TEXAS §
§ KNOW ALL MEN BY THESE PRESENTS:
COUNTY OF CAMERON §

That **NORTH ALAMO WATER SUPPLY CORPORATION**, a Texas nonprofit water supply corporation ("*Grantor*"), for and in consideration of the sum of TEN AND NO/100 DOLLARS ($10.00), and other good and valuable consideration to the undersigned in hand paid, the receipt and sufficiency of which is hereby acknowledged, and for which no lien, either express or implied, is herein retained, has GRANTED, SOLD and CONVEYED and by these presents do GRANT, SELL and CONVEY to **EAST RIO HONDO WATER SUPPLY CORPORATION**, a Texas nonprofit water supply corporation ("*Grantee*"), the following described real property together with any improvements thereon (collectively, the "*Property*"), to-wit:

A 2/3 undivided ownership interest in and to those four tracts of real property more particularly described in the Special Warranty Deed dated November 13, 2007 recorded as Document No. 2007-63385 of the Official Public Records of Cameron County, Texas.

To have and to hold all of Grantor's right, title and interest in the Property, together with all and singular the rights and appurtenances thereto in any wise belonging, unto Grantee and Grantee's heirs, successors and assigns forever, so that neither Grantor, nor Grantor's legal representatives, successors or assigns shall have, claim or demand any right or title to the Property or any appurtenances thereto or part thereof.

Grantor represents and warrants that the Property is being conveyed free and clear of any liens, security interests and encumbrances.

Grantor binds Grantor and Grantor's heirs and successors to warrant and forever defend all and singular the Property to Grantee and Grantee's heirs, successors, and assigns against every person whomsoever lawfully claiming or to claim the same or any part thereof when the claim is by, through, or under Grantor but not otherwise.

DATED: May 31, 2023.

GRANTOR:

NORTH ALAMO WATER SUPPLY CORPORATION, a Texas nonprofit water supply corporation:

By: Steve Krenek

Name: Steve Krenek

Title: President

STATE OF TEXAS §
§
COUNTY OF CAMERON §

This instrument was acknowledged before me on this 14th day of June, 2023, by Steve Krenek, as President for North Alamo Water Supply Corporation, a Texas nonprofit water supply corporation, on behalf of said nonprofit corporation.

Amanda M. Sanchez
Notary Public, State of Texas

AMANDA M. SANCHEZ
Notary Public, State of Texas
Comm. Expires 03-11-2026
Notary ID 128203889

AFTER RECORDING RETURN TO:

East Rio Hondo Water Supply Corporation
P.O. Box 621/206 Industrial Parkway
Rio Hondo, Texas 78583

FILED FOR RECORD
AT 4:19 O'CLOCK P M

JUN 14 2023

SYLVIA GARZA-PEREZ
CAMERON COUNTY CLERK
DOC No 2023-2-1110
By _____ Deputy

Letter of Transmittal

To:	Erwin Madrid Building F, Room 2101 12100 Park 35 Circle Austin, TX 78753	**Date:**	10/23/2025
From:	Kristina Leal Halff 5000 W. Military Highway, Suite 100 McAllen, TX 78503	**Project:**	Application to Renew Permit No. WQ0004758000 CN600694988
Email:	kleal@halff.com	**AVO:**	57988.001

WE ARE SENDING YOU (☐ ATTACHED | ☐ UNDER SEPARATE COVER) THE FOLLOWING:

☐ Shop drawings ☐ Prints ☐ Plans ☐ Drawings ☐ Specifications
☐ Copy of letter ☐ Report(s) ☐ CD/DVD ☒ Other: Industrial Wastewater Permit Application

VIA: ☒ Hand Delivery ☐ US Postal Service ☐ Courier ☐ Overnight Express

THESE ARE TRANSMITTED AS CHECKED BELOW:

☒ For approval ☐ Approved as submitted ☐ Resubmit Number copies for approval
☐ For your use ☐ Approved as noted ☐ Submit Number copies for distribution
☐ As requested ☐ Returned for corrections ☐ Return Number corrected prints
☐ For review/comment ☐ Other: Click or tap here to enter text.

ITEMS SENT

- TCEQ Form 10411
- TCEQ Form 10055
- TCEQ Form 10400
- Appendix with corresponding attachments

COMMENTS

SIGNED:

COPIES:

☐ File ☐ Owner ☐ Contractor ☐ Other:

October 23, 2025
AVO 57988.001

Erwin Madrid
Applications Review and Processing Team
Water Quality Division Support Section
Wastewater Permitting, Industrial Permits
Texas Commission of Environmental Quality

Re: Application to Renew Permit No. WQ0004758000 (EPA ID No. TX00127299)
Issued to East Rio Hondo Water Supply Corporation CN600694988, RN104467287

Dear Mr. Madrid,

Halff Associates, Inc. (Halff) is pleased to submit this Industrial Wastewater Permit Application for renewal of the TPDES Permit No. WQ0004758000 (EPA ID No. TX00127299), issued on April 22, 2021, to the Texas Commission of Environmental Quality for East Rio Hondo Water Supply Corporation. Submitted with this application are: TCEQ Form 10411, TCEQ Form 10055, TCEQ Form 10400, and their corresponding attachments located in an appendix at the end.

Some laboratory testing results for Worksheet 2.0: Pollutant analysis, Item 2, Table 1, 2, and 3 are still pending, but will be submitted to you upon receipt from the laboratory under a separate submittal.

Please feel free to contact me at 956-445-5198 or via email at kleal@halff.com with any questions.

Sincerely,

HALFF

Kristina Leal, P.E., CFM
Water Resources Team Leader

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

INDUSTRIAL WASTEWATER PERMIT APPLICATION CHECKLIST

Complete and submit this checklist with the industrial wastewater permit application.

APPLICANT NAME: East Rio Hondo Water Supply Corporation

PERMIT NUMBER (If new, leave blank): WQ00 04758000

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

	Y	N		Y	N
Administrative Report 1.0	☒	☐	Worksheet 8.0	☐	☒
Administrative Report 1.1	☐	☒	Worksheet 9.0	☐	☒
SPIF	☒	☐	Worksheet 10.0	☐	☒
Core Data Form	☒	☐	Worksheet 11.0	☐	☒
Summary of Application (PLS)	☒	☐	Worksheet 11.1	☐	☒
Public Involvement Plan Form	☐	☒	Worksheet 11.2	☐	☒
Technical Report 1.0	☒	☐	Worksheet 11.3	☐	☒
Worksheet 1.0	☒	☐	Original USGS Map	☒	☐
Worksheet 2.0	☒	☐	Affected Landowners Map	☐	☒
Worksheet 3.0	☐	☒	Landowner Disk or Labels	☐	☒
Worksheet 3.1	☐	☒	Flow Diagram	☒	☐
Worksheet 3.2	☐	☒	Site Drawing	☒	☐
Worksheet 3.3	☐	☒	Original Photographs	☐	☒
Worksheet 4.0	☒	☐	Design Calculations	☐	☒
Worksheet 4.1	☐	☒	Solids Management Plan	☐	☒
Worksheet 5.0	☐	☒	Water Balance	☐	☒
Worksheet 6.0	☐	☒			
Worksheet 7.0	☐	☒			

For TCEQ Use Only

Segment Number _____County _____
Expiration Date _____Region _____
Permit Number _____

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

INDUSTRIAL WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

This report is required for all applications for TPDES permits and TLAPs, except applications for oil and gas extraction operations subject to 40 CFR Part 435. Contact the Applications Review and Processing Team at 512-239-4671 with any questions about completing this report.

Applications for oil and gas extraction operations subject to 40 CFR Part 435 must use Oil and Gas Exploration and Production Administrative Report (TCEQ Form-20893 and 20893-inst[1]).

Item 1. Application Information and Fees (Instructions, Page 26)

a. Complete each field with the requested information, if applicable.

Applicant Name: East Rio Hondo Water Supply Corporation

Permit No.: WQ0004758000

EPA ID No.: TX0127299

Expiration Date: April 21, 2026

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

☐ Industrial Wastewater (wastewater and stormwater)

☐ Industrial Stormwater (stormwater only)

☒ Reverse Osmosis Water Treatment (reverse osmosis water treatment wastewaters only)

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

☒ Active ☐ Inactive

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

☒ TPDES Permit ☐ TLAP ☐ TPDES with TLAP component

e. Check the box next to the appropriate application type.

☐ New

☐ Renewal with changes ☒ Renewal without changes

☐ Major amendment with renewal ☐ Major amendment without renewal

☐ Minor amendment without renewal

☐ Minor modification without renewal

f. If applying for an amendment or modification, describe the request: Click to enter text.

For TCEQ Use Only

Segment Number _____County _____
Expiration Date _____Region _____
Permit Number _____

[1] https://www.tceq.texas.gov/publications/search_forms.html

g. Application Fee

EPA Classification	New	Major Amend. (with or without renewal)	Renewal (with or without changes)	Minor Amend. / Minor Mod. (without renewal)
Minor facility not subject to EPA categorical effluent guidelines (40 CFR Parts 400-471)	☐ $350	☐ $350	☒ $315	☐ $150
Minor facility subject to EPA categorical effluent guidelines (40 CFR Parts 400-471)	☐ $1,250	☐ $1,250	☐ $1,215	☐ $150
Major facility	N/A [2]	☐ $2,050	☐ $2,015	☐ $450

h. Payment Information

Mailed

Check or money order No.: 7585

Check or money order amt.: $315

Named printed on check or money order: East Rio Hondo Water Supply Corp. payable to TCEQ

Epay

Voucher number: N/A.

Copy of voucher attachment: N/A.

Item 2. Applicant Information (Instructions, Pages 26)

a. Customer Number, if applicant is an existing customer: CN600694988

Note: Locate the customer number using the TCEQ's Central Registry Customer Search[3].

b. Legal name of the entity (applicant) applying for this permit: East Rio Hondo Water Supply Corporation

Note: The owner of the facility must apply for the permit. The legal name must be spelled exactly as filed with the TX SOS, Texas Comptroller of Public Accounts, County, or in the legal documents forming the entity.

c. Name and title of the person signing the application. (**Note:** The person must be an executive official that meets signatory requirements in 30 TAC § 305.44.)

Prefix: Mr. Full Name (Last/First Name): Macmanus/Brian

Title: General Manager Credential: P.E.

d. Will the applicant have overall financial responsibility for the facility?

☒ Yes ☐ No

[2] All facilities are designated as minors until formally classified as a major by EPA.

[3] https://www15.tceq.texas.gov/crpub/index.cfm?fuseaction=cust.CustSearch

Note: The entity with overall financial responsibility for the facility must apply as a co-applicant, if not the facility owner.

Item 3. Co-applicant Information (Instructions, Page 27)

☒ Check this box if there is no co-applicant.; otherwise, complete the below questions.

a. Legal name of the entity (co-applicant) applying for this permit: N/A

Note: The legal name must be spelled exactly as filed with the TX SOS, Texas Comptroller of Public Accounts, County, or in the legal documents forming the entity.

b. Customer Number (if applicant is an existing customer): CNN/A

Note: Locate the customer number using the TCEQ's Central Registry Customer Search.

c. Name and title of the person signing the application. (**Note:** The person must be an executive official that meets signatory requirements in 30 TAC § 305.44.)

Prefix: N/A Full Name (Last/First Name): N/A

Title: N/A Credential: N/A

d. Will the co-applicant have overall financial responsibility for the facility?

☐ Yes ☐ No

Note: The entity with overall financial responsibility for the facility must apply as a co-applicant, if not the facility owner.

Item 4. Core Data Form (Instructions, Pages 27)

a. Complete and attach one Core Data Form (TCEQ Form 10400) for each customer (applicant and co-applicant(s)). If the customer type selected on the Core Data Form is Individual, complete Attachment 1 of the Administrative Report. Attachment: 1 -10400 TCEQ Core Data Form

Item 5. Application Contact Information (Instructions, Page 27)

Provide names of two individuals who can be contacted about this application. Indicate if the individual can be contacted about administrative or technical information, or both.

a. ☒ Administrative Contact . ☐ Technical Contact

Prefix: Mr. Full Name (Last/First Name): Macmanus/Brian

Title: General Manager Credential: P.E.

Organization Name: East Rio Hondo Water Supply Corporation

Mailing Address: PO Box 621 City/State/Zip: Rio Hondo, TX 78583

Phone No: 956-247-7744 Email: bemacmanus@erhwsc.com

b. ☐ Administrative Contact ☒ Technical Contact

Prefix: Mr. Full Name (Last/First Name): Haydon/Eric

Title: Operations Manager Credential: Operator

Organization Name: East Rio Hondo Water Supply Corporation

Mailing Address: PO Box 621 City/State/Zip: Rio Hondo, TX 78583

Phone No: 956-247-7744 Email: elhaydon@erhwsc.com

Attachment: N/A

Item 6. Permit Contact Information (Instructions, Page 28)

Provide two names of individuals that can be contacted throughout the permit term.

a. Prefix: Mr. Full Name (Last/First Name): Macmanus/Brian

Title: General Manager Credential: P.E.

Organization Name: East Rio Hondo Water Supply Corporation

Mailing Address: PO Box 621 City/State/Zip: Rio Hondo, TX 78583

Phone No: 956-247-7744 Email: bemacmanus@erhwsc.com

b. Prefix: Mr. Full Name (Last/First Name): Middleton/Robert

Title: President of the Board Credential: N/A

Organization Name: East Rio Hondo Water Supply Corporation

Mailing Address: PO Box 621 City/State/Zip: Rio Hondo, TX 78583

Phone No: 956-748-3633 Email: board@erhwsc.com

Attachment: N/A

Item 7. Billing Contact Information (Instructions, Page 28)

The permittee is responsible for paying the annual fee. The annual fee will be assessed for 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 (form TCEQ-20029).

Provide the complete mailing address where the annual fee invoice should be mailed and the name and phone number of the permittee's representative responsible for payment of the invoice.

Prefix: Mr. Full Name (Last/First Name): Macmanus/Brian

Title: General Manager Credential: P.E.

Organization Name: East Rio Hondo Water Supply Corporation

Mailing Address: PO Box 621 City/State/Zip: Rio Hondo, TX 78583

Phone No: 956-247-7744 Email: bemacmanus@erhwsc.com

Item 8. DMR/MER Contact Information (Instructions, Page 28)

Provide the name and mailing address of the person delegated to receive and submit DMRs or MERs. **Note:** DMR data must be submitted through the NetDMR system. An electronic reporting account can be established once the facility has obtained the permit number.

Prefix: Mr. Full Name (Last/First Name): Garcia/Joel

Title: Plant Operations Credential: N/A

Organization Name: East Rio Hondo Water Supply Corporation

Mailing Address: PO Box 621 City/State/Zip: Rio Hondo, TX 78583

Phone No: 956-247-7745 Email: jvgarcia@erhwsc.com

Item 9. Notice Information (Instructions, Pages 28)

a. Individual Publishing the Notices

Prefix: Mr. Full Name (Last/First Name): Garcia/Joel

Title: Plant Operations Credential: N/A

Organization Name: East Rio Hondo Water Supply Corporation

Mailing Address: PO Box 621 City/State/Zip: Rio Hondo, TX 78583

Phone No: 956-247-7745 Email: jvgarcia@erhwsc.com

b. Method for Receiving Notice of Receipt and Intent to Obtain a Water Quality Permit Package (only for NORI, NAPD will be sent via regular mail)

☒ E-mail: jvgarcia@erhwsc.com

☐ Fax: Click to enter text.

☐ Regular Mail (USPS)

Mailing Address: Click to enter text.

City/State/Zip Code: Click to enter text.

c. Contact in the Notice

Prefix: Mr. Full Name (Last/First Name): Macmanus/Brian

Title: General Manager Credential: P.E.

Organization Name: East Rio Hondo Water Supply Corporation

Phone No: 956-247-7744 Email: bemacmanus@erhwsc.com

d. Public Viewing Location Information

Note: If the facility or outfall is located in more than one county, provide a public viewing place for each county.

Public building name: ERHWSC Location within the building: Front Desk

Physical Address of Building: 206 Industrial Pkwy

City: Rio Hondo County: Cameron

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.

Call the bilingual/ESL coordinator at the nearest elementary and middle schools and obtain the following information to determine if an alternative language notice(s) is 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 Item 8 (Regulated Entity and Permitted Site Information.)

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 ☐ N/A

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? N/A

f. Summary of Application in Plain Language Template – Complete and attach the Summary of Application in Plain Language Template (TCEQ Form 20972), also known as the plain language summary or PLS. Attachment: TCEQ 20972 PLS

g. Complete and attach one Public Involvement Plan (PIP) Form (TCEQ Form 20960) for each application for a new permit or major amendment. Attachment: N/A

Item 10. Regulated Entity and Permitted Site Information (Instructions Page 29)

a. TCEQ issued Regulated Entity Number (RN), if available: RN104467287

   Note: If your business site is part of a larger business site, a Regulated Entity Number (RN) may already be assigned for the larger site. Use the RN assigned for the larger site. Search the TCEQ's Central Registry to determine the RN or to see if the larger site may already be registered as a Regulated Entity. If the site is found, provide the assigned RN.

b. Name of project or site (name known by the community where located): North Cameron Regional Water Treatment Plant

c. Is the location address of the facility in the existing permit the same?

   ☒ Yes ☐ No ☐ N/A (new permit)

   Note: If the facility is located in Bexar, Comal, Hays, Kinney, Medina, Travis, Uvalde, or Williamson County, additional information concerning protection of the Edwards Aquifer may be required.

d. Owner of treatment facility:

   Prefix: N/A Full Name (Last/First Name): N/A

   or Organization Name: East Rio Hondo Water Supply Corporation

   Mailing Address: PO Box 621 City/State/Zip: Rio Hondo, TX, 78583

   Phone No: 956-247-7744 Email: bemacmanus@erhwsc.com

e. Ownership of facility: ☐ Public ☒ Private ☐ Both ☐ Federal

f. Owner of land where treatment facility is or will be: N/A

   Prefix: N/A Full Name (Last/First Name): N/A

or Organization Name: North Alamo Water Supply Corporation, East Rio Hondo Water Supply Corporation, and City of Primera

Mailing Address: PO Box 621 City/State/Zip: Rio Hondo, TX, 78583

Phone No: 956-247-7744 Email: bemacmanus@erhwsc.com

Note: If not the same as the facility owner, attach a long-term lease agreement in effect for at least six years (In some cases, a lease may not suffice - see instructions). Attachment: N/A

g. Owner of effluent TLAP disposal site (if applicable): N/A

Prefix: N/A Full Name (Last/First Name): N/A

or Organization Name: N/A

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

Phone No: N/A Email: N/A

Note: If not the same as the facility owner, attach a long-term lease agreement in effect for at least six years. Attachment: N/A

h. Owner of sewage sludge disposal site (if applicable):

Prefix: N/A Full Name (Last/First Name): N/A

or Organization Name: N/A

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

Phone No: N/A Email: N/A

Note: If not the same as the facility owner, attach a long-term lease agreement in effect for at least six years. Attachment: N/A

Item 11. TDPES Discharge/TLAP Disposal Information (Instructions, Page 31)

a. Is the facility located on or does the treated effluent cross Native American Land?

☐ Yes ☒ No

b. Attach an original full size USGS Topographic Map (or an 8.5"×11" reproduced portion for renewal or amendment applications) with all required information. Check the box next to each item below to confirm it has been included on the map.

☒ One-mile radius
☒ Applicant's property boundaries
☒ Labeled point(s) of discharge
☐ Effluent disposal site boundaries
☐ Sewage sludge disposal site
☒ Three-miles downstream information
☒ Treatment facility boundaries
☐ Highlighted discharge route(s)
☐ All wastewater ponds
☐ New and future construction

Attachment: USGS_75MinuteTopo

c. Is the location of the sewage sludge disposal site in the existing permit accurate?

☒ Yes ☐ No or New Permit

If no, or a new application, provide an accurate location description: N/A

d. Are the point(s) of discharge in the existing permit correct?

☒ Yes ☐ No or New Permit

If no, or a new application, provide an accurate location description: N/A

e. Are the discharge route(s) in the existing permit correct?

☒ Yes ☐ No or New Permit

If no, or a new permit, provide an accurate description of the discharge route: N/A

f. City nearest the outfall(s): Harlingen

g. County in which the outfalls(s) is/are located: Cameron

h. 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, attach copies of letters that show proof of contact and provide the approval letter upon receipt. Attachment: N/A

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

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

☐ Yes No or New Permit ☒ N/A

If no, or a new application, provide an accurate location description: N/A

j. City nearest the disposal site: N/A

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

l. For TLAPs, describe how effluent is/will be routed from the treatment facility to the disposal site: N/A

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

Item 12. Miscellaneous Information (Instructions, Page 33)

a. 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: N/A

b. Do you owe any fees to the TCEQ?

☐ Yes ☒ No

If yes, provide the following information:

Account no.: Click to enter text.

Total amount due: Click to enter text.

c. Do you owe any penalties to the TCEQ?

☐ Yes ☒ No

If yes, provide the following information:

Enforcement order no.: Click to enter text.

Amount due: Click to enter text.

Item 13. Signature Page (Instructions, Page 33)

Permit No: WQ0004758000

Applicant Name: North Cameron Regional Water Supply Corporation

Certification: I, East Rio Hondo Water Supply Corporation, 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): Brian Macmanus

Signatory title: General Manager

Signature: Brian E. Macmanus (Use blue ink) Date: 10-22-2025

Subscribed and Sworn to before me by the said Brian E. Macmanus

on this 22nd day of October, 2025.

My commission expires on the 11th day of March, 2026.

Amanda M Sanchez

Notary Public

[SEAL]

AMANDA M. SANCHEZ
Notary Public, State of Texas
Comm. Expires 03-11-2026
Notary ID 128203889

Cameron

County, Texas

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

INDUSTRIAL 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: TCEQ_20971 SPIF

INDUSTRIAL WASTEWATER PERMIT APPLICATION CHECKLIST OF COMMON DEFICIENCIES

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

☒ Core Data Form (TCEQ Form No. 10400)
(Required for all applications 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
(TCEQ Form Nos. 10055 and 10411. Version dated 5/10/2019 or later.)

☒ Water Quality Permit Payment Submittal Form (Page 14)
(Original payment sent to TCEQ Revenue Section. See instructions for mailing address.)

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

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

☒ N/A ☐ Landowners Map
(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.

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

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

☒ Original signature per 30 TAC § 305.44 – Blue Ink Preferred
(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)

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

INDUSTRIAL WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.0

The following information **is required** for all applications for a TLAP or an individual TPDES discharge permit.

For **additional information** or clarification on the requested information, please refer to the Instructions for Completing the Industrial Wastewater Permit Application[1] available on the TCEQ website. Please contact the Industrial Permits Team at 512-239-4671 with any questions about this form.

If more than one outfall is included in the application, provide applicable information for each individual outfall. **If an item does not apply to the facility, enter N/A** to indicate that the item has been considered. Include separate reports or additional sheets as **clearly cross-referenced attachments** and provide the attachment number in the space provided for the item the attachment addresses.

NOTE: This application is for an industrial wastewater permit only. Additional authorizations from the TCEQ Waste Permits Division or the TCEQ Air Permits Division may be needed.

Item 1. Facility/Site Information (Instructions, Page 39)

a. Describe the general nature of the business and type(s) of industrial and commercial activities. Include all applicable SIC codes (up to 4).

The business is a treatment facility (plant) that cleans raw water to produce potable water supply. Industrial activities include NAICS 221310 – Water Supply and Irrigation Systems and SIC 4941 – Water Supply.

b. Describe all wastewater-generating processes at the facility.

Wastewater is produced from the following processes at the facility: cleaning-in-place (CIP) water used to clean the reverse osmosis filters and reverse osmosis concentrate discharge stream. No changes or modifications are proposed to the process at this time.

[1] https://www.tceq.texas.gov/permitting/wastewater/industrial/TPDES_industrial_wastewater_steps.html

c. Provide a list of raw materials, major intermediates, and final products handled at the facility.

Materials List

Raw Materials	Intermediate Products	Final Products
Groundwater	Treated Groundwater	Membrane wash water (CIP)
Cleaning in Place (CIP) chemicals		Concentrate Wastewater

Attachment: Treatment Chemical List.pdf

d. Attach a facility map (drawn to scale) with the following information:

- Production areas, maintenance areas, materials-handling areas, waste-disposal areas, and water intake structures.
- The location of each unit of the WWTP including the location of wastewater collection sumps, impoundments, outfalls, and sampling points, if significantly different from outfall locations.

Attachment: **4-**Facility Map.

e. Is this a new permit application for an existing facility?

☐ Yes ☒ No

If **yes**, provide background discussion: N/A

f. Is/will the treatment facility/disposal site be located above the 100-year frequency flood level.

☒ Yes ☐ No

List source(s) used to determine 100-year frequency flood plain:
FEMA_FIRMETTE_48061C0100F.png

If **no**, provide the elevation of the 100-year frequency flood plain and describe what protective measures are used/proposed to prevent flooding (including tail water and rainfall run-on controls) of the treatment facility and disposal area: Click to enter text.

Attachment: Click to enter text.

g. For **new** or **major amendment** permit applications, will any construction operations result in a discharge of fill material into a water in the state?

☐ Yes ☐ No ☒ N/A (renewal only)

h. If **yes** to Item 1.g, has the applicant applied for a USACE CWA Chapter 404 Dredge and Fill permit?

☐ Yes ☐ No

If **yes**, provide the permit number: N/A

If **no**, provide an approximate date of application submittal to the USACE: N/A

Item 2. Treatment System (Instructions, Page 40)

a. List any physical, chemical, or biological treatment process(es) used/proposed to treat wastewater at this facility. Include a description of each treatment process, starting with initial treatment and finishing with the outfall/point of disposal.

The Cleaning in Place process mixes chemicals to clean water to descale the reverse osmosis membranes. This closed process flushes the membrane with the clean water and chemical mixture and then rinses the membranes with more clean water. Once the cleaning process is done, the wastewater is drained and sent to the outfall channel. The Concentrate wastewater is the water and impurities that have been filtered out of the water stream (blocked by the reverse osmosis membranes). These are directed to the same drain that the CIP wastewater uses to outfall at the drainage ditch channel.

b. Attach a flow schematic **with a water balance** showing all sources of water and wastewater flow into the facility, wastewater flow into and from each treatment unit, and wastewater flow to each outfall/point of disposal.

Attachment: Flow_Schematic.pdf

Item 3. Impoundments (Instructions, Page 40)

Does the facility use or plan to use any wastewater impoundments (e.g., lagoons or ponds?)

☐ Yes ☒ No

If **no**, proceed to Item 4. If **yes**, complete **Item 3.a** for **existing** impoundments and **Items 3.a - 3.e** for **new or proposed** impoundments. **NOTE:** See instructions, Pages 40-42, for additional information on the attachments required by Items 3.a – 3.e.

a. Complete the table with the following information for each existing, new, or proposed impoundment. Attach additional copies of the Impoundment Information table, if needed.

Use Designation: Indicate the use designation for each impoundment as Treatment (**T**), Disposal (**D**), Containment (**C**), or Evaporation (**E**).

Associated Outfall Number: Provide an outfall number if a discharge occurs or will occur.

Liner Type: Indicate the liner type as Compacted clay liner (**C**), In-situ clay liner (**I**), Synthetic/plastic/rubber liner (**S**), or Alternate liner (**A**). **NOTE:** See instructions for further detail on liner specifications. If an alternate liner (A) is selected, include an attachment that provides a description of the alternate liner and any additional technical information necessary for an evaluation.

Leak Detection System: If any leak detection systems are in place/planned, enter **Y** for yes. Otherwise, enter **N** for no.

Groundwater Monitoring Wells and Data: If groundwater monitoring wells are in place/planned, enter **Y** for yes. Otherwise, enter **N** for no. Attach any existing groundwater monitoring data.

Dimensions: Provide the dimensions, freeboard, surface area, storage capacity of the impoundments, and the maximum depth (not including freeboard). For impoundments with irregular shapes, submit surface area instead of length and width.

Compliance with 40 CFR Part 257, Subpart D: If the impoundment is required to be in compliance with 40 CFR Part 257, Subpart D, enter **Y** for yes. Otherwise, enter **N** for no.

Date of Construction: Enter the date construction of the impoundment commenced (mm/dd/yy).

Impoundment Information

Parameter	**Pond #**	**Pond #**	**Pond #**	**Pond #**
Use Designation: (T) (D) (C) or (E)				
Associated Outfall Number				
Liner Type (C) (I) (S) or (A)				
Alt. Liner Attachment Reference				
Leak Detection System, Y/N				
Groundwater Monitoring Wells, Y/N				
Groundwater Monitoring Data Attachment				
Pond Bottom Located Above The Seasonal High-Water Table, Y/N				
Length (ft)				
Width (ft)				
Max Depth From Water Surface (ft), Not Including Freeboard				
Freeboard (ft)				
Surface Area (acres)				
Storage Capacity (gallons)				
40 CFR Part 257, Subpart D, Y/N				
Date of Construction				

Attachment: N/A

The following information (**Items 3.b – 3.e**) is required only for **new or proposed** impoundments.

b. For new or proposed impoundments, attach any available information on the following items. If attached, check **yes** in the appropriate box. Otherwise, check **no** or **not yet designed**.

1. Liner data

☐ Yes ☐ No ☐ Not yet designed

2. Leak detection system or groundwater monitoring data

   ☐ Yes ☐ No ☐ Not yet designed

3. Groundwater impacts

   ☐ Yes ☐ No ☐ Not yet designed

   NOTE: Item b.3 is required if the bottom of the pond is not above the seasonal high-water table in the shallowest water-bearing zone.

Attachment: N/A

For TLAP applications: Items 3.c – 3.e are **not required**, continue to Item 4.

c. Attach a USGS map or a color copy of original quality and scale which accurately locates and identifies all known water supply wells and monitor wells within ½-mile of the impoundments.

Attachment: N/A

d. Attach copies of State Water Well Reports (e.g., driller's logs, completion data, etc.), and data on depths to groundwater for all known water supply wells including a description of how the depths to groundwater were obtained.

Attachment: N/A

e. Attach information pertaining to the groundwater, soils, geology, pond liner, etc. used to assess the potential for migration of wastes from the impoundments or the potential for contamination of groundwater or surface water.

Attachment: N/A

Item 4. Outfall/Disposal Method Information (Instructions, Page 42)

Complete the following tables to describe the location and wastewater discharge or disposal operations for each outfall for discharge, and for each point of disposal for TLAP operations.

If there are more outfalls/points of disposal at the facility than the spaces provided, copies of pages 6 and/0r numbered accordingly (i.e., page 6a, 6b, etc.) may be used to provide information on the additional outfalls.

For TLAP applications: Indicate the disposal method and each individual irrigation area **I**, evaporation pond **E**, or subsurface drainage system **S** by providing the appropriate letter designation for the disposal method followed by a numerical designation for each disposal area in the space provided for **Outfall** number (e.g. **E1** for evaporation pond 1, **I2** for irrigation area No. 2, etc.).

Outfall Longitude and Latitude

Outfall No.	Latitude (Decimal Degrees)	Longitude (Decimal Degrees)
001	26.248700	-97.782594

Outfall Location Description

Outfall No.	Location Description
001	The outfall structure that is located on the east bank of the drainage ditch which runs north and south along the western property boundary. Outfall

Outfall No.	Location Description
	structure is approximately 100 feet north of SH 107, and west of the elevated irrigation canal.

Description of Sampling Point(s) (if different from Outfall location)

Outfall No.	Description of sampling point
001	The sampling point is in the outfall structure in the ditch, west of the plant.

Outfall Flow Information – Permitted and Proposed

Outfall No.	Permitted Daily Avg Flow (MGD)	Permitted Daily Max Flow (MGD)	Proposed Daily Avg Flow (MGD)	Proposed Daily Max Flow (MGD)	Anticipated Discharge Date (mm/dd/yy)
001	2.0	Report	0.563	0.648	ongoing

Outfall Discharge – Method and Measurement

Outfall No.	Pumped Discharge? Y/N	Gravity Discharge? Y/N	Type of Flow Measurement Device Used
001	N	Y	

Outfall Discharge – Flow Characteristics

Outfall No.	Intermittent Discharge? Y/N	Continuous Discharge? Y/N	Seasonal Discharge? Y/N	Discharge Duration (hrs/day)	Discharge Duration (days/mo)	Discharge Duration (mo/yr)
001	N	Y	N	24	30	12

Outfall Wastestream Contributions

Outfall No. 001

Contributing Wastestream	Volume (MGD)	Percent (%) of Total Flow
CIP (Membrane wash) water 1 x year	0.001	0.01
Concentrate stream	0.648	99.99

Attachment: Flow diagram.pdf

Item 5. Blowdown and Once-Through Cooling Water Discharges (Instructions, Page 43)

a. Indicate if the facility currently or proposes to:

☐ Yes ☒ No Use cooling towers that discharge blowdown or other wastestreams

☐ Yes ☒ No Use boilers that discharge blowdown or other wastestreams

☐ Yes ☒ No Discharge once-through cooling water

NOTE: If the facility uses or plans to use cooling towers or once-through cooling water, Item 12 **is required**.

b. If **yes** to any of the above, attach an SDS with the following information for each chemical additive.

- Manufacturers Product Identification Number
- Product use (e.g., biocide, fungicide, corrosion inhibitor, etc.)
- Chemical composition including CASRN for each ingredient
- Classify product as non-persistent, persistent, or bioaccumulative
- Product or active ingredient half-life
- Frequency of product use (e.g., 2 hours/day once every two weeks)
- Product toxicity data specific to fish and aquatic invertebrate organisms
- Concentration of whole product or active ingredient, as appropriate, in wastestream.

In addition to each SDS, attach a summary of the above information for each specific wastestream and the associated chemical additives. Specify which outfalls are affected.

Attachment: N/A

c. Cooling Towers and Boilers

If the facility currently or proposes to use cooling towers or boilers that discharge blowdown or other wastestreams to the outfall(s), complete the following table.

Cooling Towers and Boilers

Type of Unit	Number of Units	Daily Avg Blowdown (gallons/day)	Daily Max Blowdown (gallons/day)
Cooling Towers			
Boilers			

Item 6. Stormwater Management (Instructions, Page 44)

Will any existing/proposed outfalls discharge stormwater associated with industrial activities, as defined at *40 CFR § 122.26(b)(14)*, commingled with any other wastestream?

☐ Yes ☒ No

If **yes**, briefly describe the industrial processes and activities that occur outdoors or in a manner which may result in exposure of the activities or materials to stormwater: N/A

Item 7. Domestic Sewage, Sewage Sludge, and Septage Management and Disposal (Instructions, Page 44)

Domestic Sewage - Waste and wastewater from humans or household operations that is discharged to a wastewater collection system or otherwise enters a treatment works.

a. Check the box next to the appropriate method of domestic sewage and domestic sewage sludge treatment or disposal. Complete Worksheet 5.0 or Item 7.b if directed to do so.

☐ Domestic sewage is routed (i.e., connected to or transported to) to a WWTP permitted to receive domestic sewage for treatment, disposal, or both. Complete Item 7.b.

☒ Domestic sewage disposed of by an on-site septic tank and drainfield system. Complete Item 7.b.

☐ Domestic and industrial treatment sludge ARE commingled prior to use or disposal.

☐ Industrial wastewater and domestic sewage are treated separately, and the respective sludge IS NOT commingled prior to sludge use or disposal. Complete Worksheet 5.0.

☐ Facility is a POTW. Complete Worksheet 5.0.

☐ Domestic sewage is not generated on-site.

☐ Other (e.g., portable toilets), specify and Complete Item 7.b: Click to enter text.

b. Provide the name and TCEQ, NPDES, or TPDES Permit No. of the waste-disposal facility which receives the domestic sewage/septage. If hauled by motorized vehicle, provide the name and TCEQ Registration No. of the hauler.

Domestic Sewage Plant/Hauler Name

Plant/Hauler Name	Permit/Registration No.

Item 8. Improvements or Compliance/Enforcement Requirements (Instructions, Page 45)

a. Is the permittee currently required to meet any implementation schedule for compliance or enforcement?

☐ Yes ☒ No

b. Has the permittee completed or planned for any improvements or construction projects?

☒ Yes ☐ No

c. If **yes** to either 8.a **or** 8.b, provide a brief summary of the requirements and a status update: An expansion of the treatment facility is in the planning phase. A major amendment will be submitted once the preliminary design is complete.

Item 9. Toxicity Testing (Instructions, Page 45)

Have any biological tests for acute or chronic toxicity been made on any of the discharges or on a receiving water in relation to the discharge within the last three years?

☐ Yes ☒ No

If **yes**, identify the tests and describe their purposes: N/A

Additionally, attach a copy of all tests performed which **have not** been submitted to the TCEQ or EPA. **Attachment:** N/A

Item 10. Off-Site/Third Party Wastes (Instructions, Page 45)

a. Does or will the facility receive wastes from off-site sources for treatment at the facility, disposal on-site via land application, or discharge via a permitted outfall?

☐ Yes ☒ No

If **yes**, provide responses to Items 10.b through 10.d below.

If **no**, proceed to Item 11.

b. Attach the following information to the application:

- List of wastes received (including volumes, characterization, and capability with on-site wastes).
- Identify the sources of wastes received (including the legal name and addresses of the generators).
- Description of the relationship of waste source(s) with the facility's activities.

Attachment: N/A

c. Is or will wastewater from another TCEQ, NPDES, or TPDES permitted facility commingled with this facility's wastewater after final treatment and prior to discharge via the final outfall/point of disposal?

☐ Yes ☐ No

If **yes**, provide the name, address, and TCEQ, NPDES, or TPDES permit number of the contributing facility and a copy of any agreements or contracts relating to this activity.

Attachment: N/A

d. Is this facility a POTW that accepts/will accept process wastewater from any SIU and has/is required to have an approved pretreatment program under the NPDES/TPDES program?

☐ Yes ☐ No

If **yes**, **Worksheet 6.0** of this application **is required**.

Item 11. Radioactive Materials (Instructions, Page 46)

a. Are/will radioactive materials be mined, used, stored, or processed at this facility?

☐ Yes ☒ No

If **yes**, use the following table to provide the results of one analysis of the effluent for all radioactive materials that may be present. Provide results in pCi/L.

Radioactive Materials Mined, Used, Stored, or Processed

Radioactive Material Name	Concentration (pCi/L)

b. Does the applicant or anyone at the facility have any knowledge or reason to believe that radioactive materials may be present in the discharge, including naturally occurring radioactive materials in the source waters or on the facility property?

☐ Yes ☒ No

If **yes**, use the following table to provide the results of one analysis of the effluent for all radioactive materials that may be present. Provide results in pCi/L. Do not include information provided in response to Item 11.a.

Radioactive Materials Present in the Discharge

Radioactive Material Name	Concentration (pCi/L)

Item 12. Cooling Water (Instructions, Page 46)

a. Does the facility use or propose to use water for cooling purposes?

☐ Yes

☒ No

☐ Decommissioned: N/A

☐ To Be Decommissioned: N/A

If **yes**, complete Items 12.b thru 12.f. If **no**, stop here.

If **decommissioned**, provide the date operation ceased and stop here.

If to **be decommissioned**, provide the date operation is anticipated to cease and stop here.

b. Cooling water is/will be obtained from a groundwater source (e.g., on-site well).

☐ Yes ☐ No

If **yes**, stop here. If **no**, continue.

c. Cooling Water Supplier

1. Provide the name of the owner(s) and operator(s) for the CWIS that supplies or will supply water for cooling purposes to the facility.

Cooling Water Intake Structure(s) Owner(s) and Operator(s)

CWIS ID				
Owner				
Operator				

2. Cooling water is/will be obtained from a Public Water Supplier (PWS)

☐ No ☐ Yes; PWS No.: N/A

If **no**, continue. If **yes**, provide the PWS Registration No. and stop here.

3. Cooling water is/will be obtained from a reclaimed water source?

☐ No ☐ Yes; Auth No.: N/A

If **no**, continue. If **yes**, provide the Reuse Authorization No. and stop here.

4. Cooling water is/will be obtained from an Independent Supplier

☐ No ☐ Yes; AIF: N/A

If **no**, proceed to Item 12.d. If **yes**, provide the actual intake flow of the Independent Supplier's CWIS that is/will be used to provide water for cooling purposes and proceed.

d. 316(b) General Criteria

1. The CWIS(s) used to provide water for cooling purposes to the facility has or will have a cumulative design intake flow of 2 MGD or greater.

☐ Yes ☐ No

2. At least 25% of the total water withdrawn by the CWIS(s) is/will be used at the facility exclusively for cooling purposes on an annual average basis.

☐ Yes ☐ No

3. The CWIS(s) withdraw(s)/propose(s) to withdraw water for cooling purposes from surface waters that meet the definition of Waters of the United States in *40 CFR § 122.2*.

☐ Yes ☐ No. Explanation: N/A

If **no**, provide an explanation of how the waterbody does not meet the definition of Waters of the United States in *40 CFR § 122.2*.

If **yes** to all three questions in Item 12.d, the facility **meets** the minimum criteria to be subject to the full requirements of Section 316(b) of the CWA. Proceed to **Item 12.f**.

If **no** to any of the questions in Item 12.d, the facility **does not meet** the minimum criteria to be subject to the full requirements of Section 316(b) of the CWA; however, a determination is required based upon BPJ. Proceed to **Item 12.e**.

e. The facility does not meet the minimum requirements to be subject to the fill requirements of Section 316(b) **and uses**/proposes **to use cooling towers**.

☐ Yes ☐ No

If **yes**, stop here. If **no**, complete Worksheet 11.0, Items 1.a, 1.b.1-3 and 6, 2.b.1, and 3.a to allow for a determination based upon BPJ.

f. Oil and Gas Exploration and Production

1. The facility is subject to requirements at 40 CFR Part 435, Subparts A or D.

☐ Yes ☐ No

If **yes**, continue. If **no**, skip to Item 12.g.

2. The facility is an existing facility as defined at 40 CFR § 125.92(k) or a new unit at an existing facility as defined at 40 CFR § 125.92(u).

☐ Yes ☐ No

If **yes**, complete Worksheet 11.0, Items 1.a, 1.b.1-3 and 6, 2.b.1, and 3.a to allow for a determination based upon BPJ. If **no**, skip to Item 12.g.3.

g. Compliance Phase and Track Selection

1. Phase I – New facility subject to 40 CFR Part 125, Subpart I

☐ Yes ☐ No

If **yes**, check the box next to the compliance track selection, attach the requested information, and complete Worksheet 11.0, Items 2 and 3, and Worksheet 11.2.

☐ Track I – AIF greater than 2 MGD, but less than 10 MGD

- Attach information required by *40 CFR §§ 125.86(b)(2)-(4)*.

☐ Track I – AIF greater than 10 MGD

- Attach information required by *40 CFR § 125.86(b)*.

☐ Track II

- Attach information required by *40 CFR § 125.86(c)*.

Attachment: N/A

2. Phase II – Existing facility subject to 40 CFR Part 125, Subpart J

☐ Yes ☐ No

If **yes**, complete Worksheets 11.0 through 11.3, as applicable.

3. Phase III – New facility subject to 40 CFR Part 125, Subpart N

☐ Yes ☐ No

If **yes**, check the box next to the compliance track selection and provide the requested information.

☐ Track I – Fixed facility

- Attach information required by 40 CFR § 125.136(b) and complete Worksheet 11.0, Items 2 and 3, and Worksheet 11.2.

☐ Track I – Not a fixed facility

- Attach information required by 40 CFR § 125.136(b) and complete Worksheet 11.0, Item 2 (except CWIS latitude/longitude under Item 2.a).

☐ Track II – Fixed facility

- Attach information required by 40 CFR § 125.136(c) and complete Worksheet 11.0, Items 2 and 3.

Attachment: N/A

Item 13. Permit Change Requests (Instructions, Page 48)

This item is only applicable to existing permitted facilities.

a. Is the facility requesting a **major amendment** of an existing permit?

☐ Yes ☒ No

If **yes**, list each request individually and provide the following information: 1) detailed information regarding the scope of each request and 2) a justification for each request. Attach any supplemental information or additional data to support each request.

N/A

b. Is the facility requesting any **minor amendments** to the permit?

☐ Yes ☒ No

If **yes**, list and describe each change individually.

N/A

c. Is the facility requesting any **minor modifications** to the permit?

☐ Yes ☒ No

If **yes**, list and describe each change individually.

N/A

Item 14. Laboratory Accreditation (Instructions, Page 49)

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: Brian Macmanus

Title: General Manager

Signature: Brian E. Macmanus

Date: 10/22/2025

INDUSTRIAL WASTEWATER PERMIT APPLICATION WORKSHEET 1.0: EPA CATEGORICAL EFFLUENT GUIDELINES

This worksheet **is required** for all applications for TPDES permits for discharges of wastewaters subject to EPA categorical effluent limitation guidelines (ELGs).

Item 1. Categorical Industries (Instructions, Page 53)

Is this facility subject to any 40 CFR categorical ELGs outlined on page 53 of the instructions?

☐ Yes ☒ No

If **no**, this worksheet is not required. If **yes**, provide the appropriate information below.

40 CFR Effluent Guideline

Industry	40 CFR Part

Item 2. Production/Process Data (Instructions, Page 54)

NOTE: For all TPDES permit applications requesting individual permit coverage for discharges of oil and gas exploration and production wastewater (discharges into or adjacent to water in the state, falling under the Oil and Gas Extraction Effluent Guidelines – 40 CFR Part 435), see Worksheet 12.0, Item 2 instead.

a. Production Data

Provide appropriate data for effluent guidelines with production-based effluent limitations.

Production Data

Subcategory	Actual Quantity/Day	Design Quantity/Day	Units

b. Organic Chemicals, Plastics, and Synthetic Fibers Manufacturing Data (40 CFR Part 414)

Provide each applicable subpart and the percent of total production. Provide data for metal-bearing and cyanide-bearing wastestreams, as required by *40 CFR Part 414, Appendices A and B*.

Percentage of Total Production

Subcategory	Percent of Total Production	Appendix A and B - Metals	Appendix A - Cyanide

c. Refineries (40 CFR Part 419)

Provide the applicable subcategory and a brief justification.

N/A

Item 3. Process/Non-Process Wastewater Flows (Instructions, Page 54)

Provide a breakdown of wastewater flow(s) generated by the facility, including both process and non-process wastewater flow(s). Specify which wastewater flows are to be authorized for discharge under this permit and the disposal practices for wastewater flows, excluding domestic, which are not to be authorized for discharge under this permit.

N/A

Item 4. New Source Determination (Instructions, Page 54)

Provide a list of all wastewater-generating processes subject to EPA categorical ELGs, identify the appropriate guideline Part and Subpart, and provide the date the process/construction commenced.

Wastewater Generating Processes Subject to Effluent Guidelines

Process	EPA Guideline Part	EPA Guideline Subpart	Date Process/ Construction Commenced

INDUSTRIAL WASTEWATER PERMIT APPLICATION WORKSHEET 2.0: POLLUTANT ANALYSIS

Worksheet 2.0 **is required** for all applications submitted for a TPDES permit. Worksheet 2.0 is not required for applications for a permit to dispose of all wastewater by land disposal or for discharges solely of stormwater associated with industrial activities.

Item 1. General Testing Requirements (Instructions, Page 55)

a. Provide the date range of all sampling events conducted to obtain the analytical data submitted with this application (e.g., 05/01/2018-05/30/2018): 08/20/2025-10/24/2025

b. ☒ Check the box to confirm all samples were collected no more than 12 months prior to the date of application submittal.

c. Read the general testing requirements in the instructions for important information about sampling, test methods, and MALs. If a contact laboratory was used, attach a list which includes the name, contact information, and pollutants analyzed for each laboratory/firm. **Attachment:** SATL Worksheet 2.0 Pollutant Analysis

Item 2. Specific Testing Requirements (Instructions, Page 56)

Attach correspondence from TCEQ approving submittal of less than the required number of samples, if applicable. **Attachment:** N/A

TABLE 1 and TABLE 2 (Instructions, Page 58)

Completion of Tables 1 and 2 is required for all external outfalls for all TPDES permit applications.

Table 1 for Outfall No.: 001 **Samples are (check one):** ☒ **Composite** ☐ **Grab**

Pollutant	Sample 1 (mg/L)	Sample 2 (mg/L)	Sample 3 (mg/L)	Sample 4 (mg/L)
BOD (5-day)		<2.00		<2.00
CBOD (5-day)		<2.00		<2.00
Chemical oxygen demand		48.0		50.0
Total organic carbon				
Dissolved oxygen		7.84		8.41
Ammonia nitrogen				
Total suspended solids		6.00		12.6
Nitrate nitrogen				<0.100
Total organic nitrogen				
Total phosphorus		0.487		0.603
Oil and grease	<4.75			
Total residual chlorine				

Pollutant	Sample 1 (mg/L)	Sample 2 (mg/L)	Sample 3 (mg/L)	Sample 4 (mg/L)
Total dissolved solids		12000		12200
Sulfate		3190		3340
Chloride		3780		3970
Fluoride		2.51		2.55
Total alkalinity (mg/L as CaCO3)				
Temperature (˚F)				
pH (standard units)				

Table 2 for Outfall No.: 001 **Samples are (check one):** ☒ **Composite** ☐ **Grab**

Pollutant	Sample 1 (µg/L)	Sample 2 (µg/L)	Sample 3 (µg/L)	Sample 4 (µg/L)	MAL (µg/L)
Aluminum, total	293				2.5
Antimony, total	<5				5
Arsenic, total	6				0.5
Barium, total	54				3
Beryllium, total	<0.5				0.5
Cadmium, total	<1				1
Chromium, total	<3				3
Chromium, hexavalent	<3				3
Chromium, trivalent	<3				N/A
Copper, total	5				2
Cyanide, available	<2				2/10
Lead, total	<0.5				0.5
Mercury, total	<0.005				0.005/0.0005
Nickel, total	13				2
Selenium, total	41				5
Silver, total	<0.5				0.5
Thallium, total	<0.5				0.5
Zinc, total	103				5.0

TABLE 3 (Instructions, Page 58)

Completion of Table 3 **is required** for all **external outfalls** which discharge process wastewater.

Partial completion of Table 3 **is required** for all **external outfalls** which discharge non-process wastewater and stormwater associated with industrial activities commingled with other wastestreams (see instructions for additional guidance).

Table 3 for Outfall No.: 001 **Samples are (check one):** ☒ **Composite** ☐ **Grab**

Pollutant	**Sample 1 (µg/L)***	**Sample 2 (µg/L)***	**Sample 3 (µg/L)***	**Sample 4 (µg/L)***	**MAL (µg/L)***
Acrylonitrile	<50				50
Anthracene	<10				10
Benzene	<10				10
Benzidine	<50				50
Benzo(a)anthracene	<5				5
Benzo(a)pyrene	<5				5
Bis(2-chloroethyl)ether	<10				10
Bis(2-ethylhexyl)phthalate	<10				10
Bromodichloromethane [Dichlorobromomethane]	<10				10
Bromoform					10
Carbon tetrachloride	<2				2
Chlorobenzene	<10				10
Chlorodibromomethane [Dibromochloromethane]	<10				10
Chloroform	<10				10
Chrysene	<5				5
m-Cresol [3-Methylphenol]					10
o-Cresol [2-Methylphenol]	<10				10
p-Cresol [4-Methylphenol]					10
1,2-Dibromoethane	<10				10
m-Dichlorobenzene [1,3-Dichlorobenzene]	<10				10
o-Dichlorobenzene [1,2-Dichlorobenzene]	<10				10
p-Dichlorobenzene [1,4-Dichlorobenzene]	<10				10
3,3'-Dichlorobenzidine	<5				5
1,2-Dichloroethane	<10				10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
1,1-Dichloroethene [1,1-Dichloroethylene]	<10				10
Dichloromethane [Methylene chloride]	<20				20
1,2-Dichloropropane	<10				10
1,3-Dichloropropene [1,3-Dichloropropylene]	<10				10
2,4-Dimethylphenol	<10				10
Di-n-Butyl phthalate	<10				10
Epichlorohydrin (1-Chloro-2,3-epoxypropane)					---
Ethylbenzene	<10				10
Ethylene Glycol					---
Fluoride					500
Hexachlorobenzene	<5				5
Hexachlorobutadiene	<10				10
Hexachlorocyclopentadiene	<10				10
Hexachloroethane	<20				20
4,4'-Isopropylidenediphenol (bisphenol A)					1
Methyl ethyl ketone	<50				50
Methyl tert-butyl ether (MTBE)					---
Nitrobenzene	<10				10
N-Nitrosodiethylamine	<20				20
N-Nitroso-di-n-butylamine	<20				20
Nonylphenol	<333				333
Pentachlorobenzene	<20				20
Pentachlorophenol	<5				5
Phenanthrene	<10				10
Polychlorinated biphenyls (PCBs) (**)	<0.2				0.2
Pyridine	<20				20
1,2,4,5-Tetrachlorobenzene	<20				20
1,1,2,2-Tetrachloroethane	<10				10
Tetrachloroethene [Tetrachloroethylene]	<10				10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
Toluene	<10				10
1,1,1-Trichloroethane	<10				10
1,1,2-Trichloroethane	<10				10
Trichloroethene [Trichloroethylene]	<10				10
2,4,5-Trichlorophenol	<50				50
TTHM (Total trihalomethanes)	<10				10
Vinyl chloride	<10				10

(*) Indicate units if different from µg/L.

(**) Total of detects for PCB-1242, PCB-1254, PCB-1221, PCB-1232, PCB-1248, PCB-1260, and PCB-1016. If all non-detects, enter the highest non-detect preceded by a "<".

TABLE 4 (Instructions, Pages 58-59)

Partial completion of Table 4 **is required** for each **external outfall** based on the conditions below.

a. **Tributyltin**

Is this facility an industrial/commercial facility which currently or proposes to directly dispose of wastewater from the types of operations listed below or a domestic facility which currently or proposes to receive wastewater from the types of industrial/commercial operations listed below?

☐ Yes ☒ No

If **yes**, check the box next to each of the following criteria which apply and provide the appropriate testing results in Table 4 below (check all that apply).

☐ Manufacturers and formulators of tributyltin or related compounds.

☐ Painting of ships, boats and marine structures.

☐ Ship and boat building and repairing.

☐ Ship and boat cleaning, salvage, wrecking and scaling.

☐ Operation and maintenance of marine cargo handling facilities and marinas.

☐ Facilities engaged in wood preserving.

☐ Any other industrial/commercial facility for which tributyltin is known to be present, or for which there is any reason to believe that tributyltin may be present in the effluent.

b. **Enterococci (discharge to saltwater)**

This facility discharges/proposes to discharge directly into saltwater receiving waters **and** Enterococci bacteria are expected to be present in the discharge based on facility processes.

☐ Yes ☒ No

Domestic wastewater is/will be discharged.

☐ Yes ☒ No

If **yes to either** question, provide the appropriate testing results in Table 4 below.

c. E. coli (discharge to freshwater)

This facility discharges/proposes to discharge directly into freshwater receiving waters **and** *E. coli* bacteria are expected to be present in the discharge based on facility processes.

☐ Yes ☒ No

Domestic wastewater is/will be discharged.

☐ Yes ☒ No

If **yes to either** question, provide the appropriate testing results in Table 4 below.

Table 4 for Outfall No.: N/A **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	Sample 1	Sample 2	Sample 3	Sample 4	MAL
Tributyltin (µg/L)					0.010
Enterococci (cfu or MPN/100 mL)					N/A
E. coli (cfu or MPN/100 mL)					N/A

TABLE 5 (Instructions, Page 59)

Completion of Table 5 **is required** for all **external outfalls** which discharge process wastewater from a facility which manufactures or formulates pesticides or herbicides or other wastewaters which may contain pesticides or herbicides.

If this facility does not/will not manufacture or formulate pesticides or herbicides and does not/will not discharge other wastewaters that may contain pesticides or herbicides, check N/A.

☒ N/A

Table 5 for Outfall No.: N/A **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
Aldrin					0.01
Carbaryl					5
Chlordane					0.2
Chlorpyrifos					0.05
4,4'-DDD					0.1
4,4'-DDE					0.1
4,4'-DDT					0.02
2,4-D					0.7
Danitol [Fenpropathrin]					—
Demeton					0.20
Diazinon					0.5/0.1

Pollutant	**Sample 1 (µg/L)***	**Sample 2 (µg/L)***	**Sample 3 (µg/L)***	**Sample 4 (µg/L)***	**MAL (µg/L)***
Dicofol [Kelthane]					1
Dieldrin					0.02
Diuron					0.090
Endosulfan I (*alpha*)					0.01
Endosulfan II (*beta*)					0.02
Endosulfan sulfate					0.1
Endrin					0.02
Guthion [Azinphos methyl]					0.1
Heptachlor					0.01
Heptachlor epoxide					0.01
Hexachlorocyclohexane (*alpha*)					0.05
Hexachlorocyclohexane (*beta*)					0.05
Hexachlorocyclohexane (*gamma*) [Lindane]					0.05
Hexachlorophene					10
Malathion					0.1
Methoxychlor					2.0
Mirex					0.02
Parathion (ethyl)					0.1
Toxaphene					0.3
2,4,5-TP [Silvex]					0.3

* Indicate units if different from µg/L.

TABLE 6 (Instructions, Page 59)

Completion of Table 6 **is required** for all **external outfalls**.

Table 6 for Outfall No.: 001 **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutants	**Believed Present**	**Believed Absent**	**Sample 1 (mg/L)**	**Sample 2 (mg/L)**	**Sample 3 (mg/L)**	**Sample 4 (mg/L)**	**MAL (µg/L)***
Bromide	☐	☐					400
Color (PCU)	☐	☐					—
Nitrate-Nitrite (as N)	☐	☐					—
Sulfide (as S)	☐	☐					—
Sulfite (as SO3)	☐	☐					—
Surfactants	☐	☐					—
Boron, total	☐	☐					20
Cobalt, total	☐	☐					0.3
Iron, total	☐	☐					7
Magnesium, total	☐	☐					20
Manganese, total	☐	☐					0.5
Molybdenum, total	☐	☐					1
Tin, total	☐	☐					5
Titanium, total	☐	☐					30

TABLE 7 (Instructions, Page 60)

Check the box next to any of the industrial categories applicable to this facility. If no categories are applicable, check N/A. If GC/MS testing is required, check the box provided to confirm the testing results for the appropriate parameters are provided with the application.

☒ N/A

Table 7 for Applicable Industrial Categories

Industrial Category	40 CFR Part	Volatiles Table 8	Acids Table 9	Bases/ Neutrals Table 10	Pesticides Table 11
☐ Adhesives and Sealants		☐ Yes	☐ Yes	☐ Yes	No
☐ Aluminum Forming	467	☐ Yes	☐ Yes	☐ Yes	No
☐ Auto and Other Laundries		☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Battery Manufacturing	461	☐ Yes	No	☐ Yes	No
☐ Coal Mining	434	No	No	No	No
☐ Coil Coating	465	☐ Yes	☐ Yes	☐ Yes	No
☐ Copper Forming	468	☐ Yes	☐ Yes	☐ Yes	No
☐ Electric and Electronic Components	469	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Electroplating	413	☐ Yes	☐ Yes	☐ Yes	No
☐ Explosives Manufacturing	457	No	☐ Yes	☐ Yes	No
☐ Foundries		☐ Yes	☐ Yes	☐ Yes	No
☐ Gum and Wood Chemicals - Subparts A,B,C,E	454	☐ Yes	☐ Yes	No	No
☐ Gum and Wood Chemicals - Subparts D,F	454	☐ Yes	☐ Yes	☐ Yes	No
☐ Inorganic Chemicals Manufacturing	415	☐ Yes	☐ Yes	☐ Yes	No
☐ Iron and Steel Manufacturing	420	☐ Yes	☐ Yes	☐ Yes	No
☐ Leather Tanning and Finishing	425	☐ Yes	☐ Yes	☐ Yes	No
☐ Mechanical Products Manufacturing		☐ Yes	☐ Yes	☐ Yes	No
☐ Nonferrous Metals Manufacturing	421,471	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Oil and Gas Extraction - Subparts A, D, E, F, G, H	435	☐ Yes	☐ Yes	☐ Yes	No
☐ Ore Mining - Subpart B	440	No	☐ Yes	No	No
☐ Organic Chemicals Manufacturing	414	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Paint and Ink Formulation	446,447	☐ Yes	☐ Yes	☐ Yes	No
☐ Pesticides	455	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Petroleum Refining	419	☐ Yes	No	No	No
☐ Pharmaceutical Preparations	439	☐ Yes	☐ Yes	☐ Yes	No
☐ Photographic Equipment and Supplies	459	☐ Yes	☐ Yes	☐ Yes	No
☐ Plastic and Synthetic Materials Manufacturing	414	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Plastic Processing	463	☐ Yes	No	No	No
☐ Porcelain Enameling	466	No	No	No	No
☐ Printing and Publishing		☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Pulp and Paperboard Mills - Subpart C	430	☐ *	☐ Yes	☐ *	☐ Yes
☐ Pulp and Paperboard Mills - Subparts F, K	430	☐ *	☐ Yes	☐ *	☐ *
☐ Pulp and Paperboard Mills - Subparts A, B, D, G, H	430	☐ Yes	☐ Yes	☐ *	☐ *
☐ Pulp and Paperboard Mills - Subparts I, J, L	430	☐ Yes	☐ Yes	☐ *	☐ Yes
☐ Pulp and Paperboard Mills - Subpart E	430	☐ Yes	☐ Yes	☐ Yes	☐ *
☐ Rubber Processing	428	☐ Yes	☐ Yes	☐ Yes	No
☐ Soap and Detergent Manufacturing	417	☐ Yes	☐ Yes	☐ Yes	No
☐ Steam Electric Power Plants	423	☐ Yes	☐ Yes	No	No
☐ Textile Mills (Not Subpart C)	410	☐ Yes	☐ Yes	☐ Yes	No
☐ Timber Products Processing	429	☐ Yes	☐ Yes	☐ Yes	☐ Yes

* Test if believed present.

TABLES 8, 9, 10, and 11 (Instructions, Page 60)

Completion of Tables 8, 9, 10, and 11 **is required** as specified in Table 7 for all **external outfalls** that contain process wastewater.

Completion of Tables 8, 9, 10, and 11 **may be required** for types of industry not specified in Table 7 for specific parameters that are believed to be present in the wastewater.

Table 8 for Outfall No.: N/A **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	**Sample 1 (µg/L)***	**Sample 2 (µg/L)***	**Sample 3 (µg/L)***	**Sample 4 (µg/L)***	**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 [1,1-Dichloroethene]					10
1,2-Dichloropropane					10
1,3-Dichloropropylene [1,3-Dichloropropene]					10
Ethylbenzene					10
Methyl bromide [Bromomethane]					50
Methyl chloride [Chloromethane]					50
Methylene chloride [Dichloromethane]					20
1,1,2,2-Tetrachloroethane					10
Tetrachloroethylene [Tetrachloroethene]					10
Toluene					10
1,2-Trans-dichloroethylene [1,2-Trans-dichloroethene]					10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
1,1,1-Trichloroethane					10
1,1,2-Trichloroethane					10
Trichloroethylene [Trichloroethene]					10
Vinyl chloride					10

* Indicate units if different from µg/L.

Table 9 for Outfall No.: N/A **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	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
Pentachlorophenol					5
Phenol					10
2,4,6-Trichlorophenol					10

* Indicate units if different from µg/L.

Table 10 for Outfall No.: N/A **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
Acenaphthene					10
Acenaphthylene					10
Anthracene					10
Benzidine					50
Benzo(a)anthracene					5
Benzo(a)pyrene					5
3,4-Benzofluoranthene [Benzo(b)fluoranthene]					10
Benzo(ghi)perylene					20
Benzo(k)fluoranthene					5
Bis(2-chloroethoxy)methane					10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
Bis(2-chloroethyl)ether					10
Bis(2-chloroisopropyl)ether					10
Bis(2-ethylhexyl)phthalate					10
4-Bromophenyl phenyl ether					10
Butylbenzyl phthalate					10
2-Chloronaphthalene					10
4-Chlorophenyl phenyl ether					10
Chrysene					5
Dibenzo(a,h)anthracene					5
1,2-Dichlorobenzene [o-Dichlorobenzene]					10
1,3-Dichlorobenzene [m-Dichlorobenzene]					10
1,4-Dichlorobenzene [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 Azobenzene)					20
Fluoranthene					10
Fluorene					10
Hexachlorobenzene					5
Hexachlorobutadiene					10
Hexachlorocyclopentadiene					10
Hexachloroethane					20
Indeno(1,2,3-cd)pyrene					5
Isophorone					10
Naphthalene					10
Nitrobenzene					10
N-Nitrosodimethylamine					50

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
N-Nitrosodi-n-propylamine					20
N-Nitrosodiphenylamine					20
Phenanthrene					10
Pyrene					10
1,2,4-Trichlorobenzene					10

* Indicate units if different from µg/L.

Table 11 for Outfall No.: N/A **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
Aldrin					0.01
alpha-BHC [alpha-Hexachlorocyclohexane]					0.05
beta-BHC [beta-Hexachlorocyclohexane]					0.05
gamma-BHC [gamma-Hexachlorocyclohexane]					0.05
delta-BHC [delta-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

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
PCB 1260					0.2
PCB 1016					0.2
Toxaphene					0.3

* Indicate units if different from µg/L.

Attachment: N/A

TABLE 12 (DIOXINS/FURAN COMPOUNDS)

Complete of Table 12 **is required** for **external outfalls**, as directed below. (Instructions, Pages 59-60)

Indicate which compound(s) are manufactured or used at the facility and provide a brief description of the conditions of its/their presence at the facility (check all that apply).

☐ 2,4,5-trichlorophenoxy acetic acid (2,4,5-T) CASRN 93-76-5

☐ 2-(2,4,5-trichlorophenoxy) propanoic acid (Silvex, 2,4,5-TP) CASRN 93-72-1

☐ 2-(2,4,5-trichlorophenoxy) ethyl 2,2-dichloropropionate (Erbon) CASRN 136-25-4

☐ 0,0-dimethyl 0-(2,4,5-trichlorophenyl) phosphorothioate (Ronnel) CASRN 299-84-3

☐ 2,4,5-trichlorophenol (TCP) CASRN 95-95-4

☐ hexachlorophene (HCP) CASRN 70-30-4

☒ None of the above

Description: N/A

Does the applicant or anyone at the facility 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 the effluent proposed for discharge?

☐ Yes ☒ No

Description: N/A

If **yes** to either Items a **or** b, complete Table 12 as instructed.

Table 12 for Outfall No.: N/A **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Compound	Toxicity Equivalent Factors	Wastewater Concentration (ppq)	Wastewater Toxicity Equivalents (ppq)	Sludge Concentration (ppt)	Sludge Toxicity Equivalents (ppt)	MAL (ppq)
2,3,7,8-TCDD	1					10
1,2,3,7,8-PeCDD	1.0					50
2,3,7,8-HxCDDs	0.1					50
1,2,3,4,6,7,8-HpCDD	0.01					50

Compound	Toxicity Equivalent Factors	Wastewater Concentration (ppq)	Wastewater Toxicity Equivalents (ppq)	Sludge Concentration (ppt)	Sludge Toxicity Equivalents (ppt)	MAL (ppq)
2,3,7,8-TCDF	0.1					10
1,2,3,7,8-PeCDF	0.03					50
2,3,4,7,8-PeCDF	0.3					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					500
PCB 81	0.0003					500
PCB 126	0.1					500
PCB 169	0.03					500
Total						

TABLE 13 (HAZARDOUS SUBSTANCES)

Complete Table 13 **is required** for all **external outfalls** as directed below. (Instructions, Pages 60-61)

Are there any pollutants listed in the instructions (pages 55-62) believed present in the discharge?

☐ Yes ☐ No

Are there pollutants listed in Item 1.c. of Technical Report 1.0 which are believed present in the discharge and have not been analytically quantified elsewhere in this application?

☐ Yes ☐ No

If **yes** to either Items a **or** b, complete Table 13 as instructed.

Table 13 for Outfall No.: N/A **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	CASRN	Sample 1 (µg/L)	Sample 2 (µg/L)	Sample 3 (µg/L)	Sample 4 (µg/L)	Analytical Method

INDUSTRIAL WASTEWATER PERMIT APPLICATION WORKSHEET 4.0: RECEIVING WATERS

This worksheet **is required** for all TPDES permit applications.

Item 1. Domestic Drinking Water Supply (Instructions, Page 80)

a. There is a surface water intake for domestic drinking water supply located within 5 (five) miles downstream from the point/proposed point of discharge.

☐ Yes ☒ No

If **no**, stop here and proceed to Item 2. If **yes**, provide the following information:

1. The legal name of the owner of the drinking water supply intake: Click to enter text.
2. The distance and direction from the outfall to the drinking water supply intake: Click to enter text.

b. Locate and identify the intake on the USGS 7.5-minute topographic map provided for Administrative Report 1.0.

☐ Check this box to confirm the above requested information is provided.

Item 2. Discharge Into Tidally Influenced Waters (Instructions, Page 80)

If the discharge is to tidally influenced waters, complete this section. Otherwise, proceed to Item 3.

a. Width of the receiving water at the outfall: N/A feet

b. Are there oyster reefs in the vicinity of the discharge?

☐ Yes ☐ No

If **yes**, provide the distance and direction from the outfall(s) to the oyster reefs: N/A

c. Are there sea grasses within the vicinity of the point of discharge?

☐ Yes ☐ No

If **yes**, provide the distance and direction from the outfall(s) to the grasses: N/A

Item 3. Classified Segment (Instructions, Page 80)

The discharge is/will be directly into (or within 300 feet of) a classified segment.

☐ Yes ☒ No

If **yes**, stop here and do not complete Items 4 and 5 of this worksheet or Worksheet 4.1.

If **no**, complete Items 4 and 5 and Worksheet 4.1 may be required.

Item 4. Description of Immediate Receiving Waters (Instructions, Page 80)

a. Name of the immediate receiving waters: 2491C

b. Check the appropriate description of the immediate receiving waters:

☐ Lake or Pond

- Surface area (acres): Click to enter text.
- Average depth of the entire water body (feet): Click to enter text.
- Average depth of water body within a 500-foot radius of the discharge point (feet): Click to enter text.

☒ Man-Made Channel or Ditch

☐ Stream or Creek

☐ Freshwater Swamp or Marsh

☐ Tidal Stream, Bayou, or Marsh

☐ Open Bay

☐ Other, specify:

If **Man-Made Channel or Ditch** or **Stream or Creek** were selected above, provide responses to Items 4.c – 4.g below:

c. For **existing discharges**, check the description below that best characterizes the area **upstream** of the discharge.

For **new discharges**, check the description below that best characterizes the area **downstream** of the discharge.

☒ Intermittent (dry for at least one week during most years)

☐ Intermittent with Perennial Pools (enduring pools containing habitat to maintain aquatic life uses)

☐ Perennial (normally flowing)

Check the source(s) of the information used to characterize the area upstream (existing discharge) or downstream (new discharge):

☐ USGS flow records

☒ personal observation

☐ historical observation by adjacent landowner(s)

☐ other, specify: Click to enter text.

d. List the names of all perennial streams that join the receiving water within three miles downstream of the discharge point: IBWC North Floodway

e. 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**, describe how: Click to enter text.

f. General observations of the water body during normal dry weather conditions: shallow water in pilot channel

Date and time of observation: 10/20/2025

g. The water body was influenced by stormwater runoff during observations.

☐ Yes ☒ No

If **yes**, describe how: Click to enter text.

Item 5. General Characteristics of Water Body (Instructions, Page 81)

a. Is the receiving water upstream of the existing discharge or proposed discharge site influenced by any of the following (check all that apply):

☐ oil field activities
☒ agricultural runoff
☐ upstream discharges
☐ urban runoff
☐ septic tanks
☐ other, specify: Click to enter text.

b. Uses of water body observed or evidence of such uses (check all that apply):

☐ livestock watering
☐ non-contact recreation
☐ domestic water supply
☐ contact recreation
☐ fishing
☐ industrial water supply
☐ irrigation withdrawal
☐ navigation
☐ picnic/park activities
☐ other, specify: N/A

c. Description which best describes the aesthetics of the receiving water and the surrounding area (check only one):

☐ **Wilderness:** outstanding natural beauty; usually wooded or un-pastured area: water clarity exceptional

☐ **Natural Area:** trees or native vegetation common; 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

Attachment 1

Form 10411, Item 4

TCEQ Core Data Form TCEQ-10400

Applicant Name: East Rio Hondo Water Supply Corporation
Permit No.: WQ0004758000
EPA ID No.: TX0127299
Expiration Date: April 21, 2026
Reverse Osmosis Water Treatment, Active
TPDES Permit, Renewal

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 600694988		RN 104467287

SECTION II: Customer Information

4. General Customer Information | **5. Effective Date for Customer Information Updates** (mm/dd/yyyy) 7/18/2024

☐ 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)*

East Rio Hondo Water Supply Corporation	*If new Customer, enter previous Customer below:* N/A

7. TX SOS/CPA Filing Number	8. TX State Tax ID (11 digits)	9. Federal Tax ID (9 digits)	10. DUNS Number *(if applicable)*
0030670501	17420075529	74-2007552	096386610

11. Type of Customer: ☒ Corporation ☐ Individual Partnership: ☐ General ☐ Limited
Government: ☐ City ☐ County ☐ Federal ☐ Local ☐ State ☐ Other ☐ Sole Proprietorship ☐ Other:

12. Number of Employees
☐ 0-20 ☒ 21-100 ☐ 101-250 ☐ 251-500 ☐ 501 and higher

13. Independently Owned and Operated?
☒ Yes ☐ No

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

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

15. Mailing Address:

PO BOX 621							
City	RIO HONDO	**State**	TX	**ZIP**	78583	**ZIP + 4**	0621

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

18. Telephone Number	19. Extension or Code	20. Fax Number *(if applicable)*
(956) 247-7744		( ) -

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.)*

North Cameron Regional WTP

23. Street Address of the Regulated Entity: *(No PO Boxes)*	14995 SH 107							
	City	Harlingen	**State**	TX	**ZIP**	78552	**ZIP + 4**	4103
24. County	Cameron							

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

25. Description to Physical Location:	Along SH 107, west of N. Tamm Lane, east of Bass Blvd, approx. 3.5 miles west of Highway 77				
26. Nearest City			**State**		**Nearest ZIP Code**
Priimera			TX		78550

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:	26.2491527		**28. Longitude (W) In Decimal:**	-97.7819611	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
26	14	56.95	-97	46	55.06

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)
4941		221310	

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

Water Treatment & Supply

34. Mailing Address:	PO BOX 621							
	City	Rio Hondo	**State**	TX	**ZIP**	78583	**ZIP + 4**	0621
35. E-Mail Address:	bemacmanus@erhwsc.com							

36. Telephone Number	37. Extension or Code	38. Fax Number *(if applicable)*
(956) 247-7744		( ) -

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:
	WQ0004758000			

SECTION IV: Preparer Information

40. Name:	Kristina Leal	41. Title:	Water/Wastewater Team Leader

42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
(956) 445-5198		( ) -	kleal@halff.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:	East Rio Hondo Water Supply Corporation	Job Title:	General Manager
Name *(In Print)*:	Brian E. Macmanus	Phone:	(956) 247- 7744
Signature:	Brian E. Macmanus	Date:	10-22-2025

Attachment 2

Form 10411, Item 9.f

TCEQ Form TCEQ-2972 PLS - Summary of Application in Plain Language Template

Applicant Name: East Rio Hondo Water Supply Corporation
Permit No.: WQ0004758000
EPA ID No.: TX0127299
Expiration Date: April 21, 2026
Reverse Osmosis Water Treatment, Active
TPDES Permit, Renewal

TCEQ Form 10411
Item 9.f

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

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

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

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

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

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

East Rio Hondo Water Supply Corporation (CN600694988) operates North Cameron Water Supply (RN104467287), a reverse osmosis water treatment plant . The facility is located at 14995 TX-107, in Harlingen, Cameron County, Texas 78552. This application is for a renewal to discharge at an annual average flow of 2.0 mgd of treated domestic water via Outfall 001 .

Discharges from the facility are expected to contain aluminum, arsenic, barium, copper, nickel, selenium, and zinc. Additional potential pollutants are included in the Industrial Wastewater Permit Application Worksheet 2.0. Pollutant Analysis in the permit application package. Cleaning-in-place water, used to clean the reverse osmosis filters, is treated by using ammonium sulfate, calcium chloride, scale inhibitor, sodium hydroxide, chlorine, and CIP chemicals (AWCC-234 low PH and AWCC-237 High PH) from American Water Chemicals.

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: P.E.N. Joint Tenants and North Cameron Regional Waer Supply Corporation

   Permit No. WQ00 04758000 EPA ID No. TX 0127299

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

   14995 State Hwy 107, Harlingen, Cameron, Texas, 78552

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: Brian Macmanus

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

Title: General Manager

Mailing Address: PO Box 621

City, State, Zip Code: Rio Hondo, Tx, 78583

Phone No.: 956-247-7744 Ext.: Click here to enter text. Fax No.: Click here to enter text.

E-mail Address: bemacmanus@erhwsc.com

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

East Rio Hondo Water Supply Corporation

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.

The discharge route begins in Segment 2491C and continues north to Segment 2491B. This segment ends with the lower Laguna Madre (tidal flats).

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:

Water Treatment Plant

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

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

Click here to enter text.

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

Click here to enter text.

Attachment 3

Form 10411, Item 11

USGS 75 MinuteTopo

Applicant Name: East Rio Hondo Water Supply Corporation
Permit No.: WQ0004758000
EPA ID No.: TX0127299
Expiration Date: April 21, 2026
Reverse Osmosis Water Treatment, Active
TPDES Permit, Renewal

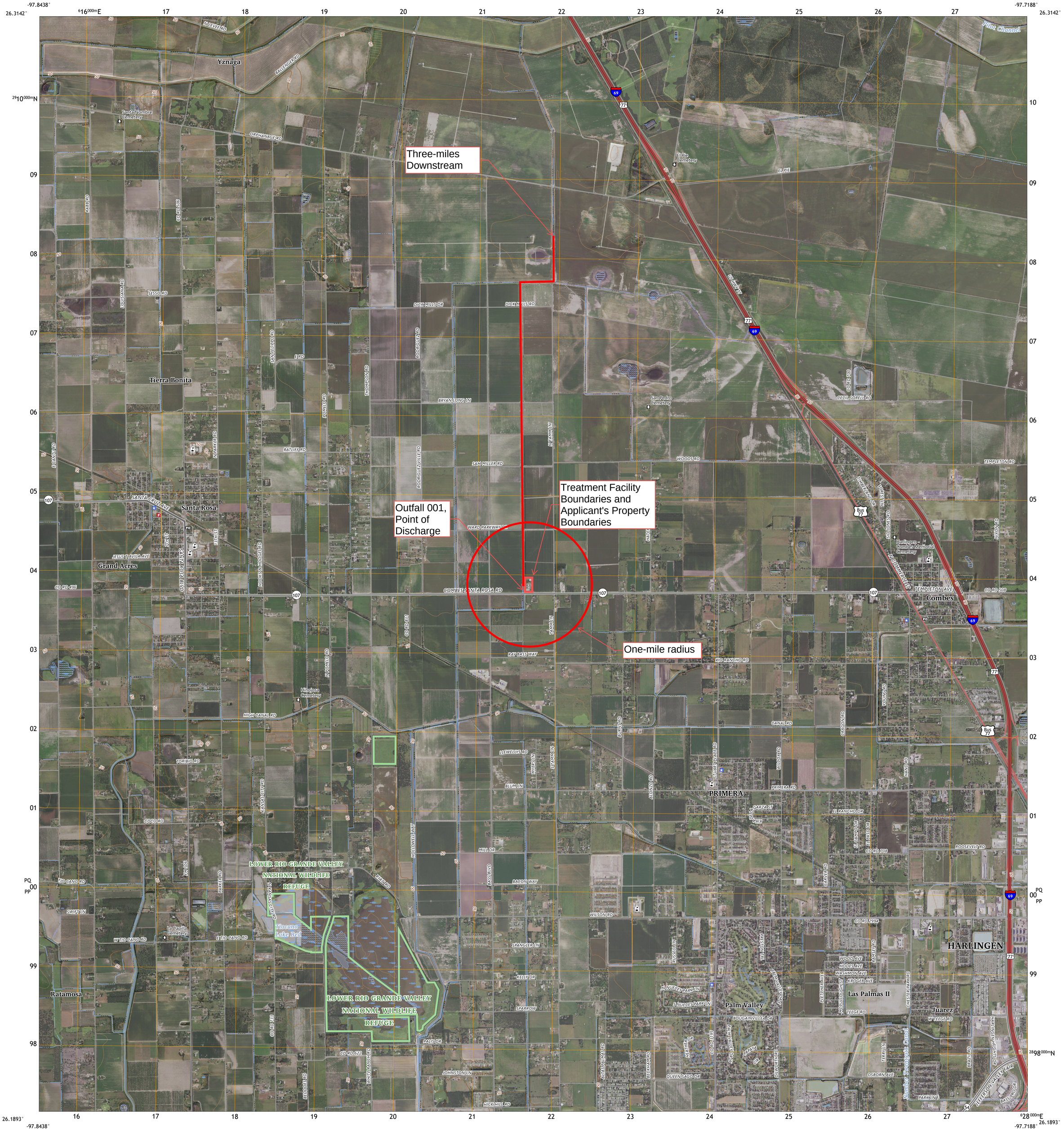
TCEQ Form 10411
Item 11.b

USGS science for a changing world

U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

The National Map OnDemand Topo

7.5-MINUTE TOPO QUADRANGLE
TEXAS - CUSTOM EXTENT
7.5-MINUTE TOPO



Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1 000-meter grid: UNIVERSAL TRANSVERSE MERCATOR, ZONE 14R

Data is provided by The National Map (TNM), is the best available at the time of map generation, and includes data content from supporting themes of Elevation, Hydrography, Geographic Names, Boundaries, Transportation, Structures, Land Cover, and Orthoimagery. Refer to associated Federal Geographic Data Committee (FGDC) Metadata for additional source data information.

This map is not a legal document. Boundaries may be generalized for this map scale. Private lands within government reservations may not be shown. Obtain permission before entering private lands. Temporal changes may have occurred since these data were collected and some data may no longer represent actual surface conditions.

Learn About The National Map: https://nationalmap.gov

MN
GN
3°11′
57 MILS
0°32′
9 MILS
UTM GRID AND 2025 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

U.S. National Grid
100,000 - m Square ID
PQ
PP
Grid Zone Designation
14R

SCALE 1:24 000

1 0.5 0 KILOMETERS 1 2
1000 500 0 METERS 1000 2000
1 0.5 0 1
MILES
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000
FEET

CONTOUR INTERVAL 5 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988
CONTOUR SMOOTHNESS = Medium

TEXAS

QUADRANGLE LOCATION

Santa Rosa | Willamar SW
La Feria | Harlingen

ADJOINING QUADRANGLES

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

7.5-MINUTE TOPO, TX
2025

A ttachment 4 -Treatment Chemical List

Form 10411, Item 1.c.

Applicant Name: East Rio Hondo Water Supply Corporation
Permit No.: WQ0004758000
EPA ID No.: TX0127299
Expiration Date: April 21, 2026
Reverse Osmosis Water Treatment, Active
TPDES Permit, Renewal

List of Raw Materials | Treatment Chemicals

1. CIP Chemicals
    a. AWCC-234 Low PH*
    b. AWC C-237 High PH*

** NSF Product and Service Listings for this product is attached.*

Trade Name Listing Detail

Current as of Wednesday, Oct 22, 2025 at 01:10 AM Eastern Time.
Always confirm this information by clicking here or scan the QR code for the most accurate, up-to-date information.

Scan QR Code

Listing Details AWC C-234

Chemical Name	**Miscellaneous Water Supply Products**
Trade Name	**AWC C-234**
Standard/Program	**NSF/ANSI/CAN 60 - Drinking Water Treatment Chemicals - Health Effects**
Function	**Membrane Cleaner**
Max Use	**NA**
Company	**Amaya Solutions, Inc. DBA American Water Chemicals** **1802 Corporate Center Lane** **Plant City, Florida, 33563** **United States**
Contact	**813-246-5448** **888-217-8757**

Listing Details by Facility

Facility	Related Footnotes
Plant City, FL	[2] These products are designed to be used off-line and flushed out prior to using the system for drinking water, following manufacturer's use instructions. [3] The pH of the influent and effluent water should be monitored to ensure that all traces of the product have been removed before placing into service.

Disclaimers

The NSF Product Listings show currently listed companies and products. Although every reasonable effort has been made to assure accuracy, omissions or errors may occur due to the complexity of these listings and their conversion for the internet. If you notice an omission or error, please report it to NSF.

Additions shall not be made to this document without prior evaluation and acceptance by NSF.

Trade Name Listing Detail

Current as of Wednesday, Oct 22, 2025 at 01:10 AM Eastern Time.
Always confirm this information by clicking here or scan the QR code for the most accurate, up-to-date information.

Scan QR Code

Listing Details AWC C-237

Chemical Name	**Miscellaneous Water Supply Products**
Trade Name	**AWC C-237**
Standard/Program	**NSF/ANSI/CAN 60 - Drinking Water Treatment Chemicals - Health Effects**
Function	**Membrane Cleaner**
Max Use	**NA**
Company	**Amaya Solutions, Inc. DBA American Water Chemicals** **1802 Corporate Center Lane** **Plant City, Florida, 33563** **United States**
Contact	**813-246-5448** **888-217-8757**

Listing Details by Facility

Facility	Related Footnotes
Plant City, FL	[2] These products are designed to be used off-line and flushed out prior to using the system for drinking water, following manufacturer's use instructions. [3] The pH of the influent and effluent water should be monitored to ensure that all traces of the product have been removed before placing into service.

Disclaimers

The NSF Product Listings show currently listed companies and products. Although every reasonable effort has been made to assure accuracy, omissions or errors may occur due to the complexity of these listings and their conversion for the internet. If you notice an omission or error, please report it to NSF.

Additions shall not be made to this document without prior evaluation and acceptance by NSF.

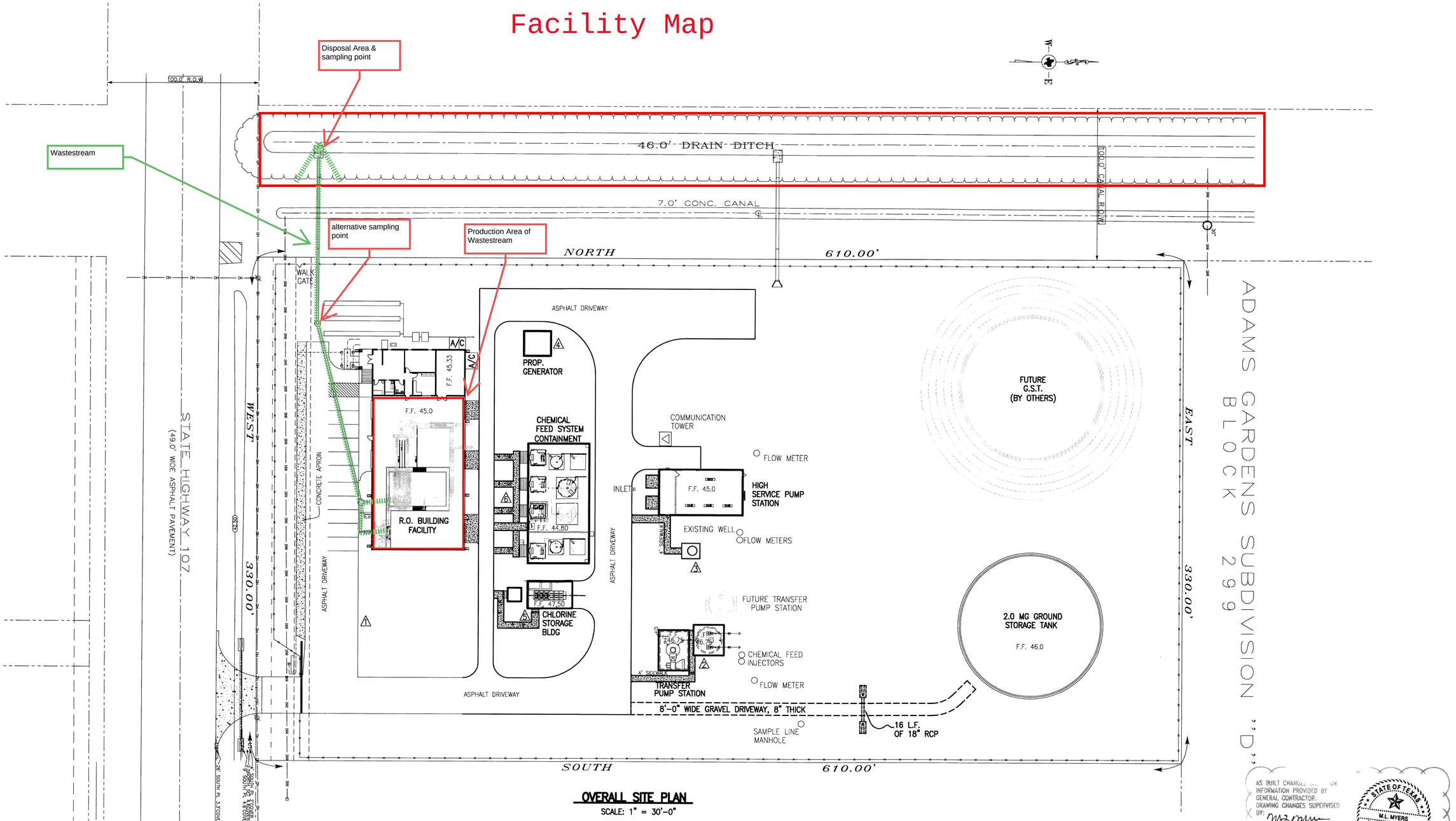
Attachment 5

Form 10055, Item 1.d

Facility Map

Applicant Name: East Rio Hondo Water Supply Corporation
Permit No.: WQ0004758000
EPA ID No.: TX0127299
Expiration Date: April 21, 2026
Reverse Osmosis Water Treatment, Active
TPDES Permit, Renewal

Facility Map



OVERALL SITE PLAN
SCALE: 1" = 30'-0"

AS BUILT CHANGES: NONE
INFORMATION PROVIDED BY GENERAL CONTRACTOR.
DRAWING CHANGES SUPERVISED BY: M.L. Myers
12/07/07

STATE OF TEXAS
M.L. MYERS
52905
REGISTERED PROFESSIONAL ENGINEER

REVISION OR ISSUE			REVISION OR ISSUE		
NO.	DATE	SUBJECT	NO.	DATE	SUBJECT
1	6/2007	REVISE LAYOUT OF ASPHALT	6	6/2007	REVISE LAYOUT OF CHEMICAL FEED
2	6/2007	REVISE LAYOUT OF TSPS			
3	6/2007	REVISE LAYOUT OF WELL SITE			
4	6/2007	REVISE LAYOUT OF GENERATOR			
5	6/2007	REVISE LAYOUT OF CHLORINE			
		BLDG. CONC. SIDEWALK			

NRS engineering better communities
1222 E. Tyler, Suite C
P.O. Box 2544
Harlingen, TX 78551
(956) 423-7409
www.nrsengineers.com

SEAL

NORTH CAMERON REGIONAL WATER PROJECT
NORTH ALAMO WATER SUPPLY CORPORATION
CAMERON COUNTY, TEXAS
HIGH SERVICE AND TRANSFER PUMP STATIONS, CHLORINE STORAGE FACILITY, CHEMICAL FEED SYSTEM CONTAINMENT, AND WELL LAYOUT

TITLE: OVERALL SITE PLAN

AS BUILT

SCALE: AS SHOWN	DATE: JUNE 2005
DESIGNED BY: M.L.M.	
DRAWN BY: A.R.	
CHECKED BY: J.W.N.	
APPROVED BY: M.L.M.	
PROJECT NO.: NCO302	

Attachment 6

Form 10055, Item 1.d

FEMA_FIRMETTE_48061C0100F

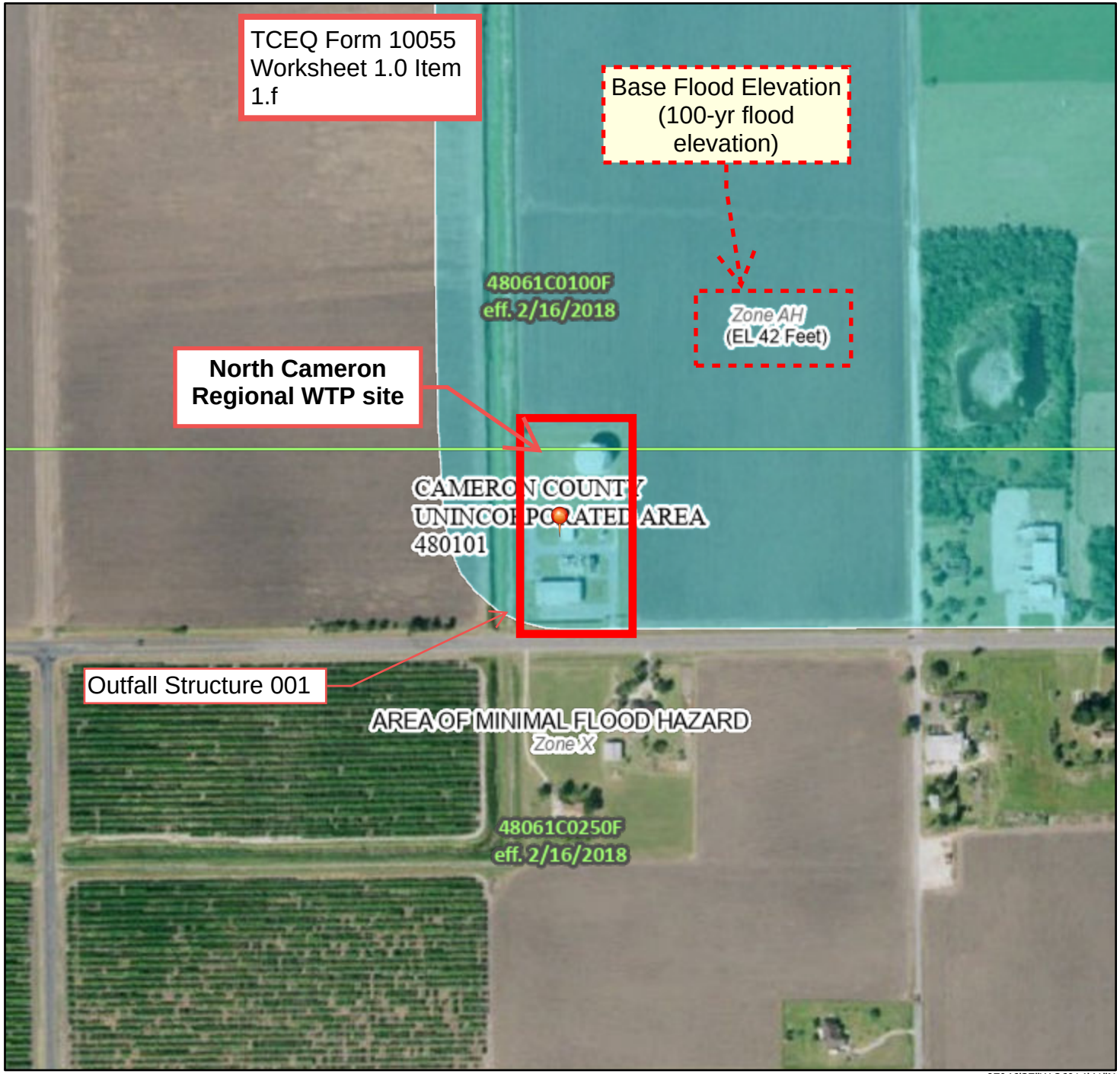
Applicant Name: East Rio Hondo Water Supply Corporation
Permit No.: WQ0004758000
EPA ID No.: TX0127299
Expiration Date: April 21, 2026
Reverse Osmosis Water Treatment, Active

TPDES Permit, Renewal

National Flood Hazard Layer FIRMette

FEMA

97°47'14"W 26°15'14"N



0 250 500 1,000 1,500 2,000 Feet

1:6,000

97°46'37"W 26°14'41"N

Basemap Imagery Source: USGS National Map 2023

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 10/21/2025 at 2:23 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

Attachment 7

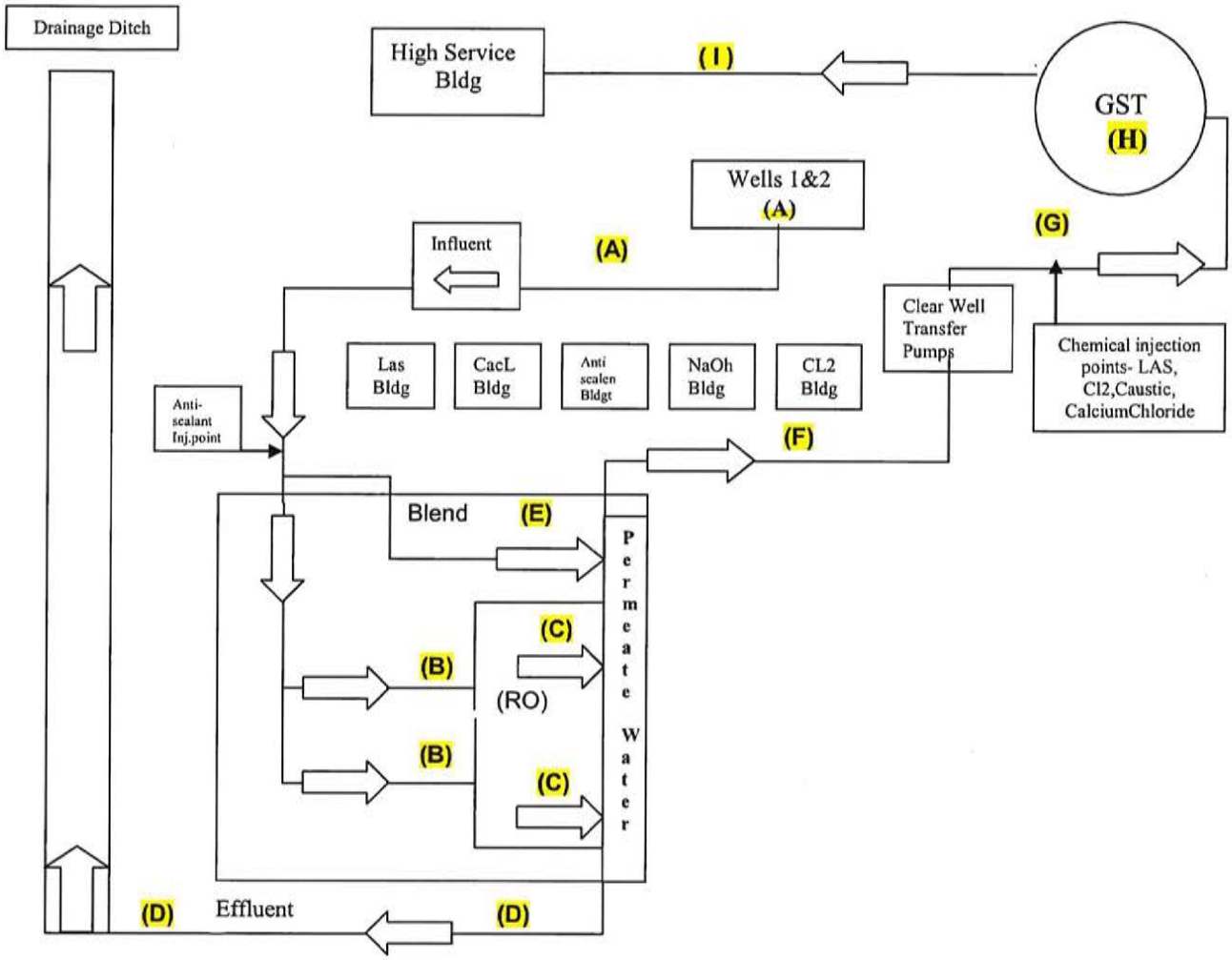
Form 10055, Item 2.b & Item 4

Flow Schematic /Flow Diagram

Applicant Name: East Rio Hondo Water Supply Corporation
Permit No.: WQ0004758000
EPA ID No.: TX0127299
Expiration Date: April 21, 2026
Reverse Osmosis Water Treatment, Active
TPDES Permit, Renewal

TCEQ Form 10055
Worksheet 1.0 Item
2.b

ATTACHMENT C
ERHWSC North Cameron Regional Water Treatment Plant
Flow Schematic Diagram



North Cameron Regional WSC Reverse Osmosis Plant

Treatment Sequence:

A. The submersible wells pump a combined 2,300 into the plant headworks.
B. The well water is then processed through a set of cartridge filters which removes debris.
C. The well water then enters the (RO) which creates a permeate stream of 1,390 GPM.
D. The discharge stream 450 GPM of concentrate is sent to Drainage Ditch
E. We then blend 210 GPM of well water into permeate stream to bring TDS up and product to 1,600 GPM.
F. Then the product stream flows to a clear well.
G. The transfer pumps then pump the product water to chemical injection points.
H. The product stream then enters the Ground Storage.
I. The Ground Storage Gravity feeds the High Service Pumps then out to distribution

Attachment 8

Form 10055, Worksheet 2.0, Item 1.c

SATL Worksheet 2.0 Pollutant Analysis

Applicant Name: East Rio Hondo Water Supply Corporation
Permit No.: WQ0004758000
EPA ID No.: TX0127299
Expiration Date: April 21, 2026
Reverse Osmosis Water Treatment, Active
TPDES Permit, Renewal

Contact Laboratory List

Form 10055 Worksheet 2.0, Item 1.c.

Applicant Name: East Rio Hondo Water Supply Corporation

Permit No.: WQ0004758000

EPA ID No.: TX0127299

Expiration Date: April 21, 2026

Reverse Osmosis Water Treatment, Active

TPDES Permit, Renewal

List of Laboratories used

1. Integrity Testing
    a. TCEQ Lab ID: T104704525
    b. Chris Ewert
        i. (512) 891-777
2. San Antonio Testing Laboratory
    a. TCEQ Lab ID: T104704215
    b. Xavier Escobar
        i. (210) 229-9920
3. Eurofins Environmental Testing
    a. Lindy Maingot
        i. (210) 334-9751

INTEGRITY testing

8127 Mesa Dr. #C-305 * Austin, TX. 78759
(512) 891-7777 * www.integritytestingaustin.com

Eric Haydon
North Cameron Regional WSC

Rio Hondo, Texas 78583

Report Date: 10/01/2025
Report #: I252523
Project ID: North Cameron WTP Permit Renewal

Dear Eric Haydon,

Integrity Testing received a sample from the above referenced project on 09/25/2025 for the analyses presented in the following report.

The analytical data relates directly to the samples received by Integrity Testing and for only the analytes requested. Samples were intact and properly preserved unless otherwise noted in the Case Narrative. Results are reported as received unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. This laboratory report may only be reproduced in full.

If you need any assistance with this report, please let me know.

Sincerely,

Chris Ewert
Laboratory Manager

NELAP ACCREDITED TNI LABORATORY

TCEQ Laboratory ID: T104704525

8127 Mesa Dr. #C-305 * Austin, TX. 78759
(512) 891-7777 * www.integritytestingaustin.com

Eric Haydon
North Cameron Regional WSC

Rio Hondo, Texas 78583

Report Date: 10/01/2025
Report #: I252523
Project ID: North Cameron WTP Permit Renewal

CASE NARRATIVE

QC22845: No comments necessary.
QC22846: The Anions by Ion Chromatography MS/MSD was prepared on an unrelated sample.
QC22855: No comments necessary.
QC22863: No comments necessary.
QC22874: The Total Suspended Solids duplicate was prepared on an unrelated sample.
QC22890: The BOD5 duplicate was prepared on an unrelated sample.
QC22891: The CBOD5 duplicate was prepared on an unrelated sample.
QC22893: No comments necessary.

8127 Mesa Dr. #C-305 * Austin, TX. 78759
(512) 891-7777 * www.integritytestingaustin.com

Eric Haydon
North Cameron Regional WSC

Rio Hondo, Texas 78583

Report Date: 10/01/2025
Report #: I252523
Project ID: North Cameron WTP Permit Renewal

SAMPLE SUMMARY

Lab Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
I252523-1	24-Hr Composite Sample	Water	09/24/2025 09:45	09/25/2025

8127 Mesa Dr. #C-305 * Austin, TX. 78759
(512) 891-7777 * www.integritytestingaustin.com

Eric Haydon
North Cameron Regional WSC

Rio Hondo, Texas 78583

Report Date: 10/01/2025
Report #: I252523
Project ID: North Cameron WTP Permit Renewal

ANALYTICAL DATA REPORT

Client Sample ID: 24-Hr Composite Sample
Date Collected: 09/24/2025
Date Received: 09/25/2025

Lab Sample ID: I252523-1
Matrix: Water

Total Dissolved Solids

Method: SM2540C **Prep Method:** SM2540C **QC Batch ID:** QC22893

CAS#	Analyte	Result	SDL	MQL	Units	Q	DF	Prep Date	Date Analyzed	Analyst
	Total Dissolved Solids(TDS)	12200	100	100	mg/L		10		09/29/2025	JF

Total Suspended Solids

Method: SM2540D **Prep Method:** SM2540D **QC Batch ID:** QC22874

CAS#	Analyte	Result	SDL	MQL	Units	Q	DF	Prep Date	Date Analyzed	Analyst
	TSS	<2.00	2.00	2.00	mg/L		1		09/24/2025	JF

CBOD5

Method: SM 5210B **Prep Method:** SM 5210B **QC Batch ID:** QC22891

CAS#	Analyte	Result	SDL	MQL	Units	Q	DF	Prep Date	Date Analyzed	Analyst
	CBOD5	15.0	2.00	2.00	mg/L		1		09/25/2025 11:56	JF

BOD5

Method: SM 5210B **Prep Method:** SM 5210B **QC Batch ID:** QC22890

CAS#	Analyte	Result	SDL	MQL	Units	Q	DF	Prep Date	Date Analyzed	Analyst
	BOD5	<2.00	2.00	2.00	mg/L		1		09/25/2025 11:27	JF

Chemical Oxygen Demand

Method: H8000 **Prep Method:** H8000 **QC Batch ID:** QC22863

CAS#	Analyte	Result	SDL	MQL	Units	Q	DF	Prep Date	Date Analyzed	Analyst
	Chemical Oxygen Demand	36.8	3.00	15.0	mg/L		1		09/29/2025	CE

Anions by Ion Chromatography

Method: EPA 300.0 **Prep Method:** EPA 300.0 **QC Batch ID:** QC22846

CAS#	Analyte	Result	SDL	MQL	Units	Q	DF	Prep Date	Date Analyzed	Analyst
16887-00-6	Chloride	4320	0.100	0.200	mg/L	D	500		09/25/2025 14:37	WO
16984-48-8	Fluoride	3.16	0.0200	0.0400	mg/L		1		09/25/2025 13:50	WO
	Nitrate-N	<0.100	0.100	0.200	mg/L		1		09/25/2025 13:50	WO
14808-79-8	Sulfate	3690	0.100	0.200	mg/L	D	500		09/25/2025 14:37	WO

INTEGRITY testing

8127 Mesa Dr. #C-305 * Austin, TX. 78759
(512) 891-7777 * www.integritytestingaustin.com

Eric Haydon
North Cameron Regional WSC

Rio Hondo, Texas 78583

Report Date: 10/01/2025
Report #: I252523
Project ID: North Cameron WTP Permit Renewal

ANALYTICAL DATA REPORT

Client Sample ID: 24-Hr Composite Sample
Date Collected: 09/24/2025
Date Received: 09/25/2025

Lab Sample ID: I252523-1
Matrix: Water

Total Phosphorus as P **Method:** SM4500-P E **Prep Method:** SM4500-P E **QC Batch ID:** QC22855

CAS#	Analyte	Result	SDL	MQL	Units	Q	DF	Prep Date	Date Analyzed	Analyst
	Total Phosphorus	0.731	0.0200	0.0500	mg/L		1		09/26/2025	CE

Dissolved Oxygen **Method:** SM 4500 O-G **Prep Method:** SM 4500 O-G **QC Batch ID:** QC22845

CAS#	Analyte	Result	SDL	MQL	Units	Q	DF	Prep Date	Date Analyzed	Analyst
	Dissolved Oxygen	8.82	2.00	2.00	mg/L	H	1		09/25/2025 11:34	JF

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Eric Haydon
North Cameron Regional WSC

Rio Hondo, Texas 78583

Report Date: 10/01/2025
Report #: I252523
Project ID: North Cameron WTP Permit Renewal

QC REPORT

QC Batch ID: QC22890 **Matrix:** Water

QC Results

Analyte	Blank	Sample	DUP	RPD	Limit	LCS%	Limits
BOD5	<2	167	165	1.2	20	102	85-115

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(512) 891-7777 * www.integritytestingaustin.com

Eric Haydon
North Cameron Regional WSC

Rio Hondo, Texas 78583

Report Date: 10/01/2025
Report #: I252523
Project ID: North Cameron WTP Permit Renewal

QC REPORT

QC Batch ID: QC22891 **Matrix:** Water

QC Results

Analyte	Blank	Sample	DUP	RPD	Limit	LCS%	Limits
CBOD5	<2	377	372	1.3	20	85	74-109

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(512) 891-7777 * www.integritytestingaustin.com

Eric Haydon
North Cameron Regional WSC

Rio Hondo, Texas 78583

Report Date: 10/01/2025
Report #: I252523
Project ID: North Cameron WTP Permit Renewal

QC REPORT

QC Batch ID: QC22863 **Matrix:** Water

QC Results

Analyte	Blank	MS%	MSD%	Limits	RPD	Limit	LCS%	LCSD%	Limits	RPD	Limit
Chemical Oxygen Demand	<3	85	85	80-120	0	20	95	95	80-120	0	20

8127 Mesa Dr. #C-305 * Austin, TX. 78759
(512) 891-7777 * www.integritytestingaustin.com

Eric Haydon
North Cameron Regional WSC

Rio Hondo, Texas 78583

Report Date: 10/01/2025
Report #: I252523
Project ID: North Cameron WTP Permit Renewal

QC REPORT

QC Batch ID: QC22845 **Matrix:** Water

QC Results

Analyte	Sample	DUP	RPD	Limit
Dissolved Oxygen	8.82	8.9	0.9	20

8127 Mesa Dr. #C-305 * Austin, TX. 78759
(512) 891-7777 * www.integritytestingaustin.com

Eric Haydon
North Cameron Regional WSC

Rio Hondo, Texas 78583

Report Date: 10/01/2025
Report #: I252523
Project ID: North Cameron WTP Permit Renewal

QC REPORT

QC Batch ID: QC22874 **Matrix:** Water

QC Results

Analyte	Blank	Sample	DUP	RPD	Limit	LCS%	Limits
TSS	<2	12220	12140	0.66	20	90	80-120

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(512) 891-7777 * www.integritytestingaustin.com

Eric Haydon
North Cameron Regional WSC

Rio Hondo, Texas 78583

Report Date: 10/01/2025
Report #: I252523
Project ID: North Cameron WTP Permit Renewal

QC REPORT

QC Batch ID: QC22846 **Matrix:** Water

QC Results

Analyte	Blank	MS%	MSD%	Limits	RPD	Limit	LCS%	LCSD%	Limits	RPD	Limit
Chloride	<0.1	100	100	90-110	0	20	100	100	90-110	0	20
Fluoride	<0.02	101	102	90-110	0.99	20	104	103	90-110	0.97	20
Nitrate-N	<0.1	101	101	90-110	0	20	101	101	90-110	0	20
Sulfate	<0.1	100	100	90-110	0	20	99	100	90-110	1	20

8127 Mesa Dr. #C-305 * Austin, TX. 78759
(512) 891-7777 * www.integritytestingaustin.com

Eric Haydon
North Cameron Regional WSC

Rio Hondo, Texas 78583

Report Date: 10/01/2025
Report #: I252523
Project ID: North Cameron WTP Permit Renewal

QC REPORT

QC Batch ID: QC22855 **Matrix:** Water

QC Results

Analyte	Blank	MS%	MSD%	Limits	RPD	Limit	LCS%	LCSD%	Limits	RPD	Limit
Total Phosphorus	<0.02	81	86	80-120	6	20	109	107	85-115	1.9	20

8127 Mesa Dr. #C-305 * Austin, TX. 78759
(512) 891-7777 * www.integritytestingaustin.com

Eric Haydon
North Cameron Regional WSC

Rio Hondo, Texas 78583

Report Date: 10/01/2025
Report #: I252523
Project ID: North Cameron WTP Permit Renewal

QC REPORT

QC Batch ID: QC22893 **Matrix:** Water

QC Results

Analyte	Blank	Sample	DUP	RPD	Limit	LCS%	Limits
Total Dissolved Solids(TDS)	<10	12160	12130	0.25	5	96	90-110

CHAIN OF CUSTODY

INTEGRITY testing

COC Number I252523

Name	Eric Hayon
Company	East Rio Hondo WSC
Address	29528 FM 510
City/State/Zip	San Benito, TX 78586
Phone	(956) 399-8709
FAX	
e-mail	elhaydon@erhwsc.com, jvgarcia@erhwsc.com
Project	North Cameron WTP Permit Renewal
Reference/PO	
Collected By	Alex Rodriguez

Turnaround Time Requested:
- [x] Standard
- [ ] 5-Day
- [ ] 3-Day
- [ ] 2-Day
- [ ] Next-Day
- [ ] Same-Day

Reporting Requirements:
- [x] Standard
- [ ] TRRP
- [ ] PST
- [ ] _____

Type/# of Sample Containers / **Analysis Requested**

Sample Description	Date	Time	Matrix	1/2 Gallon Plastic	120mL H2SO4	BOD	CBOD	COD	DO	TSS	Nitrate	Total Phosphorus	TDS	Sulfate	Chloride	Fluoride	Lab #
24-Hr Composite Sample	9-24-25	945	water	1	1	x	x	x	x	x	x	x	x	x	x	x	1

Relinquished By	Date	Time	Received By	Date / Time
	9-24-25	1:25		9-24-25 1:25
Relinquished By	Date	Time	Received By	Date / Time
	9-24-25	2300		
Relinquished By	Date	Time	Received By Laboratory	Date / Time
				9/25/25 8:00

Comments:

Actual Temp: 0.9 C Ice present (Y) N

Corr. Temp: 0.9 C IR Gun # 1

INTEGRITY testing

SAMPLE RECEIPT CHECKLIST

Laboratory Number I252523 Checklist Completed by SM

Custody

Custody seals present?	(Yes)	No	
Custody seals intact?	(Yes)	No	NA
Chain-of-Custody included?	(Yes)	No	
Chain-of-Custody signed and dated by client?	(Yes)	No	
Samples collected and delivered the same day?	Yes	(No)	
Samples received within holding time?	(Yes)	No	

Thermal Preservation >0°C to 6°C

Thermal Preservation Applicable	(Yes)	No	
Samples received on ice?	(Yes)	No	

Uncorrected Temperature 0.9 °C Corrected Temperature 0.96 °C

IR Gun# 1

Sample Numbers Unacceptable _____

Samples

Samples properly labeled?	(Yes)	No	
Sample containers intact?	(Yes)	No	
Chain-of-Custody information matches samples?	(Yes)	No	
Chain-of-Custody filled out correctly and completely?	(Yes)	No	
Sample volume sufficient for requested analyses?	(Yes)	No	
Were samples received in hermetically sealed containers?	Yes	No	(NA)
Volatile vials received with no headspace?	Yes	No	(NA)
BOD/CBOD samples contain residual chlorine?	Yes	(No)	NA

Chlorine residual strip lot# 3251A

Sample Numbers Unacceptable 1

Chemical Preservation - pH

Chemical Preservation Applicable	(Yes)	No	
pH acceptable upon receipt?	(Yes)	No	NA

pH paper lot # pH-001

Were unacceptable preservations adjusted upon receipt?	Yes	No	(NA)

Sample Numbers/Fraction Unacceptable: _____

Date _____ and Time _____ of preservation

Adjusted by: _____

Chemical Name _____ Lot# _____

Subcontracting

Sample Numbers Subcontracted: _____

Samples subcontracted to: _____

Analyses Subcontracted: _____

Shipped Via: _____

Date Shipped: _____

Comments: _____

_____

8127 Mesa Dr., #C-305, Austin, TX 78759 (512) 891 7777 www.integritytestingaustin.com

INTEGRITY testing

8127 Mesa Dr. #C-305 * Austin, TX. 78759
(512) 891-7777 * www.integritytestingaustin.com

Eric Haydon
North Cameron Regional WSC

Rio Hondo, Texas 78583

Report Date: 10/01/2025
Report #: I252523
Project ID: North Cameron WTP Permit Renewal

QUALIFIERS AND ACRONYMS

Qualifier	Description
B	Analyte detected in the associated method blank above the detection limit
E	Concentration exceeds the calibration range of the instrument
H	Analyzed outside holding time
J	Indicates an estimated value
*	Value outside QC limits
D	Diluted analyte
N	This identification is based on a mass spectral library search, indicates presumptive evidence of a compound
NC	Integrity Testing does not hold TCEQ NELAC drinking water certification for this analyte.
C	Integrity Testing does not hold TCEQ NELAC certification for this analyte.
NR	Accreditation not available for this method
M	Modified Method
FB	Analyte detected in the associated field blank above the detection limit
TB	Analyte detected in the associated Trip/Field blank above the detection limit

Acronym	Description
DCS	Detection Check Study
DUP	Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
Blank	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
SDL	Sample Detection Limit
SUB	Subcontracted Parameter
TRRP	Texas Risk Reduction Program
DF	Dilution Factor
Q	Qualifiers
3540C-M	TCEQ Accepted, Integrity Testing validated modified continuous extraction tumbling method

END OF REPORT

SAN ANTONIO TESTING LABORATORY

October 13, 2025

Chris Ewert
Integrity Testing
8127 Mesa Dr #C-305
Austin, TX 78759

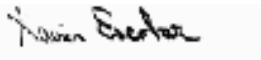
SATL Report No.: 2509506
RE: North Cameron WTP Permit Renewal

Dear Chris Ewert

SATL received 2 Sample(s) on 09/25/2025 for analyses identified on the chain of custody. The analyses were performed using methods indicated on the laboratory report. Any deviations observed at sample receiving are notated on the Sample Receipt Checklist and/or Chain of Custody documents attached as part of this analytical report.

Sincerely,

For San Antonio Testing Laboratory, Inc.



Xavier Escobar
Business Unit Manager

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

Integrity Testing
8127 Mesa Dr #C-305
Austin TX, 78759

Additional Notes:

Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
Project Number: [none]

Reported:
10/13/25 12:20
Received:
09/25/25 08:00

Report No. 2509506

SAMPLE SUMMARY

Total Samples received in this work order: **2**

The following samples were requested for analysis as per the CoC. Any re-runs or re-analyses requested are identified as such.

Sample ID	Laboratory ID	Matrix	Sampling Method	Date Sampled	Date Received
24-Hr Composite	2509506-01	Liquid	24hr Composite	09/24/25 09:45	09/25/25 08:00
Grab Sample	2509506-02	Liquid	Grab	09/24/25 09:45	09/25/25 08:00

Notes

All quality control samples and checks are within acceptance limits unless otherwise indicated.
Test results pertain only to those items tested.
All samples were in good condition when received by the laboratory unless otherwise noted.

Integrity Testing
8127 Mesa Dr #C-305
Austin TX, 78759

Additional Notes:

Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
Project Number: [none]

Reported:
10/13/25 12:20
Received:
09/25/25 08:00

Report No. 2509506

Sample ID #: 24-Hr Composite **Sampling Method: 24hr Composite** **Lab Sample ID #: 2509506-01**

Sample Matrix: Liquid **Date/Time Collected: 09/24/25 09:45**

Analyte	Result	Units	PQL	Prep Method	Batch	Analyzed	Method	Analyst	Notes
General Chemistry									
Total Kjeldahl Nitrogen *	1.12	mg/L	1.00	EPA 351.3	B541192	10/07/25 16:03	EPA 351.3	DD	
Cyanide, Total *	<2	ug/L	2	SM4500-CNC	B540129	09/29/25 14:40	SM4500CN_E	SG	
Oil & Grease (HEM) *	<4.75	mg/L	4.75	EPA 1664A	B541170	10/06/25 18:15	EPA 1664A	DD	Q
Hexavalent Chromium *	<3	ug/L	3	I-1230-85	B539239	09/25/25 12:28	I-1230-85	SG	
Total Mercury by EPA 245.7									
Mercury	<0.005	ng/L	0.005	EPA 245.7	B539265	09/26/25 12:08	EPA 245.7	TW	
Total Metals By ICP-MS									**D1**
Aluminum *	293	ug/L	2	EPA 200.8	B539264	09/30/25 14:06	EPA 200.8	SJ	
Antimony *	<5	ug/L	5	EPA 200.8	B539264	09/30/25 14:06	EPA 200.8	SJ	
Arsenic *	6	ug/L	0.5	EPA 200.8	B539264	09/30/25 14:06	EPA 200.8	SJ	
Barium *	54	ug/L	3	EPA 200.8	B539264	09/30/25 14:06	EPA 200.8	SJ	
Beryllium *	<0.5	ug/L	0.5	EPA 200.8	B539264	09/30/25 14:06	EPA 200.8	SJ	
Cadmium *	<1	ug/L	1	EPA 200.8	B539264	09/30/25 14:06	EPA 200.8	SJ	
Chromium *	<3	ug/L	3	EPA 200.8	B539264	09/30/25 14:06	EPA 200.8	SJ	
Copper *	5	ug/L	2	EPA 200.8	B539264	09/30/25 14:06	EPA 200.8	SJ	
Lead *	<0.5	ug/L	0.5	EPA 200.8	B539264	09/30/25 14:06	EPA 200.8	SJ	
Nickel *	13	ug/L	2	EPA 200.8	B539264	09/30/25 14:06	EPA 200.8	SJ	
Selenium *	41	ug/L	5	EPA 200.8	B539264	09/30/25 14:06	EPA 200.8	SJ	
Silver *	<0.5	ug/L	0.5	EPA 200.8	B539264	09/30/25 14:06	EPA 200.8	SJ	
Thallium *	<0.5	ug/L	0.5	EPA 200.8	B539264	09/30/25 14:06	EPA 200.8	SJ	
Zinc *	103	ug/L	5	EPA 200.8	B539264	09/30/25 14:06	EPA 200.8	SJ	
Trivalent Chromium (Calculated)									
Trivalent Chromium	<3.00	ug/L	3.00	[CALC]	[CALC]	09/30/25 14:06	CALC	SG	

Integrity Testing
8127 Mesa Dr #C-305
Austin TX, 78759

Additional Notes:

Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
Project Number: [none]

Reported:
10/13/25 12:20
Received:
09/25/25 08:00

Report No. 2509506

Sample ID #: 24-Hr Composite **Sampling Method: 24hr Composite** **Lab Sample ID #: 2509506-01**

Sample Matrix: Liquid **Date/Time Collected: 09/24/25 09:45**

Analyte	Result	Units	PQL	Prep Method	Batch	Analyzed	Method	Analyst	Notes
Semivolatile Organic Compounds by GC/MS									
1,2,4,5-Tetrachlorobenzene *	<20	ug/L	20	EPA 625.1	B541261	10/09/25 16:09	EPA 625.1	MF	
2,4,5-Trichlorophenol *	<50	ug/L	50	EPA 625.1	B541261	10/09/25 15:50	EPA 625.1	MF	
2,4-Dimethylphenol *	<10	ug/L	10	EPA 625.1	B541261	10/09/25 15:50	EPA 625.1	MF	
2-Methylphenol [o-Cresol] *	<10	ug/L	10	EPA 625.1	B541261	10/09/25 15:50	EPA 625.1	MF	
3,3´-Dichlorobenzidine	<5	ug/L	5	EPA 625.1	B541261	10/09/25 15:50	EPA 625.1	MF	
Anthracene *	<10	ug/L	10	EPA 625.1	B541261	10/09/25 15:50	EPA 625.1	MF	
Benz(a)anthracene *	<5	ug/L	5	EPA 625.1	B541261	10/09/25 15:50	EPA 625.1	MF	
Benzidine *	<50	ug/L	50	EPA 625.1	B541261	10/09/25 15:50	EPA 625.1	MF	
Benzo(a)pyrene *	<5	ug/L	5	EPA 625.1	B541261	10/09/25 15:50	EPA 625.1	MF	
Bis(2-Chloroethyl)ether *	<10	ug/L	10	EPA 625.1	B541261	10/09/25 15:50	EPA 625.1	MF	
Bis(2-Ethylhexyl)phthalate *	<10	ug/L	10	EPA 625.1	B541261	10/09/25 15:50	EPA 625.1	MF	
Chrysene *	<5	ug/L	5	EPA 625.1	B541261	10/09/25 15:50	EPA 625.1	MF	
Di-n-butylphthalate *	<10	ug/L	10	EPA 625.1	B541261	10/09/25 15:50	EPA 625.1	MF	
Hexachlorobenzene *	<5	ug/L	5	EPA 625.1	B541261	10/09/25 15:50	EPA 625.1	MF	
Hexachlorobutadiene *	<10	ug/L	10	EPA 625.1	B541261	10/09/25 15:50	EPA 625.1	MF	
Hexachlorocyclopentadiene *	<10	ug/L	10	EPA 625.1	B541261	10/09/25 15:50	EPA 625.1	MF	
Hexachloroethane *	<20	ug/L	20	EPA 625.1	B541261	10/09/25 15:50	EPA 625.1	MF	
Nitrobenzene *	<10	ug/L	10	EPA 625.1	B541261	10/09/25 15:50	EPA 625.1	MF	
N-Nitrosodiethylamine *	<20	ug/L	20	EPA 625.1	B541261	10/09/25 15:50	EPA 625.1	MF	
N-Nitroso-di-n-propylamine *	<20	ug/L	20	EPA 625.1	B541261	10/09/25 15:50	EPA 625.1	MF	
Pentachlorobenzene *	<20	ug/L	20	EPA 625.1	B541261	10/09/25 16:09	EPA 625.1	MF	
Pentachlorophenol *	<5	ug/L	5	EPA 625.1	B541261	10/09/25 15:50	EPA 625.1	MF	
Phenanthrene *	<10	ug/L	10	EPA 625.1	B541261	10/09/25 15:50	EPA 625.1	MF	
Pyridine *	<20	ug/L	20	EPA 625.1	B541261	10/09/25 15:50	EPA 625.1	MF	
Surrogate: 2,4,6-Tribromophenol	*64 %*		*5-134*	*EPA 625.1*	*B541261*	*10/09/25 15:50*	*EPA 625.1*	*MF*	
Surrogate: 2-Fluorobiphenyl	*65 %*		*12.8-101*	*EPA 625.1*	*B541261*	*10/09/25 15:50*	*EPA 625.1*	*MF*	
Surrogate: 2-Fluorophenol	*55 %*		*5-101*	*EPA 625.1*	*B541261*	*10/09/25 15:50*	*EPA 625.1*	*MF*	
Surrogate: Nitrobenzene-d5	*55 %*		*10.7-118*	*EPA 625.1*	*B541261*	*10/09/25 15:50*	*EPA 625.1*	*MF*	
Surrogate: Phenol-d5	*25 %*		*5-87*	*EPA 625.1*	*B541261*	*10/09/25 15:50*	*EPA 625.1*	*MF*	

Integrity Testing
8127 Mesa Dr #C-305
Austin TX, 78759

Additional Notes:

Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
Project Number: [none]

Reported:
10/13/25 12:20
Received:
09/25/25 08:00

Report No. 2509506

Sample ID #: 24-Hr Composite **Sampling Method: 24hr Composite** **Lab Sample ID #: 2509506-01**

Sample Matrix: Liquid **Date/Time Collected: 09/24/25 09:45**

Analyte	Result	Units	PQL	Prep Method	Batch	Analyzed	Method	Analyst	Notes
Semivolatile Organic Compounds by GC/MS (Nonylphenol)									
Nonylphenol	<333	ug/L	333	ASTM D7065-11	B541262	10/09/25 16:09	ASTM D7065	MF	
Surrogate: 2,4,6-Tribromophenol	*55 %*	*5-89.9*		*ASTM D7065-11*	*B541262*	*10/09/25 16:09*	*ASTM D7065*	*MF*	
Surrogate: 2-Fluorobiphenyl	*54 %*	*27-111*		*ASTM D7065-11*	*B541262*	*10/09/25 16:09*	*ASTM D7065*	*MF*	
Surrogate: Phenol-d5	*26 %*	*5-64.3*		*ASTM D7065-11*	*B541262*	*10/09/25 16:09*	*ASTM D7065*	*MF*	
Surrogate: 2-Fluorophenol	*38 %*	*5-64.3*		*ASTM D7065-11*	*B541262*	*10/09/25 16:09*	*ASTM D7065*	*MF*	
Surrogate: Terphenyl-d14	*73 %*	*5-114*		*ASTM D7065-11*	*B541262*	*10/09/25 16:09*	*ASTM D7065*	*MF*	
Surrogate: Nitrobenzene-d5	*70 %*	*22-117*		*ASTM D7065-11*	*B541262*	*10/09/25 16:09*	*ASTM D7065*	*MF*	
Polychlorinated Biphenyls [PCB]									
PCB 1016 *	<0.2	ug/L	0.2	EPA 3510C	B540234	10/06/25 18:15	EPA 8082	MF	
PCB 1221 *	<0.2	ug/L	0.2	EPA 3510C	B540234	10/06/25 18:15	EPA 8082	MF	
PCB 1232 *	<0.2	ug/L	0.2	EPA 3510C	B540234	10/06/25 18:15	EPA 8082	MF	
PCB 1242 *	<0.2	ug/L	0.2	EPA 3510C	B540234	10/06/25 18:15	EPA 8082	MF	
PCB 1248 *	<0.2	ug/L	0.2	EPA 3510C	B540234	10/06/25 18:15	EPA 8082	MF	
PCB 1254 *	<0.2	ug/L	0.2	EPA 3510C	B540234	10/06/25 18:15	EPA 8082	MF	
PCB 1260 *	<0.2	ug/L	0.2	EPA 3510C	B540234	10/06/25 18:15	EPA 8082	MF	
Surrogate: Decachlorobiphenyl	*74 %*	*23.6-87.6*		*EPA 3510C*	*B540234*	*10/06/25 18:15*	*EPA 8082*	*MF*	
Surrogate: Tetrachloro-meta-xylene	*54 %*	*14.6-75.2*		*EPA 3510C*	*B540234*	*10/06/25 18:15*	*EPA 8082*	*MF*	
Volatile Organic Compounds by GC/MS									
1,1,1-Trichloroethane *	<10	ug/L	10	EPA 5030B	B541253	10/08/25 18:45	EPA 624.1	ME	
1,1,2,2-Tetrachloroethane *	<10	ug/L	10	EPA 5030B	B541253	10/08/25 18:45	EPA 624.1	ME	
1,1,2-Trichloroethane *	<10	ug/L	10	EPA 5030B	B541253	10/08/25 18:45	EPA 624.1	ME	
1,1-Dichloroethene *	<10	ug/L	10	EPA 5030B	B541253	10/08/25 18:45	EPA 624.1	ME	
1,2-Dibromoethane *	<10	ug/L	10	EPA 5030B	B541253	10/08/25 18:45	EPA 624.1	ME	
1,2-Dichlorobenzene *	<10	ug/L	10	EPA 5030B	B541253	10/08/25 18:45	EPA 624.1	ME	
1,2-Dichloroethane *	<10	ug/L	10	EPA 5030B	B541253	10/08/25 18:45	EPA 624.1	ME	
1,2-Dichloropropane *	<10	ug/L	10	EPA 5030B	B541253	10/08/25 18:45	EPA 624.1	ME	
1,3-Dichlorobenzene *	<10	ug/L	10	EPA 5030B	B541253	10/08/25 18:45	EPA 624.1	ME	
1,3-Dichloropropene	<10	ug/L	10	EPA 5030B	B541253	10/08/25 18:45	EPA 624.1	ME	
1,4-Dichlorobenzene *	<10	ug/L	10	EPA 5030B	B541253	10/08/25 18:45	EPA 624.1	ME	
Acrylonitrile *	<50	ug/L	50	EPA 5030B	B541253	10/08/25 18:45	EPA 624.1	ME	
Benzene *	<10	ug/L	10	EPA 5030B	B541253	10/08/25 18:45	EPA 624.1	ME	
Bromodichloromethane *	<10	ug/L	10	EPA 5030B	B541253	10/08/25 18:45	EPA 624.1	ME	
Carbon Tetrachloride *	<2	ug/L	2	EPA 5030B	B541253	10/08/25 18:45	EPA 624.1	ME	
Chlorobenzene *	<10	ug/L	10	EPA 5030B	B541253	10/08/25 18:45	EPA 624.1	ME	
Chloroform *	<10	ug/L	10	EPA 5030B	B541253	10/08/25 18:45	EPA 624.1	ME	
Chlorodibromomethane *	<10	ug/L	10	EPA 5030B	B541253	10/08/25 18:45	EPA 624.1	ME	
Ethylbenzene *	<10	ug/L	10	EPA 5030B	B541253	10/08/25 18:45	EPA 624.1	ME	
Methyl Ethyl Ketone (2-Butanone) *	<50	ug/L	50	EPA 5030B	B541253	10/08/25 18:45	EPA 624.1	ME	

Integrity Testing
8127 Mesa Dr #C-305
Austin TX, 78759

Additional Notes:

Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
Project Number: [none]

Reported:
10/13/25 12:20
Received:
09/25/25 08:00

Report No. 2509506

Sample ID #: 24-Hr Composite **Sampling Method: 24hr Composite** **Lab Sample ID #: 2509506-01**

Sample Matrix: Liquid **Date/Time Collected: 09/24/25 09:45**

Analyte	Result	Units	PQL		Prep Method	Batch	Analyzed	Method	Analyst	Notes
Volatile Organic Compounds by GC/MS										
Methylene Chloride *	<20	ug/L	20		EPA 5030B	B541253	10/08/25 18:45	EPA 624.1	ME	
Tetrachloroethene *	<10	ug/L	10		EPA 5030B	B541253	10/08/25 18:45	EPA 624.1	ME	CH
Toluene *	<10	ug/L	10		EPA 5030B	B541253	10/08/25 18:45	EPA 624.1	ME	
Trichloroethene *	<10	ug/L	10		EPA 5030B	B541253	10/08/25 18:45	EPA 624.1	ME	
Vinyl chloride [Chloroethene] *	<10	ug/L	10		EPA 5030B	B541253	10/08/25 18:45	EPA 624.1	ME	CH, IE
Total Trihalomethanes *	<10	ug/L	10		EPA 5030B	B541253	10/08/25 18:45	EPA 624.1	ME	
Surrogate: 4-Bromofluorobenzene	*98 %*		*80-106*		*EPA 5030B*	*B541253*	*10/08/25 18:45*	*EPA 624.1*	*ME*	
Surrogate: Dibromofluoromethane	*74 %*		*83-118*	*SurrL*	*EPA 5030B*	*B541253*	*10/08/25 18:45*	*EPA 624.1*	*ME*	
Surrogate: Toluene-d8	*96 %*		*91-109*		*EPA 5030B*	*B541253*	*10/08/25 18:45*	*EPA 624.1*	*ME*	

Integrity Testing
8127 Mesa Dr #C-305
Austin TX, 78759

Additional Notes:

Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
Project Number: [none]

Reported:
10/13/25 12:20
Received:
09/25/25 08:00

Report No. 2509506

Sample ID #: Grab Sample **Sampling Method: Grab** **Lab Sample ID #: 2509506-02**

Sample Matrix: Liquid **Date/Time Collected: 09/24/25 09:45**

Analyte	Result	Units	PQL	Prep Method	Batch	Analyzed	Method	Analyst	Notes
General Chemistry									
Cyanide, Total *	<20	ug/L	20	SM4500-CNC	B540129	09/29/25 14:40	SM4500CN_E	SG	
Oil & Grease (HEM) *	<4.75	mg/L	4.75	EPA 1664A	B541170	10/06/25 18:16	EPA 1664A	DD	Q

Integrity Testing
8127 Mesa Dr #C-305
Austin TX, 78759

Additional Notes:

Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
Project Number: [none]

Reported:
10/13/25 12:20
Received:
09/25/25 08:00

Report No. 2509506

General Chemistry - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B539239 - I-1230-85									
Blank (B539239-BLK1)				Prepared: 09/25/25 12:00 Analyzed: 09/25/25 12:28					
Hexavalent Chromium	<10	10	ug/L						
LCS (B539239-BS1)				Prepared: 09/25/25 12:00 Analyzed: 09/25/25 12:28					
Hexavalent Chromium	384	10	ug/L	400		96	90-110		
LCS Dup (B539239-BSD1)				Prepared: 09/25/25 12:00 Analyzed: 09/25/25 12:28					
Hexavalent Chromium	385	10	ug/L	400		96	90-110	0.3	20
Matrix Spike (B539239-MS1)		**Source: 2509506-01**		Prepared: 09/25/25 12:00 Analyzed: 09/25/25 12:28					
Hexavalent Chromium	386	10	ug/L	400	<10	96	80-120		
Matrix Spike Dup (B539239-MSD1)		**Source: 2509506-01**		Prepared: 09/25/25 12:00 Analyzed: 09/25/25 12:28					
Hexavalent Chromium	384	10	ug/L	400	<10	96	80-120	0.5	20
Batch B540129 - SM4500-CNC									
Blank (B540129-BLK1)				Prepared: 09/29/25 11:00 Analyzed: 09/29/25 14:40					
Cyanide, Total	<20	20	ug/L						
LCS (B540129-BS1)				Prepared: 09/29/25 11:00 Analyzed: 09/29/25 14:40					
Cyanide, Total	106	20	ug/L	100		106	80-120		
LCS Dup (B540129-BSD1)				Prepared: 09/29/25 11:00 Analyzed: 09/29/25 14:40					
Cyanide, Total	104	20	ug/L	100		104	80-120	2	20
Duplicate (B540129-DUP1)		**Source: 2509518-07**		Prepared: 09/29/25 11:00 Analyzed: 09/29/25 14:40					
Cyanide, Total	<20	20	ug/L		<20				20
Matrix Spike (B540129-MS1)		**Source: 2509518-07**		Prepared: 09/29/25 11:00 Analyzed: 09/29/25 14:40					
Cyanide, Total	105	20	ug/L	100	<20	105	80-120		
Matrix Spike Dup (B540129-MSD1)		**Source: 2509518-07**		Prepared: 09/29/25 11:00 Analyzed: 09/29/25 14:40					
Cyanide, Total	105	20	ug/L	100	<20	105	80-120	0	20
Batch B541170 - EPA 1664A									
Blank (B541170-BLK1)				Prepared: 10/06/25 16:00 Analyzed: 10/06/25 18:10					
Oil & Grease (HEM)	<4.75	4.75	mg/L						
LCS (B541170-BS1)				Prepared: 10/06/25 16:00 Analyzed: 10/06/25 18:11					

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Additional Notes:

Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
Project Number: [none]

Reported:
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General Chemistry - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B541170 - EPA 1664A									
LCS (B541170-BS1)				Prepared: 10/06/25 16:00		Analyzed: 10/06/25 18:11			
Oil & Grease (HEM)	41.2	4.75	mg/L	40.0		103	78-114		
LCS Dup (B541170-BSD1)				Prepared: 10/06/25 16:00		Analyzed: 10/06/25 18:12			
Oil & Grease (HEM)	41.5	4.75	mg/L	40.0		104	78-114	0.7	18
Batch B541192 - EPA 351.3									
Blank (B541192-BLK1)				Prepared: 10/07/25 10:00		Analyzed: 10/07/25 16:00			
Total Kjeldahl Nitrogen	<1.00	1.00	mg/L						
LCS (B541192-BS1)				Prepared: 10/07/25 10:00		Analyzed: 10/07/25 16:01			
Total Kjeldahl Nitrogen	20.7	1.00	mg/L	20.0		104	80-120		
LCS Dup (B541192-BSD1)				Prepared: 10/07/25 10:00		Analyzed: 10/07/25 16:02			
Total Kjeldahl Nitrogen	20.7	1.00	mg/L	20.0		104	80-120	0	20
Duplicate (B541192-DUP1)		**Source: 2509506-01**		Prepared: 10/07/25 10:00		Analyzed: 10/07/25 16:04			
Total Kjeldahl Nitrogen	1.12	1.00	mg/L		1.12			0	20
Matrix Spike (B541192-MS1)		**Source: 2509506-01**		Prepared: 10/07/25 10:00		Analyzed: 10/07/25 16:05			
Total Kjeldahl Nitrogen	19.6	1.00	mg/L	20.0	1.12	93	80-120		

Total Mercury by EPA 245.7 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B539265 - EPA 245.7									
Blank (B539265-BLK1)				Prepared: 09/26/25 10:05		Analyzed: 09/26/25 11:48			
Mercury	<5.00	5.00	ng/L						
LCS (B539265-BS1)				Prepared: 09/26/25 10:05		Analyzed: 09/26/25 11:51			
Mercury	25.6	5.00	ng/L	25.0		102	75-125		
LCS Dup (B539265-BSD1)				Prepared: 09/26/25 10:05		Analyzed: 09/26/25 11:54			
Mercury	26.0	5.00	ng/L	25.0		104	75-125	2	25
Matrix Spike (B539265-MS1)		**Source: 2509375-01**		Prepared: 09/26/25 10:05		Analyzed: 09/26/25 12:00			

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Total Mercury by EPA 245.7 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	
Batch B539265 - EPA 245.7										
Matrix Spike (B539265-MS1)		**Source: 2509375-01**		Prepared: 09/26/25 10:05		Analyzed: 09/26/25 12:00				
Mercury	76.7	5.00	ng/L	125	19.4	46	63-111			M
Matrix Spike Dup (B539265-MSD1)		**Source: 2509375-01**		Prepared: 09/26/25 10:05		Analyzed: 09/26/25 12:03				
Mercury	85.8	5.00	ng/L	125	19.4	53	63-111	11	18	M

Total Metals By ICP-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	
Batch B539264 - EPA 200.8										
Duplicate (B539264-DUP1)		**Source: 2509506-01**		Prepared: 09/26/25 09:27		Analyzed: 09/30/25 14:09				
Aluminum	136	100	ug/L		293			74	20	S
Antimony	<50	50	ug/L		<50				20	
Arsenic	7.01	10	ug/L		5.93			17	20	
Barium	52.6	50	ug/L		54.0			3	20	
Beryllium	<10	10	ug/L		0.119				20	
Cadmium	0.232	10	ug/L		0.331			35	20	S
Chromium	5.33	50	ug/L		1.15			129	20	S
Copper	2.76	10	ug/L		4.72			53	20	S
Lead	0.246	10	ug/L		0.486			65	20	S
Nickel	5.75	10	ug/L		13.4			80	20	S
Selenium	42.7	10	ug/L		41.2			4	20	
Silver	<10	10	ug/L		<10				20	
Thallium	0.317	20	ug/L		0.355			12	20	
Zinc	80.1	50	ug/L		103			25	20	S
Matrix Spike (B539264-MS1)		**Source: 2509506-01**		Prepared: 09/26/25 09:27		Analyzed: 09/26/25 15:29				**IS**
Aluminum	482	10	ug/L	1000	293	19	75-125			M
Antimony	107	5	ug/L	100	<5	107	75-125			
Arsenic	69.5	1	ug/L	100	5.93	64	75-125			M
Barium	158	5	ug/L	100	54.0	104	75-125			
Beryllium	35.1	1	ug/L	100	0.119	35	75-125			M
Cadmium	84.8	1	ug/L	100	0.331	85	75-125			
Chromium	46.5	5	ug/L	100	1.15	45	75-125			M

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Additional Notes:

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Total Metals By ICP-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit		
Batch B539264 - EPA 200.8											
Matrix Spike (B539264-MS1)		**Source: 2509506-01**		Prepared: 09/26/25 09:27		Analyzed: 09/26/25 15:29					**IS**
Copper	80.8	1	ug/L	100	4.72	76	75-125				
Lead	103	1	ug/L	100	0.486	102	75-125				
Nickel	47.1	1	ug/L	100	13.4	34	75-125				M
Selenium	95.0	1	ug/L	100	41.2	54	75-125			CL2	M
Silver	76.7	1	ug/L	100	<1	77	75-125				
Thallium	101	2	ug/L	100	0.355	101	75-125				
Zinc	89.8	5	ug/L	100	103	NR	75-125				M
Matrix Spike Dup (B539264-MSD1)		**Source: 2509506-01**		Prepared: 09/26/25 09:27		Analyzed: 09/26/25 15:32					**IS**
Aluminum	487	10	ug/L	1000	293	19	75-125	1	20		M
Antimony	102	5	ug/L	100	<5	102	75-125	5	20		
Arsenic	70.9	1	ug/L	100	5.93	65	75-125	2	20		M
Barium	150	5	ug/L	100	54.0	97	75-125	5	20		
Beryllium	36.6	1	ug/L	100	0.119	36	75-125	4	20		M
Cadmium	80.4	1	ug/L	100	0.331	80	75-125	5	20		
Chromium	47.0	5	ug/L	100	1.15	46	75-125	1	20		M
Copper	78.3	1	ug/L	100	4.72	74	75-125	3	20		M
Lead	99.8	1	ug/L	100	0.486	99	75-125	3	20		
Nickel	47.4	1	ug/L	100	13.4	34	75-125	0.6	20		M
Selenium	91.6	1	ug/L	100	41.2	50	75-125	4	20	CL2	M
Silver	75.4	1	ug/L	100	<1	75	75-125	2	20		
Thallium	97.2	2	ug/L	100	0.355	97	75-125	4	20		
Zinc	87.9	5	ug/L	100	103	NR	75-125	2	20		M

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	
Batch B541261 - EPA 625.1										
Blank (B541261-BLK1)				Prepared: 10/09/25 10:00		Analyzed: 10/09/25 14:44				
1,2,4,5-Tetrachlorobenzene	<5	5	ug/L							
2,4,5-Trichlorophenol	<2	2	ug/L							
2,4-Dimethylphenol	<2	2	ug/L							
2-Methylphenol [o-Cresol]	<2	2	ug/L							

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Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B541261 - EPA 625.1									
Blank (B541261-BLK1)				Prepared: 10/09/25 10:00 Analyzed: 10/09/25 14:26					
3,3´-Dichlorobenzidine	<2	2	ug/L						
Anthracene	<2	2	ug/L						
Benz(a)anthracene	<2	2	ug/L						
Benzidine	<2	2	ug/L						
Benzo(a)pyrene	<2	2	ug/L						
Bis(2-Chloroethyl)ether	<2	2	ug/L						
Bis(2-Ethylhexyl)phthalate	<2	2	ug/L						
Chrysene	<2	2	ug/L						
Di-n-butylphthalate	<2	2	ug/L						
Hexachlorobenzene	<2	2	ug/L						
Hexachlorobutadiene	<2	2	ug/L						
Hexachlorocyclopentadiene	<2	2	ug/L						
Hexachloroethane	<2	2	ug/L						
Nitrobenzene	<2	2	ug/L						
N-Nitrosodiethylamine	<5	5	ug/L						
N-Nitroso-di-n-propylamine	<10	10	ug/L						
Pentachlorobenzene	<5	5	ug/L						
Pentachlorophenol	<2	2	ug/L						
Phenanthrene	<2	2	ug/L						
Pyridine	<2	2	ug/L						
Surrogate: 2,4,6-Tribromophenol	*163*		*ug/L*	*200*		*82*	*5-134*		
Surrogate: 2-Fluorobiphenyl	*66.4*		*ug/L*	*100*		*66*	*12.8-101*		
Surrogate: 2-Fluorophenol	*135*		*ug/L*	*200*		*68*	*5-101*		
Surrogate: Nitrobenzene-d5	*94.9*		*ug/L*	*100*		*95*	*10.7-118*		
Surrogate: Phenol-d5	*96.3*		*ug/L*	*200*		*48*	*5-87*		
LCS (B541261-BS1)				Prepared: 10/09/25 10:00 Analyzed: 10/09/25 15:06					
1,2,4,5-Tetrachlorobenzene	47.5	5	ug/L	80.0		59	25-138		
2,4,5-Trichlorophenol	64.5	2	ug/L	80.0		81	51.3-84.1		
2,4-Dimethylphenol	57.7	2	ug/L	80.0		72	42-120		
2-Methylphenol [o-Cresol]	58.3	2	ug/L	80.0		73	41.8-84.1		
3,3´-Dichlorobenzidine	66.3	2	ug/L	80.0		83	8-213		
Anthracene	69.3	2	ug/L	80.0		87	58-130		
Benz(a)anthracene	72.8	2	ug/L	80.0		91	42-133		
Benzidine	20.4	2	ug/L	80.0		25	18.1-101		
Benzo(a)pyrene	72.5	2	ug/L	80.0		91	32-148		

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Additional Notes:

Project Manager: Chris Ewert
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Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	
Batch B541261 - EPA 625.1										
LCS (B541261-BS1)				Prepared: 10/09/25 10:00 Analyzed: 10/09/25 14:47						
Bis(2-Chloroethyl)ether	70.0	2	ug/L	80.0		88	43-126			
Bis(2-Ethylhexyl)phthalate	68.5	2	ug/L	80.0		86	29-137			
Chrysene	74.2	2	ug/L	80.0		93	44-140			
Di-n-butylphthalate	51.6	2	ug/L	80.0		64	8-120			
Hexachlorobenzene	71.3	2	ug/L	80.0		89	8-142			
Hexachlorobutadiene	47.0	2	ug/L	80.0		59	38-120			
Hexachlorocyclopentadiene	55.6	2	ug/L	80.0		70	7.82-72.2			
Hexachloroethane	44.7	2	ug/L	80.0		56	55-120			
Nitrobenzene	54.3	2	ug/L	80.0		68	54-158			
N-Nitrosodiethylamine	<5	5	ug/L	80.0			27.8-84.4			
N-Nitroso-di-n-propylamine	57.7	10	ug/L	80.0		72	51-94.8			
Pentachlorobenzene	52.1	5	ug/L	80.0		65	43.1-84.4			
Pentachlorophenol	70.1	2	ug/L	80.0		88	38-152			
Phenanthrene	68.7	2	ug/L	80.0		86	65-120			
Pyridine	48.0	2	ug/L	80.0		60	29.2-68.7			
Surrogate: 2,4,6-Tribromophenol	*175*		*ug/L*	*200*		*88*	*5-134*			
Surrogate: 2-Fluorobiphenyl	*60.5*		*ug/L*	*100*		*61*	*12.8-101*			
Surrogate: 2-Fluorophenol	*113*		*ug/L*	*200*		*57*	*5-101*			
Surrogate: Nitrobenzene-d5	*61.9*		*ug/L*	*100*		*62*	*46-219*			
Surrogate: Phenol-d5	*82.6*		*ug/L*	*200*		*41*	*48-208*			*SurrL*
LCS Dup (B541261-BSD1)				Prepared: 10/09/25 10:00 Analyzed: 10/09/25 15:27						
1,2,4,5-Tetrachlorobenzene	48.6	5	ug/L	80.0		61	25-138	2	13.6	
2,4,5-Trichlorophenol	67.4	2	ug/L	80.0		84	51.3-84.1	4	16.1	L
2,4-Dimethylphenol	60.8	2	ug/L	80.0		76	42-120	5	10.7	
2-Methylphenol [o-Cresol]	56.7	2	ug/L	80.0		71	41.8-84.1	3	9.85	
3,3´-Dichlorobenzidine	72.3	2	ug/L	80.0		90	8-213	9	23.3	
Anthracene	66.9	2	ug/L	80.0		84	58-130	3	19.8	
Benz(a)anthracene	76.4	2	ug/L	80.0		96	42-133	5	21.1	
Benzidine	24.5	2	ug/L	80.0		31	18.1-101	18	22.9	
Benzo(a)pyrene	71.4	2	ug/L	80.0		89	32-148	1	18.3	
Bis(2-Chloroethyl)ether	60.0	2	ug/L	80.0		75	43-126	15	12.9	S
Bis(2-Ethylhexyl)phthalate	74.6	2	ug/L	80.0		93	29-137	8	30.9	
Chrysene	76.6	2	ug/L	80.0		96	44-140	3	37.7	
Di-n-butylphthalate	67.2	2	ug/L	80.0		84	8-120	26	15.1	S
Hexachlorobenzene	68.2	2	ug/L	80.0		85	8-142	4	14.5	

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Additional Notes:

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Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	
Batch B541261 - EPA 625.1										
LCS Dup (B541261-BSD1)				Prepared: 10/09/25 10:00		Analyzed: 10/09/25 15:08				
Hexachlorobutadiene	46.3	2	ug/L	80.0		58	38-120	2	14	
Hexachlorocyclopentadiene	54.1	2	ug/L	80.0		68	7.82-72.2	3	23	
Hexachloroethane	42.0	2	ug/L	80.0		52	55-120	6	15	L
Nitrobenzene	56.6	2	ug/L	80.0		71	54-158	4	12.6	
N-Nitrosodiethylamine	<5	5	ug/L	80.0			27.8-84.4		16.4	
N-Nitroso-di-n-propylamine	57.8	10	ug/L	80.0		72	51-94.8	0.1	11	
Pentachlorobenzene	52.6	5	ug/L	80.0		66	43.1-84.4	1	21.7	
Pentachlorophenol	68.5	2	ug/L	80.0		86	38-152	2	14.4	
Phenanthrene	66.2	2	ug/L	80.0		83	65-120	4	19.1	
Pyridine	48.0	2	ug/L	80.0		60	29.2-68.7	0.04	19.3	
Surrogate: 2,4,6-Tribromophenol	*168*		*ug/L*	*200*		*84*	*5-134*			
Surrogate: 2-Fluorobiphenyl	*55.0*		*ug/L*	*100*		*55*	*12.8-101*			
Surrogate: 2-Fluorophenol	*108*		*ug/L*	*200*		*54*	*5-101*			
Surrogate: Nitrobenzene-d5	*67.5*		*ug/L*	*100*		*67*	*46-219*			
Surrogate: Phenol-d5	*81.4*		*ug/L*	*200*		*41*	*48-208*			*SurrL*
Matrix Spike (B541261-MS1)		**Source: 2509506-01**		Prepared: 10/01/25 12:00		Analyzed: 10/09/25 16:31				
1,2,4,5-Tetrachlorobenzene	48.3	5	ug/L	80.0	<5	60	2-200			
2,4,5-Trichlorophenol	69.1	2	ug/L	80.0	<2	86	24.1-108			
2,4-Dimethylphenol	54.1	2	ug/L	80.0	<2	68	32-120			
2-Methylphenol [o-Cresol]	47.7	2	ug/L	80.0	<2	60	18.1-104			
3,3′-Dichlorobenzidine	68.0	2	ug/L	80.0	<2	85	5-262			
Anthracene	67.6	2	ug/L	80.0	<2	85	27-133			
Benz(a)anthracene	72.2	2	ug/L	80.0	<2	90	33-143			
Benzidine	34.3	2	ug/L	80.0	<2	43	5-108			
Benzo(a)pyrene	68.4	2	ug/L	80.0	<2	86	17-163			
Bis(2-Chloroethyl)ether	55.1	2	ug/L	80.0	<2	69	12-158			
Bis(2-Ethylhexyl)phthalate	68.7	2	ug/L	80.0	<2	86	8-158			
Chrysene	71.3	2	ug/L	80.0	<2	89	17-168			
Di-n-butylphthalate	68.3	2	ug/L	80.0	<2	85	1-120			
Hexachlorobenzene	55.5	2	ug/L	80.0	<2	69	5-152			
Hexachlorobutadiene	58.8	2	ug/L	80.0	<2	74	24-120			
Hexachlorocyclopentadiene	60.0	2	ug/L	80.0	<2	75	5-87			
Hexachloroethane	33.9	2	ug/L	80.0	<2	42	40-120			
Nitrobenzene	53.2	2	ug/L	80.0	<2	67	35-180			
N-Nitrosodiethylamine	<5	5	ug/L	80.0	<5		43.8-72.7			

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Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
Project Number: [none]

Reported:
10/13/25 12:20
Received:
09/25/25 08:00

Report No. 2509506

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B541261 - EPA 625.1									
Matrix Spike (B541261-MS1)		**Source: 2509506-01**		Prepared: 10/01/25 12:00		Analyzed: 10/09/25 16:10			
N-Nitroso-di-n-propylamine	38.8	10	ug/L	80.0	<10	49	46.5-86.3		
Pentachlorobenzene	52.0	5	ug/L	80.0	<5	65	54.7-80		
Pentachlorophenol	76.8	2	ug/L	80.0	<2	96	14-176		
Phenanthrene	66.9	2	ug/L	80.0	<2	84	54-120		
Pyridine	44.0	2	ug/L	80.0	<2	55	3.89-92.1		
Surrogate: 2,4,6-Tribromophenol	*166*		*ug/L*	*200*		*83*	*5-134*		
Surrogate: 2-Fluorobiphenyl	*68.6*		*ug/L*	*100*		*69*	*12.8-101*		
Surrogate: 2-Fluorophenol	*117*		*ug/L*	*200*		*59*	*5-101*		
Surrogate: Nitrobenzene-d5	*62.2*		*ug/L*	*100*		*62*	*15-314*		
Surrogate: Phenol-d5	*92.4*		*ug/L*	*200*		*46*	*8-424*		

Semivolatile Organic Compounds by GC/MS (Nonylphenol) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B541262 - ASTM D7065-11									
Blank (B541262-BLK1)				Prepared: 10/09/25 10:00		Analyzed: 10/09/25 14:44			
Nonylphenol	<50	50	ug/L						
Surrogate: 2,4,6-Tribromophenol	*137*		*ug/L*	*200*		*69*	*5-89.9*		
Surrogate: Phenol-d5	*99.0*		*ug/L*	*200*		*50*	*5-64.3*		
Surrogate: 2-Fluorobiphenyl	*55.9*		*ug/L*	*100*		*56*	*27-111*		
Surrogate: 2-Fluorophenol	*116*		*ug/L*	*200*		*58*	*5-64.3*		
Surrogate: Terphenyl-d14	*85.4*		*ug/L*	*100*		*85*	*5-114*		
Surrogate: Nitrobenzene-d5	*84.7*		*ug/L*	*100*		*85*	*22-117*		
LCS (B541262-BS1)				Prepared: 10/09/25 10:00		Analyzed: 10/09/25 15:06			
Nonylphenol	408	50	ug/L	500		82	32.3-103		
Surrogate: 2,4,6-Tribromophenol	*159*		*ug/L*	*200*		*79*	*5-89.9*		
Surrogate: 2-Fluorobiphenyl	*59.1*		*ug/L*	*100*		*59*	*27-111*		
Surrogate: Phenol-d5	*83.0*		*ug/L*	*200*		*41*	*5-64.3*		
Surrogate: Terphenyl-d14	*82.0*		*ug/L*	*100*		*82*	*5-114*		
Surrogate: 2-Fluorophenol	*99.1*		*ug/L*	*200*		*50*	*5-64.3*		
Surrogate: Nitrobenzene-d5	*82.9*		*ug/L*	*100*		*83*	*22-117*		

Integrity Testing
8127 Mesa Dr #C-305
Austin TX, 78759

Additional Notes:

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Project Number: [none]

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Received:
09/25/25 08:00

Report No. 2509506

Semivolatile Organic Compounds by GC/MS (Nonylphenol) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B541262 - ASTM D7065-11									
LCS Dup (B541262-BSD1)				Prepared: 10/09/25 10:00 Analyzed: 10/09/25 15:27					
Nonylphenol	417	50	ug/L	500		83	32.3-103	2	21.4
Surrogate: 2,4,6-Tribromophenol	*158*		*ug/L*	*200*		*79*	*5-89.9*		
Surrogate: Phenol-d5	*80.5*		*ug/L*	*200*		*40*	*5-64.3*		
Surrogate: 2-Fluorobiphenyl	*56.9*		*ug/L*	*100*		*57*	*27-111*		
Surrogate: 2-Fluorophenol	*91.8*		*ug/L*	*200*		*46*	*5-64.3*		
Surrogate: Terphenyl-d14	*82.1*		*ug/L*	*100*		*82*	*5-114*		
Surrogate: Nitrobenzene-d5	*79.6*		*ug/L*	*100*		*80*	*22-117*		
Matrix Spike (B541262-MS1)		**Source: 2509506-01**		Prepared: 10/01/25 12:00 Analyzed: 10/09/25 16:31					
Nonylphenol	396	50	ug/L	500	<50	79	26-117		
Surrogate: 2,4,6-Tribromophenol	*152*		*ug/L*	*200*		*76*	*5-89.9*		
Surrogate: Phenol-d5	*95.4*		*ug/L*	*200*		*48*	*5-64.3*		
Surrogate: 2-Fluorobiphenyl	*59.1*		*ug/L*	*100*		*59*	*27-111*		
Surrogate: Terphenyl-d14	*79.5*		*ug/L*	*100*		*80*	*5-114*		
Surrogate: 2-Fluorophenol	*96.3*		*ug/L*	*200*		*48*	*5-64.3*		
Surrogate: Nitrobenzene-d5	*82.3*		*ug/L*	*100*		*82*	*22-117*		

Polychlorinated Biphenyls [PCB] - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B540234 - EPA 3510C									
Blank (B540234-BLK1)				Prepared: 10/02/25 09:00 Analyzed: 10/02/25 13:56					
PCB 1016	<0.5	0.5	ug/L						
PCB 1221	<0.5	0.5	ug/L						
PCB 1232	<0.5	0.5	ug/L						
PCB 1242	<0.5	0.5	ug/L						
PCB 1248	<0.5	0.5	ug/L						
PCB 1254	<0.5	0.5	ug/L						
PCB 1260	<0.5	0.5	ug/L						
Surrogate: Decachlorobiphenyl	*37.7*		*ug/L*	*50.0*		*75*	*23.6-87.6*		
Surrogate: Tetrachloro-meta-xylene	*26.5*		*ug/L*	*50.0*		*53*	*14.6-75.2*		
LCS (B540234-BS1)				Prepared: 10/02/25 09:00 Analyzed: 10/02/25 14:07					

Integrity Testing
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Austin TX, 78759

Additional Notes:

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Received:
09/25/25 08:00

Report No. 2509506

Polychlorinated Biphenyls [PCB] - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B540234 - EPA 3510C									
LCS (B540234-BS1)				Prepared: 10/02/25 09:00		Analyzed: 10/02/25 14:07			
PCB 1016	3.26	0.5	ug/L	5.00		65	38.4-106		
PCB 1260	3.84	0.5	ug/L	5.00		77	49.5-108		
Surrogate: Decachlorobiphenyl	*38.4*		*ug/L*	*50.0*		*77*	*23.6-87.6*		
Surrogate: Tetrachloro-meta-xylene	*27.2*		*ug/L*	*50.0*		*54*	*14.6-75.2*		
LCS Dup (B540234-BSD1)				Prepared: 10/02/25 09:00		Analyzed: 10/02/25 14:19			
PCB 1016	3.25	0.5	ug/L	5.00		65	38.4-106	0.3	37.3
PCB 1260	3.87	0.5	ug/L	5.00		77	49.5-108	0.6	16.5
Surrogate: Decachlorobiphenyl	*38.4*		*ug/L*	*50.0*		*77*	*23.6-87.6*		
Surrogate: Tetrachloro-meta-xylene	*27.4*		*ug/L*	*50.0*		*55*	*14.6-75.2*		
Matrix Spike (B540234-MS1)		**Source: 2509510-17**		Prepared: 10/02/25 09:00		Analyzed: 10/02/25 14:52			
PCB 1016	7.15	0.5	ug/L	10.0	<0.5	71	20.4-120		
PCB 1260	7.63	0.5	ug/L	10.0	<0.5	76	0.631-145		
Surrogate: Decachlorobiphenyl	*38.0*		*ug/L*	*50.0*		*76*	*23.6-87.6*		
Surrogate: Tetrachloro-meta-xylene	*26.6*		*ug/L*	*50.0*		*53*	*14.6-75.2*		

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	
Batch B541253 - EPA 5030B										
Blank (B541253-BLK1)				Prepared: 10/07/25 17:22		Analyzed: 10/08/25 07:09				
1,1,1-Trichloroethane	<5	5	ug/L							
1,1,2,2-Tetrachloroethane	<5	5	ug/L							CL
1,1,2-Trichloroethane	<5	5	ug/L							
1,1-Dichloroethene	<5	5	ug/L							
1,2-Dibromoethane	<5	5	ug/L							
1,2-Dichlorobenzene	<5	5	ug/L							
1,2-Dichloroethane	<5	5	ug/L							
1,2-Dichloropropane	<5	5	ug/L							
1,3-Dichlorobenzene	<5	5	ug/L							
1,3-Dichloropropene	<10	10	ug/L							
1,4-Dichlorobenzene	<5	5	ug/L							

Integrity Testing
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Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	
Batch B541253 - EPA 5030B										
Blank (B541253-BLK1)				Prepared: 10/07/25 17:22 Analyzed: 10/08/25 07:09						
Acrylonitrile	<5	5	ug/L							
Benzene	<5	5	ug/L							
Bromodichloromethane	<5	5	ug/L							
Bromoform	<5	5	ug/L							
Carbon Tetrachloride	<5	5	ug/L							
Chlorobenzene	<5	5	ug/L							
Chloroform	<5	5	ug/L							
Chlorodibromomethane	<5	5	ug/L							
Ethylbenzene	<5	5	ug/L							
Methyl Ethyl Ketone (2-Butanone)	<5	5	ug/L							
Methylene Chloride	<5	5	ug/L							
Tetrachloroethene	<5	5	ug/L							CH
Toluene	<5	5	ug/L							
Trichloroethene	<5	5	ug/L							
Vinyl chloride [Chloroethene]	<5	5	ug/L							CH, IH
Surrogate: 4-Bromofluorobenzene	*37.6*		*ug/L*	*50.0*		*75*	*80-106*			*SurrL*
Surrogate: Dibromofluoromethane	*31.4*		*ug/L*	*50.0*		*63*	*83-118*			*SurrL*
Surrogate: Toluene-d8	*47.7*		*ug/L*	*50.0*		*95*	*91-109*			
LCS (B541253-BS1)				Prepared: 10/07/25 17:22 Analyzed: 10/08/25 05:48						
1,1,1-Trichloroethane	53.2	5	ug/L	50.0		106	70-130			
1,1,2,2-Tetrachloroethane	40.7	5	ug/L	50.0		81	60-140			CL
1,1,2-Trichloroethane	55.2	5	ug/L	50.0		110	70-130			
1,1-Dichloroethene	52.5	5	ug/L	50.0		105	50-150			
1,2-Dibromoethane	54.1	5	ug/L	50.0		108	71.6-124			
1,2-Dichlorobenzene	47.8	5	ug/L	50.0		96	65-135			
1,2-Dichloroethane	54.3	5	ug/L	50.0		109	70-130			
1,2-Dichloropropane	53.3	5	ug/L	50.0		107	35-165			
1,3-Dichlorobenzene	51.1	5	ug/L	50.0		102	70-130			
1,3-Dichloropropene	<10	10	ug/L				0-200			
1,4-Dichlorobenzene	50.1	5	ug/L	50.0		100	65-135			
Acrylonitrile	49.8	5	ug/L	50.0		100	60-140			
Benzene	53.4	5	ug/L	50.0		107	65-135			
Bromodichloromethane	54.6	5	ug/L	50.0		109	65-135			
Bromoform	51.5	5	ug/L	50.0		103	70-130			
Carbon Tetrachloride	51.8	5	ug/L	50.0		104	70-130			

Integrity Testing
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Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	
Batch B541253 - EPA 5030B										
LCS (B541253-BS1)				Prepared: 10/07/25 17:22 Analyzed: 10/08/25 05:48						
Chlorobenzene	51.7	5	ug/L	50.0		103	65-135			
Chloroform	56.0	5	ug/L	50.0		112	70-135			
Chlorodibromomethane	54.4	5	ug/L	50.0		109	70-135			
Ethylbenzene	52.1	5	ug/L	50.0		104	60-140			
Methyl Ethyl Ketone (2-Butanone)	47.5	5	ug/L	50.0		95	56.5-136			
Methylene Chloride	57.6	5	ug/L	50.0		115	60-140			
Tetrachloroethene	77.3	5	ug/L	50.0		155	70-130			CH L
Toluene	53.8	5	ug/L	50.0		108	70-130			
Trichloroethene	58.8	5	ug/L	50.0		118	65-135			
Vinyl chloride [Chloroethene]	121	5	ug/L	50.0		241	5-195			CH, IH L
Surrogate: 4-Bromofluorobenzene	*53.4*		*ug/L*	*50.0*		*107*	*80-106*			*SurrH*
Surrogate: Dibromofluoromethane	*31.4*		*ug/L*	*50.0*		*63*	*83-118*			*SurrL*
Surrogate: Toluene-d8	*52.4*		*ug/L*	*50.0*		*105*	*91-109*			
LCS Dup (B541253-BSD1)				Prepared: 10/07/25 17:22 Analyzed: 10/08/25 06:15						
1,1,1-Trichloroethane	52.2	5	ug/L	50.0		104	70-130	2	36	
1,1,2,2-Tetrachloroethane	39.3	5	ug/L	50.0		79	60-140	4	61	CL
1,1,2-Trichloroethane	53.6	5	ug/L	50.0		107	70-130	3	45	
1,1-Dichloroethene	52.2	5	ug/L	50.0		104	50-150	0.6	32	
1,2-Dibromoethane	53.4	5	ug/L	50.0		107	71.6-124	1	20.3	
1,2-Dichlorobenzene	48.3	5	ug/L	50.0		97	65-135	0.9	57	
1,2-Dichloroethane	53.9	5	ug/L	50.0		108	70-130	0.7	49	
1,2-Dichloropropane	52.7	5	ug/L	50.0		105	35-165	1	55	
1,3-Dichlorobenzene	50.9	5	ug/L	50.0		102	70-130	0.3	43	
1,3-Dichloropropene	<10	10	ug/L				0-200		200	
1,4-Dichlorobenzene	49.5	5	ug/L	50.0		99	65-135	1	57	
Acrylonitrile	50.6	5	ug/L	50.0		101	60-140	2	60	
Benzene	52.8	5	ug/L	50.0		106	65-135	1	61	
Bromodichloromethane	54.3	5	ug/L	50.0		109	65-135	0.6	56	
Bromoform	51.0	5	ug/L	50.0		102	70-130	1	42	
Carbon Tetrachloride	51.3	5	ug/L	50.0		103	70-130	0.9	41	
Chlorobenzene	50.8	5	ug/L	50.0		102	65-135	2	53	
Chloroform	55.1	5	ug/L	50.0		110	70-135	2	54	
Chlorodibromomethane	53.7	5	ug/L	50.0		107	70-135	1	50	
Ethylbenzene	51.2	5	ug/L	50.0		102	60-140	2	63	
Methyl Ethyl Ketone (2-Butanone)	47.4	5	ug/L	50.0		95	56.5-136	0.1	30.7	

Integrity Testing
8127 Mesa Dr #C-305
Austin TX, 78759

Additional Notes:

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Received:
09/25/25 08:00

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Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	
Batch B541253 - EPA 5030B										
LCS Dup (B541253-BSD1)				Prepared: 10/07/25 17:22 Analyzed: 10/08/25 06:15						
Methylene Chloride	56.7	5	ug/L	50.0		113	60-140	2	28	
Tetrachloroethene	75.9	5	ug/L	50.0		152	70-130	2	39	CH L
Toluene	52.3	5	ug/L	50.0		105	70-130	3	41	
Trichloroethene	57.5	5	ug/L	50.0		115	65-135	2	48	
Vinyl chloride [Chloroethene]	123	5	ug/L	50.0		246	5-195	2	66	CH, IH L
Surrogate: 4-Bromofluorobenzene	*52.7*		*ug/L*	*50.0*		*105*	*80-106*			
Surrogate: Dibromofluoromethane	*32.4*		*ug/L*	*50.0*		*65*	*83-118*			*SurrL*
Surrogate: Toluene-d8	*51.4*		*ug/L*	*50.0*		*103*	*91-109*			

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SAMPLE QUALIFIERS

Q	Additional Sample volumes were NOT provided to the laboratory for the analysis of an MS sample as required by EPA Method 1664.
IS	Internal standard recovery is outside the recommended limits
IH	ICV recovery is outside QC limits, the results may have a slight high bias.
D1	Dilution analysis was performed because internal standard recoveries were outside acceptable range, due to matrix interference.
CL2	Ending CCV recovery is outside QC limits, the results may have a slight low bias.
CL	CCV recovery is outside QC limits, the results may have a slight low bias.
CH	CCV recovery is outside QC limits, the results may have a slight high bias.

DEFINITIONS

*	TNI / NELAC accredited analyte
PQL	Practical Quantitation Limit
MCL	Maximum Contaminant Level
mg/Kg	Milligrams per Kilogram (Parts per Million)
mg/L	Milligrams per Liter (Parts per Million)
PPM	Parts per Million
L	LCS recovery is outside QC acceptance limits, the results may have a slight bias.
M	MS recovery is outside QC limits, the results may have a slight bias due to possible matrix interferences.
NR	Not Recovered due to source sample concentration exceeds spiked concentration.
RMCCL	Recommended Maximum Concentration of Contaminants Level
Surr L	Surrogate recovery is low outside QC limits.
Surr H	Surrogate recovery is high outside QC limits.
HT	Sample received past holdtime
IC	Improper Container for this analyte(s)
IP	Improper preservation for this analyte(s)
IT	Improper Temperature
V	Inssuficient Volume
B	Sample collected in Bulk
S	RPD is outside QC limits.
AB	VOA Vial contained air bubbles.
OP	ortho-Phosphate was not filtered in the field within 15minutes of collection.
CCV	Continuing Calibration Verification Standard.
ICV	Initial Calibration Verification Standard.

Test Methods followed by the laboratory are referenced in the following approved methodology, unless otherwise specified.

Standard Methods for the Examination of Water and Wastewater, 23rd Edition, 2017
Methods for Chemical Analysis of Water and Wastes, EPA 600/4-79-020, Rev. March 1983
EPA SW Test Methods for the Examination of Solid Waste, SW-846, 1996

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Additional Notes:

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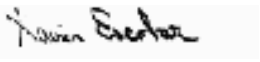
Subcontracted Analyses

Subcontractor Lab	Lab Number	Analysis
Eurofins - Arkansas	2509506-01	TOC

Subcontractor Lab	Lab Number	Analysis
Eurofins - Houston	2509506-01	BisphenolA_SUB
Eurofins - Houston	2509506-01	Epichlorohydrin_SUB
Eurofins - Houston	2509506-01	Ethylene Glycol_SUB

Aimee Landon For Marissa Esquivel, Lab Manager For



Xavier Escobar, Business Unit Manager

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

CHAIN-OF-CUSTODY RECORD

SAN ANTONIO TESTING LABORATORY, LLC
1610 S. Laredo Street, San Antonio, Texas 78207
Phone (210) 229-9920
Fax (210) 229-9921
www.satestinglab.com

REPORT TO:	INVOICE TO:	P.O. #
COMPANY Integrity Testing	COMPANY same	REPORT NUMBER 2509506
ADDRESS 8127 Mesa Dr. #C-305	ADDRESS	
CITY / STATE / ZIP Austin, TX 78759	CITY / STATE / ZIP	E-MAIL cewert@austin.rr.com
ATTN: Chris Ewert 512-891-7777 PHONE #	ATTN: PHONE #	

REQUESTED TURNAROUND TIME IN BUSINESS DAYS & SURCHARGE: ☒ 7-10 Days REG ☐ 5 Days +25% ☐ 4 Days +50% ☐ 3 DAYS +75% ☐ 2 DAYS +100% ☐ Next Day +150% ☐ SAME DAY WHEN POSSIBLE +300%

PROJECT NAME/LOCATION/SITE: North Cameron WTP Permit Renewal

THE TURNAROUND TIME FOR SAMPLES RECEIVED AFTER 3:00 PM SHALL BEGIN AT 8:00 AM THE FOLLOWING BUSINESS DAY / SPECIAL REQ.:

DATA TO TCEQ ☐ RRC ☐ Other (Specify) ☑ — Field: pH:____; Temp:____ °C; LCS/D:____ / ____; Dup:____

PROJECT NO.

SAMPLE TEMPERATURE WITHIN COMPLIANCE (> 0°C ≤ 6°C) ☒ YES ☐ NO
PROPER CONTAINERS ☒ YES ☐ NO
INSUFFICIENT SAMPLE AMOUNT FOR (TCLP/SPLP/OTHER): IF NO, INITIAL HERE TO AUTHORIZE ANALYSIS ____ AUTHORIZE TO PROCEED ☐ YES ☒ NO

SAMPLED BY: Alex Rodriguez

OBSERVED TEMP. 1.8C / CORRECTED TEMP. 1.8C / TEMP. I.R. GUN # 9 / SAMPLE ICED ☒ YES ☐ NO

TRRP 13 ☐ APPENDIX A ☐ LPST PCLS ☐ LOW LEVEL ☐ PST ☐ SIM ☐ TSDF Class 2 ☐ PERMIT ☐

ANALYSIS REQUESTED

Analysis columns: BTEX/MTBE 8260 / TPH TX1005/TX1006; Metals 8 / 11 / 12 / 13 / TCLP / SPLP / Total; PAH / SVOC / 8270 / 625 / TCLP / SPLP / Total; VOC / 8260 / 624 / TCLP / SPLP / Total; Water Quality - Drinking / Livestock / Irrigation; Coli / TC / FC / HPC / EColi / Enterococci / Q-Tray; Br / Cl / F / NO3 / NO2/O-P / SO4; PCB / 608 / 8082A; OC Pest / 608 / 8081A / TCLP / SPLP / Total; SEE ATTACHED; OIL + GREASE; AVAILABLE CYANIDE. PRESERVED WITH: ICE; HNO3; H2SO4; NaOH; HCl; MeOH; PRESERVED IN THE LAB; COMPOSITED IN THE LAB; FILTERED IN THE LAB; FILTERED IN THE FIELD.

SAMPLE NUMBER	DATE	TIME	DRINKING WATER	NON-POTABLE WATER	COMPOSITE	GRAB	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	SAMPLE AMOUNT	SEE ATTACHED	OIL + GREASE	AVAILABLE CYANIDE	REMARKS
1				✓	✓		24-Hr Composite	29	*	X			Sample labels say collected at 9-24-25 9:45
2				✓	✓		Grab Sample	2	**		X	X	

* 1x250mL NaOH Plastic
1x250mL HNO3 Plastic
1x500mL HCL Glass
4x1L Amber Glass
1x120mL H2SO4 Plastic
8x VOA HCL
6x VOA unp.
3x VOA pH 4-5
4x VOA amber unp.

** 1x1L H2SO4 Glass
1x250mL NaOH Plastic

RELINQUISHED BY (SIGNATURE)	DATE / TIME	RECEIVED BY (SIGNATURE)	DATE / TIME	RELINQUISHED BY (SIGNATURE)	DATE / TIME	RECEIVED BY (SIGNATURE)	DATE / TIME
[signature]	9-24-25 1:25	[signature]	9-24-25 1:25	[signature]	9-24-25 2300	[signature]	9-25-25 0800
RELINQUISHED BY (PRINT NAME)	DATE / TIME	RECEIVED BY (PRINT NAME) Jarrod Kohl	DATE / TIME	RELINQUISHED BY (PRINT NAME) Jarrod Kohl	DATE / TIME	RECEIVED BY (PRINT NAME) Hannah Thompson	DATE / TIME
RELINQUISHED BY (SIGNATURE)	DATE / TIME	RECEIVED BY (SIGNATURE)	DATE / TIME	METHOD OF SHIPMENT Courier		SUBCONTRACTED ☐ YES ☐ NO Glycol	
RELINQUISHED BY (PRINT NAME)	DATE / TIME	RECEIVED BY (PRINT NAME)	DATE / TIME	BULK ☐ (Initial) 5035 ☐ N/A ☒		CUSTODY SEAL IN PLACE & INTACT ☒ YES ☐ NO	

INDUSTRIAL WASTEWATER PERMIT APPLICATION
WORKSHEET 2.0: POLLUTANT ANALYSIS

Worksheet 2.0 **is required** for all applications submitted for a TPDES permit. Worksheet 2.0 is not required for applications for a permit to dispose of all wastewater by land disposal or for discharges solely of stormwater associated with industrial activities.

Item 1. General Testing Requirements (Instructions, Page 55)

a. Provide the date range of all sampling events conducted to obtain the analytical data submitted with this application (e.g., 05/01/2018-05/30/2018): Click to enter text.

b. ☐ Check the box to confirm all samples were collected no more than 12 months prior to the date of application submittal.

c. Read the general testing requirements in the instructions for important information about sampling, test methods, and MALs. If a contact laboratory was used, attach a list which includes the name, contact information, and pollutants analyzed for each laboratory/firm. **Attachment:** Click to enter text.

Item 2. Specific Testing Requirements (Instructions, Page 56)

Attach correspondence from TCEQ approving submittal of less than the required number of samples, if applicable. **Attachment:** Click to enter text.

TABLE 1 and TABLE 2 (Instructions, Page 58)

Completion of Tables 1 and 2 is required for all external outfalls for all TPDES permit applications.

Table 1 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	Sample 1 (mg/L)	Sample 2 (mg/L)	Sample 3 (mg/L)	Sample 4 (mg/L)
~~BOD (5-day)~~				
~~CBOD (5-day)~~				
~~Chemical oxygen demand~~				
* Total organic carbon				
~~Dissolved oxygen~~				
~~Ammonia nitrogen~~				
~~Total suspended solids~~				
~~Nitrate nitrogen~~				
* ~~Total organic nitrogen~~ TOTAL KJELDAHL NITROGEN				
~~Total phosphorus~~				
* Oil and grease GRAB SAMPLE				
~~Total residual chlorine~~				

Pollutant	Sample 1 (mg/L)	Sample 2 (mg/L)	Sample 3 (mg/L)	Sample 4 (mg/L)
~~Total dissolved solids~~				
~~Sulfate~~				
~~Chloride~~				
~~Fluoride~~				
~~Total alkalinity (mg/L as CaCO3)~~				
~~Temperature (°F)~~				
~~pH (standard units)~~				

Table 2 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	Sample 1 (µg/L)	Sample 2 (µg/L)	Sample 3 (µg/L)	Sample 4 (µg/L)	MAL (µg/L)
Aluminum, total					2.5
Antimony, total					5
Arsenic, total					0.5
Barium, total					3
Beryllium, total					0.5
Cadmium, total					1
Chromium, total					3
Chromium, hexavalent					3
Chromium, trivalent					N/A
Copper, total					2
Cyanide, available	GRAB SAMPLE				2/10
Lead, total					0.5
Mercury, total					0.005/0.0005
Nickel, total					2
Selenium, total					5
Silver, total					0.5
Thallium, total					0.5
Zinc, total					5.0

TABLE 3 (Instructions, Page 58)

Completion of Table 3 **is required** for all **external outfalls** which discharge process wastewater.

Partial completion of Table 3 **is required** for all **external outfalls** which discharge non-process wastewater and stormwater associated with industrial activities commingled with other wastestreams (see instructions for additional guidance).

Table 3 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	**Sample 1 (µg/L)***	**Sample 2 (µg/L)***	**Sample 3 (µg/L)***	**Sample 4 (µg/L)***	**MAL (µg/L)***
Acrylonitrile					50
Anthracene					10
Benzene					10
Benzidine					50
Benzo(a)anthracene					5
Benzo(a)pyrene					5
Bis(2-chloroethyl)ether					10
Bis(2-ethylhexyl)phthalate					10
Bromodichloromethane [Dichlorobromomethane]					10
Bromoform					10
Carbon tetrachloride					2
Chlorobenzene					10
Chlorodibromomethane [Dibromochloromethane]					10
Chloroform					10
Chrysene					5
m-Cresol [3-Methylphenol]					10
o-Cresol [2-Methylphenol]					10
p-Cresol [4-Methylphenol]					10
1,2-Dibromoethane					10
m-Dichlorobenzene [1,3-Dichlorobenzene]					10
o-Dichlorobenzene [1,2-Dichlorobenzene]					10
p-Dichlorobenzene [1,4-Dichlorobenzene]					10
3,3'-Dichlorobenzidine					5
1,2-Dichloroethane					10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
1,1-Dichloroethene [1,1-Dichloroethylene]					10
Dichloromethane [Methylene chloride]					20
1,2-Dichloropropane					10
1,3-Dichloropropene [1,3-Dichloropropylene]					10
2,4-Dimethylphenol					10
Di-n-Butyl phthalate					10
Epichlorohydrin (1-Chloro-2,3-epoxypropane)					---
Ethylbenzene					10
Ethylene Glycol					---
Fluoride					500
Hexachlorobenzene					5
Hexachlorobutadiene					10
Hexachlorocyclopentadiene					10
Hexachloroethane					20
4,4'-Isopropylidenediphenol (bisphenol A)					1
Methyl ethyl ketone					50
Methyl tert-butyl ether (MTBE)					---
Nitrobenzene					10
N-Nitrosodiethylamine					20
N-Nitroso-di-n-butylamine					20
Nonylphenol					333
Pentachlorobenzene					20
Pentachlorophenol					5
Phenanthrene					10
Polychlorinated biphenyls (PCBs) (**)					0.2
Pyridine					20
1,2,4,5-Tetrachlorobenzene					20
1,1,2,2-Tetrachloroethane					10
Tetrachloroethene [Tetrachloroethylene]					10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
Toluene					10
1,1,1-Trichloroethane					10
1,1,2-Trichloroethane					10
Trichloroethene [Trichloroethylene]					10
2,4,5-Trichlorophenol					50
TTHM (Total trihalomethanes)					10
Vinyl chloride					10

(*) Indicate units if different from µg/L.

(**) Total of detects for PCB-1242, PCB-1254, PCB-1221, PCB-1232, PCB-1248, PCB-1260, and PCB-1016. If all non-detects, enter the highest non-detect preceded by a "<".

Aimee Landon

From: Aimee Landon
Sent: Wednesday, September 17, 2025 4:40 PM
To: Marissa Esquivel; Chris Ewert
Subject: RE: Parameter list

Sorry for the delay sometimes it takes a while to run these down. We can send the Epichlorohydrin, Glycol, and Bisphenol A to Houston. They are not certified for Bisphenol A. We had sent it to SPL before because of all the other compounds needed and they weren't certified for it either. If this will work, we will need 3 40 ml voas w/HCL, 3 40 ml voas unpreserved, and 4 40ml amber voas unpreserved. We can run the Nonylphenol in house with the containers you are already sending.

Aimee Landon
Project Manager
Eurofins Environment Testing South Central-SATL

1610 S Laredo St.
San Antonio, TX 78207
210-229-9920

aimee.landon@et.eurofinsus.com
https://www.satestinglab.com

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From: Marissa Esquivel <Marissa.Esquivel@et.eurofinsus.com>
Sent: Wednesday, September 17, 2025 9:23 AM
To: Chris Ewert <cewert@austin.rr.com>
Cc: Aimee Landon <Aimee.Landon@et.eurofinsus.com>
Subject: Re: Parameter list

Verified Sender: This email is from an internal and/or verified domain which passed security verifications. Remember to still be cautious with personal data and follow company policies.

Good morning,

Great, thank you. We are confirming certifications currently for the sub compounds

Thank you,

Marissa Esquivel

Laboratory Director

Eurofins Environment Testing South Central – SATL

1610 S. Laredo St.

San Antonio, TX 78207

Phone: (210) 229-9920

From: Chris Ewert <cewert@austin.rr.com>
Sent: Tuesday, September 16, 2025 4:40 PM
To: Marissa Esquivel <Marissa.Esquivel@et.eurofinsus.com>
Cc: Aimee Landon <Aimee.Landon@et.eurofinsus.com>
Subject: Parameter list

[You don't often get email from cewert@austin.rr.com. Learn why this is important at https://aka.ms/LearnAboutSenderIdentification]

Unverified Sender: The sender of this email has not been verified. Review the content of the message carefully and verify the identity of the sender before acting on this email: replying, opening attachments or clicking links.

Hi Marissa,

Please look at pages 3-5, which are the organics and I'll be sending to you. The metals and wet chem I'm not worried about.

Thanks,

Chris Ewert
Integrity Testing
8127 Mesa Dr #C-305
Austin, TX 78759
(512)891-7777
cewert@austin.rr.com

Hannah Thigpen

From: Chris Ewert <cewert@austin.rr.com>
Sent: Monday, September 29, 2025 3:47 PM
To: Hannah Thigpen
Subject: Re: #2509506 - Please confirm Sample Collection Time(s) for North Cameron WTP Permit Renewal

Unverified Sender: The sender of this email has not been verified. Review the content of the message carefully and verify the identity of the sender before acting on this email: replying, opening attachments or clicking links.

Yes correct

Thanks,

Chris Ewert
Integrity Testing
8127 Mesa Dr #C-305
Austin, TX 78759
(512)891-7777
cewert@austin.rr.com

On Sep 29, 2025, at 3:45 PM, Hannah Thigpen <Hannah.Thigpen@et.eurofinsus.com> wrote:

Good afternoon,

I saw the labels on the North Cameron WTP Permit Renewal said they were collected on 09/24/25 at 09:45 but I just needed to verify this with you. Thank you!

Hannah Thigpen
Login Technician
Eurofins Environment Testing South Central San Antonio
San Antonio Testing Laboratory
1610 S. Laredo St.
San Antonio, TX 78207
210-229-9920

Hannah.Thigpen@et.eurofinsus.com
www.satestinglab.com / www.eurofins.com

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<2509506_COC.pdf>

SAN ANTONIO TESTING LABORATORY

Sample Receipt Checklist

Client: Integrity Testing	**Project Manager: Marissa Esquivel**
Project: North Cameron WTP Permit Renewal	**Project Number: [none]**

Report To:
Chris Ewert

SATL Report Number: 2509506

Work Order Due by:	10/06/25 19:00 (7 day TAT)		
Received By:	Hannah Thigpen	Date Received:	09/25/25 08:00
Logged In By:	Hannah Thigpen	Date Logged In:	09/25/25 09:30

Sample(s) Received on ICE/evidence of Ice (cooler with melted ice,etc):	*Yes*
Sample temperature at receipt *:	*1.8°C*
Custody Seals Present:	*Yes*
All containers intact:	*Yes*
Sample labels/COC agree:	*Yes*
Samples Received within Holding time :	*Yes*
Samples appropriately preserved **:	*Yes*
Containers received broken/damaged/leaking:	*No*
Air bubbles present in VOA vials for VOC/TPH analyses, if applicable:	*Not Applicable*
TRRP 13 Reporting requested?	*No*
BacT Sample bottles filled to volume (100mL mark), if applicable:	*Not Applicable*
LCR Sample bottles filled to volume (1 Liter mark), if applicable:	*Not Applicable*
Subcontracting required for any analyses:	*Yes*
RUSH turnaround time requested:	*No*
Requested Turnaround Time:	*No*
Samples delivered via :	*Courier*
Air bill included if Samples were shipped:	*No*
Other deviations not meeting SATL sample acceptance criteria notated on CoC:	*None*

Notes:
** Samples delivered to the laboratory on the same day that they are collected may not meet thermal preservation criteria (>0°C but <6°C) but are acceptable, if they arrive on ice.*
*** If improperly preserved, notate client authorization on CoC to proceed with analysis.*

Checked By : *Hannah Thigpen* Date : *09/25/25 08:00*

SATL#FO001
Revised 09/15/2022

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Aimee Landon
San Antonio Testing Laboratory Inc
1610 S Laredo Street
San Antonio, Texas 78207

Generated 10/3/2025 6:03:07 PM

JOB DESCRIPTION

2509506

JOB NUMBER

860-112784-1

Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477

See page two for job notes and contact information.

Eurofins Houston

Job Notes

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

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

Authorization

Generated
10/3/2025 6:03:07 PM

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

Table of Contents

Definitions/Glossary

Client: San Antonio Testing Laboratory Inc
Project/Site: 2509506

Job ID: 860-112784-1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.

General Chemistry

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

Glossary

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

Job Narrative
860-112784-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The sample was received on 9/29/2025 8:45 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 3.5°C.

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

GC/MS Semi VOA
Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-265720 recovered above the upper control limit for Phenol-d5 and 2-Fluorophenol. The associated sample is:(CCVIS 860-265720/2).

Method 8270E_QQQ: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 860-265414 and analytical batch 860-265358 recovered outside control limits for the following analytes: Bisphenol-A.

Method 8270E_QQQ: Internal standard (ISTD) response for Perylene-d12 for the following sample in analytical batch 860-265720 was outside acceptance criteria (biased low): 2509506-01 (24-Hr Composite) (860-112784-1). This ISTD does not correspond to any of the requested target compounds reported from this analytical batch; therefore, the data have been reported.

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

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

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

Detection Summary

Client: San Antonio Testing Laboratory Inc
Project/Site: 2509506

Job ID: 860-112784-1

Client Sample ID: 2509506-01 (24-Hr Composite) **Lab Sample ID: 860-112784-1**

No Detections.

This Detection Summary does not include radiochemical test results.

Client: San Antonio Testing Laboratory Inc
Project/Site: 2509506

Job ID: 860-112784-1

Client Sample ID: 2509506-01 (24-Hr Composite)

Date Collected: 09/24/25 09:45
Date Received: 09/29/25 08:45

Lab Sample ID: 860-112784-1

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Epichlorohydrin	ND		0.050	0.0075	mg/L			10/01/25 06:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*63 - 144*		*10/01/25 06:52*	*1*
4-Bromofluorobenzene (Surr)	*94*		*74 - 124*		*10/01/25 06:52*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 131*		*10/01/25 06:52*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*10/01/25 06:52*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bisphenol-A	ND	*1	1.2	0.71	ug/L		09/30/25 12:35	10/01/25 16:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*65*		*35 - 130*	*09/30/25 12:35*	*10/01/25 16:23*	*1*
2-Fluorophenol (Surr)	*53*		*19 - 120*	*09/30/25 12:35*	*10/01/25 16:23*	*1*
2-Fluorobiphenyl	*87*		*43 - 130*	*09/30/25 12:35*	*10/01/25 16:23*	*1*
Nitrobenzene-d5 (Surr)	*62*		*37 - 133*	*09/30/25 12:35*	*10/01/25 16:23*	*1*
Phenol-d5 (Surr)	*46*		*8 - 124*	*09/30/25 12:35*	*10/01/25 16:23*	*1*
p-Terphenyl-d14 (Surr)	*89*		*47 - 130*	*09/30/25 12:35*	*10/01/25 16:23*	*1*

Method: SW846 8015D - Glycols- Direct Injection (GC/FID)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene glycol	ND		5.0	1.2	mg/L			09/30/25 17:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SM 5310C)	ND		1.0	0.50	mg/L			10/02/25 23:31	1

Surrogate Summary

Client: San Antonio Testing Laboratory Inc
Project/Site: 2509506

Job ID: 860-112784-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(63-144)	(74-124)	(75-131)	(80-120)
860-112784-1	2509506-01 (24-Hr Composite)	96	94	97	96
LCS 860-265550/3	Lab Control Sample	84	117	89	100
LCSD 860-265550/4	Lab Control Sample Dup	81	95	90	100
MB 860-265550/6	Method Blank	91	96	92	97

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	2FP	FBP	NBZ	PHL	TPHd14
Lab Sample ID	Client Sample ID	(35-130)	(19-120)	(43-130)	(37-133)	(8-124)	(47-130)
860-112784-1	2509506-01 (24-Hr Composite)	65	53	87	62	46	89
LCS 860-265414/2-A	Lab Control Sample	103	103	101	80	84	78
LCSD 860-265414/3-A	Lab Control Sample Dup	94	102	96	80	81	75
MB 860-265414/1-A	Method Blank	96	107	94	73	82	76

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
2FP = 2-Fluorophenol (Surr)
FBP = 2-Fluorobiphenyl
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-265550/6
Matrix: Water
Analysis Batch: 265550

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Epichlorohydrin	ND		0.050	0.0075	mg/L			10/01/25 01:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*63 - 144*		*10/01/25 01:52*	*1*
4-Bromofluorobenzene (Surr)	*96*		*74 - 124*		*10/01/25 01:52*	*1*
Dibromofluoromethane (Surr)	*92*		*75 - 131*		*10/01/25 01:52*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*10/01/25 01:52*	*1*

Lab Sample ID: LCS 860-265550/3
Matrix: Water
Analysis Batch: 265550

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

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*84*		*63 - 144*
4-Bromofluorobenzene (Surr)	*117*		*74 - 124*
Dibromofluoromethane (Surr)	*89*		*75 - 131*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: LCSD 860-265550/4
Matrix: Water
Analysis Batch: 265550

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

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*81*		*63 - 144*
4-Bromofluorobenzene (Surr)	*95*		*74 - 124*
Dibromofluoromethane (Surr)	*90*		*75 - 131*
Toluene-d8 (Surr)	*100*		*80 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Lab Sample ID: MB 860-265414/1-A
Matrix: Water
Analysis Batch: 265358

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 265414

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bisphenol-A	ND		1.1	0.70	ug/L		09/30/25 12:35	09/30/25 14:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*96*		*35 - 130*	*09/30/25 12:35*	*09/30/25 14:41*	*1*
2-Fluorophenol (Surr)	*107*		*19 - 120*	*09/30/25 12:35*	*09/30/25 14:41*	*1*
2-Fluorobiphenyl	*94*		*43 - 130*	*09/30/25 12:35*	*09/30/25 14:41*	*1*
Nitrobenzene-d5 (Surr)	*73*		*37 - 133*	*09/30/25 12:35*	*09/30/25 14:41*	*1*
Phenol-d5 (Surr)	*82*		*8 - 124*	*09/30/25 12:35*	*09/30/25 14:41*	*1*
p-Terphenyl-d14 (Surr)	*76*		*47 - 130*	*09/30/25 12:35*	*09/30/25 14:41*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-265414/2-A
Matrix: Water
Analysis Batch: 265358

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 265414

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Bisphenol-A			5.71	4.90		ug/L		86	40 - 145		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*103*		*35 - 130*
2-Fluorophenol (Surr)	*103*		*19 - 120*
2-Fluorobiphenyl	*101*		*43 - 130*
Nitrobenzene-d5 (Surr)	*80*		*37 - 133*
Phenol-d5 (Surr)	*84*		*8 - 124*
p-Terphenyl-d14 (Surr)	*78*		*47 - 130*

Lab Sample ID: LCSD 860-265414/3-A
Matrix: Water
Analysis Batch: 265358

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 265414

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bisphenol-A			5.71	3.60	*1	ug/L		63	40 - 145	31	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*94*		*35 - 130*
2-Fluorophenol (Surr)	*102*		*19 - 120*
2-Fluorobiphenyl	*96*		*43 - 130*
Nitrobenzene-d5 (Surr)	*80*		*37 - 133*
Phenol-d5 (Surr)	*81*		*8 - 124*
p-Terphenyl-d14 (Surr)	*75*		*47 - 130*

Method: 8015D - Glycols- Direct Injection (GC/FID)

Lab Sample ID: MB 860-265427/8
Matrix: Water
Analysis Batch: 265427

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene glycol	ND		5.0	1.2	mg/L			09/30/25 13:19	1

Lab Sample ID: LCS 860-265427/4
Matrix: Water
Analysis Batch: 265427

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ethylene glycol			50.2	45.0		mg/L		90	70 - 139		

Lab Sample ID: LCSD 860-265427/5
Matrix: Water
Analysis Batch: 265427

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethylene glycol			50.2	44.4		mg/L		88	70 - 139	1	30

Client: San Antonio Testing Laboratory Inc
Project/Site: 2509506

Job ID: 860-112784-1

Method: SM 5310C - TOC

Lab Sample ID: MB 860-266381/3
Matrix: Water
Analysis Batch: 266381

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.50	mg/L			10/02/25 20:12	1

Lab Sample ID: LCS 860-266381/4
Matrix: Water
Analysis Batch: 266381

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Organic Carbon			5.00	4.76		mg/L		95	90 - 110		

Lab Sample ID: LCSD 860-266381/5
Matrix: Water
Analysis Batch: 266381

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 Organic Carbon			5.00	4.82		mg/L		96	90 - 110	1	15

Lab Sample ID: LLCS 860-266381/6
Matrix: Water
Analysis Batch: 266381

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

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Organic Carbon			1.00	0.877	J	mg/L		88	50 - 150		

QC Association Summary

Client: San Antonio Testing Laboratory Inc
Project/Site: 2509506

Job ID: 860-112784-1

GC/MS VOA

Analysis Batch: 265550

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-112784-1	2509506-01 (24-Hr Composite)	Total/NA	Water	8260C	
MB 860-265550/6	Method Blank	Total/NA	Water	8260C	
LCS 860-265550/3	Lab Control Sample	Total/NA	Water	8260C	
LCSD 860-265550/4	Lab Control Sample Dup	Total/NA	Water	8260C	

GC/MS Semi VOA

Analysis Batch: 265358

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-265414/1-A	Method Blank	Total/NA	Water	8270E	265414
LCS 860-265414/2-A	Lab Control Sample	Total/NA	Water	8270E	265414
LCSD 860-265414/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	265414

Prep Batch: 265414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-112784-1	2509506-01 (24-Hr Composite)	Total/NA	Water	3511	
MB 860-265414/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-265414/2-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-265414/3-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 265720

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-112784-1	2509506-01 (24-Hr Composite)	Total/NA	Water	8270E	265414

GC Semi VOA

Analysis Batch: 265427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-112784-1	2509506-01 (24-Hr Composite)	Total/NA	Water	8015D	
MB 860-265427/8	Method Blank	Total/NA	Water	8015D	
LCS 860-265427/4	Lab Control Sample	Total/NA	Water	8015D	
LCSD 860-265427/5	Lab Control Sample Dup	Total/NA	Water	8015D	

General Chemistry

Analysis Batch: 266381

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-112784-1	2509506-01 (24-Hr Composite)	Total/NA	Water	SM 5310C	
MB 860-266381/3	Method Blank	Total/NA	Water	SM 5310C	
LCS 860-266381/4	Lab Control Sample	Total/NA	Water	SM 5310C	
LCSD 860-266381/5	Lab Control Sample Dup	Total/NA	Water	SM 5310C	
LLCS 860-266381/6	Lab Control Sample	Total/NA	Water	SM 5310C	

Lab Chronicle

Client: San Antonio Testing Laboratory Inc
Project/Site: 2509506

Job ID: 860-112784-1

Client Sample ID: 2509506-01 (24-Hr Composite)

Date Collected: 09/24/25 09:45
Date Received: 09/29/25 08:45

Lab Sample ID: 860-112784-1

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	8260C		1	5 mL	5 mL	265550	10/01/25 06:52	KLV	EET HOU
Total/NA	Prep	3511			68.8 mL	4 mL	265414	09/30/25 12:35	TH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	265720	10/01/25 16:23	T1S	EET HOU
Total/NA	Analysis	8015D		1	1 mL	1 mL	265427	09/30/25 17:11	JBS	EET HOU
Total/NA	Analysis	SM 5310C		1	40 mL	40 mL	266381	10/02/25 23:31	YG	EET HOU

Laboratory References:

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

Accreditation/Certification Summary

Client: San Antonio Testing Laboratory Inc
Project/Site: 2509506

Job ID: 860-112784-1

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	06-30-26

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
8270E	3511	Water	Bisphenol-A

Method Summary

Client: San Antonio Testing Laboratory Inc
Project/Site: 2509506

Job ID: 860-112784-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET HOU
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET HOU
8015D	Glycols- Direct Injection (GC/FID)	SW846	EET HOU
SM 5310C	TOC	SM	EET HOU
3511	Microextraction of Organic Compounds	SW846	EET HOU
5030C	Purge and Trap	SW846	EET HOU

Protocol References:

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

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

Laboratory References:

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

Sample Summary

Client: San Antonio Testing Laboratory Inc
Project/Site: 2509506

Job ID: 860-112784-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
860-112784-1	r 5s95sT-sL8(r c-Hi8C1mp17tD)	Water	09/24/25 09:45	09/29/25 08:45	Texas

CHAIN-OF-CUSTODY RECORD

SAN ANTONIO TESTING LABORATORY, LLC

1610 S. Laredo Street, San Antonio, Texas 78207
Phone (210) 229-9920
Fax (210) 229-9921
www.satestinglab.com

REPORT TO:	INVOICE TO:	P.O. # / REPORT NUMBER
COMPANY: Eurofins San Antonio Testing Lab	COMPANY: Same	
ADDRESS: 1610 S. Laredo St.	ADDRESS:	
CITY: San Antonio; STATE: TX; ZIP: 78207	CITY: ; STATE: ; ZIP:	E-MAIL: Aimee.Landon@et.eurofins us com
ATTN: Aimee Landon; PHONE #: 210-229-9920	ATTN: Elizabeth Lopez; PHONE #: 210-229-9920	

REQUESTED TURNAROUND TIME IN BUSINESS DAYS & SURCHARGE: ❑ 7-10 Days REG ❑ 5 Days +25% ❑ 4 Days +50% ❑ 3 DAYS +75% ❑ 2 DAYS +100% ❑ Next Day +150% ❑ SAME DAY WHEN POSSIBLE +300%

PROJECT NAME/LOCATION/SITE:

THE TURNAROUND TIME FOR SAMPLES RECEIVED AFTER 3:00 PM SHALL BEGIN AT 8:00 AM THE FOLLOWING BUSINESS DAY

SPECIAL REQ.: *Need by 10-6-25*

DATA TO TCEQ ❑ RRC ❑ Other (Specify) ❑

Field: pH: ______ Temp: ______ °C; LCS/D: ______ / ______ Dup: ______

PROJECT NO.:

SAMPLE TEMPERATURE WITHIN COMPLIANCE (> 0°C ≤ 6°C) ❑ YES ❑ NO
PROPER CONTAINERS ❑ YES ❑ NO

INSUFFICIENT SAMPLE AMOUNT FOR (TCLP/SPLP/OTHER): IF NO, INITIAL HERE TO AUTHORIZE ANALYSIS ______ ❑ YES ❑ NO AUTHORIZE TO PROCEED ______

SAMPLED BY:

OBSERVED TEMP. / CORRECTED TEMP. / TEMP. I.R. GUN # / SAMPLE ICED ❑ YES ❑ NO

TRRP 13 ❑ APPENDIX A ❑ LPST PCLS ❑ LOW LEVEL ❑ PST ❑ SIM ❑ TSDF Class 2 ❑ PERMIT ❑

ANALYSIS REQUESTED

Columns: STEX/MTBE 8260 / TPH TX1005/TX1006; Metals 8 / 11 / 12 / 13 / TCLP / SPLP / Total; PAH / SVOC / 8270 / 8260 / TCLP / SPLP / Total; VOC / 8260 / 624 / TCLP / SPLP / Total; Water Quality - Drinking / Livestock / Irrigation; Coli / TC / FC / HPC / ECoil / Enterococci / Q-Tray; Br / Cl / F / NO3 / NO2/O-P / SO4; PCB / 608 / 8082A; OC Pest / 608 / 8081A / TCLP / SPLP / Total; Epichlorohydrin; Bisphenol A; Ethylene Glycol; TOC - AR; PRESERVED WITH: HCl, HNO3, H2SO4, NaOH, NaHSO4, Na2S2O3, ICE, NONE; PRESERVED IN THE LAB; COMPOSITED IN THE LAB; FILTERED IN THE LAB; FILTERED IN THE FIELD; REMARKS

SAMPLE NUMBER	DATE	TIME	Matrix	Sample Identification	Number of Containers / Sample Amount / Container Size	Analyses	Remarks
1	9-24-25	0945	X (Drinking Water); X (Composite)	2509506-01 (24-Hr composite)	1 25mL Pl; 3 HCL VOA; 3 VOA UP; 4 AMB; 80mL VOA	X X X X (Epichlorohydrin, Bisphenol A, Ethylene Glycol, TOC-AR)	01

860-112784 Chain of Custody

3 7/3.5
Hou 368

RELINQUISHED BY (SIGNATURE)	DATE / TIME	RECEIVED BY (SIGNATURE)	DATE / TIME	RELINQUISHED BY (SIGNATURE)	DATE / TIME	RECEIVED BY (SIGNATURE)	DATE / TIME
[signature]	9-25-25	[signature]	9-26-25	[signature]	9-26-25		
RELINQUISHED BY (PRINT NAME): Tyrell Zertuche	1530	RECEIVED BY (PRINT NAME): Matthew Vang	0105	RELINQUISHED BY (PRINT NAME): Matthew Vang	1100	RECEIVED BY (PRINT NAME)	
RELINQUISHED BY (SIGNATURE)		RECEIVED BY (SIGNATURE)		METHOD OF SHIPMENT		SUBCONTRACTED ❑ YES ❑ NO	
RELINQUISHED BY (PRINT NAME)		RECEIVED BY (PRINT NAME): [signature]	9-29-25 945	BULK ❑ (Initial) 5035 ❑ N/A ❑		CUSTODY SEAL IN PLACE & INTACT ❑ YES ❑ NO	

FORM. COC REV 04/2022 WHITE - LAB CANARY - CLIENT 8846 7849 3494

Login Sample Receipt Checklist

Client: San Antonio Testing Laboratory Inc

Job Number: 860-112784-1

Login Number: 112784

List Source: Eurofins Houston

List Number: 1

Creator: Jimenez, Nicanor

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	

8127 Mesa Dr. #C-305 * Austin, TX. 78759
(512) 891-7777 * www.integritytestingaustin.com

Eric Haydon
North Cameron Regional WSC

Rio Hondo, Texas 78583

Report Date: 10/08/2025
Report #: I252597
Project ID: North Cameron WTP Permit Renewal

Dear Eric Haydon,

Integrity Testing received a sample from the above referenced project on 10/02/2025 for the analyses presented in the following report.

The analytical data relates directly to the samples received by Integrity Testing and for only the analytes requested. Samples were intact and properly preserved unless otherwise noted in the Case Narrative. Results are reported as received unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. This laboratory report may only be reproduced in full.

If you need any assistance with this report, please let me know.

Sincerely,

Chris Ewert
Laboratory Manager

TCEQ Laboratory ID: T104704525

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(512) 891-7777 * www.integritytestingaustin.com

Eric Haydon
North Cameron Regional WSC

Rio Hondo, Texas 78583

Report Date: 10/08/2025
Report #: I252597
Project ID: North Cameron WTP Permit Renewal

CASE NARRATIVE

QC22908: No comments necessary.
QC22912: The Anions by Ion Chromatography MS/MSD was prepared on an unrelated sample.
QC22916: The MS/MSD recoveries are outside of control limits due to matrix interferences.
QC22918: The MS/MSD recoveries are outside of control limits due to matrix interferences.
QC22937: The Total Suspended Solids duplicate was prepared on an unrelated sample.
QC22950: The Total Dissolved Solids duplicate was prepared on an unrelated sample.
QC22951: The BOD5 duplicate was prepared on an unrelated sample.
QC22952: The CBOD5 duplicate was prepared on an unrelated sample.

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Eric Haydon
North Cameron Regional WSC

Rio Hondo, Texas 78583

Report Date: 10/08/2025
Report #: I252597
Project ID: North Cameron WTP Permit Renewal

SAMPLE SUMMARY

Lab Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
I252597-1	24-Hr Composite Sample	Water	10/01/2025 10:50	10/02/2025

INTEGRITY testing

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Eric Haydon
North Cameron Regional WSC

Rio Hondo, Texas 78583

Report Date: 10/08/2025
Report #: I252597
Project ID: North Cameron WTP Permit Renewal

ANALYTICAL DATA REPORT

Client Sample ID: 24-Hr Composite Sample
Date Collected: 10/01/2025
Date Received: 10/02/2025

Lab Sample ID: I252597-1
Matrix: Water

Total Dissolved Solids

Method: SM2540C **Prep Method:** SM2540C **QC Batch ID:** QC22950

CAS#	Analyte	Result	SDL	MQL	Units	Q	DF	Prep Date	Date Analyzed	Analyst
	Total Dissolved Solids(TDS)	11700	100	100	mg/L		10		10/06/2025	JF

Total Suspended Solids

Method: SM2540D **Prep Method:** SM2540D **QC Batch ID:** QC22937

CAS#	Analyte	Result	SDL	MQL	Units	Q	DF	Prep Date	Date Analyzed	Analyst
	TSS	2.80	2.00	2.00	mg/L		1		10/03/2025	JF

CBOD5

Method: SM 5210B **Prep Method:** SM 5210B **QC Batch ID:** QC22952

CAS#	Analyte	Result	SDL	MQL	Units	Q	DF	Prep Date	Date Analyzed	Analyst
	CBOD5	<2.00	2.00	2.00	mg/L		1		10/02/2025 11:47	JF

BOD5

Method: SM 5210B **Prep Method:** SM 5210B **QC Batch ID:** QC22951

CAS#	Analyte	Result	SDL	MQL	Units	Q	DF	Prep Date	Date Analyzed	Analyst
	BOD5	<2.00	2.00	2.00	mg/L		1		10/02/2025 11:30	JF

Chemical Oxygen Demand

Method: H8000 **Prep Method:** H8000 **QC Batch ID:** QC22918

CAS#	Analyte	Result	SDL	MQL	Units	Q	DF	Prep Date	Date Analyzed	Analyst
	Chemical Oxygen Demand	45.9	3.00	15.0	mg/L		1		10/03/2025	CE

Anions by Ion Chromatography

Method: EPA 300.0 **Prep Method:** EPA 300.0 **QC Batch ID:** QC22912

CAS#	Analyte	Result	SDL	MQL	Units	Q	DF	Prep Date	Date Analyzed	Analyst
16887-00-6	Chloride	4700	0.100	0.200	mg/L	D	500		10/02/2025 13:41	WO
16984-48-8	Fluoride	3.18	0.0200	0.0400	mg/L		1		10/02/2025 12:15	WO
	Nitrate-N	<0.100	0.100	0.200	mg/L		1		10/02/2025 12:15	WO
14808-79-8	Sulfate	3940	0.100	0.200	mg/L	D	500		10/02/2025 13:41	WO

INTEGRITY testing

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Eric Haydon
North Cameron Regional WSC

Rio Hondo, Texas 78583

Report Date: 10/08/2025
Report #: I252597
Project ID: North Cameron WTP Permit Renewal

ANALYTICAL DATA REPORT

Client Sample ID: 24-Hr Composite Sample
Date Collected: 10/01/2025
Date Received: 10/02/2025

Lab Sample ID: I252597-1
Matrix: Water

Total Phosphorus as P **Method:** SM4500-P E **Prep Method:** SM4500-P E **QC Batch ID:** QC22916

CAS#	Analyte	Result	SDL	MQL	Units	Q	DF	Prep Date	Date Analyzed	Analyst
	Total Phosphorus	0.128	0.0200	0.0500	mg/L		1		10/03/2025	CE

Dissolved Oxygen **Method:** SM 4500 O-G **Prep Method:** SM 4500 O-G **QC Batch ID:** QC22908

CAS#	Analyte	Result	SDL	MQL	Units	Q	DF	Prep Date	Date Analyzed	Analyst
	Dissolved Oxygen	7.99	2.00	2.00	mg/L	H	1		10/02/2025 11:34	JF

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Eric Haydon
North Cameron Regional WSC

Rio Hondo, Texas 78583

Report Date: 10/08/2025
Report #: I252597
Project ID: North Cameron WTP Permit Renewal

QC REPORT

QC Batch ID: QC22951 **Matrix:** Water

QC Results

Analyte	Blank	Sample	DUP	RPD	Limit	LCS%	Limits
BOD5	<2	253	249	1.6	20	108	85-115

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Eric Haydon
North Cameron Regional WSC

Rio Hondo, Texas 78583

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Report #: I252597
Project ID: North Cameron WTP Permit Renewal

QC REPORT

QC Batch ID: QC22952 **Matrix:** Water

QC Results

Analyte	Blank	Sample	DUP	RPD	Limit	LCS%	Limits
CBOD5	<2	172	169	1.8	20	100	74-109

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Eric Haydon
North Cameron Regional WSC

Rio Hondo, Texas 78583

Report Date: 10/08/2025
Report #: I252597
Project ID: North Cameron WTP Permit Renewal

QC REPORT

QC Batch ID: QC22918 **Matrix:** Water

QC Results

Analyte	Blank	MS%	MSD%	Limits	RPD	Limit	LCS%	LCSD%	Limits	RPD	Limit
Chemical Oxygen Demand	<3	72*	73*	80-120	1.4	20	102	98	80-120	4	20

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Eric Haydon
North Cameron Regional WSC

Rio Hondo, Texas 78583

Report Date: 10/08/2025
Report #: I252597
Project ID: North Cameron WTP Permit Renewal

QC REPORT

QC Batch ID: QC22908 **Matrix:** Water

QC Results

Analyte	Sample	DUP	RPD	Limit
Dissolved Oxygen	7.99	8.03	0.5	20

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Eric Haydon
North Cameron Regional WSC

Rio Hondo, Texas 78583

Report Date: 10/08/2025
Report #: I252597
Project ID: North Cameron WTP Permit Renewal

QC REPORT

QC Batch ID: QC22937 **Matrix:** Water

QC Results

Analyte	Blank	Sample	DUP	RPD	Limit	LCS%	Limits
TSS	<2	3860	3800	1.6	20	88	80-120

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Eric Haydon
North Cameron Regional WSC

Rio Hondo, Texas 78583

Report Date: 10/08/2025
Report #: I252597
Project ID: North Cameron WTP Permit Renewal

QC REPORT

QC Batch ID: QC22912 **Matrix:** Water

QC Results

Analyte	Blank	MS%	MSD%	Limits	RPD	Limit	LCS%	LCSD%	Limits	RPD	Limit
Chloride	<0.1	100	100	90-110	0	20	102	102	90-110	0	20
Fluoride	<0.02	103	102	90-110	0.98	20	103	105	90-110	1.9	20
Nitrate-N	<0.1	102	102	90-110	0	20	101	101	90-110	0	20
Sulfate	<0.1	101	100	90-110	1	20	102	101	90-110	0.99	20

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Eric Haydon
North Cameron Regional WSC

Rio Hondo, Texas 78583

Report Date: 10/08/2025
Report #: I252597
Project ID: North Cameron WTP Permit Renewal

QC REPORT

QC Batch ID: QC22916 **Matrix:** Water

QC Results

Analyte	Blank	MS%	MSD%	Limits	RPD	Limit	LCS%	LCSD%	Limits	RPD	Limit
Total Phosphorus	<0.02	137*	137*	80-120	0	20	104	104	85-115	0	20

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Eric Haydon
North Cameron Regional WSC

Rio Hondo, Texas 78583

Report Date: 10/08/2025
Report #: I252597
Project ID: North Cameron WTP Permit Renewal

QC REPORT

QC Batch ID: QC22950 **Matrix:** Water

QC Results

Analyte	Blank	Sample	DUP	RPD	Limit	LCS%	Limits
Total Dissolved Solids(TDS)	<10	536	527	1.7	5	95	90-110

CHAIN OF CUSTODY

INTEGRITY testing

COC Number I252597

Name	Eric Hayon
Company	East Rio Hondo WSC
Address	29528 FM 510
City/State/Zip	San Benito, TX 78586
Phone	(956) 399-8709
FAX	
e-mail	elhaydon@erhwsc.com, jvgarcia@erhwsc.com
Project	North Cameron WTP Permit Renewal
Reference/PO	
Collected By	Alex Rodriguez

Turnaround Time Requested:
- [x] Standard
- [ ] 5-Day
- [ ] 3-Day
- [ ] 2-Day
- [ ] Next-Day
- [ ] Same-Day

Reporting Requirements:
- [x] Standard
- [ ] TRRP
- [ ] PST
- [ ] _____

Type/# of Sample Containers / **Analysis Requested**

Sample Description	Date	Time	Matrix	1/2 Gallon Plastic	120mL H2SO4	BOD	CBOD	COD	DO	TSS	Nitrate	Total Phosphorus	TDS	Sulfate	Chloride	Fluoride	Lab #
24-Hr Composite Sample	10-1-25	1050	water	1	1	x	x	x	x	x	x	x	x	x	x	x	1

Relinquished By	Date	Time	Received By	Date	Time	Comments:
[signature]	10-1-25	1:20	[signature]	10-1-25	1:20	
[signature]	10-1-25	2300				
Relinquished By	Date	Time	Received By Laboratory	Date	Time	Actual Temp: 4.3 C / Corr. Temp: 4.36 C / Ice present (Y) N / IR Gun # 1
			[signature]	10/2/25	8:00	

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SAMPLE RECEIPT CHECKLIST

Laboratory Number I252597 Checklist Completed by Sm

Custody

Custody seals present?	(Yes)	No	
Custody seals intact?	(Yes)	No	NA
Chain-of-Custody included?	(Yes)	No	
Chain-of-Custody signed and dated by client?	(Yes)	No	
Samples collected and delivered the same day?	Yes	(No)	
Samples received within holding time?	(Yes)	No	

Thermal Preservation >0°C to 6°C

Thermal Preservation Applicable	(Yes)	No	
Samples received on ice?	(Yes)	No	

Uncorrected Temperature 4.3 °C Corrected Temperature 4.36 °C

IR Gun# 1

Sample Numbers Unacceptable _____

Samples

Samples properly labeled?	(Yes)	No	
Sample containers intact?	(Yes)	No	
Chain-of-Custody information matches samples?	(Yes)	No	
Chain-of-Custody filled out correctly and completely?	(Yes)	No	
Sample volume sufficient for requested analyses?	(Yes)	No	
Were samples received in hermetically sealed containers?	Yes	No	(NA)
Volatile vials received with no headspace?	Yes	No	(NA)
BOD/CBOD samples contain residual chlorine?	Yes	(No)	NA

Chlorine residual strip lot# 3251A

Sample Numbers Unacceptable _____

Chemical Preservation - pH

Chemical Preservation Applicable	(Yes)	No	
pH acceptable upon receipt?	(Yes)	No	NA

pH paper lot # pH-001

Were unacceptable preservations adjusted upon receipt?	Yes	No	(NA)

Sample Numbers/Fraction Unacceptable: _____

Date _____ and Time _____ of preservation

Adjusted by: _____

Chemical Name _____ Lot# _____

Subcontracting

Sample Numbers Subcontracted: _____

Samples subcontracted to: _____

Analyses Subcontracted: _____

Shipped Via: _____

Date Shipped: _____

Comments: _____

_____

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Eric Haydon
North Cameron Regional WSC

Rio Hondo, Texas 78583

Report Date: 10/08/2025
Report #: I252597
Project ID: North Cameron WTP Permit Renewal

QUALIFIERS AND ACRONYMS

Qualifier	Description
B	Analyte detected in the associated method blank above the detection limit
E	Concentration exceeds the calibration range of the instrument
H	Analyzed outside holding time
J	Indicates an estimated value
*	Value outside QC limits
D	Diluted analyte
N	This identification is based on a mass spectral library search, indicates presumptive evidence of a compound
NC	Integrity Testing does not hold TCEQ NELAC drinking water certification for this analyte.
C	Integrity Testing does not hold TCEQ NELAC certification for this analyte.
NR	Accreditation not available for this method
M	Modified Method
FB	Analyte detected in the associated field blank above the detection limit
TB	Analyte detected in the associated Trip/Field blank above the detection limit

Acronym	Description
DCS	Detection Check Study
DUP	Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
Blank	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
SDL	Sample Detection Limit
SUB	Subcontracted Parameter
TRRP	Texas Risk Reduction Program
DF	Dilution Factor
Q	Qualifiers
3540C-M	TCEQ Accepted, Integrity Testing validated modified continuous extraction tumbling method

END OF REPORT

SAN ANTONIO TESTING LABORATORY

October 17, 2025

Chris Ewert
Integrity Testing
8127 Mesa Dr #C-305
Austin, TX 78759

SATL Report No.: 2510030
RE: North Cameron WTP Permit Renewal

Dear Chris Ewert

SATL received 2 Sample(s) on 10/02/2025 for analyses identified on the chain of custody. The analyses were performed using methods indicated on the laboratory report. Any deviations observed at sample receiving are notated on the Sample Receipt Checklist and/or Chain of Custody documents attached as part of this analytical report.

Sincerely,

For San Antonio Testing Laboratory, Inc.

Xavier Escobar
Business Unit Manager

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

Integrity Testing
8127 Mesa Dr #C-305
Austin TX, 78759

Additional Notes:

Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
Project Number: [none]

Reported:
10/17/25 18:05
Received:
10/02/25 09:10

Report No. 2510030

SAMPLE SUMMARY

Total Samples received in this work order: **2**

The following samples were requested for analysis as per the CoC. Any re-runs or re-analyses requested are identified as such.

Sample ID	Laboratory ID	Matrix	Sampling Method	Date Sampled	Date Received
24-Hr Composite	2510030-01	Liquid	24hr Composite	10/01/25 10:50	10/02/25 09:10
Grab Sample	2510030-02	Liquid	Grab	10/01/25 10:50	10/02/25 09:10

Notes

All quality control samples and checks are within acceptance limits unless otherwise indicated.
Test results pertain only to those items tested.
All samples were in good condition when received by the laboratory unless otherwise noted.

Integrity Testing
8127 Mesa Dr #C-305
Austin TX, 78759

Additional Notes:

Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
Project Number: [none]

Reported:
10/17/25 18:05
Received:
10/02/25 09:10

Report No. 2510030

Sample ID #: 24-Hr Composite **Sampling Method: 24hr Composite** **Lab Sample ID #: 2510030-01**

Sample Matrix: Liquid **Date/Time Collected: 10/01/25 10:50**

Analyte	Result	Units	PQL	Prep Method	Batch	Analyzed	Method	Analyst	Notes
General Chemistry									
Total Kjeldahl Nitrogen *	<1.00	mg/L	1.00	EPA 351.3	B541192	10/07/25 16:10	EPA 351.3	DD	
Cyanide, Amenable *	<0.020	mg/L	0.020	SM4500-CNC	B541295	10/10/25 16:13	SM4500CN_G	SG	
Oil & Grease (HEM) *	<8.96	mg/L	8.96	EPA 1664A	B542188	10/14/25 17:04	EPA 1664A	DD	Q, Q1
Hexavalent Chromium *	<3	ug/L	3	I-1230-85	B540294	10/02/25 11:30	I-1230-85	SG	
Total Mercury by EPA 245.7									
Mercury	4.23	ng/L	0.0005	EPA 245.7	B542238	10/16/25 13:36	EPA 245.7	TW	
Total Metals By ICP-MS									**D1, P2**
Aluminum *	158	ug/L	2	EPA 200.8	B541209	10/08/25 16:41	EPA 200.8	SJ	
Antimony *	<5	ug/L	5	EPA 200.8	B541209	10/08/25 16:41	EPA 200.8	SJ	
Arsenic *	27	ug/L	0.5	EPA 200.8	B541209	10/08/25 16:41	EPA 200.8	SJ	
Barium *	55	ug/L	3	EPA 200.8	B541209	10/08/25 16:41	EPA 200.8	SJ	
Beryllium *	<0.5	ug/L	0.5	EPA 200.8	B541209	10/08/25 16:41	EPA 200.8	SJ	
Cadmium *	1	ug/L	1	EPA 200.8	B541209	10/08/25 16:41	EPA 200.8	SJ	
Chromium *	<3	ug/L	3	EPA 200.8	B541209	10/08/25 16:41	EPA 200.8	SJ	
Copper *	3	ug/L	2	EPA 200.8	B541209	10/08/25 16:41	EPA 200.8	SJ	
Lead *	<0.5	ug/L	0.5	EPA 200.8	B541209	10/08/25 16:41	EPA 200.8	SJ	
Nickel *	6	ug/L	2	EPA 200.8	B541209	10/08/25 16:41	EPA 200.8	SJ	
Selenium *	48	ug/L	5	EPA 200.8	B541209	10/08/25 16:41	EPA 200.8	SJ	
Silver *	<0.5	ug/L	0.5	EPA 200.8	B541209	10/08/25 16:41	EPA 200.8	SJ	
Thallium *	8	ug/L	0.5	EPA 200.8	B541209	10/08/25 16:41	EPA 200.8	SJ	
Zinc *	35	ug/L	5	EPA 200.8	B541209	10/08/25 16:41	EPA 200.8	SJ	
Trivalent Chromium (Calculated)									
Trivalent Chromium	<3.00	ug/L	3.00	[CALC]	[CALC]	10/08/25 16:41	CALC	SG	

Integrity Testing
8127 Mesa Dr #C-305
Austin TX, 78759

Additional Notes:

Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
Project Number: [none]

Reported:
10/17/25 18:05
Received:
10/02/25 09:10

Report No. 2510030

Sample ID #: 24-Hr Composite **Sampling Method: 24hr Composite** **Lab Sample ID #: 2510030-01**

Sample Matrix: Liquid **Date/Time Collected: 10/01/25 10:50**

Analyte	Result	Units	PQL	Prep Method	Batch	Analyzed	Method	Analyst	Notes
Polychlorinated Biphenyls [PCB]									
PCB 1016 *	<0.2	ug/L	0.2	EPA 3510C	B541168	10/06/25 16:57	EPA 8082	MF	
PCB 1221 *	<0.2	ug/L	0.2	EPA 3510C	B541168	10/06/25 16:57	EPA 8082	MF	
PCB 1232 *	<0.2	ug/L	0.2	EPA 3510C	B541168	10/06/25 16:57	EPA 8082	MF	
PCB 1242 *	<0.2	ug/L	0.2	EPA 3510C	B541168	10/06/25 16:57	EPA 8082	MF	
PCB 1248 *	<0.2	ug/L	0.2	EPA 3510C	B541168	10/06/25 16:57	EPA 8082	MF	
PCB 1254 *	<0.2	ug/L	0.2	EPA 3510C	B541168	10/06/25 16:57	EPA 8082	MF	
PCB 1260 *	<0.2	ug/L	0.2	EPA 3510C	B541168	10/06/25 16:57	EPA 8082	MF	
Total PCBs	<1	ug/L	1	EPA 3510C	B541168	10/06/25 16:57	EPA 8082	MF	
Surrogate: Decachlorobiphenyl	*79 %*	*23.6-87.6*		*EPA 3510C*	*B541168*	*10/06/25 16:57*	*EPA 8082*	*MF*	
Surrogate: Tetrachloro-meta-xylene	*58 %*	*14.6-75.2*		*EPA 3510C*	*B541168*	*10/06/25 16:57*	*EPA 8082*	*MF*	
Volatile Organic Compounds by GC/MS									
1,1,1-Trichloroethane *	<10	ug/L	10	EPA 5030B	B542145	10/11/25 21:10	EPA 624.1	ME	
1,1,2,2-Tetrachloroethane *	<10	ug/L	10	EPA 5030B	B542145	10/11/25 21:10	EPA 624.1	ME	
1,1,2-Trichloroethane *	<10	ug/L	10	EPA 5030B	B542145	10/11/25 21:10	EPA 624.1	ME	
1,1-Dichloroethene *	<10	ug/L	10	EPA 5030B	B542145	10/11/25 21:10	EPA 624.1	ME	
1,2-Dibromoethane *	<10	ug/L	10	EPA 5030B	B542145	10/11/25 21:10	EPA 624.1	ME	
1,2-Dichlorobenzene *	<10	ug/L	10	EPA 5030B	B542145	10/11/25 21:10	EPA 624.1	ME	
1,2-Dichloroethane *	<10	ug/L	10	EPA 5030B	B542145	10/11/25 21:10	EPA 624.1	ME	
1,2-Dichloropropane *	<10	ug/L	10	EPA 5030B	B542145	10/11/25 21:10	EPA 624.1	ME	
1,3-Dichlorobenzene *	<10	ug/L	10	EPA 5030B	B542145	10/11/25 21:10	EPA 624.1	ME	
1,3-Dichloropropene	<10	ug/L	10	EPA 5030B	B542145	10/11/25 21:10	EPA 624.1	ME	
1,4-Dichlorobenzene *	<10	ug/L	10	EPA 5030B	B542145	10/11/25 21:10	EPA 624.1	ME	
Acrylonitrile *	<50	ug/L	50	EPA 5030B	B542145	10/11/25 21:10	EPA 624.1	ME	
Benzene *	<10	ug/L	10	EPA 5030B	B542145	10/11/25 21:10	EPA 624.1	ME	
Bromodichloromethane *	<10	ug/L	10	EPA 5030B	B542145	10/11/25 21:10	EPA 624.1	ME	
Bromoform *	<10	ug/L	10	EPA 5030B	B542145	10/11/25 21:10	EPA 624.1	ME	
Carbon Tetrachloride *	<2	ug/L	2	EPA 5030B	B542145	10/11/25 21:10	EPA 624.1	ME	
Chlorobenzene *	<10	ug/L	10	EPA 5030B	B542145	10/11/25 21:10	EPA 624.1	ME	
Chloroform *	<10	ug/L	10	EPA 5030B	B542145	10/11/25 21:10	EPA 624.1	ME	
Chlorodibromomethane *	<10	ug/L	10	EPA 5030B	B542145	10/11/25 21:10	EPA 624.1	ME	
Ethylbenzene *	<10	ug/L	10	EPA 5030B	B542145	10/11/25 21:10	EPA 624.1	ME	
Methyl Ethyl Ketone (2-Butanone) *	<50	ug/L	50	EPA 5030B	B542145	10/11/25 21:10	EPA 624.1	ME	
Methylene Chloride *	<20	ug/L	20	EPA 5030B	B542145	10/11/25 21:10	EPA 624.1	ME	
Methyl-tert-Butyl Ether *	<10	ug/L	10	EPA 5030B	B542145	10/11/25 21:10	EPA 624.1	ME	
Tetrachloroethene *	<10	ug/L	10	EPA 5030B	B542145	10/11/25 21:10	EPA 624.1	ME	CH
Toluene *	<10	ug/L	10	EPA 5030B	B542145	10/11/25 21:10	EPA 624.1	ME	
Trichloroethene *	<10	ug/L	10	EPA 5030B	B542145	10/11/25 21:10	EPA 624.1	ME	
Vinyl chloride [Chloroethene] *	<10	ug/L	10	EPA 5030B	B542145	10/11/25 21:10	EPA 624.1	ME	CH, IH

Integrity Testing
8127 Mesa Dr #C-305
Austin TX, 78759

Additional Notes:

Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
Project Number: [none]

Reported:
10/17/25 18:05
Received:
10/02/25 09:10

Report No. 2510030

Sample ID #: 24-Hr Composite **Sampling Method: 24hr Composite** **Lab Sample ID #: 2510030-01**

Sample Matrix: Liquid **Date/Time Collected: 10/01/25 10:50**

Analyte	Result	Units	PQL		Prep Method	Batch	Analyzed	Method	Analyst	Notes
Volatile Organic Compounds by GC/MS										
Total Trihalomethanes *	<10	ug/L	10		EPA 5030B	B542145	10/11/25 21:10	EPA 624.1	ME	
Surrogate: 4-Bromofluorobenzene	*86 %*		*80-106*		*EPA 5030B*	*B542145*	*10/11/25 21:10*	*EPA 624.1*	*ME*	
Surrogate: Dibromofluoromethane	*77 %*		*83-118*	*SurrL*	*EPA 5030B*	*B542145*	*10/11/25 21:10*	*EPA 624.1*	*ME*	
Surrogate: Toluene-d8	*95 %*		*91-109*		*EPA 5030B*	*B542145*	*10/11/25 21:10*	*EPA 624.1*	*ME*	

Integrity Testing
8127 Mesa Dr #C-305
Austin TX, 78759

Additional Notes:

Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
Project Number: [none]

Reported:
10/17/25 18:05
Received:
10/02/25 09:10

Report No. 2510030

Sample ID #: Grab Sample **Sampling Method: Grab** **Lab Sample ID #: 2510030-02**

Sample Matrix: Liquid **Date/Time Collected: 10/01/25 10:50**

Analyte	Result	Units	PQL	Prep Method	Batch	Analyzed	Method	Analyst	Notes
General Chemistry									
Cyanide, Amenable *	<0.020	mg/L	0.020	SM4500-CNC	B541295	10/10/25 16:13	SM4500CN_G	SG	
Oil & Grease (HEM) *	<4.75	mg/L	4.75	EPA 1664A	B542188	10/14/25 17:05	EPA 1664A	DD	Q, Q1

Integrity Testing
8127 Mesa Dr #C-305
Austin TX, 78759

Additional Notes:

Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
Project Number: [none]

Reported:
10/17/25 18:05
Received:
10/02/25 09:10

Report No. 2510030

General Chemistry - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B540294 - I-1230-85									
Blank (B540294-BLK1)				Prepared: 10/02/25 10:00 Analyzed: 10/02/25 11:30					
Hexavalent Chromium	<3	3	ug/L						
LCS (B540294-BS1)				Prepared: 10/02/25 10:00 Analyzed: 10/02/25 11:30					
Hexavalent Chromium	382	3	ug/L	400		96	90-110		
LCS Dup (B540294-BSD1)				Prepared: 10/02/25 10:00 Analyzed: 10/02/25 11:30					
Hexavalent Chromium	381	3	ug/L	400		95	90-110	0.3	20
Matrix Spike (B540294-MS1)		**Source: 2510030-01**		Prepared: 10/02/25 10:00 Analyzed: 10/02/25 11:30					
Hexavalent Chromium	384	3	ug/L	400	<3	96	80-120		
Matrix Spike Dup (B540294-MSD1)		**Source: 2510030-01**		Prepared: 10/02/25 10:00 Analyzed: 10/02/25 11:30					
Hexavalent Chromium	382	3	ug/L	400	<3	96	80-120	0.5	20
Batch B541192 - EPA 351.3									
Blank (B541192-BLK1)				Prepared: 10/07/25 10:00 Analyzed: 10/07/25 16:00					
Total Kjeldahl Nitrogen	<1.00	1.00	mg/L						
LCS (B541192-BS1)				Prepared: 10/07/25 10:00 Analyzed: 10/07/25 16:01					
Total Kjeldahl Nitrogen	20.7	1.00	mg/L	20.0		104	80-120		
LCS Dup (B541192-BSD1)				Prepared: 10/07/25 10:00 Analyzed: 10/07/25 16:02					
Total Kjeldahl Nitrogen	20.7	1.00	mg/L	20.0		104	80-120	0	20
Duplicate (B541192-DUP1)		**Source: 2509506-01**		Prepared: 10/07/25 10:00 Analyzed: 10/07/25 16:04					
Total Kjeldahl Nitrogen	1.12	1.00	mg/L		1.12			0	20
Matrix Spike (B541192-MS1)		**Source: 2509506-01**		Prepared: 10/07/25 10:00 Analyzed: 10/07/25 16:05					
Total Kjeldahl Nitrogen	19.6	1.00	mg/L	20.0	1.12	93	80-120		
Batch B541295 - SM4500-CNC									
Blank (B541295-BLK1)				Prepared: 10/10/25 10:00 Analyzed: 10/10/25 16:13					
Cyanide, Amenable	<0.020	0.020	mg/L						
LCS (B541295-BS1)				Prepared: 10/10/25 10:00 Analyzed: 10/10/25 16:13					
Cyanide, Amenable	0.104	0.020	mg/L	0.100		104	80-120		
LCS Dup (B541295-BSD1)				Prepared: 10/10/25 10:00 Analyzed: 10/10/25 16:13					

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Additional Notes:

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General Chemistry - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B541295 - SM4500-CNC									
LCS Dup (B541295-BSD1)				Prepared: 10/10/25 10:00		Analyzed: 10/10/25 16:13			
Cyanide, Amenable	0.103	0.020	mg/L	0.100		103	80-120	1	20
Matrix Spike (B541295-MS1)		**Source: 2510031-01**		Prepared: 10/10/25 10:00		Analyzed: 10/10/25 16:13			
Cyanide, Amenable	0.104	0.020	mg/L	0.100	<0.020	104	80-120		
Matrix Spike Dup (B541295-MSD1)		**Source: 2510031-01**		Prepared: 10/10/25 10:00		Analyzed: 10/10/25 16:13			
Cyanide, Amenable	0.104	0.020	mg/L	0.100	<0.020	104	80-120	0	20
Batch B542188 - EPA 1664A									
Blank (B542188-BLK1)				Prepared: 10/14/25 12:00		Analyzed: 10/14/25 17:01			
Oil & Grease (HEM)	<4.75	4.75	mg/L						
LCS (B542188-BS1)				Prepared: 10/14/25 12:00		Analyzed: 10/14/25 17:02			
Oil & Grease (HEM)	38.0	4.75	mg/L	40.0		95	78-114		
LCS Dup (B542188-BSD1)				Prepared: 10/14/25 12:00		Analyzed: 10/14/25 17:03			
Oil & Grease (HEM)	36.5	4.75	mg/L	40.0		91	78-114	4	18
Matrix Spike (B542188-MS1)		**Source: 2510048-04**		Prepared: 10/14/25 12:00		Analyzed: 10/14/25 17:10			
Oil & Grease (HEM)	52.2	4.75	mg/L	40.0	8.50	109	78-114		
Matrix Spike (B542188-MS2)		**Source: 2510049-06**		Prepared: 10/14/25 12:00		Analyzed: 10/14/25 17:17			
Oil & Grease (HEM)	41.4	4.75	mg/L	40.0	2.60	97	78-114		

Total Mercury by EPA 245.7 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B542238 - EPA 245.7									
Blank (B542238-BLK1)				Prepared: 10/16/25 09:00		Analyzed: 10/16/25 13:19			
Mercury	<5.00	5.00	ng/L						
LCS (B542238-BS1)				Prepared: 10/16/25 09:00		Analyzed: 10/16/25 13:21			
Mercury	27.1	5.00	ng/L	25.0		108	75-125		
LCS Dup (B542238-BSD1)				Prepared: 10/16/25 09:00		Analyzed: 10/16/25 13:24			

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Total Mercury by EPA 245.7 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B542238 - EPA 245.7									
LCS Dup (B542238-BSD1)				Prepared: 10/16/25 09:00		Analyzed: 10/16/25 13:24			
Mercury	27.3	5.00	ng/L	25.0		109	75-125	0.9	25
Matrix Spike (B542238-MS1)		**Source: 2510187-01**		Prepared: 10/16/25 09:00		Analyzed: 10/16/25 13:30			
Mercury	24.6	5.00	ng/L	25.0	2.56	88	63-111		
Matrix Spike Dup (B542238-MSD1)		**Source: 2510187-01**		Prepared: 10/16/25 09:00		Analyzed: 10/16/25 13:33			
Mercury	24.7	5.00	ng/L	25.0	2.56	89	63-111	0.6	18

Total Metals By ICP-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B541209 - EPA 200.8									
Blank (B541209-BLK1)				Prepared: 10/08/25 09:38		Analyzed: 10/08/25 13:26			
Aluminum	<2	2	ug/L						
Antimony	<5	5	ug/L						
Arsenic	<0.5	0.5	ug/L						
Barium	<3	3	ug/L						
Beryllium	<0.5	0.5	ug/L						
Cadmium	<1	1	ug/L						
Chromium	<3	3	ug/L						
Copper	<2	2	ug/L						
Lead	<0.5	0.5	ug/L						
Nickel	<2	2	ug/L						
Selenium	<5	5	ug/L						
Silver	<0.5	0.5	ug/L						
Thallium	<0.5	0.5	ug/L						
Zinc	<5	5	ug/L						
LCS (B541209-BS1)				Prepared: 10/08/25 09:38		Analyzed: 10/08/25 13:36			
Aluminum	993	2	ug/L	1000		99	85-115		
Antimony	114	5	ug/L	100		114	85-115		
Arsenic	100	0.5	ug/L	100		100	85-115		
Barium	99.2	3	ug/L	100		99	85-115		
Beryllium	106	0.5	ug/L	100		106	85-115		

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Total Metals By ICP-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	
Batch B541209 - EPA 200.8										
LCS (B541209-BS1)				Prepared: 10/08/25 09:38		Analyzed: 10/08/25 13:36				
Cadmium	105	1	ug/L	100		105	85-115			
Chromium	99.5	3	ug/L	100		100	85-115			
Copper	102	2	ug/L	100		102	85-115			
Lead	96.5	0.5	ug/L	100		96	85-115			
Nickel	102	2	ug/L	100		102	85-115			
Selenium	109	5	ug/L	100		109	85-115			
Silver	108	0.5	ug/L	100		108	85-115			
Thallium	90.9	0.5	ug/L	100		91	85-115			
Zinc	115	5	ug/L	100		115	85-115			L
LCS Dup (B541209-BSD1)				Prepared: 10/08/25 09:38		Analyzed: 10/08/25 13:40				
Aluminum	944	2	ug/L	1000		94	85-115	5	20	
Antimony	111	5	ug/L	100		111	85-115	3	20	
Arsenic	99.0	0.5	ug/L	100		99	85-115	1	20	
Barium	97.0	3	ug/L	100		97	85-115	2	20	
Beryllium	103	0.5	ug/L	100		103	85-115	3	20	
Cadmium	103	1	ug/L	100		103	85-115	2	20	
Chromium	95.5	3	ug/L	100		95	85-115	4	20	
Copper	99.3	2	ug/L	100		99	85-115	3	20	
Lead	94.3	0.5	ug/L	100		94	85-115	2	20	
Nickel	98.2	2	ug/L	100		98	85-115	4	20	
Selenium	110	5	ug/L	100		110	85-115	1	20	
Silver	104	0.5	ug/L	100		104	85-115	3	20	
Thallium	86.2	0.5	ug/L	100		86	85-115	5	20	
Zinc	111	5	ug/L	100		111	85-115	4	20	
Duplicate (B541209-DUP1)		**Source: 2510030-01**		Prepared: 10/08/25 09:38		Analyzed: 10/08/25 16:45				**D1**
Aluminum	157	25	ug/L		158			0.9	20	
Antimony	<50	50	ug/L		<50				20	
Arsenic	23.3	5	ug/L		26.7			14	20	
Barium	51.3	30	ug/L		54.7			6	20	
Beryllium	<5	5	ug/L		<5				20	
Cadmium	0.305	10	ug/L		1.04			109	20	S
Chromium	1.01	30	ug/L		0.761			28	20	S
Copper	4.51	20	ug/L		3.04			39	20	S
Lead	0.256	5	ug/L		0.454			56	20	S

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Total Metals By ICP-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	
Batch B541209 - EPA 200.8										
Duplicate (B541209-DUP1)		**Source: 2510030-01**		Prepared: 10/08/25 09:38		Analyzed: 10/08/25 16:45				**D1**
Nickel	5.23	20	ug/L		5.66			8	20	
Selenium	49.1	50	ug/L		47.8			3	20	
Silver	<5	5	ug/L		<5				20	
Thallium	4.09	5	ug/L		7.83			63	20	S
Zinc	29.9	50	ug/L		35.0			16	20	
Matrix Spike (B541209-MS1)		**Source: 2510030-01**		Prepared: 10/08/25 09:38		Analyzed: 10/08/25 16:52				**D1**
Aluminum	1180	25	ug/L	1000	158	102	75-125			
Antimony	107	50	ug/L	100	<50	107	75-125			
Arsenic	119	5	ug/L	100	26.7	92	75-125			
Barium	151	30	ug/L	100	54.7	96	75-125			
Beryllium	89.7	5	ug/L	100	<5	90	75-125			
Cadmium	96.8	10	ug/L	100	1.04	96	75-125			
Chromium	90.6	30	ug/L	100	0.761	90	75-125			
Copper	89.0	20	ug/L	100	3.04	86	75-125			
Lead	105	5	ug/L	100	0.454	105	75-125			
Nickel	90.8	20	ug/L	100	5.66	85	75-125			
Selenium	133	50	ug/L	100	47.8	85	75-125			
Silver	92.8	5	ug/L	100	<5	93	75-125			
Thallium	109	5	ug/L	100	7.83	101	75-125			
Zinc	138	50	ug/L	100	35.0	103	75-125			
Matrix Spike Dup (B541209-MSD1)		**Source: 2510030-01**		Prepared: 10/08/25 09:38		Analyzed: 10/08/25 16:55				**D1**
Aluminum	1120	25	ug/L	1000	158	96	75-125	5	20	
Antimony	110	50	ug/L	100	<50	110	75-125	3	20	
Arsenic	121	5	ug/L	100	26.7	95	75-125	2	20	
Barium	154	30	ug/L	100	54.7	99	75-125	2	20	
Beryllium	90.5	5	ug/L	100	<5	90	75-125	0.9	20	
Cadmium	100	10	ug/L	100	1.04	99	75-125	3	20	
Chromium	92.8	30	ug/L	100	0.761	92	75-125	2	20	
Copper	91.2	20	ug/L	100	3.04	88	75-125	2	20	
Lead	108	5	ug/L	100	0.454	108	75-125	3	20	
Nickel	95.0	20	ug/L	100	5.66	89	75-125	5	20	
Selenium	142	50	ug/L	100	47.8	94	75-125	6	20	
Silver	95.4	5	ug/L	100	<5	95	75-125	3	20	
Thallium	111	5	ug/L	100	7.83	103	75-125	2	20	

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Total Metals By ICP-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	
Batch B541209 - EPA 200.8										
Matrix Spike Dup (B541209-MSD1)		**Source: 2510030-01**		Prepared: 10/08/25 09:38		Analyzed: 10/08/25 16:55				**D1**
Zinc	124	50	ug/L	100	35.0	89	75-125	10	20	

Polychlorinated Biphenyls [PCB] - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B541168 - EPA 3510C									
Blank (B541168-BLK1)				Prepared: 10/06/25 10:00		Analyzed: 10/06/25 16:02			
PCB 1016	<0.2	0.2	ug/L						
PCB 1221	<0.2	0.2	ug/L						
PCB 1232	<0.2	0.2	ug/L						
PCB 1242	<0.2	0.2	ug/L						
PCB 1248	<0.2	0.2	ug/L						
PCB 1254	<0.2	0.2	ug/L						
PCB 1260	<0.2	0.2	ug/L						
Total PCBs	<0.2	0.2	ug/L						
Surrogate: Decachlorobiphenyl	*76.5*		*ug/L*	*100*		*76*	*23.6-87.6*		
Surrogate: Tetrachloro-meta-xylene	*48.8*		*ug/L*	*100*		*49*	*14.6-75.2*		
LCS (B541168-BS1)				Prepared: 10/06/25 10:00		Analyzed: 10/06/25 16:13			
PCB 1016	3.44	0.2	ug/L	5.00		69	38.4-106		
PCB 1260	3.84	0.2	ug/L	5.00		77	49.5-108		
Surrogate: Decachlorobiphenyl	*39.3*		*ug/L*	*50.0*		*79*	*23.6-87.6*		
Surrogate: Tetrachloro-meta-xylene	*27.6*		*ug/L*	*50.0*		*55*	*14.6-75.2*		
LCS Dup (B541168-BSD1)				Prepared: 10/06/25 10:00		Analyzed: 10/06/25 16:24			
PCB 1016	3.86	0.2	ug/L	5.00		77	38.4-106	12	37.3
PCB 1260	4.13	0.2	ug/L	5.00		83	49.5-108	7	16.5
Surrogate: Decachlorobiphenyl	*85.5*		*ug/L*	*100*		*86*	*23.6-87.6*		
Surrogate: Tetrachloro-meta-xylene	*61.4*		*ug/L*	*100*		*61*	*14.6-75.2*		
Matrix Spike (B541168-MS1)		**Source: 2510030-01**		Prepared: 10/06/25 10:00		Analyzed: 10/06/25 17:08			
PCB 1016	6.82	0.2	ug/L	10.0	<0.2	68	20.4-120		
PCB 1260	7.55	0.2	ug/L	10.0	<0.2	76	0.631-145		

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Polychlorinated Biphenyls [PCB] - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B541168 - EPA 3510C									
Matrix Spike (B541168-MS1)		**Source: 2510030-01**		Prepared: 10/06/25 10:00 Analyzed: 10/06/25 17:08					
Surrogate: Decachlorobiphenyl	*38.8*		*ug/L*	*50.0*		*78*	*23.6-87.6*		
Surrogate: Tetrachloro-meta-xylene	*26.5*		*ug/L*	*50.0*		*53*	*14.6-75.2*		

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B542145 - EPA 5030B									
Blank (B542145-BLK1)				Prepared: 10/11/25 11:26 Analyzed: 10/11/25 20:16					
1,1-Dichloroethane	<5	5	ug/L						
2-Chloroethyl Vinyl Ether	<5	5	ug/L						
Acrolein	<5	5	ug/L						
Bromomethane	<5	5	ug/L						CH, IH
Chloroethane	<5	5	ug/L						CH
Chloromethane	<5	5	ug/L						CH, IH
cis-1,2-Dichloroethylene	<5	5	ug/L						
cis-1,3-Dichloropropylene	<5	5	ug/L						
m,p-Xylenes	<5	5	ug/L						
Naphthalene	<5	5	ug/L						
o-Xylene	<5	5	ug/L						
trans-1,2-Dichloroethylene	<5	5	ug/L						
trans-1,3-Dichloropropylene	<5	5	ug/L						
Trichlorofluoromethane	<5	5	ug/L						CH
Isopropylbenzene (Cumene)	<5	5	ug/L						
Methacrylonitrile	<5	5	ug/L						
Methyl Butyl Ketone (2-Hexanone)	<5	5	ug/L						
Methyl Iodide [Iodomethane]	<5	5	ug/L						
Methyl Isobutyl Ketone [MIBK]	<5	5	ug/L						
Methyl Methacrylate	<5	5	ug/L						
Propylbenzene	<5	5	ug/L						
sec-Butylbenzene	<5	5	ug/L						
Styrene	<5	5	ug/L						
tert-Butylbenzene	<5	5	ug/L						

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Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	
Batch B542145 - EPA 5030B										
Blank (B542145-BLK1)				Prepared: 10/11/25 11:26 Analyzed: 10/11/25 20:16						
trans-1,4-Dichloro-2-butene	<5	5	ug/L							
Vinyl acetate	<2	2	ug/L							CH
LCS (B542145-BS1)				Prepared: 10/11/25 11:26 Analyzed: 10/11/25 17:33						
1,1-Dichloroethane	53.1	5	ug/L	50.0		106	70-130			
2-Chloroethyl Vinyl Ether	46.9	5	ug/L	50.0		94	1-225			
Acrolein	39.6	5	ug/L	50.0		79	60-140			
Bromomethane	81.3	5	ug/L	50.0		163	15-185			CH, IH
Chloroethane	82.5	5	ug/L	50.0		165	40-160			CH L
Chloromethane	124	5	ug/L	50.0		248	1-205			CH, IH L
cis-1,2-Dichloroethylene	55.7	5	ug/L	50.0		111	63.1-136			
cis-1,3-Dichloropropylene	57.8	5	ug/L	50.0		116	25-175			
m,p-Xylenes	106	5	ug/L	100		106	27.4-146			
Naphthalene	36.6	5	ug/L	50.0		73	5.3-152			
o-Xylene	53.8	5	ug/L	50.0		108	64.9-129			
trans-1,2-Dichloroethylene	57.0	5	ug/L	50.0		114	70-130			
trans-1,3-Dichloropropylene	62.5	5	ug/L	50.0		125	50-150			
Trichlorofluoromethane	90.0	5	ug/L	50.0		180	50-150			CH L
Isopropylbenzene (Cumene)	54.5	5	ug/L	50.0		109	89.1-134			
Methacrylonitrile	48.0	5	ug/L	50.0		96	54.3-133			
Methyl Butyl Ketone (2-Hexanone)	40.7	5	ug/L	50.0		81	52.8-142			
Methyl Iodide [Iodomethane]	52.2	5	ug/L	50.0		104	61.4-149			
Methyl Isobutyl Ketone [MIBK]	45.2	5	ug/L	50.0		90	63.1-137			
Methyl Methacrylate	50.3	5	ug/L	50.0		101	65.4-135			
Propylbenzene	56.3	5	ug/L	50.0		113	81.3-135			
sec-Butylbenzene	56.2	5	ug/L	50.0		112	85.9-132			
Styrene	52.4	5	ug/L	50.0		105	89.9-132			
tert-Butylbenzene	55.4	5	ug/L	50.0		111	83.2-135			
trans-1,4-Dichloro-2-butene	58.7	5	ug/L	50.0		117	59.9-141			
Vinyl acetate	122	2	ug/L	50.0		244	25.6-169			CH L
LCS Dup (B542145-BSD1)				Prepared: 10/11/25 11:26 Analyzed: 10/11/25 18:00						
1,1-Dichloroethane	51.4	5	ug/L	50.0		103	70-130	3	40	
2-Chloroethyl Vinyl Ether	45.4	5	ug/L	50.0		91	1-225	3	71	
Acrolein	39.2	5	ug/L	50.0		78	60-140	1	60	
Bromomethane	78.5	5	ug/L	50.0		157	15-185	4	61	CH, IH

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Additional Notes:

Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
Project Number: [none]

Reported:
10/17/25 18:05
Received:
10/02/25 09:10

Report No. 2510030

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	
Batch B542145 - EPA 5030B										
LCS Dup (B542145-BSD1)				Prepared: 10/11/25 11:26 Analyzed: 10/11/25 18:00						
Chloroethane	78.8	5	ug/L	50.0		158	40-160	5	78	CH
Chloromethane	120	5	ug/L	50.0		240	1-205	3	60	CH, IH L
cis-1,2-Dichloroethylene	53.7	5	ug/L	50.0		107	63.1-136	4	23.5	
cis-1,3-Dichloropropylene	56.3	5	ug/L	50.0		113	25-175	3	58	
m,p-Xylenes	103	5	ug/L	100		103	27.4-146	3	24.5	
Naphthalene	36.9	5	ug/L	50.0		74	5.3-152	0.9	30	
o-Xylene	51.8	5	ug/L	50.0		104	64.9-129	4	24.5	
trans-1,2-Dichloroethylene	54.7	5	ug/L	50.0		109	70-130	4	45	
trans-1,3-Dichloropropylene	60.6	5	ug/L	50.0		121	50-150	3	86	
Trichlorofluoromethane	87.8	5	ug/L	50.0		176	50-150	2	84	CH L
Isopropylbenzene (Cumene)	52.8	5	ug/L	50.0		106	89.1-134	3	15.5	
Methacrylonitrile	47.1	5	ug/L	50.0		94	54.3-133	2	16.1	
Methyl Butyl Ketone (2-Hexanone)	39.6	5	ug/L	50.0		79	52.8-142	3	18.5	
Methyl Iodide [Iodomethane]	50.0	5	ug/L	50.0		100	61.4-149	4	15.7	
Methyl Isobutyl Ketone [MIBK]	43.9	5	ug/L	50.0		88	63.1-137	3	16.9	
Methyl Methacrylate	48.7	5	ug/L	50.0		97	65.4-135	3	16.6	
Propylbenzene	54.8	5	ug/L	50.0		110	81.3-135	3	17.4	
sec-Butylbenzene	54.7	5	ug/L	50.0		109	85.9-132	3	17.2	
Styrene	50.5	5	ug/L	50.0		101	89.9-132	4	14.6	
tert-Butylbenzene	53.7	5	ug/L	50.0		107	83.2-135	3	16.3	
trans-1,4-Dichloro-2-butene	58.5	5	ug/L	50.0		117	59.9-141	0.4	26	
Vinyl acetate	130	2	ug/L	50.0		260	25.6-169	6	18	CH L

Integrity Testing
8127 Mesa Dr #C-305
Austin TX, 78759

Additional Notes:

Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
Project Number: [none]

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10/02/25 09:10

Report No. 2510030

SAMPLE QUALIFIERS

Q1	MS sample analyzed in this batch is NOT from this specific sampling site.
Q	Additional Sample volumes were NOT provided to the laboratory for the analysis of an MS sample as required by EPA Method 1664.
P2	Samples received at pH<2
IH	ICV recovery is outside QC limits, the results may have a slight high bias.
D1	Dilution analysis was performed because internal standard recoveries were outside acceptable range, due to matrix interference.
CH	CCV recovery is outside QC limits, the results may have a slight high bias.

DEFINITIONS

*	TNI / NELAC accredited analyte
PQL	Practical Quantitation Limit
MCL	Maximum Contaminant Level
mg/Kg	Milligrams per Kilogram (Parts per Million)
mg/L	Milligrams per Liter (Parts per Million)
PPM	Parts per Million
L	LCS recovery is outside QC acceptance limits, the results may have a slight bias.
M	MS recovery is outside QC limits, the results may have a slight bias due to possible matrix interferences.
NR	Not Recovered due to source sample concentration exceeds spiked concentration.
RMCCL	Recommended Maximum Concentration of Contaminants Level
Surr L	Surrogate recovery is low outside QC limits.
Surr H	Surrogate recovery is high outside QC limits.
HT	Sample received past holdtime
IC	Improper Container for this analyte(s)
IP	Improper preservation for this analyte(s)
IT	Improper Temperature
V	Inssuficient Volume
B	Sample collected in Bulk
S	RPD is outside QC limits.
AB	VOA Vial contained air bubbles.
OP	ortho-Phosphate was not filtered in the field within 15minutes of collection.
CCV	Continuing Calibration Verification Standard.
ICV	Initial Calibration Verification Standard.

Test Methods followed by the laboratory are referenced in the following approved methodology, unless otherwise specified.

Standard Methods for the Examination of Water and Wastewater, 23rd Edition, 2017
Methods for Chemical Analysis of Water and Wastes, EPA 600/4-79-020, Rev. March 1983
EPA SW Test Methods for the Examination of Solid Waste, SW-846, 1996

Integrity Testing
8127 Mesa Dr #C-305
Austin TX, 78759

Additional Notes:

Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
Project Number: [none]

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10/17/25 18:05
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10/02/25 09:10

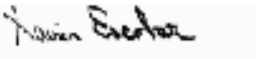
Report No. 2510030

Subcontracted Analyses

Subcontractor Lab	Lab Number	Analysis
Eurofins - Arkansas	2510030-01	TOC

Subcontractor Lab	Lab Number	Analysis
Eurofins - Houston	2510030-01	BisphenolA_SUB
Eurofins - Houston	2510030-01	Epichlorohydrin_SUB
Eurofins - Houston	2510030-01	Ethylene Glycol_SUB
Eurofins - Houston	2510030-01	Nonylphenol
Eurofins - Houston	2510030-01	SVOC_APPDX_IX

Aimee Landon For Marissa Esquivel, Lab Manager For



Xavier Escobar, Business Unit Manager

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

CHAIN-OF-CUSTODY RECORD

SAN ANTONIO TESTING LABORATORY, LLC

SATL
1610 S. Laredo Street, San Antonio, Texas 78207
Phone (210) 229-9920
Fax (210) 229-9921
www.satestinglab.com

REPORT TO:	INVOICE TO:	P.O. #
COMPANY: Integrity Testing	COMPANY: same	REPORT NUMBER: 2510030
ADDRESS: 8127 Mesa Dr. #C-305	ADDRESS	
CITY: Austin, TX 78759 STATE ZIP	CITY STATE ZIP	E-MAIL: cewert@austin.rr.com
ATTN: Chris Ewert 512-891-7777 PHONE #	ATTN: PHONE #	

REQUESTED TURNAROUND TIME IN BUSINESS DAYS & SURCHARGE: ☒ 7-10 Days REG ☐ 5 Days +25% ☐ 4 Days +50% ☐ 3 DAYS +75% ☐ 2 DAYS +100% ☐ Next Day +150% ☐ SAME DAY WHEN POSSIBLE +300%

PROJECT NAME/LOCATION/SITE: North Cameron WTP Permit Renewal

THE TURNAROUND TIME FOR SAMPLES RECEIVED AFTER 3:00 PM SHALL BEGIN AT 8:00 AM THE FOLLOWING BUSINESS DAY

SPECIAL REQ.:

DATA TO TCEQ ☐ RRC ☐ Other (Specify) ☑

Field: pH:____; Temp:____ °C; LCS/D:____/____; Dup:____

PROJECT NO.

SAMPLE TEMPERATURE WITHIN COMPLIANCE (> 0°C ≤ 6°C) ☒ YES ☐ NO
PROPER CONTAINERS ☒ YES ☐ NO

INSUFFICIENT SAMPLE AMOUNT FOR (TCLP/SPLP/OTHER): IF NO, INITIAL HERE TO AUTHORIZE ANALYSIS ____ ☐ YES ☒ NO

AUTHORIZE TO PROCEED____

SAMPLED BY: Alex Rodriguez

OBSERVED TEMP. / CORRECTED TEMP. / TEMP. hR GUN #: 2.1C / 2.1C / 10

SAMPLE ICED ☒ YES ☐ NO

TRRP 13 ☐ APPENDIX A ☐ LPST PCLS ☐ LOW LEVEL ☐ PST ☐ SIM ☐ TSDF Class 2 ☐ PERMIT ☐

ANALYSIS REQUESTED

SAMPLE NUMBER	DATE	TIME	DRINKING WATER	NON-POTABLE WATER	PAINT CHIPS	OIL	ORGANIC LIQUID	SOLID/SLUDGE	WIPE	OTHER	COMPOSITE	GRAB	CORE	OTHER	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	SAMPLE AMOUNT	CONTAINER SIZE	BTEX/MTBE 8260 / TPH TX1005/TX1006	Metals 8 / 11 / 12 / 13 / TCLP / SPLP / Total	PAH / SVOC / 8270 / 625 / TCLP / SPLP / Total	VOC / 8260 / 624 / TCLP / SPLP / Total	Water Quality - Drinking / Livestock / Irrigation	Coli / TC / FC / HPC / EColi / Enterococci / Q-Tray	Br / Cl / F / NO3 / NO2/O-P / SO4	PCB / 608 / 8082A	OC Pest / 608 / 8081A / TCLP / SPLP / Total	SEE ATTACHED	OIL + GREASE	AVAILABLE CYANIDE	PRESERVED WITH: ICE / HCl / HNO3 / H2SO4 / NaOH / ZnAc / NONE	PRESERVED IN THE LAB	COMPOSITED IN THE LAB	FILTERED IN THE LAB	FILTERED IN THE FIELD	REMARKS
1	10-1-25	1050		✓							✓				24-Hr Composite	29	*											X								
2	10-1-25	1050		✓							✓				Grab Sample	2	**												X	X						

* 1x250mL NaOH Plastic
1x250mL HNO3 Plastic
1x500mL HCL Glass
4x1L Amber Glass
1x120mL H2SO4 Plastic
8x VOA HCL
6x VOA unp.
3x VOA pH 4-5
4x VOA amber unp.

** 1x1L H2SO4 Glass
1x250mL NaOH Plastic

RELINQUISHED BY (SIGNATURE)	DATE / TIME	RECEIVED BY (SIGNATURE)	DATE / TIME	RELINQUISHED BY (SIGNATURE)	DATE / TIME	RECEIVED BY (SIGNATURE)	DATE / TIME
[signature]	10-1-25 1:20	[signature]	10-1-25 1:20	[signature]	10-1-25 2400	[signature]	10-2-25
RELINQUISHED BY (PRINT NAME)	DATE / TIME	RECEIVED BY (PRINT NAME): Jarrod Kohl	DATE / TIME	RELINQUISHED BY (PRINT NAME): Jarrod Kohl	DATE / TIME	RECEIVED BY (PRINT NAME): Hannah Thompson	DATE / TIME: 0910
RELINQUISHED BY (SIGNATURE)	DATE / TIME	RECEIVED BY (SIGNATURE)	DATE / TIME	METHOD OF SHIPMENT: Courier		SUBCONTRACTED ☒ YES ☐ NO	
RELINQUISHED BY (PRINT NAME)	DATE / TIME	RECEIVED BY (PRINT NAME)	DATE / TIME	BULK ☐ (Initial) 5035 ☐ N/A ☒		CUSTODY SEAL IN PLACE & INTACT ☒ YES ☐ NO	

INDUSTRIAL WASTEWATER PERMIT APPLICATION
WORKSHEET 2.0: POLLUTANT ANALYSIS

Worksheet 2.0 **is required** for all applications submitted for a TPDES permit. Worksheet 2.0 is not required for applications for a permit to dispose of all wastewater by land disposal or for discharges solely of stormwater associated with industrial activities.

Item 1. General Testing Requirements (Instructions, Page 55)

a. Provide the date range of all sampling events conducted to obtain the analytical data submitted with this application (e.g., 05/01/2018-05/30/2018): Click to enter text.

b. ☐ Check the box to confirm all samples were collected no more than 12 months prior to the date of application submittal.

c. Read the general testing requirements in the instructions for important information about sampling, test methods, and MALs. If a contact laboratory was used, attach a list which includes the name, contact information, and pollutants analyzed for each laboratory/firm. **Attachment:** Click to enter text.

Item 2. Specific Testing Requirements (Instructions, Page 56)

Attach correspondence from TCEQ approving submittal of less than the required number of samples, if applicable. **Attachment:** Click to enter text.

TABLE 1 and TABLE 2 (Instructions, Page 58)

Completion of Tables 1 and 2 is required for all external outfalls for all TPDES permit applications.

Table 1 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

	Pollutant	Sample 1 (mg/L)	Sample 2 (mg/L)	Sample 3 (mg/L)	Sample 4 (mg/L)
	~~BOD (5-day)~~				
	~~CBOD (5-day)~~				
	~~Chemical oxygen demand~~				
*	Total organic carbon				
	~~Dissolved oxygen~~				
	~~Ammonia nitrogen~~				
	~~Total suspended solids~~				
	~~Nitrate nitrogen~~				
*	~~Total organic nitrogen~~ TOTAL KJELDAHL NITROGEN				
	~~Total phosphorus~~				
*	Oil and grease GRAB SAMPLE				
	~~Total residual chlorine~~				

Pollutant	Sample 1 (mg/L)	Sample 2 (mg/L)	Sample 3 (mg/L)	Sample 4 (mg/L)
~~Total dissolved solids~~				
~~Sulfate~~				
~~Chloride~~				
~~Fluoride~~				
~~Total alkalinity (mg/L as CaCO3)~~				
~~Temperature (°F)~~				
~~pH (standard units)~~				

Table 2 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	Sample 1 (µg/L)	Sample 2 (µg/L)	Sample 3 (µg/L)	Sample 4 (µg/L)	MAL (µg/L)
Aluminum, total					2.5
Antimony, total					5
Arsenic, total					0.5
Barium, total					3
Beryllium, total					0.5
Cadmium, total					1
Chromium, total					3
Chromium, hexavalent					3
Chromium, trivalent					N/A
Copper, total					2
Cyanide, available	GRAB SAMPLE				2/10
Lead, total					0.5
Mercury, total					0.005/0.0005
Nickel, total					2
Selenium, total					5
Silver, total					0.5
Thallium, total					0.5
Zinc, total					5.0

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
1,1-Dichloroethene [1,1-Dichloroethylene]					10
Dichloromethane [Methylene chloride]					20
1,2-Dichloropropane					10
1,3-Dichloropropene [1,3-Dichloropropylene]					10
2,4-Dimethylphenol					10
Di-n-Butyl phthalate					10
Epichlorohydrin (1-Chloro-2,3-epoxypropane)					---
Ethylbenzene					10
Ethylene Glycol					---
Fluoride					500
Hexachlorobenzene					5
Hexachlorobutadiene					10
Hexachlorocyclopentadiene					10
Hexachloroethane					20
4,4'-Isopropylidenediphenol (bisphenol A)					1
Methyl ethyl ketone					50
Methyl tert-butyl ether (MTBE)					---
Nitrobenzene					10
N-Nitrosodiethylamine					20
N-Nitroso-di-n-butylamine					20
Nonylphenol					333
Pentachlorobenzene					20
Pentachlorophenol					5
Phenanthrene					10
Polychlorinated biphenyls (PCBs) (**)					0.2
Pyridine					20
1,2,4,5-Tetrachlorobenzene					20
1,1,2,2-Tetrachloroethane					10
Tetrachloroethene [Tetrachloroethylene]					10

TABLE 3 (Instructions, Page 58)

Completion of Table 3 **is required** for all **external outfalls** which discharge process wastewater.

Partial completion of Table 3 **is required** for all **external outfalls** which discharge non-process wastewater and stormwater associated with industrial activities commingled with other wastestreams (see instructions for additional guidance).

Table 3 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
Acrylonitrile					50
Anthracene					10
Benzene					10
Benzidine					50
Benzo(a)anthracene					5
Benzo(a)pyrene					5
Bis(2-chloroethyl)ether					10
Bis(2-ethylhexyl)phthalate					10
Bromodichloromethane [Dichlorobromomethane]					10
Bromoform					10
Carbon tetrachloride					2
Chlorobenzene					10
Chlorodibromomethane [Dibromochloromethane]					10
Chloroform					10
Chrysene					5
m-Cresol [3-Methylphenol]					10
o-Cresol [2-Methylphenol]					10
p-Cresol [4-Methylphenol]					10
1,2-Dibromoethane					10
m-Dichlorobenzene [1,3-Dichlorobenzene]					10
o-Dichlorobenzene [1,2-Dichlorobenzene]					10
p-Dichlorobenzene [1,4-Dichlorobenzene]					10
3,3'-Dichlorobenzidine					5
1,2-Dichloroethane					10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
Toluene					10
1,1,1-Trichloroethane					10
1,1,2-Trichloroethane					10
Trichloroethene [Trichloroethylene]					10
2,4,5-Trichlorophenol					50
TTHM (Total trihalomethanes)					10
Vinyl chloride					10

(*) Indicate units if different from µg/L.

(**) Total of detects for PCB-1242, PCB-1254, PCB-1221, PCB-1232, PCB-1248, PCB-1260, and PCB-1016. If all non-detects, enter the highest non-detect preceded by a "<".

ENVIRONMENTAL EXPRESS

CUSTODY SEAL

Person Collecting Sample _____ (signature) Sample No. 2400

Date Collected 10-1-25 Time Collected _____

ENVIRONMENTAL EXPRESS

CUSTODY SEAL

Person Collecting Sample _____ (signature) Sample No. 2400

Date Collected 10-1-25 Time Collected _____

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Aimee Landon
San Antonio Testing Laboratory Inc
1610 S Laredo Street
San Antonio, Texas 78207

Generated 10/10/2025 6:37:58 PM

JOB DESCRIPTION

2509030

JOB NUMBER

860-113227-1

Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477

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
10/10/2025 6:37:58 PM

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

Table of Contents

Definitions/Glossary

Client: San Antonio Testing Laboratory Inc
Job ID: 860-113227-1
Project/Site: 2509030

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

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

Glossary

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

Job Narrative
860-113227-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The sample was received on 10/3/2025 9:33 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 2.9°C.

Receipt Exceptions
The client contacted the lab on 10-09-25 to add additional analytes to the SVOCs list.

The Chain-of-Custody (COC) was incomplete as received and/or improperly completed. The client contacted the lab on 10-09-25 to say that the sample name should be 2510030-02 (24 Hr Composite).

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

GC/MS Semi VOA
Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-267599 recovered above the upper control limit for 2,4,6-Tribromophenol. The associated sample is:(CCVIS 860-267599/2).

Method 8270E_QQQ: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 860-266899 and analytical batch 860-267597 recovered outside control limits for the following analytes: Benzidine and 3,3'-Dichlorobenzidine.

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

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

General Chemistry
Method 5310C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with analytical batch 860-267908.

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

Detection Summary

Client: San Antonio Testing Laboratory Inc
Project/Site: 2509030

Job ID: 860-113227-1

Client Sample ID: 2510030-01 (24 Hour Composite)

Lab Sample ID: 860-113227-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	3.1		1.0	0.50	mg/L	1		SM 5310C	Total/NA

This Detection Summary does not include radiochemical test results.

Client: San Antonio Testing Laboratory Inc
Project/Site: 2509030

Job ID: 860-113227-1

Client Sample ID: 2510030-01 (24 Hour Composite)

Date Collected: 10/01/25 10:50
Date Received: 10/03/25 09:33

Lab Sample ID: 860-113227-1

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Epichlorohydrin	ND		0.050	0.0075	mg/L			10/09/25 07:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*125*		*63 - 144*		*10/09/25 07:10*	*1*
4-Bromofluorobenzene (Surr)	*97*		*74 - 124*		*10/09/25 07:10*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 131*		*10/09/25 07:10*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*10/09/25 07:10*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	ND		0.57	0.10	ug/L		10/07/25 11:15	10/09/25 22:34	1
Benzidine	ND	*1	2.8	0.54	ug/L		10/07/25 11:15	10/09/25 22:34	1
Benzo[a]anthracene	ND		0.28	0.13	ug/L		10/07/25 11:15	10/09/25 22:34	1
Benzo[a]pyrene	ND		0.28	0.11	ug/L		10/07/25 11:15	10/09/25 22:34	1
Bis(2-chloroethyl)ether	ND		0.57	0.11	ug/L		10/07/25 11:15	10/09/25 22:34	1
Bis(2-ethylhexyl) phthalate	ND		1.1	0.57	ug/L		10/07/25 11:15	10/09/25 22:34	1
Bisphenol-A	ND		1.1	0.69	ug/L		10/07/25 11:15	10/09/25 22:34	1
Chrysene	ND		0.57	0.096	ug/L		10/07/25 11:15	10/09/25 22:34	1
3,3'-Dichlorobenzidine	ND	*1	1.1	0.65	ug/L		10/07/25 11:15	10/09/25 22:34	1
2-Methylphenol	ND		0.57	0.11	ug/L		10/07/25 11:15	10/09/25 22:34	1
3 & 4 Methylphenol	ND		0.57	0.094	ug/L		10/07/25 11:15	10/09/25 22:34	1
2,4,5-Trichlorophenol	ND		0.57	0.43	ug/L		10/07/25 11:15	10/09/25 22:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*86*		*35 - 130*	*10/07/25 11:15*	*10/09/25 22:34*	*1*
2-Fluorophenol (Surr)	*44*		*19 - 120*	*10/07/25 11:15*	*10/09/25 22:34*	*1*
2-Fluorobiphenyl	*74*		*43 - 130*	*10/07/25 11:15*	*10/09/25 22:34*	*1*
Nitrobenzene-d5 (Surr)	*83*		*37 - 133*	*10/07/25 11:15*	*10/09/25 22:34*	*1*
Phenol-d5 (Surr)	*31*		*8 - 124*	*10/07/25 11:15*	*10/09/25 22:34*	*1*
p-Terphenyl-d14 (Surr)	*91*		*47 - 130*	*10/07/25 11:15*	*10/09/25 22:34*	*1*

Method: SW846 8015D - Glycols- Direct Injection (GC/FID)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene glycol	ND		5.0	1.2	mg/L			10/06/25 11:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SM 5310C)	**3.1**		1.0	0.50	mg/L			10/10/25 17:24	1

Surrogate Summary

Client: San Antonio Testing Laboratory Inc
Project/Site: 2509030

Job ID: 860-113227-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(63-144)	(74-124)	(75-131)	(80-120)
860-113227-1	2510030-01 (24 Hour Composite)	125	97	102	95
LCS 860-267346/3	Lab Control Sample	109	100	95	97
LCSD 860-267346/4	Lab Control Sample Dup	113	100	99	97
MB 860-267346/7	Method Blank	114	100	98	96

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	2FP	FBP	NBZ	PHL	TPHd14
Lab Sample ID	Client Sample ID	(35-130)	(19-120)	(43-130)	(37-133)	(8-124)	(47-130)
860-113227-1	2510030-01 (24 Hour Composite)	86	44	74	83	31	91
LCS 860-266899/2-A	Lab Control Sample	79	78	81	85	74	81
LCSD 860-266899/3-A	Lab Control Sample Dup	79	71	75	80	65	72
MB 860-266899/1-A	Method Blank	84	88	86	91	76	71

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
2FP = 2-Fluorophenol (Surr)
FBP = 2-Fluorobiphenyl
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-267346/7
Matrix: Water
Analysis Batch: 267346

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Epichlorohydrin	ND		0.050	0.0075	mg/L			10/09/25 02:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*63 - 144*		*10/09/25 02:11*	*1*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*		*10/09/25 02:11*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 131*		*10/09/25 02:11*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*10/09/25 02:11*	*1*

Lab Sample ID: LCS 860-267346/3
Matrix: Water
Analysis Batch: 267346

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

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*109*		*63 - 144*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*
Dibromofluoromethane (Surr)	*95*		*75 - 131*
Toluene-d8 (Surr)	*97*		*80 - 120*

Lab Sample ID: LCSD 860-267346/4
Matrix: Water
Analysis Batch: 267346

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

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*113*		*63 - 144*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*
Dibromofluoromethane (Surr)	*99*		*75 - 131*
Toluene-d8 (Surr)	*97*		*80 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Lab Sample ID: MB 860-266899/1-A
Matrix: Water
Analysis Batch: 267597

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 266899

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	ND		0.57	0.10	ug/L		10/07/25 11:15	10/09/25 19:47	1
Benzidine	ND		2.9	0.54	ug/L		10/07/25 11:15	10/09/25 19:47	1
Benzo[a]anthracene	ND		0.29	0.13	ug/L		10/07/25 11:15	10/09/25 19:47	1
Benzo[a]pyrene	ND		0.29	0.11	ug/L		10/07/25 11:15	10/09/25 19:47	1
Bis(2-chloroethyl)ether	ND		0.57	0.11	ug/L		10/07/25 11:15	10/09/25 19:47	1
Bis(2-ethylhexyl) phthalate	ND		1.1	0.57	ug/L		10/07/25 11:15	10/09/25 19:47	1
Bisphenol-A	ND		1.1	0.70	ug/L		10/07/25 11:15	10/09/25 19:47	1
Chrysene	ND		0.57	0.097	ug/L		10/07/25 11:15	10/09/25 19:47	1
3,3'-Dichlorobenzidine	ND		1.1	0.65	ug/L		10/07/25 11:15	10/09/25 19:47	1
2-Methylphenol	ND		0.57	0.11	ug/L		10/07/25 11:15	10/09/25 19:47	1
3 & 4 Methylphenol	ND		0.57	0.094	ug/L		10/07/25 11:15	10/09/25 19:47	1
2,4,5-Trichlorophenol	ND		0.57	0.43	ug/L		10/07/25 11:15	10/09/25 19:47	1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-266899/1-A
Matrix: Water
Analysis Batch: 267597

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 266899

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	84		35 - 130	10/07/25 11:15	10/09/25 19:47	1
2-Fluorophenol (Surr)	88		19 - 120	10/07/25 11:15	10/09/25 19:47	1
2-Fluorobiphenyl	86		43 - 130	10/07/25 11:15	10/09/25 19:47	1
Nitrobenzene-d5 (Surr)	91		37 - 133	10/07/25 11:15	10/09/25 19:47	1
Phenol-d5 (Surr)	76		8 - 124	10/07/25 11:15	10/09/25 19:47	1
p-Terphenyl-d14 (Surr)	71		47 - 130	10/07/25 11:15	10/09/25 19:47	1

Lab Sample ID: LCS 860-266899/2-A
Matrix: Water
Analysis Batch: 267597

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 266899

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Anthracene	5.71	4.28		ug/L		75	51 - 146
Benzidine	5.71	1.07	J	ug/L		19	5 - 82
Benzo[a]anthracene	5.71	4.33		ug/L		76	43 - 145
Benzo[a]pyrene	5.71	4.28		ug/L		75	52 - 136
Bis(2-chloroethyl)ether	5.71	3.90		ug/L		68	52 - 140
Bis(2-ethylhexyl) phthalate	5.71	3.79		ug/L		66	50 - 140
Bisphenol-A	5.71	3.42		ug/L		60	40 - 145
Chrysene	5.71	4.48		ug/L		78	47 - 137
3,3'-Dichlorobenzidine	5.71	3.16		ug/L		55	10 - 128
2-Methylphenol	5.71	4.10		ug/L		72	49 - 140
3 & 4 Methylphenol	5.71	3.78		ug/L		66	55 - 142
2,4,5-Trichlorophenol	5.71	4.39		ug/L		77	58 - 150

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	79		35 - 130
2-Fluorophenol (Surr)	78		19 - 120
2-Fluorobiphenyl	81		43 - 130
Nitrobenzene-d5 (Surr)	85		37 - 133
Phenol-d5 (Surr)	74		8 - 124
p-Terphenyl-d14 (Surr)	81		47 - 130

Lab Sample ID: LCSD 860-266899/3-A
Matrix: Water
Analysis Batch: 267597

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 266899

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Anthracene	5.71	3.94		ug/L		69	51 - 146	8	30
Benzidine	5.71	ND	*1	ug/L		7	5 - 82	96	30
Benzo[a]anthracene	5.71	3.52		ug/L		62	43 - 145	21	30
Benzo[a]pyrene	5.71	4.02		ug/L		70	52 - 136	6	30
Bis(2-chloroethyl)ether	5.71	3.41		ug/L		60	52 - 140	14	30
Bis(2-ethylhexyl) phthalate	5.71	3.49		ug/L		61	50 - 140	8	30
Bisphenol-A	5.71	2.64		ug/L		46	40 - 145	25	30
Chrysene	5.71	4.35		ug/L		76	47 - 137	3	30
3,3'-Dichlorobenzidine	5.71	1.16	*1	ug/L		20	10 - 128	93	30
2-Methylphenol	5.71	3.79		ug/L		66	49 - 140	8	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-266899/3-A
Matrix: Water
Analysis Batch: 267597

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 266899

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
3 & 4 Methylphenol			5.71	3.32		ug/L		58	55 - 142	13	30
2,4,5-Trichlorophenol			5.71	4.29		ug/L		75	58 - 150	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*79*		*35 - 130*
2-Fluorophenol (Surr)	*71*		*19 - 120*
2-Fluorobiphenyl	*75*		*43 - 130*
Nitrobenzene-d5 (Surr)	*80*		*37 - 133*
Phenol-d5 (Surr)	*65*		*8 - 124*
p-Terphenyl-d14 (Surr)	*72*		*47 - 130*

Method: 8015D - Glycols- Direct Injection (GC/FID)

Lab Sample ID: MB 860-266585/8
Matrix: Water
Analysis Batch: 266585

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene glycol	ND		5.0	1.2	mg/L			10/06/25 10:03	1

Lab Sample ID: LCS 860-266585/4
Matrix: Water
Analysis Batch: 266585

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ethylene glycol			50.2	46.3		mg/L		92	70 - 139		

Lab Sample ID: LCSD 860-266585/5
Matrix: Water
Analysis Batch: 266585

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethylene glycol			50.2	49.0		mg/L		98	70 - 139	6	30

Method: SM 5310C - TOC

Lab Sample ID: MB 860-267908/5
Matrix: Water
Analysis Batch: 267908

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.50	mg/L			10/10/25 13:46	1

Lab Sample ID: LCS 860-267908/6
Matrix: Water
Analysis Batch: 267908

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Organic Carbon			5.00	4.64		mg/L		93	90 - 110		

Method: SM 5310C - TOC (Continued)

Lab Sample ID: LCSD 860-267908/7
Matrix: Water
Analysis Batch: 267908

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 Organic Carbon			5.00	4.70		mg/L		94	90 - 110	1	15

Lab Sample ID: LLCS 860-267908/8
Matrix: Water
Analysis Batch: 267908

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

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Organic Carbon			1.00	0.639	J	mg/L		64	50 - 150		

QC Association Summary

Client: San Antonio Testing Laboratory Inc
Project/Site: 2509030

Job ID: 860-113227-1

GC/MS VOA

Analysis Batch: 267346

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113227-1	2510030-01 (24 Hour Composite)	Total/NA	Water	8260C	
MB 860-267346/7	Method Blank	Total/NA	Water	8260C	
LCS 860-267346/3	Lab Control Sample	Total/NA	Water	8260C	
LCSD 860-267346/4	Lab Control Sample Dup	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 266899

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113227-1	2510030-01 (24 Hour Composite)	Total/NA	Water	3511	
MB 860-266899/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-266899/2-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-266899/3-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 267597

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-266899/1-A	Method Blank	Total/NA	Water	8270E	266899
LCS 860-266899/2-A	Lab Control Sample	Total/NA	Water	8270E	266899
LCSD 860-266899/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	266899

Analysis Batch: 267599

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113227-1	2510030-01 (24 Hour Composite)	Total/NA	Water	8270E	266899

GC Semi VOA

Analysis Batch: 266585

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113227-1	2510030-01 (24 Hour Composite)	Total/NA	Water	8015D	
MB 860-266585/8	Method Blank	Total/NA	Water	8015D	
LCS 860-266585/4	Lab Control Sample	Total/NA	Water	8015D	
LCSD 860-266585/5	Lab Control Sample Dup	Total/NA	Water	8015D	

General Chemistry

Analysis Batch: 267908

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113227-1	2510030-01 (24 Hour Composite)	Total/NA	Water	SM 5310C	
MB 860-267908/5	Method Blank	Total/NA	Water	SM 5310C	
LCS 860-267908/6	Lab Control Sample	Total/NA	Water	SM 5310C	
LCSD 860-267908/7	Lab Control Sample Dup	Total/NA	Water	SM 5310C	
LLCS 860-267908/8	Lab Control Sample	Total/NA	Water	SM 5310C	

Lab Chronicle

Client: San Antonio Testing Laboratory Inc
Project/Site: 2509030

Job ID: 860-113227-1

Client Sample ID: 2510030-01 (24 Hour Composite)

Date Collected: 10/01/25 10:50
Date Received: 10/03/25 09:33

Lab Sample ID: 860-113227-1

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	8260C		1	5 mL	5 mL	267346	10/09/25 07:10	KLV	EET HOU
Total/NA	Prep	3511			70.3 mL	4 mL	266899	10/07/25 11:15	BH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	267599	10/09/25 22:34	PXS	EET HOU
Total/NA	Analysis	8015D		1	1 mL	1 mL	266585	10/06/25 11:38	JBS	EET HOU
Total/NA	Analysis	SM 5310C		1	40 mL	40 mL	267908	10/10/25 17:24	YG	EET HOU

Laboratory References:

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

Accreditation/Certification Summary

Client: San Antonio Testing Laboratory Inc
Project/Site: 2509030

Job ID: 860-113227-1

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	06-30-26

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
8270E	3511	Water	Bisphenol-A

Method Summary

Client: San Antonio Testing Laboratory Inc
Project/Site: 2509030

Job ID: 860-113227-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET HOU
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET HOU
8015D	Glycols- Direct Injection (GC/FID)	SW846	EET HOU
SM 5310C	TOC	SM	EET HOU
3511	Microextraction of Organic Compounds	SW846	EET HOU
5030C	Purge and Trap	SW846	EET HOU

Protocol References:

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

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

Laboratory References:

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

Sample Summary

Client: San Antonio Testing Laboratory Inc
Project/Site: 2509030

Job ID: 860-113227-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
860-113227-1	y5Lssr s-sL8(y48H1ui8C1mp12lD)	Water	10/01/25 10:50	10/03/25 09:33	Texas

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

CHAIN-OF-CUSTODY RECORD

SAN ANTONIO TESTING LABORATORY, LLC

SATL

1610 S. Laredo Street, San Antonio, Texas 78207
Phone (210) 229-9920
Fax (210) 229-9921
www.satestinglab.com

REPORT TO:		INVOICE TO:		P.O. #
COMPANY Eurofins San Antonio Testing Lab		COMPANY Same		REPORT NUMBER
ADDRESS 1610 S. Laredo St.		ADDRESS		
CITY San Antonio	STATE TX ZIP 78207	CITY	STATE ZIP	E-MAIL ...mee...andon@e...e...
ATTN: Aimee Landon	PHONE # 210-229-9920	ATTN: Elizabeth Lopez	PHONE # 210-229-9920	...com

REQUESTED TURNAROUND TIME IN BUSINESS DAYS & SURCHARGE: ☐ 7-10 Days REG ☐ 5 Days +25% ☐ 4 Days +50% ☐ 3 DAYS +75% ☐ 2 DAYS +100% ☐ Next Day +150% ☐ SAME DAY WHEN POSSIBLE +300%

PROJECT NAME/LOCATION/SITE

THE TURNAROUND TIME FOR SAMPLES RECEIVED AFTER 3:00 PM SHALL BEGIN AT 8:00 AM THE FOLLOWING BUSINESS DAY / SPECIAL REQ..

DATA TO TCEQ ☐ RRC ☐ Other (Specify) ☐ — Field: pH:____ Temp:____ °C; LCS/D:____/____ Dup:____

PROJECT NO.

SAMPLE TEMPERATURE WITHIN COMPLIANCE (> 0°C ≤ 6°C) ☐ YES ☐ NO
PROPER CONTAINERS ☐ YES ☐ NO
INSUFFICIENT SAMPLE AMOUNT FOR (TCLP/SPLP/OTHER): IF NO, INITIAL HERE TO AUTHORIZE ANALYSIS ____ ☐ YES ☐ NO — AUTHORIZE TO PROCEED ____

SAMPLED BY

OBSERVED TEMP. / CORRECTED TEMP. / TEMP I.R. GUN # / SAMPLE ICED ☐ YES ☐ NO — TRRP 13 ☐ APPENDIX A ☐ — LPST PCLS ☐ LOW LEVEL ☐ — PST ☐ SIM ☐ — TSDF Class 2 ☐ PERMIT ☐

ANALYSIS REQUESTED

Column headings: SAMPLE NUMBER; COLLECTED (DATE, TIME); matrix columns; SAMPLE IDENTIFICATION; NUMBER OF CONTAINERS; SAMPLE AMOUNT; CONTAINER SIZE; BTEX/MTBE 8260 / TPH TX1005/TX1006; Metals 8 / 11 / 12 / 13 / TCLP / SPLP / Total; PAH / SVOC / 8270 / 625 / TCLP / SPLP / Total; VOC / 8260 / 624 / TCLP / SPLP / Total; Water Quality - Drinking / Livestock / Irrigation; CaK / TC / FC / HPC / Enterococci / Q-Tray; Br / Cl / F / NO3 / NO2O-P / SO4; PCB / 608 / 8082A; OC Pest / 608 / 8081A / TCLP / SPLP / Total; Ethylene glycol; Epichlorohydrin; Bisphenol A; TOC; PRESERVED WITH (HCl, H2SO4, HNO3, NaOH, ZnAc, NaThio, PRESERVED IN THE LAB, COMPOSITED IN THE LAB, FILTERED IN THE LAB, FILTERED IN FIELD); REMARKS

SAMPLE NUMBER	DATE	TIME		SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	ANALYSIS	REMARKS
1	10-1-25	1050	✓ ✓	2509030-01 24hr composite	7 8	X X X X X X X X	
							3.1/2.4 Hou 368

860-113227 Chain of Custody

RELINQUISHED BY (SIGNATURE) [signature]	DATE / TIME 10/2/25	RECEIVED BY (SIGNATURE)	DATE / TIME	RELINQUISHED BY (SIGNATURE)	DATE / TIME	RECEIVED BY (SIGNATURE)	DATE / TIME
RELINQUISHED BY (PRINT NAME) Aimee Landon	DATE / TIME 1900	RECEIVED BY (PRINT NAME)	DATE / TIME	RELINQUISHED BY (PRINT NAME)	DATE / TIME	RECEIVED BY (PRINT NAME)	DATE / TIME
RELINQUISHED BY (SIGNATURE)	DATE / TIME	RECEIVED BY (SIGNATURE) [signature]	DATE / TIME 10-3-25 933	METHOD OF SHIPMENT		SUBCONTRACTED ☐ YES ☐ NO	
RELINQUISHED BY (PRINT NAME)	DATE / TIME	RECEIVED BY (PRINT NAME)	DATE / TIME	BULK ☐ (Initial) 5035 ☐ N/A ☐		CUSTODY SEAL IN PLACE & INTACT ☐ YES ☐ NO	

FORM COC REV 04/2022 — WHITE - LAB — CANARY - CLIENT

Login Sample Receipt Checklist

Client: San Antonio Testing Laboratory Inc

Job Number: 860-113227-1

Login Number: 113227

List Source: Eurofins Houston

List Number: 1

Creator: Jimenez, Nicanor

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	

INTEGRITY testing

8127 Mesa Dr. #C-305 * Austin, TX. 78759
(512) 891-7777 * www.integritytestingaustin.com

Eric Haydon
North Cameron Regional WSC

Rio Hondo, Texas 78583

Report Date: 10/14/2025
Report #: I252681
Project ID: North Cameron WTP Permit Renewal

Dear Eric Haydon,

Integrity Testing received a sample from the above referenced project on 10/09/2025 for the analyses presented in the following report.

The analytical data relates directly to the samples received by Integrity Testing and for only the analytes requested. Samples were intact and properly preserved unless otherwise noted in the Case Narrative. Results are reported as received unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. This laboratory report may only be reproduced in full.

If you need any assistance with this report, please let me know.

Sincerely,

Chris Ewert
Laboratory Manager

NELAP ACCREDITED TNI LABORATORY

TCEQ Laboratory ID: T104704525

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Eric Haydon
North Cameron Regional WSC

Rio Hondo, Texas 78583

Report Date: 10/14/2025
Report #: I252681
Project ID: North Cameron WTP Permit Renewal

CASE NARRATIVE

QC22969: The Anions by Ion Chromatography MS/MSD was prepared on an unrelated sample.
QC22974: No comments necessary.
QC22979: The Total Suspended Solids duplicate was prepared on an unrelated sample.
QC22980: The Total Dissolved Solids duplicate was prepared on an unrelated sample.
QC22982: The MS/MSD are outside of control limits due to matrix interferences.
QC23000: The Total Phosphorus as P MS/MSD was prepared on an unrelated sample.
QC23009: The CBOD5 duplicate was prepared on an unrelated sample.
QC23010: The BOD5 duplicate was prepared on an unrelated sample.

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Eric Haydon
North Cameron Regional WSC

Rio Hondo, Texas 78583

Report Date: 10/14/2025
Report #: I252681
Project ID: North Cameron WTP Permit Renewal

SAMPLE SUMMARY

Lab Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
I252681-1	24-Hr Composite Sample	Water	10/08/2025 11:00	10/09/2025

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Eric Haydon
North Cameron Regional WSC

Rio Hondo, Texas 78583

Report Date: 10/14/2025
Report #: I252681
Project ID: North Cameron WTP Permit Renewal

ANALYTICAL DATA REPORT

Client Sample ID: 24-Hr Composite Sample
Date Collected: 10/08/2025
Date Received: 10/09/2025

Lab Sample ID: I252681-1
Matrix: Water

Total Dissolved Solids

Method: SM2540C **Prep Method:** SM2540C **QC Batch ID:** QC22980

CAS#	Analyte	Result	SDL	MQL	Units	Q	DF	Prep Date	Date Analyzed	Analyst
	Total Dissolved Solids(TDS)	12000	100	100	mg/L		10		10/09/2025	CE

Total Suspended Solids

Method: SM2540D **Prep Method:** SM2540D **QC Batch ID:** QC22979

CAS#	Analyte	Result	SDL	MQL	Units	Q	DF	Prep Date	Date Analyzed	Analyst
	TSS	6.00	2.00	2.00	mg/L		1		10/09/2025	WO

CBOD5

Method: SM 5210B **Prep Method:** SM 5210B **QC Batch ID:** QC23009

CAS#	Analyte	Result	SDL	MQL	Units	Q	DF	Prep Date	Date Analyzed	Analyst
	CBOD5	<2.00	2.00	2.00	mg/L		1		10/09/2025 10:50	CE

BOD5

Method: SM 5210B **Prep Method:** SM 5210B **QC Batch ID:** QC23010

CAS#	Analyte	Result	SDL	MQL	Units	Q	DF	Prep Date	Date Analyzed	Analyst
	BOD5	<2.00	2.00	2.00	mg/L		1		10/09/2025 10:54	CE

Chemical Oxygen Demand

Method: H8000 **Prep Method:** H8000 **QC Batch ID:** QC22982

CAS#	Analyte	Result	SDL	MQL	Units	Q	DF	Prep Date	Date Analyzed	Analyst
	Chemical Oxygen Demand	48.0	3.00	15.0	mg/L		1		10/10/2025	CE

Anions by Ion Chromatography

Method: EPA 300.0 **Prep Method:** EPA 300.0 **QC Batch ID:** QC22969

CAS#	Analyte	Result	SDL	MQL	Units	Q	DF	Prep Date	Date Analyzed	Analyst
16887-00-6	Chloride	3780	0.100	0.200	mg/L	D	200		10/09/2025 16:36	WO
16984-48-8	Fluoride	2.51	0.0200	0.0400	mg/L		1		10/09/2025 16:05	WO
	Nitrate-N	<0.100	0.100	0.200	mg/L		1		10/09/2025 16:05	WO
14808-79-8	Sulfate	3190	0.100	0.200	mg/L	D	200		10/09/2025 16:36	WO

INTEGRITY testing

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Eric Haydon
North Cameron Regional WSC

Rio Hondo, Texas 78583

Report Date: 10/14/2025
Report #: I252681
Project ID: North Cameron WTP Permit Renewal

ANALYTICAL DATA REPORT

Client Sample ID: 24-Hr Composite Sample
Date Collected: 10/08/2025
Date Received: 10/09/2025

Lab Sample ID: I252681-1
Matrix: Water

Total Phosphorus as P **Method:** SM4500-P E **Prep Method:** SM4500-P E **QC Batch ID:** QC23000

CAS#	Analyte	Result	SDL	MQL	Units	Q	DF	Prep Date	Date Analyzed	Analyst
	Total Phosphorus	0.487	0.0200	0.0500	mg/L		1		10/13/2025	CE

Dissolved Oxygen **Method:** SM 4500 O-G **Prep Method:** SM 4500 O-G **QC Batch ID:** QC22974

CAS#	Analyte	Result	SDL	MQL	Units	Q	DF	Prep Date	Date Analyzed	Analyst
	Dissolved Oxygen	7.84	2.00	2.00	mg/L	H	1		10/09/2025 09:42	CE

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Eric Haydon
North Cameron Regional WSC

Rio Hondo, Texas 78583

Report Date: 10/14/2025
Report #: I252681
Project ID: North Cameron WTP Permit Renewal

QC REPORT

QC Batch ID: QC23010 **Matrix:** Water

QC Results

Analyte	Blank	Sample	DUP	RPD	Limit	LCS%	Limits
BOD5	<2	188	179	4.9	20	101	85-115

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Eric Haydon
North Cameron Regional WSC

Rio Hondo, Texas 78583

Report Date: 10/14/2025
Report #: I252681
Project ID: North Cameron WTP Permit Renewal

QC REPORT

QC Batch ID: QC23009 **Matrix:** Water

QC Results

Analyte	Blank	Sample	DUP	RPD	Limit	LCS%	Limits
CBOD5	<2	161	159	1.3	20	87	74-109

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Eric Haydon
North Cameron Regional WSC

Rio Hondo, Texas 78583

Report Date: 10/14/2025
Report #: I252681
Project ID: North Cameron WTP Permit Renewal

QC REPORT

QC Batch ID: QC22982 **Matrix:** Water

QC Results

Analyte	Blank	MS%	MSD%	Limits	RPD	Limit	LCS%	LCSD%	Limits	RPD	Limit
Chemical Oxygen Demand	<3	52*	57*	80-120	9.2	20	97	97	80-120	0	20

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Eric Haydon
North Cameron Regional WSC

Rio Hondo, Texas 78583

Report Date: 10/14/2025
Report #: I252681
Project ID: North Cameron WTP Permit Renewal

QC REPORT

QC Batch ID: QC22974 **Matrix:** Water

QC Results

Analyte	Sample	DUP	RPD	Limit
Dissolved Oxygen	7.84	7.83	0.13	20

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Eric Haydon
North Cameron Regional WSC

Rio Hondo, Texas 78583

Report Date: 10/14/2025
Report #: I252681
Project ID: North Cameron WTP Permit Renewal

QC REPORT

QC Batch ID: QC22979 **Matrix:** Water

QC Results

Analyte	Blank	Sample	DUP	RPD	Limit	LCS%	Limits
TSS	<2	582	590	1.4	20	95	80-120

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Eric Haydon
North Cameron Regional WSC

Rio Hondo, Texas 78583

Report Date: 10/14/2025
Report #: I252681
Project ID: North Cameron WTP Permit Renewal

QC REPORT

QC Batch ID: QC22969 **Matrix:** Water

QC Results

Analyte	Blank	MS%	MSD%	Limits	RPD	Limit	LCS%	LCSD%	Limits	RPD	Limit
Chloride	<0.1	102	106	90-110	3.8	20	97	98	90-110	1	20
Fluoride	<0.02	110	109	90-110	0.91	20	95	97	90-110	2.1	20
Nitrate-N	<0.1	105	109	90-110	3.7	20	97	97	90-110	0	20
Sulfate	<0.1	104	107	90-110	2.8	20	96	97	90-110	1	20

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Eric Haydon
North Cameron Regional WSC

Rio Hondo, Texas 78583

Report Date: 10/14/2025
Report #: I252681
Project ID: North Cameron WTP Permit Renewal

QC REPORT

QC Batch ID: QC23000 **Matrix:** Water

QC Results

Analyte	Blank	MS%	MSD%	Limits	RPD	Limit	LCS%	LCSD%	Limits	RPD	Limit
Total Phosphorus	<0.02	93	93	80-120	0	20	114	109	85-115	4.5	20

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Eric Haydon
North Cameron Regional WSC

Rio Hondo, Texas 78583

Report Date: 10/14/2025
Report #: I252681
Project ID: North Cameron WTP Permit Renewal

QC REPORT

QC Batch ID: QC22980 **Matrix:** Water

QC Results

Analyte	Blank	Sample	DUP	RPD	Limit	LCS%	Limits
Total Dissolved Solids(TDS)	<10	3592	3620	0.78	5	98	90-110

CHAIN OF CUSTODY

INTEGRITY testing

COC Number I252681

Name	Eric Hayon
Company	East Rio Hondo WSC
Address	29528 FM 510
City/State/Zip	San Benito, TX 78586
Phone	(956) 399-8709
FAX	
e-mail	elhaydon@erhwsc.com, jvgarcia@erhwsc.com
Project	North Cameron WTP Permit Renewal
Reference/PO	
Collected By	Alex Rodriguez

Turnaround Time Requested:
- [x] Standard
- [ ] 5-Day
- [ ] 3-Day
- [ ] 2-Day
- [ ] Next-Day
- [ ] Same-Day

Reporting Requirements:
- [x] Standard
- [ ] TRRP
- [ ] PST
- [ ] _____

Sample Description	Date	Time	Matrix	Type/# of Sample Containers: 1/2 Gallon Plastic	120mL H2SO4	Analysis Requested: BOD	CBOD	COD	DO	TSS	Nitrate	Total Phosphorus	TDS	Sulfate	Chloride	Fluoride	Lab #
24-Hr Composite Sample	10-8-25	1100	water	1	1	x	x	x	x	x	x	x	x	x	x	x	

Relinquished By	Date	Time	Received By	Date	Time	Comments:
	10-8-25	1:25		10-8-25	1:25	
	10-8-25	2300				
Relinquished By	Date	Time	Received By Laboratory	Date	Time	
				10/9/25	8:00	

Actual Temp: 5.8 C — Ice present (Y) / N

Corr. Temp: 5.86 C — IR Gun # 1

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INTEGRITY testing

SAMPLE RECEIPT CHECKLIST

Laboratory Number I252681 Checklist Completed by SM

Custody

Custody seals present?	(Yes)	No	
Custody seals intact?	(Yes)	No	NA
Chain-of-Custody included?	(Yes)	No	
Chain-of-Custody signed and dated by client?	(Yes)	No	
Samples collected and delivered the same day?	Yes	(No)	
Samples received within holding time?	(Yes)	No	

Thermal Preservation >0°C to 6°C

Thermal Preservation Applicable	(Yes)	No	
Samples received on ice?	(Yes)	No	

Uncorrected Temperature 5.8 °C Corrected Temperature 5.86 °C

IR Gun# 1

Sample Numbers Unacceptable _____

Samples

Samples properly labeled?	(Yes)	No	
Sample containers intact?	(Yes)	No	
Chain-of-Custody information matches samples?	(Yes)	No	
Chain-of-Custody filled out correctly and completely?	(Yes)	No	
Sample volume sufficient for requested analyses?	(Yes)	No	
Were samples received in hermetically sealed containers?	Yes	No	(NA)
Volatile vials received with no headspace?	Yes	No	(NA)
BOD/CBOD samples contain residual chlorine?	Yes	(No)	NA

Chlorine residual strip lot# 32514

Sample Numbers Unacceptable _____

Chemical Preservation - pH

Chemical Preservation Applicable	(Yes)	No	
pH acceptable upon receipt?	(Yes)	No	NA

pH paper lot # pH-001

Were unacceptable preservations adjusted upon receipt?	Yes	No	(NA)

Sample Numbers/Fraction Unacceptable: _____

Date _____ and Time _____ of preservation

Adjusted by: _____

Chemical Name _____ Lot# _____

Subcontracting

Sample Numbers Subcontracted: _____

Samples subcontracted to: _____

Analyses Subcontracted: _____

Shipped Via: _____

Date Shipped: _____

Comments: _____

_____

Sample Receiving Checklist 5-21-25

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(512) 891-7777 * www.integritytestingaustin.com

Eric Haydon
North Cameron Regional WSC

Rio Hondo, Texas 78583

Report Date: 10/14/2025
Report #: I252681
Project ID: North Cameron WTP Permit Renewal

QUALIFIERS AND ACRONYMS

Qualifier	Description
B	Analyte detected in the associated method blank above the detection limit
E	Concentration exceeds the calibration range of the instrument
H	Analyzed outside holding time
J	Indicates an estimated value
*	Value outside QC limits
D	Diluted analyte
N	This identification is based on a mass spectral library search, indicates presumptive evidence of a compound
NC	Integrity Testing does not hold TCEQ NELAC drinking water certification for this analyte.
C	Integrity Testing does not hold TCEQ NELAC certification for this analyte.
NR	Accreditation not available for this method
M	Modified Method
FB	Analyte detected in the associated field blank above the detection limit
TB	Analyte detected in the associated Trip/Field blank above the detection limit

Acronym	Description
DCS	Detection Check Study
DUP	Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
Blank	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
SDL	Sample Detection Limit
SUB	Subcontracted Parameter
TRRP	Texas Risk Reduction Program
DF	Dilution Factor
Q	Qualifiers
3540C-M	TCEQ Accepted, Integrity Testing validated modified continuous extraction tumbling method

END OF REPORT

SAN ANTONIO TESTING LABORATORY

October 22, 2025

Chris Ewert
Integrity Testing
8127 Mesa Dr #C-305
Austin, TX 78759

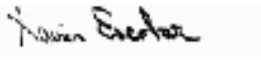
SATL Report No.: 2510187
RE: North Cameron WTP Permit Renewal

Dear Chris Ewert

SATL received 2 Sample(s) on 10/09/2025 for analyses identified on the chain of custody. The analyses were performed using methods indicated on the laboratory report. Any deviations observed at sample receiving are notated on the Sample Receipt Checklist and/or Chain of Custody documents attached as part of this analytical report.

Sincerely,

For San Antonio Testing Laboratory, Inc.



Xavier Escobar
Business Unit Manager

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

Integrity Testing
8127 Mesa Dr #C-305
Austin TX, 78759

Additional Notes:

Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
Project Number: [none]

Reported:
10/22/25 18:40
Received:
10/09/25 08:00

Report No. 2510187

SAMPLE SUMMARY

Total Samples received in this work order: **2**

The following samples were requested for analysis as per the CoC. Any re-runs or re-analyses requested are identified as such.

Sample ID	Laboratory ID	Matrix	Sampling Method	Date Sampled	Date Received
24-Hr Composite	2510187-01	Liquid	24hr Composite	10/08/25 11:00	10/09/25 08:00
Grab Sample	2510187-02	Liquid	Grab	10/09/25 08:00	10/09/25 08:00

Notes

All quality control samples and checks are within acceptance limits unless otherwise indicated.
Test results pertain only to those items tested.
All samples were in good condition when received by the laboratory unless otherwise noted.

DRAFT

Integrity Testing
8127 Mesa Dr #C-305
Austin TX, 78759

Additional Notes:

Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
Project Number: [none]

Reported:
10/22/25 18:40
Received:
10/09/25 08:00

Report No. 2510187

Sample ID #: 24-Hr Composite **Sampling Method: 24hr Composite** **Lab Sample ID #: 2510187-01**

Sample Matrix: Liquid **Date/Time Collected: 10/08/25 11:00**

Analyte	Result	Units	PQL	Prep Method	Batch	Analyzed	Method	Analyst	Notes
General Chemistry									
Cyanide, Amenable *	<0.020	mg/L	0.020	SM4500-CNC	B543208	10/20/25 16:15	SM4500CN_G	SG	
Oil & Grease (HEM) *	<8.96	mg/L	8.96	EPA 1664A	B543162	10/20/25 16:33	EPA 1664A	DD	Q
Hexavalent Chromium *	<0.3	ug/L	0.3	I-1230-85	B543219	10/09/25 17:15	I-1230-85	SG	
Total Mercury by EPA 245.7									
Mercury	2.56	ng/L	0.005	EPA 245.7	B542238	10/16/25 13:27	EPA 245.7	TW	
Total Metals By ICP-MS									**D1, P2**
Aluminum *	40	ug/L	2	EPA 200.8	B542239	10/17/25 13:28	EPA 200.8	SJ	CH1
Antimony *	<5	ug/L	5	EPA 200.8	B542239	10/17/25 13:28	EPA 200.8	SJ	
Arsenic *	8	ug/L	0.5	EPA 200.8	B542239	10/17/25 13:28	EPA 200.8	SJ	
Barium *	56	ug/L	3	EPA 200.8	B542239	10/17/25 13:28	EPA 200.8	SJ	
Beryllium *	<0.5	ug/L	0.5	EPA 200.8	B542239	10/17/25 13:28	EPA 200.8	SJ	
Cadmium *	<1	ug/L	1	EPA 200.8	B542239	10/17/25 13:28	EPA 200.8	SJ	
Chromium *	<3	ug/L	3	EPA 200.8	B542239	10/17/25 13:28	EPA 200.8	SJ	
Copper *	4	ug/L	2	EPA 200.8	B542239	10/17/25 13:28	EPA 200.8	SJ	
Lead *	<0.5	ug/L	0.5	EPA 200.8	B542239	10/17/25 13:28	EPA 200.8	SJ	
Nickel *	6	ug/L	2	EPA 200.8	B542239	10/17/25 13:28	EPA 200.8	SJ	
Selenium *	50	ug/L	5	EPA 200.8	B542239	10/17/25 13:28	EPA 200.8	SJ	
Silver *	<0.5	ug/L	0.5	EPA 200.8	B542239	10/17/25 13:28	EPA 200.8	SJ	
Thallium *	<0.5	ug/L	0.5	EPA 200.8	B542239	10/17/25 13:28	EPA 200.8	SJ	
Zinc *	33	ug/L	5	EPA 200.8	B542239	10/17/25 13:28	EPA 200.8	SJ	
Trivalent Chromium (Calculated)									
Trivalent Chromium	<3.00	ug/L	3.00	[CALC]	[CALC]	10/17/25 13:28	CALC	SG	

DRAFT

Integrity Testing
8127 Mesa Dr #C-305
Austin TX, 78759

Additional Notes:

Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
Project Number: [none]

Reported:
10/22/25 18:40
Received:
10/09/25 08:00

Report No. 2510187

Sample ID #: 24-Hr Composite **Sampling Method: 24hr Composite** **Lab Sample ID #: 2510187-01**

Sample Matrix: Liquid **Date/Time Collected: 10/08/25 11:00**

Analyte	Result	Units	PQL	Prep Method	Batch	Analyzed	Method	Analyst	Notes
Semivolatile Organic Compounds by GC/MS									
1,2,4,5-Tetrachlorobenzene *	<20	ug/L	20	EPA 3510C	B543201	10/22/25 16:07	EPA 625.1	MF	
2,4,5-Trichlorophenol *	<50	ug/L	50	EPA 3510C	B543201	10/21/25 20:25	EPA 625.1	MF	
2,4-Dimethylphenol *	<10	ug/L	10	EPA 3510C	B543201	10/21/25 20:25	EPA 625.1	MF	
2-Methylphenol [o-Cresol] *	<10	ug/L	10	EPA 3510C	B543201	10/21/25 20:25	EPA 625.1	MF	
3,3´-Dichlorobenzidine	<5	ug/L	5	EPA 3510C	B543201	10/21/25 20:25	EPA 625.1	MF	
3/4-Methylphenol *	<10	ug/L	10	EPA 3510C	B543201	10/21/25 20:25	EPA 625.1	MF	
Anthracene *	<10	ug/L	10	EPA 3510C	B543201	10/21/25 20:25	EPA 625.1	MF	
Benz(a)anthracene *	<5	ug/L	5	EPA 3510C	B543201	10/21/25 20:25	EPA 625.1	MF	
Benzidine *	<50	ug/L	50	EPA 3510C	B543201	10/21/25 20:25	EPA 625.1	MF	
Benzo(a)pyrene *	<2	ug/L	2	EPA 3510C	B543201	10/21/25 20:25	EPA 625.1	MF	
Bis(2-Chloroethyl)ether *	<10	ug/L	10	EPA 3510C	B543201	10/21/25 20:25	EPA 625.1	MF	
Bis(2-Ethylhexyl)phthalate *	<10	ug/L	10	EPA 3510C	B543201	10/21/25 20:25	EPA 625.1	MF	
Chrysene *	<5	ug/L	5	EPA 3510C	B543201	10/21/25 20:25	EPA 625.1	MF	
Di-n-butylphthalate *	<10	ug/L	10	EPA 3510C	B543201	10/21/25 20:25	EPA 625.1	MF	
Hexachlorobenzene *	<5	ug/L	5	EPA 3510C	B543201	10/21/25 20:25	EPA 625.1	MF	
Hexachlorobutadiene *	<10	ug/L	10	EPA 3510C	B543201	10/21/25 20:25	EPA 625.1	MF	
Hexachlorocyclopentadiene *	<10	ug/L	10	EPA 3510C	B543201	10/21/25 20:25	EPA 625.1	MF	
Hexachloroethane *	<10	ug/L	10	EPA 3510C	B543201	10/21/25 20:25	EPA 625.1	MF	
Nitrobenzene *	<10	ug/L	10	EPA 3510C	B543201	10/21/25 20:25	EPA 625.1	MF	
N-Nitrosodiethylamine *	<20	ug/L	20	EPA 3510C	B543201	10/22/25 16:07	EPA 625.1	MF	
N-Nitrosodi-n-butylamine *	<20	ug/L	20	EPA 3510C	B543201	10/22/25 16:07	EPA 625.1	MF	
Pentachlorobenzene *	<20	ug/L	20	EPA 3510C	B543201	10/22/25 16:07	EPA 625.1	MF	
Pentachlorophenol *	<5	ug/L	5	EPA 3510C	B543201	10/21/25 20:25	EPA 625.1	MF	
Phenanthrene *	<10	ug/L	10	EPA 3510C	B543201	10/21/25 20:25	EPA 625.1	MF	
Pyridine *	<20	ug/L	20	EPA 3510C	B543201	10/21/25 20:25	EPA 625.1	MF	
Surrogate: 2,4,6-Tribromophenol	*36 %*		*5-134*	*EPA 3510C*	*B543201*	*10/21/25 20:25*	*EPA 625.1*	*MF*	
Surrogate: 2-Fluorobiphenyl	*29 %*		*12.8-101*	*EPA 3510C*	*B543201*	*10/21/25 20:25*	*EPA 625.1*	*MF*	
Surrogate: 2-Fluorophenol	*17 %*		*5-101*	*EPA 3510C*	*B543201*	*10/21/25 20:25*	*EPA 625.1*	*MF*	
Surrogate: Nitrobenzene-d5	*25 %*		*10.7-118*	*EPA 3510C*	*B543201*	*10/21/25 20:25*	*EPA 625.1*	*MF*	
Surrogate: Phenol-d5	*15 %*		*5-87*	*EPA 3510C*	*B543201*	*10/21/25 20:25*	*EPA 625.1*	*MF*	
Surrogate: Terphenyl-d14	*40 %*		*25-133*	*EPA 3510C*	*B543201*	*10/21/25 20:25*	*EPA 625.1*	*MF*	

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Integrity Testing
8127 Mesa Dr #C-305
Austin TX, 78759

Additional Notes:

Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
Project Number: [none]

Reported:
10/22/25 18:40
Received:
10/09/25 08:00

Report No. 2510187

Sample ID #: 24-Hr Composite **Sampling Method: 24hr Composite** **Lab Sample ID #: 2510187-01**

Sample Matrix: Liquid **Date/Time Collected: 10/08/25 11:00**

Analyte	Result	Units	PQL		Prep Method	Batch	Analyzed	Method	Analyst	Notes
Semivolatile Organic Compounds by GC/MS (Nonylphenol)										
Nonylphenol	<333	ug/L	333		EPA 3510C	B543202	10/22/25 16:07	ASTM D7065	MF	
Surrogate: 2,4,6-Tribromophenol	*25 %*	*5-89.9*			*EPA 3510C*	*B543202*	*10/22/25 16:07*	*ASTM D7065*	*MF*	
Surrogate: 2-Fluorobiphenyl	*23 %*	*27-111*		*SurrL*	*EPA 3510C*	*B543202*	*10/22/25 16:07*	*ASTM D7065*	*MF*	
Surrogate: Phenol-d5	*19 %*	*5-64.3*			*EPA 3510C*	*B543202*	*10/22/25 16:07*	*ASTM D7065*	*MF*	
Surrogate: 2-Fluorophenol	*17 %*	*5-64.3*			*EPA 3510C*	*B543202*	*10/22/25 16:07*	*ASTM D7065*	*MF*	
Surrogate: Terphenyl-d14	*29 %*	*5-114*			*EPA 3510C*	*B543202*	*10/22/25 16:07*	*ASTM D7065*	*MF*	
Surrogate: Nitrobenzene-d5	*34 %*	*22-117*			*EPA 3510C*	*B543202*	*10/22/25 16:07*	*ASTM D7065*	*MF*	
Polychlorinated Biphenyls [PCB]										
PCB 1016 *	<0.2	ug/L	0.2		EPA 3510C	B543221	10/22/25 17:20	EPA 8082	MF	
PCB 1221 *	<0.2	ug/L	0.2		EPA 3510C	B543221	10/22/25 17:20	EPA 8082	MF	
PCB 1232 *	<0.2	ug/L	0.2		EPA 3510C	B543221	10/22/25 17:20	EPA 8082	MF	
PCB 1242 *	<0.2	ug/L	0.2		EPA 3510C	B543221	10/22/25 17:20	EPA 8082	MF	
PCB 1248 *	<0.2	ug/L	0.2		EPA 3510C	B543221	10/22/25 17:20	EPA 8082	MF	
PCB 1254 *	<0.2	ug/L	0.2		EPA 3510C	B543221	10/22/25 17:20	EPA 8082	MF	
PCB 1260 *	<0.2	ug/L	0.2		EPA 3510C	B543221	10/22/25 17:20	EPA 8082	MF	
Surrogate: Decachlorobiphenyl	*54 %*	*23.6-87.6*			*EPA 3510C*	*B543221*	*10/22/25 17:20*	*EPA 8082*	*MF*	
Surrogate: Tetrachloro-meta-xylene	*48 %*	*14.6-75.2*			*EPA 3510C*	*B543221*	*10/22/25 17:20*	*EPA 8082*	*MF*	
Volatile Organic Compounds by GC/MS										
1,1,1,2-Tetrachloroethane	<5	ug/L	5		EPA 5030B	B542145	10/11/25 21:38	EPA 624.1	ME	
1,2,4-Trichlorobenzene	<5	ug/L	5		EPA 5030B	B542145	10/11/25 21:38	EPA 624.1	ME	
1,1-Dichloropropylene	<5	ug/L	5		EPA 5030B	B542145	10/11/25 21:38	EPA 624.1	ME	
1,2-Dibromoethane *	<5	ug/L	5		EPA 5030B	B542145	10/11/25 21:38	EPA 624.1	ME	
1,2,3-Trichlorobenzene	<5	ug/L	5		EPA 5030B	B542145	10/11/25 21:38	EPA 624.1	ME	
1,2,3-Trichloropropane	<5	ug/L	5		EPA 5030B	B542145	10/11/25 21:38	EPA 624.1	ME	
1,2,4-Trimethylbenzene	<5	ug/L	5		EPA 5030B	B542145	10/11/25 21:38	EPA 624.1	ME	
1,2-Dibromo-3-chloropropane	<5	ug/L	5		EPA 5030B	B542145	10/11/25 21:38	EPA 624.1	ME	
1,3-Dichloropropene	<10	ug/L	10		EPA 5030B	B542145	10/11/25 21:38	EPA 624.1	ME	
Acetone *	<10	ug/L	10		EPA 5030B	B542145	10/11/25 21:38	EPA 624.1	ME	
1,3,5-Trimethylbenzene	<5	ug/L	5		EPA 5030B	B542145	10/11/25 21:38	EPA 624.1	ME	
1,3-Dichloropropane	<5	ug/L	5		EPA 5030B	B542145	10/11/25 21:38	EPA 624.1	ME	
2,2-Dichloropropane	<5	ug/L	5		EPA 5030B	B542145	10/11/25 21:38	EPA 624.1	ME	
2-Chlorotoluene	<5	ug/L	5		EPA 5030B	B542145	10/11/25 21:38	EPA 624.1	ME	
4-Chlorotoluene	<5	ug/L	5		EPA 5030B	B542145	10/11/25 21:38	EPA 624.1	ME	
4-Isopropyltoluene	<5	ug/L	5		EPA 5030B	B542145	10/11/25 21:38	EPA 624.1	ME	
Acetonitrile	<5	ug/L	5		EPA 5030B	B542145	10/11/25 21:38	EPA 624.1	ME	
Allyl Chloride (3-Chloropropylene)	<5	ug/L	5		EPA 5030B	B542145	10/11/25 21:38	EPA 624.1	ME	
Bromobenzene	<5	ug/L	5		EPA 5030B	B542145	10/11/25 21:38	EPA 624.1	ME	
Bromochloromethane	<5	ug/L	5		EPA 5030B	B542145	10/11/25 21:38	EPA 624.1	ME	

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Integrity Testing
8127 Mesa Dr #C-305
Austin TX, 78759

Additional Notes:

Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
Project Number: [none]

Reported:
10/22/25 18:40
Received:
10/09/25 08:00

Report No. 2510187

Sample ID #: 24-Hr Composite **Sampling Method: 24hr Composite** **Lab Sample ID #: 2510187-01**

Sample Matrix: Liquid **Date/Time Collected: 10/08/25 11:00**

Analyte	Result	Units	PQL	Prep Method	Batch	Analyzed	Method	Analyst	Notes
Volatile Organic Compounds by GC/MS									
Methyl Ethyl Ketone (2-Butanone) *	<5	ug/L	5	EPA 5030B	B542145	10/11/25 21:38	EPA 624.1	ME	
Butylbenzene	<5	ug/L	5	EPA 5030B	B542145	10/11/25 21:38	EPA 624.1	ME	
Carbon disulfide	<5	ug/L	5	EPA 5030B	B542145	10/11/25 21:38	EPA 624.1	ME	
cis-1,4-Dichloro-2-butene	<5	ug/L	5	EPA 5030B	B542145	10/11/25 21:38	EPA 624.1	ME	
Dibromomethane	<5	ug/L	5	EPA 5030B	B542145	10/11/25 21:38	EPA 624.1	ME	
Dichlorodifluoromethane	<5	ug/L	5	EPA 5030B	B542145	10/11/25 21:38	EPA 624.1	ME	IH
Ethyl Methacrylate	<5	ug/L	5	EPA 5030B	B542145	10/11/25 21:38	EPA 624.1	ME	
Hexachlorobutadiene	<5	ug/L	5	EPA 5030B	B542145	10/11/25 21:38	EPA 624.1	ME	
Isopropyl alcohol	<5	ug/L	5	EPA 5030B	B542145	10/11/25 21:38	EPA 624.1	ME	
Ethyl Alcohol	<1000	ug/L	1000	EPA 5030B	B542145	10/11/25 21:38	EPA 624.1	ME	
Xylenes, Total	<15	ug/L	15	EPA 5030B	B542145	10/11/25 21:38	EPA 624.1	ME	

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Integrity Testing
8127 Mesa Dr #C-305
Austin TX, 78759

Additional Notes:

Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
Project Number: [none]

Reported:
10/22/25 18:40
Received:
10/09/25 08:00

Report No. 2510187

Sample ID #: Grab Sample **Sampling Method: Grab** **Lab Sample ID #: 2510187-02**

Sample Matrix: Liquid **Date/Time Collected: 10/09/25 08:00**

Analyte	Result	Units	PQL	Prep Method	Batch	Analyzed	Method	Analyst	Notes
General Chemistry									
Cyanide, Amenable *	<0.020	mg/L	0.020	SM4500-CNC	B543208	10/20/25 16:15	SM4500CN_G	SG	
Oil & Grease (HEM) *	<4.75	mg/L	4.75	EPA 1664A	B543162	10/20/25 16:34	EPA 1664A	DD	Q

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Integrity Testing
8127 Mesa Dr #C-305
Austin TX, 78759

Additional Notes:

Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
Project Number: [none]

Reported:
10/22/25 18:40
Received:
10/09/25 08:00

Report No. 2510187

General Chemistry - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B543162 - EPA 1664A									
Blank (B543162-BLK1)				Prepared: 10/20/25 10:00 Analyzed: 10/20/25 16:30					
Oil & Grease (HEM)	<4.75	4.75	mg/L						
LCS (B543162-BS1)				Prepared: 10/20/25 10:00 Analyzed: 10/20/25 16:31					
Oil & Grease (HEM)	34.2	4.75	mg/L	40.0		86	78-114		
LCS Dup (B543162-BSD1)				Prepared: 10/20/25 10:00 Analyzed: 10/20/25 16:32					
Oil & Grease (HEM)	34.8	4.75	mg/L	40.0		87	78-114	2	18
Batch B543208 - SM4500-CNC									
Blank (B543208-BLK1)				Prepared: 10/20/25 16:00 Analyzed: 10/20/25 16:15					
Cyanide, Amenable	<0.020	0.020	mg/L						
LCS (B543208-BS1)				Prepared: 10/20/25 16:00 Analyzed: 10/20/25 16:15					
Cyanide, Amenable	0.106	0.020	mg/L	0.100		106	80-120		
LCS Dup (B543208-BSD1)				Prepared: 10/20/25 16:00 Analyzed: 10/20/25 16:15					
Cyanide, Amenable	0.105	0.020	mg/L	0.100		105	80-120	0.9	20
Matrix Spike (B543208-MS1)		**Source: 2510331-02**		Prepared: 10/20/25 16:00 Analyzed: 10/20/25 16:15					
Cyanide, Amenable	0.105	0.020	mg/L	0.100	<0.020	105	80-120		
Matrix Spike Dup (B543208-MSD1)		**Source: 2510331-02**		Prepared: 10/20/25 16:00 Analyzed: 10/20/25 16:15					
Cyanide, Amenable	0.104	0.020	mg/L	0.100	<0.020	104	80-120	1	20
Batch B543219 - I-1230-85									
Blank (B543219-BLK1)				Prepared: 10/09/25 17:05 Analyzed: 10/09/25 17:15					
Hexavalent Chromium	<3	3	ug/L						
LCS (B543219-BS1)				Prepared: 10/09/25 17:05 Analyzed: 10/09/25 17:15					
Hexavalent Chromium	382	3	ug/L	400		96	90-110		
LCS Dup (B543219-BSD1)				Prepared: 10/09/25 17:05 Analyzed: 10/09/25 17:15					
Hexavalent Chromium	382	3	ug/L	400		96	90-110	0	20
Matrix Spike (B543219-MS1)		**Source: 2510187-01**		Prepared: 10/09/25 17:05 Analyzed: 10/09/25 17:15					
Hexavalent Chromium	382	3	ug/L	400	<3	96	80-120		
Matrix Spike Dup (B543219-MSD1)		**Source: 2510187-01**		Prepared: 10/09/25 17:05 Analyzed: 10/09/25 17:15					

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Integrity Testing
8127 Mesa Dr #C-305
Austin TX, 78759

Additional Notes:

Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
Project Number: [none]

Reported:
10/22/25 18:40
Received:
10/09/25 08:00

Report No. 2510187

General Chemistry - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B543219 - I-1230-85									
Matrix Spike Dup (B543219-MSD1)		**Source: 2510187-01**		Prepared: 10/09/25 17:05		Analyzed: 10/09/25 17:15			
Hexavalent Chromium	382	3	ug/L	400	<3	96	80-120	0	20

Total Mercury by EPA 245.7 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B542238 - EPA 245.7									
Blank (B542238-BLK1)				Prepared: 10/16/25 09:00		Analyzed: 10/16/25 13:19			
Mercury	<5.00	5.00	ng/L						
LCS (B542238-BS1)				Prepared: 10/16/25 09:00		Analyzed: 10/16/25 13:21			
Mercury	27.1	5.00	ng/L	25.0		108	75-125		
LCS Dup (B542238-BSD1)				Prepared: 10/16/25 09:00		Analyzed: 10/16/25 13:24			
Mercury	27.3	5.00	ng/L	25.0		109	75-125	0.9	25
Matrix Spike (B542238-MS1)		**Source: 2510187-01**		Prepared: 10/16/25 09:00		Analyzed: 10/16/25 13:30			
Mercury	24.6	5.00	ng/L	25.0	2.56	88	63-111		
Matrix Spike Dup (B542238-MSD1)		**Source: 2510187-01**		Prepared: 10/16/25 09:00		Analyzed: 10/16/25 13:33			
Mercury	24.7	5.00	ng/L	25.0	2.56	89	63-111	0.6	18

Total Metals By ICP-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B542239 - EPA 200.8									
Blank (B542239-BLK1)				Prepared: 10/16/25 09:27		Analyzed: 10/16/25 17:54			
Aluminum	<2	2	ug/L						
Antimony	<5	5	ug/L						
Arsenic	<0.5	0.5	ug/L						
Barium	<3	3	ug/L						
Beryllium	<0.5	0.5	ug/L						

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Integrity Testing
8127 Mesa Dr #C-305
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Additional Notes:

Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
Project Number: [none]

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10/22/25 18:40
Received:
10/09/25 08:00

Report No. 2510187

Total Metals By ICP-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	
Batch B542239 - EPA 200.8										
Blank (B542239-BLK1)				Prepared: 10/16/25 09:27 Analyzed: 10/16/25 17:54						
Cadmium	<1	1	ug/L							
Chromium	<3	3	ug/L							
Copper	<2	2	ug/L							
Lead	<0.5	0.5	ug/L							
Nickel	<2	2	ug/L							
Selenium	<5	5	ug/L							
Silver	<0.5	0.5	ug/L							
Thallium	<0.5	0.5	ug/L							
Zinc	<5	5	ug/L							
LCS (B542239-BS1)				Prepared: 10/16/25 09:27 Analyzed: 10/16/25 17:57						
Aluminum	1020	2	ug/L	1000		102	85-115			
Antimony	111	5	ug/L	100		111	85-115			
Arsenic	98.3	0.5	ug/L	100		98	85-115			
Barium	101	3	ug/L	100		101	85-115			
Beryllium	106	0.5	ug/L	100		106	85-115			
Cadmium	98.9	1	ug/L	100		99	85-115			
Chromium	98.9	3	ug/L	100		99	85-115			
Copper	96.8	2	ug/L	100		97	85-115			
Lead	98.4	0.5	ug/L	100		98	85-115			
Nickel	99.3	2	ug/L	100		99	85-115			
Selenium	99.5	5	ug/L	100		99	85-115			
Silver	104	0.5	ug/L	100		104	85-115			
Thallium	97.5	0.5	ug/L	100		97	85-115			
Zinc	118	5	ug/L	100		118	85-115			L
LCS Dup (B542239-BSD1)				Prepared: 10/16/25 09:27 Analyzed: 10/16/25 18:01						
Aluminum	914	2	ug/L	1000		91	85-115	11	20	
Antimony	98.9	5	ug/L	100		99	85-115	11	20	
Arsenic	90.4	0.5	ug/L	100		90	85-115	8	20	
Barium	91.4	3	ug/L	100		91	85-115	10	20	
Beryllium	96.3	0.5	ug/L	100		96	85-115	10	20	
Cadmium	89.0	1	ug/L	100		89	85-115	11	20	
Chromium	88.4	3	ug/L	100		88	85-115	11	20	
Copper	86.8	2	ug/L	100		87	85-115	11	20	
Lead	89.5	0.5	ug/L	100		90	85-115	9	20	

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Integrity Testing
8127 Mesa Dr #C-305
Austin TX, 78759

Additional Notes:

Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
Project Number: [none]

Reported:
10/22/25 18:40
Received:
10/09/25 08:00

Report No. 2510187

Total Metals By ICP-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	
Batch B542239 - EPA 200.8										
LCS Dup (B542239-BSD1)				Prepared: 10/16/25 09:27		Analyzed: 10/16/25 18:01				
Nickel	88.5	2	ug/L	100		88	85-115	12	20	
Selenium	90.6	5	ug/L	100		91	85-115	9	20	
Silver	107	0.5	ug/L	100		107	85-115	3	20	
Thallium	90.7	0.5	ug/L	100		91	85-115	7	20	
Zinc	120	5	ug/L	100		120	85-115	1	20	L
Duplicate (B542239-DUP1)		**Source: 2510252-01**		Prepared: 10/16/25 09:27		Analyzed: 10/17/25 12:55				**D1**
Aluminum	33.8	25	ug/L		33.1			2	20	CH2
Antimony	<5	5	ug/L		<5				20	
Arsenic	13.1	0.5	ug/L		11.9			9	20	
Barium	165	3	ug/L		165			0.2	20	
Beryllium	<5	5	ug/L		<5				20	
Cadmium	0.0278	1	ug/L		0.0287			3	20	
Chromium	0.536	3	ug/L		0.670			22	20	S
Copper	2.49	2	ug/L		1.96			24	20	S
Lead	0.211	0.5	ug/L		0.185			13	20	
Nickel	1.63	2	ug/L		1.71			4	20	
Selenium	12.1	5	ug/L		13.9			14	20	
Silver	0.0779	0.5	ug/L		0.125			47	20	S
Thallium	<0.5	0.5	ug/L		<0.5				20	
Zinc	5.09	50	ug/L		5.36			5	20	
Matrix Spike (B542239-MS1)		**Source: 2510252-01**		Prepared: 10/16/25 09:27		Analyzed: 10/17/25 12:59				**D1**
Aluminum	1000	25	ug/L	1000	33.1	97	75-125			CH2
Antimony	115	5	ug/L	100	<5	115	75-125			
Arsenic	117	0.5	ug/L	100	11.9	105	75-125			
Barium	276	3	ug/L	100	165	111	75-125			
Beryllium	96.4	5	ug/L	100	<5	96	75-125			
Cadmium	95.8	1	ug/L	100	0.0287	96	75-125			
Chromium	99.8	3	ug/L	100	0.670	99	75-125			
Copper	85.8	2	ug/L	100	1.96	84	75-125			
Lead	107	0.5	ug/L	100	0.185	107	75-125			
Nickel	90.4	2	ug/L	100	1.71	89	75-125			
Selenium	111	5	ug/L	100	13.9	97	75-125			
Silver	86.9	0.5	ug/L	100	0.125	87	75-125			
Thallium	99.6	0.5	ug/L	100	<0.5	100	75-125			

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Integrity Testing
8127 Mesa Dr #C-305
Austin TX, 78759

Additional Notes:

Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
Project Number: [none]

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Total Metals By ICP-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	
Batch B542239 - EPA 200.8										
Matrix Spike (B542239-MS1)		**Source: 2510252-01**		Prepared: 10/16/25 09:27		Analyzed: 10/17/25 12:59				**D1**
Zinc	106	50	ug/L	100	5.36	100	75-125			
Matrix Spike Dup (B542239-MSD1)		**Source: 2510252-01**		Prepared: 10/16/25 09:27		Analyzed: 10/17/25 13:02				**D1**
Aluminum	1040	25	ug/L	1000	33.1	101	75-125	4	20	CH2
Antimony	111	5	ug/L	100	<5	111	75-125	4	20	
Arsenic	111	0.5	ug/L	100	11.9	99	75-125	5	20	
Barium	270	3	ug/L	100	165	105	75-125	2	20	
Beryllium	97.8	5	ug/L	100	<5	98	75-125	1	20	
Cadmium	92.9	1	ug/L	100	0.0287	93	75-125	3	20	
Chromium	95.8	3	ug/L	100	0.670	95	75-125	4	20	
Copper	82.1	2	ug/L	100	1.96	80	75-125	4	20	
Lead	104	0.5	ug/L	100	0.185	104	75-125	3	20	
Nickel	86.0	2	ug/L	100	1.71	84	75-125	5	20	
Selenium	102	5	ug/L	100	13.9	88	75-125	9	20	
Silver	83.0	0.5	ug/L	100	0.125	83	75-125	5	20	
Thallium	97.2	0.5	ug/L	100	<0.5	97	75-125	2	20	
Zinc	104	50	ug/L	100	5.36	99	75-125	1	20	

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B543201 - EPA 3510C									
Blank (B543201-BLK1)				Prepared: 10/21/25 10:30		Analyzed: 10/21/25 14:05			
1,2,4,5-Tetrachlorobenzene	<20	20	ug/L						
1,2,4-Trichlorobenzene	<2	2	ug/L						
1,2-Dichlorobenzene	<2	2	ug/L						
1,3-Dichlorobenzene	<2	2	ug/L						
1,4-Dichlorobenzene	<2	2	ug/L						
2,3,4,6-Tetrachlorophenol	<2	2	ug/L						
2,4,5-Trichlorophenol	<50	50	ug/L						
2,4,6-Trichlorophenol	<2	2	ug/L						
2,4-Dichlorophenol	<2	2	ug/L						
2,4-Dimethylphenol	<10	10	ug/L						

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Additional Notes:

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Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	
Batch B543201 - EPA 3510C										
Blank (B543201-BLK1)				Prepared: 10/21/25 10:30 Analyzed: 10/21/25 14:05						
2,4-Dinitrophenol	<10	10	ug/L							
2,4-Dinitrotoluene	<2	2	ug/L							
2,6-Dinitrotoluene	<2	2	ug/L							
2-Chloronaphthalene	<2	2	ug/L							
2-Chlorophenol	<2	2	ug/L							
2-Methylphenol [o-Cresol]	<10	10	ug/L							
2-Nitrophenol	<2	2	ug/L							
3,3´-Dichlorobenzidine	<5	5	ug/L							
3/4-Methylphenol	<10	10	ug/L							
4,6-Dinitro-2-methylphenol	<2	2	ug/L							
4-Bromophenyl-phenylether	<2	2	ug/L							
4-Chloro-3-methylphenol	<2	2	ug/L							
4-Chlorophenyl-phenylether	<2	2	ug/L							
4-Nitrophenol	<2	2	ug/L							
Acenaphthene	<2	2	ug/L							
Acenaphthylene	<2	2	ug/L							
Anthracene	<10	10	ug/L							
Azobenzene [1,2-Diphenylhydrazine]	<2	2	ug/L							CH
Benz(a)anthracene	<5	5	ug/L							
Benzidine	<50	50	ug/L							
Benzo(a)pyrene	<2	2	ug/L							
Benzo[b]fluoranthene	<2	2	ug/L							
Benzo[g,h,i]perylene	<2	2	ug/L							
Benzo[k]fluoranthene	<2	2	ug/L							
bis(2-Chloroethoxy)methane	<2	2	ug/L							
Bis(2-Chloroethyl)ether	<10	10	ug/L							
Bis(2-chloroisopropyl)ether	<2	2	ug/L							
Bis(2-Ethylhexyl)phthalate	<10	10	ug/L							
Butylbenzylphthalate	<2	2	ug/L							
Chrysene	<5	5	ug/L							
Dibenz[a,h]anthracene	<2	2	ug/L							
Diethylphthalate	<2	2	ug/L							
Dimethylphthalate	<2	2	ug/L							
Di-n-butylphthalate	<10	10	ug/L							
Di-n-octylphthalate	<2	2	ug/L							

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Integrity Testing
8127 Mesa Dr #C-305
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Additional Notes:

Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
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Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	
Batch B543201 - EPA 3510C										
Blank (B543201-BLK1)				Prepared: 10/21/25 10:30 Analyzed: 10/21/25 14:05						
Fluoranthene	<2	2	ug/L							
Fluorene	<2	2	ug/L							
Hexachlorobenzene	<5	5	ug/L							
Hexachlorobutadiene	<10	10	ug/L							
Hexachlorocyclopentadiene	<10	10	ug/L							
Hexachloroethane	<10	10	ug/L							
Indeno[1,2,3-cd]pyrene	<2	2	ug/L							
Isophorone	<2	2	ug/L							
Naphthalene	<2	2	ug/L							
Nitrobenzene	<10	10	ug/L							
N-Nitrosodiethylamine	<20	20	ug/L							
N-Nitrosodimethylamine	<2	2	ug/L							
N-Nitrosodi-n-butylamine	<20	20	ug/L							
N-Nitroso-di-n-propylamine	<10	10	ug/L							
N-Nitrosodiphenylamine	<2	2	ug/L							
Pentachlorobenzene	<20	20	ug/L							
Pentachlorophenol	<5	5	ug/L							
Phenanthrene	<10	10	ug/L							
Phenol	<2	2	ug/L							
Pyrene	<2	2	ug/L							
Pyridine	<20	20	ug/L							
Atrazine	<10	10	ug/L							
Surrogate: 2,4,6-Tribromophenol	*153*		*ug/L*	*200*		*77*	*5-134*			
Surrogate: 2-Fluorobiphenyl	*64.8*		*ug/L*	*100*		*65*	*12.8-101*			
Surrogate: 2-Fluorophenol	*127*		*ug/L*	*200*		*64*	*5-101*			
Surrogate: Nitrobenzene-d5	*67.0*		*ug/L*	*100*		*67*	*10.7-118*			
Surrogate: Phenol-d5	*113*		*ug/L*	*200*		*56*	*5-87*			
Surrogate: Terphenyl-d14	*83.4*		*ug/L*	*100*		*83*	*25-133*			
LCS (B543201-BS1)				Prepared: 10/21/25 10:30 Analyzed: 10/22/25 15:03						
1,2,4,5-Tetrachlorobenzene	37.1	20	ug/L	80.0		46	25-138			
1,2,4-Trichlorobenzene	45.8	2	ug/L	80.0		57	57-130			
1,2-Dichlorobenzene	44.3	2	ug/L	80.0		55	11.4-57.3			
1,3-Dichlorobenzene	43.0	2	ug/L	80.0		54	35.7-64.2			
1,4-Dichlorobenzene	46.2	2	ug/L	80.0		58	34.8-66.4			
2,3,4,6-Tetrachlorophenol	68.5	2	ug/L	80.0		86	50.5-83.3			L

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Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	
Batch B543201 - EPA 3510C										
LCS (B543201-BS1)				Prepared: 10/21/25 10:30 Analyzed: 10/21/25 14:26						
2,4,5-Trichlorophenol	62.5	50	ug/L	80.0		78	51.3-84.1			
2,4,6-Trichlorophenol	57.8	2	ug/L	80.0		72	52-129			
2,4-Dichlorophenol	52.1	2	ug/L	80.0		65	53-122			
2,4-Dimethylphenol	58.7	10	ug/L	80.0		73	42-120			
2,4-Dinitrophenol	71.1	10	ug/L	80.0		89	5-173			
2,4-Dinitrotoluene	55.3	2	ug/L	80.0		69	48-127			
2,6-Dinitrotoluene	55.0	2	ug/L	80.0		69	68-137			
2-Chloronaphthalene	52.7	2	ug/L	80.0		66	65-120			
2-Chlorophenol	49.7	2	ug/L	80.0		62	36-120			
2-Methylphenol [o-Cresol]	50.0	10	ug/L	80.0		62	41.8-84.1			
2-Nitrophenol	47.9	2	ug/L	80.0		60	45-167			
3,3´-Dichlorobenzidine	65.6	5	ug/L	80.0		82	8-213			
3/4-Methylphenol	42.3	10	ug/L	80.0		53	43-88.9			
4,6-Dinitro-2-methylphenol	68.0	2	ug/L	80.0		85	53-130			
4-Bromophenyl-phenylether	59.1	2	ug/L	80.0		74	65-120			
4-Chloro-3-methylphenol	58.7	2	ug/L	80.0		73	41-128			
4-Chlorophenyl-phenylether	59.8	2	ug/L	80.0		75	38-145			
4-Nitrophenol	46.8	2	ug/L	80.0		59	13-129			
Acenaphthene	53.5	2	ug/L	80.0		67	70-130			L
Acenaphthylene	50.2	2	ug/L	80.0		63	60-130			
Anthracene	56.3	10	ug/L	80.0		70	58-130			
Azobenzene [1,2-Diphenylhydrazine]	71.0	2	ug/L	80.0		89	50.4-98.2			CH
Benz(a)anthracene	68.1	5	ug/L	80.0		85	42-133			
Benzidine	25.8	50	ug/L	80.0		32	18.1-101			
Benzo(a)pyrene	67.8	2	ug/L	80.0		85	32-148			
Benzo[b]fluoranthene	73.5	2	ug/L	80.0		92	42-140			
Benzo[g,h,i]perylene	67.4	2	ug/L	80.0		84	5-195			
Benzo[k]fluoranthene	66.1	2	ug/L	80.0		83	25-146			
bis(2-Chloroethoxy)methane	48.4	2	ug/L	80.0		60	49-165			
Bis(2-Chloroethyl)ether	87.8	10	ug/L	80.0		110	43-126			
Bis(2-chloroisopropyl)ether	59.6	2	ug/L	80.0		74	63-139			
Bis(2-Ethylhexyl)phthalate	61.2	10	ug/L	80.0		76	29-137			
Butylbenzylphthalate	57.1	2	ug/L	80.0		71	5-140			
Chrysene	65.5	5	ug/L	80.0		82	44-140			
Dibenz[a,h]anthracene	70.4	2	ug/L	80.0		88	5-200			

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Integrity Testing
8127 Mesa Dr #C-305
Austin TX, 78759

Additional Notes:

Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
Project Number: [none]

Reported:
10/22/25 18:40
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Report No. 2510187

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B543201 - EPA 3510C									
LCS (B543201-BS1)				Prepared: 10/21/25 10:30 Analyzed: 10/21/25 14:26					
Diethylphthalate	63.1	2	ug/L	80.0		79	5-120		
Dimethylphthalate	59.7	2	ug/L	80.0		75	5-120		
Di-n-butylphthalate	57.6	10	ug/L	80.0		72	8-120		
Di-n-octylphthalate	56.1	2	ug/L	80.0		70	19-132		
Fluoranthene	61.6	2	ug/L	80.0		77	43-121		
Fluorene	56.8	2	ug/L	80.0		71	70-120		
Hexachlorobenzene	61.2	5	ug/L	80.0		76	8-142		
Hexachlorobutadiene	48.1	10	ug/L	80.0		60	38-120		
Hexachlorocyclopentadiene	51.7	10	ug/L	80.0		65	7.82-72.2		
Hexachloroethane	47.6	10	ug/L	80.0		60	55-120		
Indeno[1,2,3-cd]pyrene	87.5	2	ug/L	80.0		109	5-151		
Isophorone	49.5	2	ug/L	80.0		62	47-180		
Naphthalene	43.5	2	ug/L	80.0		54	36-120		
Nitrobenzene	57.1	10	ug/L	80.0		71	54-158		
N-Nitrosodiethylamine	58.4	20	ug/L	80.0		73	27.8-84.4		
N-Nitrosodimethylamine	45.1	2	ug/L	80.0		56	32.6-70.3		
N-Nitrosodi-n-butylamine	53.1	20	ug/L	80.0		66	43.2-77.9		
N-Nitroso-di-n-propylamine	55.1	10	ug/L	80.0		69	51-94.8		
N-Nitrosodiphenylamine	56.7	2	ug/L	80.0		71	54.5-90.5		
Pentachlorobenzene	44.8	20	ug/L	80.0		56	43.1-84.4		
Pentachlorophenol	66.7	5	ug/L	80.0		83	38-152		
Phenanthrene	54.7	10	ug/L	80.0		68	65-120		
Phenol	45.2	2	ug/L	80.0		57	17-120		
Pyrene	62.1	2	ug/L	80.0		78	70-120		
Pyridine	44.3	20	ug/L	80.0		55	29.2-68.7		
Atrazine	<10	10	ug/L	80.0			0-200		
Surrogate: 2,4,6-Tribromophenol	*173*		*ug/L*	*200*		*86*	*5-134*		
Surrogate: 2-Fluorobiphenyl	*63.2*		*ug/L*	*100*		*63*	*12.8-101*		
Surrogate: 2-Fluorophenol	*116*		*ug/L*	*200*		*58*	*5-101*		
Surrogate: Nitrobenzene-d5	*66.7*		*ug/L*	*100*		*67*	*46-219*		
Surrogate: Phenol-d5	*105*		*ug/L*	*200*		*53*	*48-208*		
Surrogate: Terphenyl-d14	*82.4*		*ug/L*	*100*		*82*	*25-133*		
LCS Dup (B543201-BSD1)				Prepared: 10/21/25 10:30 Analyzed: 10/22/25 15:24					
1,2,4,5-Tetrachlorobenzene	36.1	20	ug/L	80.0		45	25-138	3	13.6
1,2,4-Trichlorobenzene	46.4	2	ug/L	80.0		58	57-130	1	12.8

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Integrity Testing
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Austin TX, 78759

Additional Notes:

Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
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Report No. 2510187

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	
Batch B543201 - EPA 3510C										
LCS Dup (B543201-BSD1)				Prepared: 10/21/25 10:30 Analyzed: 10/21/25 14:46						
1,2-Dichlorobenzene	46.2	2	ug/L	80.0		58	11.4-57.3	4	15.4	L
1,3-Dichlorobenzene	47.2	2	ug/L	80.0		59	35.7-64.2	9	15.6	
1,4-Dichlorobenzene	45.4	2	ug/L	80.0		57	34.8-66.4	2	15.5	
2,3,4,6-Tetrachlorophenol	70.2	2	ug/L	80.0		88	50.5-83.3	2	17.6	L
2,4,5-Trichlorophenol	62.5	50	ug/L	80.0		78	51.3-84.1	0.03	16.1	
2,4,6-Trichlorophenol	61.8	2	ug/L	80.0		77	52-129	7	14.6	
2,4-Dichlorophenol	54.6	2	ug/L	80.0		68	53-122	5	12.1	
2,4-Dimethylphenol	61.0	10	ug/L	80.0		76	42-120	4	10.7	
2,4-Dinitrophenol	80.0	10	ug/L	80.0		100	5-173	12	152	
2,4-Dinitrotoluene	61.6	2	ug/L	80.0		77	48-127	11	12.3	
2,6-Dinitrotoluene	56.1	2	ug/L	80.0		70	68-137	2	15.7	
2-Chloronaphthalene	55.4	2	ug/L	80.0		69	65-120	5	12.2	
2-Chlorophenol	49.9	2	ug/L	80.0		62	36-120	0.4	11.4	
2-Methylphenol [o-Cresol]	53.7	10	ug/L	80.0		67	41.8-84.1	7	9.85	
2-Nitrophenol	52.2	2	ug/L	80.0		65	45-167	9	149	
3,3´-Dichlorobenzidine	66.0	5	ug/L	80.0		83	8-213	0.6	23.3	
3/4-Methylphenol	49.9	10	ug/L	80.0		62	43-88.9	17	7.98	S
4,6-Dinitro-2-methylphenol	69.0	2	ug/L	80.0		86	53-130	2	14.2	
4-Bromophenyl-phenylether	64.0	2	ug/L	80.0		80	65-120	8	16.1	
4-Chloro-3-methylphenol	63.2	2	ug/L	80.0		79	41-128	7	13.2	
4-Chlorophenyl-phenylether	61.8	2	ug/L	80.0		77	38-145	3	16.4	
4-Nitrophenol	42.3	2	ug/L	80.0		53	13-129	10	11.9	
Acenaphthene	56.5	2	ug/L	80.0		71	70-130	5	17.1	
Acenaphthylene	53.4	2	ug/L	80.0		67	60-130	6	17.2	
Anthracene	60.2	10	ug/L	80.0		75	58-130	7	19.8	
Azobenzene [1,2-Diphenylhydrazine]	77.7	2	ug/L	80.0		97	50.4-98.2	9	15.7	CH
Benz(a)anthracene	67.9	5	ug/L	80.0		85	42-133	0.4	21.1	
Benzidine	29.2	50	ug/L	80.0		37	18.1-101	12	22.9	
Benzo(a)pyrene	68.2	2	ug/L	80.0		85	32-148	0.5	18.3	
Benzo[b]fluoranthene	74.0	2	ug/L	80.0		93	42-140	0.7	18.4	
Benzo[g,h,i]perylene	67.6	2	ug/L	80.0		84	5-195	0.2	19.7	
Benzo[k]fluoranthene	64.2	2	ug/L	80.0		80	25-146	3	18.5	
bis(2-Chloroethoxy)methane	53.4	2	ug/L	80.0		67	49-165	10	13	
Bis(2-Chloroethyl)ether	57.9	10	ug/L	80.0		72	43-126	41	12.9	S
Bis(2-chloroisopropyl)ether	66.9	2	ug/L	80.0		84	63-139	12	12.2	

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Integrity Testing
8127 Mesa Dr #C-305
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Additional Notes:

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Project: North Cameron WTP Permit Renewal
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Report No. 2510187

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	
Batch B543201 - EPA 3510C										
LCS Dup (B543201-BSD1)				Prepared: 10/21/25 10:30 Analyzed: 10/21/25 14:46						
Bis(2-Ethylhexyl)phthalate	65.2	10	ug/L	80.0		81	29-137	6	30.9	
Butylbenzylphthalate	59.8	2	ug/L	80.0		75	5-140	5	14	
Chrysene	67.1	5	ug/L	80.0		84	44-140	2	37.7	
Dibenz[a,h]anthracene	69.7	2	ug/L	80.0		87	5-200	0.9	17.9	
Diethylphthalate	65.4	2	ug/L	80.0		82	5-120	4	17	
Dimethylphthalate	64.1	2	ug/L	80.0		80	5-120	7	16.1	
Di-n-butylphthalate	62.3	10	ug/L	80.0		78	8-120	8	15.1	
Di-n-octylphthalate	57.1	2	ug/L	80.0		71	19-132	2	12.4	
Fluoranthene	64.0	2	ug/L	80.0		80	43-121	4	17.8	
Fluorene	59.7	2	ug/L	80.0		75	70-120	5	16.5	
Hexachlorobenzene	67.4	5	ug/L	80.0		84	8-142	10	14.5	
Hexachlorobutadiene	50.4	10	ug/L	80.0		63	38-120	5	14	
Hexachlorocyclopentadiene	55.2	10	ug/L	80.0		69	7.82-72.2	6	23	
Hexachloroethane	55.8	10	ug/L	80.0		70	55-120	16	15	S
Indeno[1,2,3-cd]pyrene	86.9	2	ug/L	80.0		109	5-151	0.7	21.7	
Isophorone	50.5	2	ug/L	80.0		63	47-180	2	10.9	
Naphthalene	47.3	2	ug/L	80.0		59	36-120	8	12.3	
Nitrobenzene	61.5	10	ug/L	80.0		77	54-158	7	12.6	
N-Nitrosodiethylamine	63.6	20	ug/L	80.0		80	27.8-84.4	8	16.4	
N-Nitrosodimethylamine	54.2	2	ug/L	80.0		68	32.6-70.3	18	9.16	S
N-Nitrosodi-n-butylamine	67.0	20	ug/L	80.0		84	43.2-77.9	23	19.9	L S
N-Nitroso-di-n-propylamine	60.9	10	ug/L	80.0		76	51-94.8	10	11	
N-Nitrosodiphenylamine	63.8	2	ug/L	80.0		80	54.5-90.5	12	15	
Pentachlorobenzene	41.7	20	ug/L	80.0		52	43.1-84.4	7	21.7	
Pentachlorophenol	62.7	5	ug/L	80.0		78	38-152	6	14.4	
Phenanthrene	58.5	10	ug/L	80.0		73	65-120	7	19.1	
Phenol	42.0	2	ug/L	80.0		52	17-120	7	8.34	
Pyrene	66.1	2	ug/L	80.0		83	70-120	6	16.9	
Pyridine	50.6	20	ug/L	80.0		63	29.2-68.7	13	19.3	
Atrazine	<10	10	ug/L	80.0			0-200		200	
Surrogate: 2,4,6-Tribromophenol	*398*		*ug/L*	*400*		*100*	*5-134*			
Surrogate: 2-Fluorobiphenyl	*122*		*ug/L*	*200*		*61*	*12.8-101*			
Surrogate: 2-Fluorophenol	*241*		*ug/L*	*400*		*60*	*5-101*			
Surrogate: Nitrobenzene-d5	*142*		*ug/L*	*200*		*71*	*46-219*			
Surrogate: Phenol-d5	*244*		*ug/L*	*400*		*61*	*48-208*			

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Integrity Testing
8127 Mesa Dr #C-305
Austin TX, 78759

Additional Notes:

Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
Project Number: [none]

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10/22/25 18:40
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10/09/25 08:00

Report No. 2510187

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	
Batch B543201 - EPA 3510C										
LCS Dup (B543201-BSD1)				Prepared: 10/21/25 10:30		Analyzed: 10/21/25 14:46				
Surrogate: Terphenyl-d14	*171*		*ug/L*	*200*		*86*	*25-133*			
Matrix Spike (B543201-MS1)		**Source: 2510187-01**		Prepared: 10/21/25 10:30		Analyzed: 10/22/25 16:28				
1,2,4,5-Tetrachlorobenzene	59.7	20	ug/L	160	<20	37	2-200			
1,2,4-Trichlorobenzene	68.1	2	ug/L	160	<2	43	44-142			M
1,2-Dichlorobenzene	67.4	2	ug/L	160	<2	42	33.3-64.3			
1,3-Dichlorobenzene	71.7	2	ug/L	160	<2	45	31.1-63			
1,4-Dichlorobenzene	72.5	2	ug/L	160	<2	45	32.2-63			
2,3,4,6-Tetrachlorophenol	128	2	ug/L	160	<2	80	17.3-119			
2,4,5-Trichlorophenol	113	50	ug/L	160	<50	70	24.1-108			
2,4,6-Trichlorophenol	99.1	2	ug/L	160	<2	62	37-144			
2,4-Dichlorophenol	80.7	2	ug/L	160	<2	50	39-135			
2,4-Dimethylphenol	76.8	10	ug/L	160	<10	48	32-120			
2,4-Dinitrophenol	169	10	ug/L	160	<10	106	5-191			
2,4-Dinitrotoluene	104	2	ug/L	160	<2	65	39-139			
2,6-Dinitrotoluene	104	2	ug/L	160	<2	65	50-158			
2-Chloronaphthalene	77.7	2	ug/L	160	<2	49	60-120			M
2-Chlorophenol	74.3	2	ug/L	160	<2	46	23-134			
2-Methylphenol [o-Cresol]	63.5	10	ug/L	160	<10	40	18.1-104			
2-Nitrophenol	70.9	2	ug/L	160	<2	44	29-182			
3,3´-Dichlorobenzidine	106	5	ug/L	160	<5	66	5-262			
3/4-Methylphenol	167	10	ug/L	160	<10	105	15.1-103			M
4,6-Dinitro-2-methylphenol	127	2	ug/L	160	<2	79	5-181			
4-Bromophenyl-phenylether	107	2	ug/L	160	<2	67	53-127			
4-Chloro-3-methylphenol	94.2	2	ug/L	160	<2	59	22-147			
4-Chlorophenyl-phenylether	116	2	ug/L	160	<2	73	25-128			
4-Nitrophenol	66.4	2	ug/L	160	<2	42	5-132			
Acenaphthene	92.7	2	ug/L	160	<2	58	47-145			
Acenaphthylene	87.3	2	ug/L	160	<2	55	33-145			
Anthracene	103	10	ug/L	160	<10	65	27-133			
Azobenzene [1,2-Diphenylhydrazine]	120	2	ug/L	160	<2	75	44-97.1			CH
Benz(a)anthracene	121	5	ug/L	160	<5	76	33-143			
Benzidine	20.4	50	ug/L	160	<50	13	5-108			
Benzo(a)pyrene	127	2	ug/L	160	<2	79	17-163			
Benzo[b]fluoranthene	138	2	ug/L	160	<2	87	24-159			

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Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	
Batch B543201 - EPA 3510C										
Matrix Spike (B543201-MS1)		**Source: 2510187-01**		Prepared: 10/21/25 10:30		Analyzed: 10/21/25 20:46				
Benzo[g,h,i]perylene	132	2	ug/L	160	<2	82	5-219			
Benzo[k]fluoranthene	128	2	ug/L	160	<2	80	11-162			
bis(2-Chloroethoxy)methane	70.4	2	ug/L	160	<2	44	33-184			
Bis(2-Chloroethyl)ether	128	10	ug/L	160	<10	80	12-158			
Bis(2-chloroisopropyl)ether	93.8	2	ug/L	160	<2	59	36-166			
Bis(2-Ethylhexyl)phthalate	111	10	ug/L	160	<10	69	8-158			
Butylbenzylphthalate	101	2	ug/L	160	<2	63	5-152			
Chrysene	126	5	ug/L	160	<5	79	17-168			
Dibenz[a,h]anthracene	136	2	ug/L	160	<2	85	5-227			
Diethylphthalate	125	2	ug/L	160	<2	78	5-120			
Dimethylphthalate	110	2	ug/L	160	<2	69	5-120			
Di-n-butylphthalate	107	10	ug/L	160	<10	67	1-120			
Di-n-octylphthalate	102	2	ug/L	160	<2	64	4-146			
Fluoranthene	110	2	ug/L	160	<2	69	26-137			
Fluorene	103	2	ug/L	160	<2	65	59-121			
Hexachlorobenzene	105	5	ug/L	160	<5	66	5-152			
Hexachlorobutadiene	85.1	10	ug/L	160	<10	53	24-120			
Hexachlorocyclopentadiene	84.5	10	ug/L	160	<10	53	5-87			
Hexachloroethane	82.9	10	ug/L	160	<10	52	40-120			
Indeno[1,2,3-cd]pyrene	143	2	ug/L	160	<2	89	5-171			
Isophorone	69.8	2	ug/L	160	<2	44	21-196			
Naphthalene	69.0	2	ug/L	160	<2	43	21-133			
Nitrobenzene	85.2	10	ug/L	160	<10	53	35-180			
N-Nitrosodiethylamine	74.1	20	ug/L	160	<20	46	43.8-72.7			
N-Nitrosodimethylamine	63.4	2	ug/L	160	<2	40	14.5-77.4			
N-Nitrosodi-n-butylamine	76.3	20	ug/L	160	<20	48	51.5-65.1			M
N-Nitroso-di-n-propylamine	85.1	10	ug/L	160	<10	53	46.5-86.3			
N-Nitrosodiphenylamine	99.3	2	ug/L	160	<2	62	40.6-98.3			
Pentachlorobenzene	70.8	20	ug/L	160	<20	44	54.7-80			M
Pentachlorophenol	105	5	ug/L	160	<5	65	14-176			
Phenanthrene	105	10	ug/L	160	<10	66	54-120			
Phenol	68.5	2	ug/L	160	<2	43	5-120			
Pyrene	113	2	ug/L	160	<2	71	52-120			
Pyridine	49.4	20	ug/L	160	<20	31	3.89-92.1			
Atrazine	<10	10	ug/L	160	<10		0-200			

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Report No. 2510187

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B543201 - EPA 3510C									
Matrix Spike (B543201-MS1)		**Source: 2510187-01**		Prepared: 10/21/25 10:30		Analyzed: 10/21/25 20:46			
Surrogate: 2,4,6-Tribromophenol	*663*		*ug/L*	*800*		*83*	*5-134*		
Surrogate: 2-Fluorobiphenyl	*192*		*ug/L*	*400*		*48*	*12.8-101*		
Surrogate: 2-Fluorophenol	*277*		*ug/L*	*800*		*35*	*5-101*		
Surrogate: Nitrobenzene-d5	*205*		*ug/L*	*400*		*51*	*15-314*		
Surrogate: Phenol-d5	*225*		*ug/L*	*800*		*28*	*8-424*		
Surrogate: Terphenyl-d14	*322*		*ug/L*	*400*		*80*	*25-133*		

Semivolatile Organic Compounds by GC/MS (Nonylphenol) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B543202 - EPA 3510C									
Blank (B543202-BLK1)				Prepared: 10/21/25 10:30		Analyzed: 10/22/25 14:42			
Nonylphenol	<333	333	ug/L						
Surrogate: 2,4,6-Tribromophenol	*88.8*		*ug/L*	*200*		*44*	*5-89.9*		
Surrogate: 2-Fluorobiphenyl	*47.0*		*ug/L*	*100*		*47*	*27-111*		
Surrogate: Phenol-d5	*107*		*ug/L*	*200*		*54*	*5-64.3*		
Surrogate: 2-Fluorophenol	*115*		*ug/L*	*200*		*58*	*5-64.3*		
Surrogate: Terphenyl-d14	*57.6*		*ug/L*	*100*		*58*	*5-114*		
Surrogate: Nitrobenzene-d5	*85.7*		*ug/L*	*100*		*86*	*22-117*		
LCS (B543202-BS1)				Prepared: 10/21/25 10:30		Analyzed: 10/22/25 15:03			
Nonylphenol	417	333	ug/L	500		83	32.3-103		
Surrogate: 2,4,6-Tribromophenol	*104*		*ug/L*	*200*		*52*	*5-89.9*		
Surrogate: Phenol-d5	*100*		*ug/L*	*200*		*50*	*5-64.3*		
Surrogate: 2-Fluorobiphenyl	*52.7*		*ug/L*	*100*		*53*	*27-111*		
Surrogate: Terphenyl-d14	*68.7*		*ug/L*	*100*		*69*	*5-114*		
Surrogate: 2-Fluorophenol	*107*		*ug/L*	*200*		*54*	*5-64.3*		
Surrogate: Nitrobenzene-d5	*71.6*		*ug/L*	*100*		*72*	*22-117*		
LCS Dup (B543202-BSD1)				Prepared: 10/21/25 10:30		Analyzed: 10/22/25 15:24			
Nonylphenol	454	333	ug/L	500		91	32.3-103	8	21.4
Surrogate: 2,4,6-Tribromophenol	*251*		*ug/L*	*400*		*63*	*5-89.9*		
Surrogate: Phenol-d5	*233*		*ug/L*	*400*		*58*	*5-64.3*		

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Semivolatile Organic Compounds by GC/MS (Nonylphenol) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	
Batch B543202 - EPA 3510C										
LCS Dup (B543202-BSD1)				Prepared: 10/21/25 10:30 Analyzed: 10/22/25 15:24						
Surrogate: 2-Fluorobiphenyl	*99.7*		*ug/L*	*200*		*50*	*27-111*			
Surrogate: 2-Fluorophenol	*241*		*ug/L*	*400*		*60*	*5-64.3*			
Surrogate: Terphenyl-d14	*123*		*ug/L*	*200*		*61*	*5-114*			
Surrogate: Nitrobenzene-d5	*205*		*ug/L*	*200*		*103*	*22-117*			
Matrix Spike (B543202-MS1)		**Source: 2510187-01**		Prepared: 10/21/25 10:30 Analyzed: 10/22/25 16:28						
Nonylphenol	668	333	ug/L	1000	<333	67	26-117			
Surrogate: 2,4,6-Tribromophenol	*425*		*ug/L*	*400*		*106*	*5-89.9*			*SurrH*
Surrogate: 2-Fluorobiphenyl	*179*		*ug/L*	*200*		*89*	*27-111*			
Surrogate: Phenol-d5	*232*		*ug/L*	*400*		*58*	*5-64.3*			
Surrogate: 2-Fluorophenol	*242*		*ug/L*	*400*		*61*	*5-64.3*			
Surrogate: Terphenyl-d14	*241*		*ug/L*	*200*		*121*	*5-114*			*SurrH*
Surrogate: Nitrobenzene-d5	*208*		*ug/L*	*200*		*104*	*22-117*			

Polychlorinated Biphenyls [PCB] - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B543221 - EPA 3510C									
Blank (B543221-BLK1)				Prepared: 10/22/25 10:14 Analyzed: 10/22/25 16:58					
PCB 1016	<0.2	0.2	ug/L						
PCB 1221	<0.2	0.2	ug/L						
PCB 1232	<0.2	0.2	ug/L						
PCB 1242	<0.2	0.2	ug/L						
PCB 1248	<0.2	0.2	ug/L						
PCB 1254	<0.2	0.2	ug/L						
PCB 1260	<0.2	0.2	ug/L						
Surrogate: Decachlorobiphenyl	*56.6*		*ug/L*	*100*		*57*	*23.6-87.6*		
Surrogate: Tetrachloro-meta-xylene	*46.3*		*ug/L*	*100*		*46*	*14.6-75.2*		

Volatile Organic Compounds by GC/MS - Quality Control

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	
Batch B542145 - EPA 5030B										
Blank (B542145-BLK1)				Prepared: 10/11/25 11:26 Analyzed: 10/11/25 20:16						
1,1-Dichloroethane	<5	5	ug/L							
2-Chloroethyl Vinyl Ether	<5	5	ug/L							
Acrolein	<5	5	ug/L							
Bromomethane	<5	5	ug/L							CH, IH
Chloroethane	<5	5	ug/L							CH
Chloromethane	<5	5	ug/L							CH, IH
cis-1,2-Dichloroethylene	<5	5	ug/L							
cis-1,3-Dichloropropylene	<5	5	ug/L							
m,p-Xylenes	<5	5	ug/L							
Naphthalene	<5	5	ug/L							
o-Xylene	<5	5	ug/L							
trans-1,2-Dichloroethylene	<5	5	ug/L							
trans-1,3-Dichloropropylene	<5	5	ug/L							
Trichlorofluoromethane	<5	5	ug/L							CH
Isopropylbenzene (Cumene)	<5	5	ug/L							
Methacrylonitrile	<5	5	ug/L							
Methyl Butyl Ketone (2-Hexanone)	<5	5	ug/L							
Methyl Iodide [Iodomethane]	<5	5	ug/L							
Methyl Isobutyl Ketone [MIBK]	<5	5	ug/L							
Methyl Methacrylate	<5	5	ug/L							
Propylbenzene	<5	5	ug/L							
sec-Butylbenzene	<5	5	ug/L							
Styrene	<5	5	ug/L							
tert-Butylbenzene	<5	5	ug/L							
trans-1,4-Dichloro-2-butene	<5	5	ug/L							
Vinyl acetate	<2	2	ug/L							CH
LCS (B542145-BS1)				Prepared: 10/11/25 11:26 Analyzed: 10/11/25 17:33						
1,1-Dichloroethane	53.1	5	ug/L	50.0		106	70-130			
2-Chloroethyl Vinyl Ether	46.9	5	ug/L	50.0		94	1-225			
Acrolein	39.6	5	ug/L	50.0		79	60-140			
Bromomethane	81.3	5	ug/L	50.0		163	15-185			CH, IH
Chloroethane	82.5	5	ug/L	50.0		165	40-160			CH L
Chloromethane	124	5	ug/L	50.0		248	1-205			CH, IH L
cis-1,2-Dichloroethylene	55.7	5	ug/L	50.0		111	63.1-136			
cis-1,3-Dichloropropylene	57.8	5	ug/L	50.0		116	25-175			
m,p-Xylenes	106	5	ug/L	100		106	27.4-146			
Naphthalene	36.6	5	ug/L	50.0		73	5.3-152			
o-Xylene	53.8	5	ug/L	50.0		108	64.9-129			

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Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	
Batch B542145 - EPA 5030B										
LCS (B542145-BS1)				Prepared: 10/11/25 11:26 Analyzed: 10/11/25 17:33						
trans-1,2-Dichloroethylene	57.0	5	ug/L	50.0		114	70-130			
trans-1,3-Dichloropropylene	62.5	5	ug/L	50.0		125	50-150			
Trichlorofluoromethane	90.0	5	ug/L	50.0		180	50-150			CH L
Isopropylbenzene (Cumene)	54.5	5	ug/L	50.0		109	89.1-134			
Methacrylonitrile	48.0	5	ug/L	50.0		96	54.3-133			
Methyl Butyl Ketone (2-Hexanone)	40.7	5	ug/L	50.0		81	52.8-142			
Methyl Iodide [Iodomethane]	52.2	5	ug/L	50.0		104	61.4-149			
Methyl Isobutyl Ketone [MIBK]	45.2	5	ug/L	50.0		90	63.1-137			
Methyl Methacrylate	50.3	5	ug/L	50.0		101	65.4-135			
Propylbenzene	56.3	5	ug/L	50.0		113	81.3-135			
sec-Butylbenzene	56.2	5	ug/L	50.0		112	85.9-132			
Styrene	52.4	5	ug/L	50.0		105	89.9-132			
tert-Butylbenzene	55.4	5	ug/L	50.0		111	83.2-135			
trans-1,4-Dichloro-2-butene	58.7	5	ug/L	50.0		117	59.9-141			
Vinyl acetate	122	2	ug/L	50.0		244	25.6-169			CH L
LCS Dup (B542145-BSD1)				Prepared: 10/11/25 11:26 Analyzed: 10/11/25 18:00						
1,1-Dichloroethane	51.4	5	ug/L	50.0		103	70-130	3	40	
2-Chloroethyl Vinyl Ether	45.4	5	ug/L	50.0		91	1-225	3	71	
Acrolein	39.2	5	ug/L	50.0		78	60-140	1	60	
Bromomethane	78.5	5	ug/L	50.0		157	15-185	4	61	CH, IH
Chloroethane	78.8	5	ug/L	50.0		158	40-160	5	78	CH
Chloromethane	120	5	ug/L	50.0		240	1-205	3	60	CH, IH L
cis-1,2-Dichloroethylene	53.7	5	ug/L	50.0		107	63.1-136	4	23.5	
cis-1,3-Dichloropropylene	56.3	5	ug/L	50.0		113	25-175	3	58	
m,p-Xylenes	103	5	ug/L	100		103	27.4-146	3	24.5	
Naphthalene	36.9	5	ug/L	50.0		74	5.3-152	0.9	30	
o-Xylene	51.8	5	ug/L	50.0		104	64.9-129	4	24.5	
trans-1,2-Dichloroethylene	54.7	5	ug/L	50.0		109	70-130	4	45	
trans-1,3-Dichloropropylene	60.6	5	ug/L	50.0		121	50-150	3	86	
Trichlorofluoromethane	87.8	5	ug/L	50.0		176	50-150	2	84	CH L
Isopropylbenzene (Cumene)	52.8	5	ug/L	50.0		106	89.1-134	3	15.5	
Methacrylonitrile	47.1	5	ug/L	50.0		94	54.3-133	2	16.1	
Methyl Butyl Ketone (2-Hexanone)	39.6	5	ug/L	50.0		79	52.8-142	3	18.5	
Methyl Iodide [Iodomethane]	50.0	5	ug/L	50.0		100	61.4-149	4	15.7	
Methyl Isobutyl Ketone [MIBK]	43.9	5	ug/L	50.0		88	63.1-137	3	16.9	

DRAFT

Integrity Testing
8127 Mesa Dr #C-305
Austin TX, 78759

Additional Notes:

Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
Project Number: [none]

Reported:
10/22/25 18:40
Received:
10/09/25 08:00

Report No. 2510187

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	
Batch B542145 - EPA 5030B										
LCS Dup (B542145-BSD1)				Prepared: 10/11/25 11:26 Analyzed: 10/11/25 18:00						
Methyl Methacrylate	48.7	5	ug/L	50.0		97	65.4-135	3	16.6	
Propylbenzene	54.8	5	ug/L	50.0		110	81.3-135	3	17.4	
sec-Butylbenzene	54.7	5	ug/L	50.0		109	85.9-132	3	17.2	
Styrene	50.5	5	ug/L	50.0		101	89.9-132	4	14.6	
tert-Butylbenzene	53.7	5	ug/L	50.0		107	83.2-135	3	16.3	
trans-1,4-Dichloro-2-butene	58.5	5	ug/L	50.0		117	59.9-141	0.4	26	
Vinyl acetate	130	2	ug/L	50.0		260	25.6-169	6	18	CH L

DRAFT

Integrity Testing
8127 Mesa Dr #C-305
Austin TX, 78759

Additional Notes:

Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
Project Number: [none]

Reported:
10/22/25 18:40
Received:
10/09/25 08:00

Report No. 2510187

SAMPLE QUALIFIERS

Q	Additional Sample volumes were NOT provided to the laboratory for the analysis of an MS sample as required by EPA Method 1664.
P2	Samples received at pH<2
IH	ICV recovery is outside QC limits, the results may have a slight high bias.
D1	Dilution analysis was performed because internal standard recoveries were outside acceptable range, due to matrix interference.
CH2	Ending CCV recovery is outside QC limits, the results may have a slight high bias.
CH1	Beginning CCV recovery is outside QC limits, the results may have a slight high bias.
CH	CCV recovery is outside QC limits, the results may have a slight high bias.

DEFINITIONS

*	TNI / NELAC accredited analyte
PQL	Practical Quantitation Limit
MCL	Maximum Contaminant Level
mg/Kg	Milligrams per Kilogram (Parts per Million)
mg/L	Milligrams per Liter (Parts per Million)
PPM	Parts per Million
L	LCS recovery is outside QC acceptance limits, the results may have a slight bias.
M	MS recovery is outside QC limits, the results may have a slight bias due to possible matrix interferences.
NR	Not Recovered due to source sample concentration exceeds spiked concentration.
RMCCL	Recommended Maximum Concentration of Contaminants Level
Surr L	Surrogate recovery is low outside QC limits.
Surr H	Surrogate recovery is high outside QC limits.
HT	Sample received past holdtime
IC	Improper Container for this analyte(s)
IP	Improper preservation for this analyte(s)
IT	Improper Temperature
V	Inssuficient Volume
B	Sample collected in Bulk
S	RPD is outside QC limits.
AB	VOA Vial contained air bubbles.
OP	ortho-Phosphate was not filtered in the field within 15minutes of collection.
CCV	Continuing Calibration Verification Standard.
ICV	Initial Calibration Verification Standard.

Test Methods followed by the laboratory are referenced in the following approved methodology, unless otherwise specified.

Standard Methods for the Examination of Water and Wastewater, 23rd Edition, 2017
Methods for Chemical Analysis of Water and Wastes, EPA 600/4-79-020, Rev. March 1983
EPA SW Test Methods for the Examination of Solid Waste, SW-846, 1996

DRAFT

Integrity Testing
8127 Mesa Dr #C-305
Austin TX, 78759

Additional Notes:

Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
Project Number: [none]

Reported:
10/22/25 18:40
Received:
10/09/25 08:00

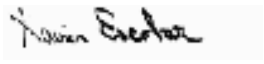
Report No. 2510187

Subcontracted Analyses

Subcontractor Lab	Lab Number	Analysis
Eurofins - Arkansas	2510187-01	TKN
Eurofins - Arkansas	2510187-01	TOC

Subcontractor Lab	Lab Number	Analysis
Eurofins - Houston	2510187-01	BisphenolA_SUB
Eurofins - Houston	2510187-01	Epichlorohydrin_SUB
Eurofins - Houston	2510187-01	Ethylene Glycol_SUB

DRAFT REPORT, DATA SUBJECT TO CHANGE For



Xavier Escobar, Business Unit Manager

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

DRAFT

CHAIN-OF-CUSTODY RECORD

SAN ANTONIO TESTING LABORATORY, LLC
1610 S. Laredo Street, San Antonio, Texas 78207
Phone (210) 229-9920
Fax (210) 229-9921
www.satestinglab.com

REPORT TO:
COMPANY: Integrity Testing
ADDRESS: 8127 Mesa Dr. #C-305
CITY / STATE / ZIP: Austin, TX 78759
ATTN: Chris Ewert 512-891-7777 PHONE #

INVOICE TO:
COMPANY: same
ADDRESS:
CITY / STATE / ZIP:
ATTN: PHONE #

P.O. #
REPORT NUMBER: 2510187
E-MAIL: cewert@austin.rr.com

REQUESTED TURNAROUND TIME IN BUSINESS DAYS & SURCHARGE: ☒ 7-10 Days REG ☐ 5 Days +25% ☐ 4 Days +50% ☐ 3 DAYS +75% ☐ 2 DAYS +100% ☐ Next Day +150% ☐ SAME DAY WHEN POSSIBLE +300%

PROJECT NAME/LOCATION/SITE: North Cameron WTP Permit Renewal

THE TURNAROUND TIME FOR SAMPLES RECEIVED AFTER 3:00 PM SHALL BEGIN AT 8:00 AM THE FOLLOWING BUSINESS DAY / SPECIAL REQ.:

DATA TO TCEQ ☐ RRC ☐ Other (Specify) ☑ — Field: pH:____; Temp:____ °C; LCS/D:____ / ____; Dup:____

PROJECT NO.

SAMPLE TEMPERATURE WITHIN COMPLIANCE (> 0°C ≤ 6°C) ☒ YES ☐ NO
PROPER CONTAINERS ☒ YES ☐ NO
INSUFFICIENT SAMPLE AMOUNT FOR (TCLP/SPLP/OTHER): IF NO, INITIAL HERE TO AUTHORIZE ANALYSIS ____ ☐ YES ☒ NO — AUTHORIZE TO PROCEED____

SAMPLED BY: Alex Rodriguez

OBSERVED TEMP.: 2.7C / CORRECTED TEMP.: 2.7C / TEMP. I.R. GUN #: 9 / SAMPLE ICED ☒ YES ☐ NO
TRRP 13 ☐ APPENDIX A ☐ LPST PCLS ☐ LOW LEVEL ☐ PST ☐ SIM ☐ TSDF Class 2 ☐ PERMIT ☐

ANALYSIS REQUESTED

Analysis columns: BTEX/MTBE 8260 / TPH TX1005/TX1006; Metals 8/11/12/13/TCLP/SPLP/Total; PAH/SVOC/8270/625/TCLP/SPLP/Total; VOC/8260/624/TCLP/SPLP/Total; Water Quality - Drinking/Livestock/Irrigation; Coli/TC/FC/HPC/ECoil/Enterococci/Q-Tray; Br/Cl/F/NO3/NO2/O-P/SO4; PCB/608/8082A; OC Pest/608/8081A/TCLP/SPLP/Total; SEE ATTACHED; OIL + GREASE; AVAILABLE CYANIDE

PRESERVED WITH: HCl; HNO3; H2SO4; NaOH; NaHSO4; MeOH; NONE; PRESERVED IN THE LAB; COMPOSITED IN THE LAB; FILTERED IN THE LAB; FILTERED IN THE FIELD

SAMPLE NUMBER	DATE	TIME	DRINKING WATER	NON-POTABLE WATER	COMPOSITE	GRAB	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	SAMPLE AMOUNT	SEE ATTACHED	OIL + GREASE	AVAILABLE CYANIDE	REMARKS
	10-8-25	1100		✓	✓		24-Hr Composite	29	*	X			Air bubble in 1 VOA pH 4-5
	10-8-25	1100		✓	✓		Grab Sample	2	**		X	X	

* 1x250mL NaOH Plastic
1x250mL HNO3 Plastic
1x500mL HCL Glass
4x1L Amber Glass
1x120mL H2SO4 Plastic
8x VOA HCL
6x VOA unp.
3x VOA pH 4-5
4x VOA amber unp.

** 1x1L H2SO4 Glass
1x250mL NaOH Plastic

RELINQUISHED BY (SIGNATURE): [signature] DATE / TIME: 10-8-25 1[illegible]
RECEIVED BY (SIGNATURE): [signature] DATE / TIME: 10-8-25 1125
RELINQUISHED BY (SIGNATURE): [signature] DATE / TIME: 10-8-25 2400
RECEIVED BY (SIGNATURE): [signature] DATE / TIME: 10-9-25
RELINQUISHED BY (PRINT NAME): DATE / TIME
RECEIVED BY (PRINT NAME): Jarrod Kohl DATE / TIME
RELINQUISHED BY (PRINT NAME): Jarrod Kohl DATE / TIME
RECEIVED BY (PRINT NAME): Hannah Tabayan 0800 DATE / TIME
RELINQUISHED BY (SIGNATURE): DATE / TIME
RECEIVED BY (SIGNATURE): DATE / TIME
METHOD OF SHIPMENT: Carrier
SUBCONTRACTED ☒ YES ☐ NO — Ethylene Glycol / Epichlorohydrin / Bisphenol A
RELINQUISHED BY (PRINT NAME): DATE / TIME
RECEIVED BY (PRINT NAME): DATE / TIME
BULK ☐ (Initial) 5035 ☐ N/A ☒
CUSTODY SEAL IN PLACE & INTACT ☒ YES ☐ NO

INDUSTRIAL WASTEWATER PERMIT APPLICATION
WORKSHEET 2.0: POLLUTANT ANALYSIS

Worksheet 2.0 **is required** for all applications submitted for a TPDES permit. Worksheet 2.0 is not required for applications for a permit to dispose of all wastewater by land disposal or for discharges solely of stormwater associated with industrial activities.

Item 1. General Testing Requirements (Instructions, Page 55)

a. Provide the date range of all sampling events conducted to obtain the analytical data submitted with this application (e.g., 05/01/2018-05/30/2018): Click to enter text.

b. ☐ Check the box to confirm all samples were collected no more than 12 months prior to the date of application submittal.

c. Read the general testing requirements in the instructions for important information about sampling, test methods, and MALs. If a contact laboratory was used, attach a list which includes the name, contact information, and pollutants analyzed for each laboratory/firm. **Attachment:** Click to enter text.

Item 2. Specific Testing Requirements (Instructions, Page 56)

Attach correspondence from TCEQ approving submittal of less than the required number of samples, if applicable. **Attachment:** Click to enter text.

TABLE 1 and TABLE 2 (Instructions, Page 58)

Completion of Tables 1 and 2 is required for all external outfalls for all TPDES permit applications.

Table 1 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	Sample 1 (mg/L)	Sample 2 (mg/L)	Sample 3 (mg/L)	Sample 4 (mg/L)
~~BOD (5-day)~~				
~~CBOD (5-day)~~				
~~Chemical oxygen demand~~				
* Total organic carbon				
~~Dissolved oxygen~~				
~~Ammonia nitrogen~~				
~~Total suspended solids~~				
~~Nitrate nitrogen~~				
* ~~Total organic nitrogen~~ TOTAL KJELDAHL NITROGEN				
~~Total phosphorus~~				
* Oil and grease GRAB SAMPLE				
~~Total residual chlorine~~				

Pollutant	Sample 1 (mg/L)	Sample 2 (mg/L)	Sample 3 (mg/L)	Sample 4 (mg/L)
~~Total dissolved solids~~				
~~Sulfate~~				
~~Chloride~~				
~~Fluoride~~				
~~Total alkalinity (mg/L as CaCO3)~~				
~~Temperature (°F)~~				
~~pH (standard units)~~				

Table 2 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	Sample 1 (µg/L)	Sample 2 (µg/L)	Sample 3 (µg/L)	Sample 4 (µg/L)	MAL (µg/L)
Aluminum, total					2.5
Antimony, total					5
Arsenic, total					0.5
Barium, total					3
Beryllium, total					0.5
Cadmium, total					1
Chromium, total					3
Chromium, hexavalent					3
Chromium, trivalent					N/A
Copper, total					2
Cyanide, available	GRAB SAMPLE				2/10
Lead, total					0.5
Mercury, total					0.005/0.0005
Nickel, total					2
Selenium, total					5
Silver, total					0.5
Thallium, total					0.5
Zinc, total					5.0

TABLE 3 (Instructions, Page 58)

Completion of Table 3 **is required** for all **external outfalls** which discharge process wastewater.

Partial completion of Table 3 **is required** for all **external outfalls** which discharge non-process wastewater and stormwater associated with industrial activities commingled with other wastestreams (see instructions for additional guidance).

Table 3 for Outfall No.: Click to enter text. **Samples are (check one): ☐ Composite ☐ Grab**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
Acrylonitrile					50
Anthracene					10
Benzene					10
Benzidine					50
Benzo(a)anthracene					5
Benzo(a)pyrene					5
Bis(2-chloroethyl)ether					10
Bis(2-ethylhexyl)phthalate					10
Bromodichloromethane [Dichlorobromomethane]					10
Bromoform					10
Carbon tetrachloride					2
Chlorobenzene					10
Chlorodibromomethane [Dibromochloromethane]					10
Chloroform					10
Chrysene					5
m-Cresol [3-Methylphenol]					10
o-Cresol [2-Methylphenol]					10
p-Cresol [4-Methylphenol]					10
1,2-Dibromoethane					10
m-Dichlorobenzene [1,3-Dichlorobenzene]					10
o-Dichlorobenzene [1,2-Dichlorobenzene]					10
p-Dichlorobenzene [1,4-Dichlorobenzene]					10
3,3'-Dichlorobenzidine					5
1,2-Dichloroethane					10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
1,1-Dichloroethene [1,1-Dichloroethylene]					10
Dichloromethane [Methylene chloride]					20
1,2-Dichloropropane					10
1,3-Dichloropropene [1,3-Dichloropropylene]					10
2,4-Dimethylphenol					10
Di-n-Butyl phthalate					10
Epichlorohydrin (1-Chloro-2,3-epoxypropane)					---
Ethylbenzene					10
Ethylene Glycol					---
Fluoride					500
Hexachlorobenzene					5
Hexachlorobutadiene					10
Hexachlorocyclopentadiene					10
Hexachloroethane					20
4,4'-Isopropylidenediphenol (bisphenol A)					1
Methyl ethyl ketone					50
Methyl tert-butyl ether (MTBE)					---
Nitrobenzene					10
N-Nitrosodiethylamine					20
N-Nitroso-di-n-butylamine					20
Nonylphenol					333
Pentachlorobenzene					20
Pentachlorophenol					5
Phenanthrene					10
Polychlorinated biphenyls (PCBs) (**)					0.2
Pyridine					20
1,2,4,5-Tetrachlorobenzene					20
1,1,2,2-Tetrachloroethane					10
Tetrachloroethene [Tetrachloroethylene]					10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
Toluene					10
1,1,1-Trichloroethane					10
1,1,2-Trichloroethane					10
Trichloroethene [Trichloroethylene]					10
2,4,5-Trichlorophenol					50
TTHM (Total trihalomethanes)					10
Vinyl chloride					10

(*) Indicate units if different from µg/L.

(**) Total of detects for PCB-1242, PCB-1254, PCB-1221, PCB-1232, PCB-1248, PCB-1260, and PCB-1016. If all non-detects, enter the highest non-detect preceded by a "<".

ENVIRONMENTAL EXPRESS

CUSTODY SEAL

Person Collecting Sample _____ (signature) Sample No. 2400

Date Collected 10-8-25 Time Collected _____

ENVIRONMENTAL EXPRESS

CUSTODY SEAL

Person Collecting Sample _____ (signature) Sample No. 2400

Date Collected 10-8-25 Time Collected _____

SAN ANTONIO TESTING LABORATORY

Sample Receipt Checklist

Client: Integrity Testing	**Project Manager: Marissa Esquivel**
Project: North Cameron WTP Permit Renewal	**Project Number: [none]**

Report To:
Chris Ewert

SATL Report Number: 2510187

Work Order Due by:	10/20/25 19:00 (7 day TAT)		
Received By:	Hannah Thigpen	Date Received:	10/09/25 08:00
Logged In By:	Hannah Thigpen	Date Logged In:	10/09/25 09:26

Sample(s) Received on ICE/evidence of Ice (cooler with melted ice,etc):	*Yes*
Sample temperature at receipt *:	*2.7°C*
Custody Seals Present:	*Yes*
All containers intact:	*Yes*
Sample labels/COC agree:	*Yes*
Samples Received within Holding time :	*Yes*
Samples appropriately preserved **:	*Yes*
Containers received broken/damaged/leaking:	*No*
Air bubbles present in VOA vials for VOC/TPH analyses, if applicable:	*Not Applicable*
TRRP 13 Reporting requested?	*No*
BacT Sample bottles filled to volume (100mL mark), if applicable:	*Not Applicable*
LCR Sample bottles filled to volume (1 Liter mark), if applicable:	*Not Applicable*
Subcontracting required for any analyses:	*Yes*
RUSH turnaround time requested:	*No*
Requested Turnaround Time:	*No*
Samples delivered via :	*Courier*
Air bill included if Samples were shipped:	*No*
Other deviations not meeting SATL sample acceptance criteria notated on CoC:	*None*

Notes:
** Samples delivered to the laboratory on the same day that they are collected may not meet thermal preservation criteria (>0°C but <6°C) but are acceptable, if they arrive on ice.*
*** If improperly preserved, notate client authorization on CoC to proceed with analysis.*

Checked By : *Hannah Thigpen* Date : *10/09/25 08:00*

SATL#FO001
Revised 09/15/2022

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Ms. Aimee Landon
Eurofins San Antonio Testing Lab
1610 S Laredo St
San Antonio, Texas 78207

Generated 10/13/2025 9:37:42 AM

JOB DESCRIPTION

2510187-01(24Hr Composite)

JOB NUMBER

192-25245-1

Eurofins Arkansas
8600 Kanis Rd
Little Rock AR 72204

See page two for job notes and contact information.

Eurofins Arkansas

Job Notes

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

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

Authorization

Generated
10/13/2025 9:37:42 AM

Authorized for release by
Steve Bradford, Lab Director
steve.bradford@et.eurofinsus.com
(501)224-5060

Table of Contents

Definitions/Glossary

Client: Eurofins San Antonio Testing Lab
Project/Site: 2510187-01(24Hr Composite)

Job ID: 192-25245-1

Qualifiers

General Chemistry

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
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 Narrative
192-25245-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The sample was received on 10/10/2025 8:30 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 0.1°C.

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

Client Sample Results

Client: Eurofins San Antonio Testing Lab
Project/Site: 2510187-01(24Hr Composite)

Job ID: 192-25245-1

Client Sample ID: 2510187-01(24Hr Composite)
Date Collected: 10/08/25 11:00
Date Received: 10/10/25 08:30

Lab Sample ID: 192-25245-1
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SM 5310 C-2014)	0.872	J	1.00	0.630	mg/L			10/10/25 21:48	1

QC Sample Results

Client: Eurofins San Antonio Testing Lab
Project/Site: 2510187-01(24Hr Composite)

Job ID: 192-25245-1

Method: 5310 C-2014 - Total Organic Carbon/Persulfate - Ultrav

Lab Sample ID: MB 192-40455/5
Matrix: Water
Analysis Batch: 40455

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	<0.630	U	1.00	0.630	mg/L			10/10/25 18:45	1

Lab Sample ID: LCS 192-40455/6
Matrix: Water
Analysis Batch: 40455

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Organic Carbon			10.0	10.21		mg/L		102	80 - 120		

Lab Sample ID: 192-25231-A-1 MS
Matrix: Water
Analysis Batch: 40455

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Organic Carbon	3.38		10.0	13.75		mg/L		104	80 - 120		

Lab Sample ID: 192-25231-A-1 MSD
Matrix: Water
Analysis Batch: 40455

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Organic Carbon	3.38		10.0	13.62		mg/L		102	80 - 120	1	25

QC Association Summary

Client: Eurofins San Antonio Testing Lab
Project/Site: 2510187-01(24Hr Composite)

Job ID: 192-25245-1

General Chemistry

Analysis Batch: 40455

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
192-25245-1	2510187-01(24Hr Composite)	Total/NA	Water	5310 C-2014	
MB 192-40455/5	Method Blank	Total/NA	Water	5310 C-2014	
LCS 192-40455/6	Lab Control Sample	Total/NA	Water	5310 C-2014	
192-25231-A-1 MS	Matrix Spike	Total/NA	Water	5310 C-2014	
192-25231-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	5310 C-2014	

Lab Chronicle

Client: Eurofins San Antonio Testing Lab
Project/Site: 2510187-01(24Hr Composite)

Job ID: 192-25245-1

Client Sample ID: 2510187-01(24Hr Composite)

Date Collected: 10/08/25 11:00
Date Received: 10/10/25 08:30

Lab Sample ID: 192-25245-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	5310 C-2014		1	40455	FOR	EET ARK	10/10/25 21:48

Laboratory References:

EET ARK = Eurofins Arkansas, 8600 Kanis Rd, Little Rock, AR 72204, TEL (501)224-5060

Accreditation/Certification Summary

Client: Eurofins San Antonio Testing Lab
Job ID: 192-25245-1
Project/Site: 2510187-01(24Hr Composite)

Laboratory: Eurofins Arkansas

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

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	60-00889	03-02-26

Method Summary

Client: Eurofins San Antonio Testing Lab
Project/Site: 2510187-01(24Hr Composite)

Job ID: 192-25245-1

Method	Method Description	Protocol	Laboratory
5310 C-2014	Total Organic Carbon/Persulfate - Ultrav	SM	EET ARK

Protocol References:

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

Laboratory References:

EET ARK = Eurofins Arkansas, 8600 Kanis Rd, Little Rock, AR 72204, TEL (501)224-5060

Sample Summary

Client: Eurofins San Antonio Testing Lab
Project/Site: 2510187-01(24Hr Composite)

Job ID: 192-25245-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
192-25245-1	2510187-01(24Hr Composite)	Water	10/08/25 11:00	S0/S0/Ag108:30	Arkansas

CHAIN OF CUSTODY RECORD

192-25245 COC

SAN ANTONIO TESTING LABORATORY, LLC

SATL

1610 S. Laredo Street, San Antonio, Texas 78207
Phone (210) 229-9920
Fax (210) 229-9921
www.satestinglab.com

REPORT TO:	INVOICE TO:	P.O. #
COMPANY: Eurofins San Antonio Testing Lab	COMPANY	REPORT NUMBER
ADDRESS: 1610 S. Laredo St.	ADDRESS	
CITY: San Antonio STATE: TX	STATE ZIP	E-MAIL: Aimee.Landon@et.eurofinsus.com
ATTN: Aimee Landon PHONE #: 210-229-9920	ATTN: Elizabeth Lopez PHONE #: 210-229-9920	

REQUESTED TURNAROUND TIME IN BUSINESS DAYS & SURCHARGE: ☐ 7-10 Days REG ☐ 5 Days +25% ☐ 4 Days +50% ☐ 3 DAYS +75% ☐ 2 DAYS +100% ☐ Next Day +150% ☐ SAME DAY WHEN POSSIBLE +300%

PROJECT NAME/LOCATION/SITE

THE TURNAROUND TIME FOR SAMPLES RECEIVED AFTER 3:00 PM SHALL BEGIN AT 8:00 AM THE FOLLOWING BUSINESS DAY / SPECIAL REQ.: *Need by 102025*

DATA TO TCEQ ☐ RRC ☐ Other (Specify) ☐ Field: pH:______; Temp:______ °C; LCS/D:______/______; Dup:______

PROJECT NO.

SAMPLE TEMPERATURE WITHIN COMPLIANCE (> 0°C ≤ 6°C) ☐ YES ☐ NO
PROPER CONTAINERS ☐ YES ☐ NO
INSUFFICIENT SAMPLE AMOUNT FOR (TCLP/SPLP/OTHER): IF NO, INITIAL HERE TO AUTHORIZE ANALYSIS ______ ☐ YES ☐ NO AUTHORIZE TO PROCEED____

SAMPLED BY

OBSERVED TEMP / CORRECTED TEMP. / TEMP. I.R. GUN #____ / SAMPLE ICED ☐ YES ☐ NO
TRRP 13 ☐ APPENDIX A ☐ LPST PCLS ☐ LOW LEVEL ☐ PST ☐ SIM ☐ TSDF Class 2 ☐ PERMIT ☐

ANALYSIS REQUESTED

Column headers: SAMPLE NUMBER; COLLECTED (DATE, TIME); DRINKING WATER; NON-POTABLE WATER; PAINT CHIPS; OIL; ORGANIC LIQUID; SOLID/SLUDGE; WIPE; OTHER; COMPOSITE; GRAB; CORE; OTHER; SAMPLE IDENTIFICATION; NUMBER OF CONTAINERS; SAMPLE AMOUNT; CONTAINER SIZE; BTEX/MTBE 8260 / TPH TX1005/TX1006; Metals 8 / 11 / 12 / 13 / TCLP / SPLP / Total; PAH / SVOC / 8270 / 625 / TCLP / SPLP / Total; VOC / 8260 / 624 / TCLP / SPLP / Total; Water Quality - Drinking / Livestock / Irrigation; Coli / TC / FC / HPC / EColi / Enterococci / Q-Tray; Br / Cl / F / NO3 / NO2/O-P / SO4; PCB / 608 / 8082A; OC Pest / 608 / 8081A / TCLP / SPLP / Total; TOC; PRESERVED WITH: HCl, HNO3, H2SO4, NaOH, ZnAc, NONE; PRESERVED IN THE LAB; COMPOSITED IN THE LAB; FILTERED IN THE LAB; FILTERED IN THE FIELD; REMARKS

SAMPLE NUMBER	DATE	TIME	NON-POTABLE WATER	COMPOSITE	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	CONTAINER SIZE	TOC	PRESERVED WITH: NONE	REMARKS
1	10-8-25	1100	X	X	2510187-01 (24hr composite)	1	125 ml	X	X	

RELINQUISHED BY (SIGNATURE)	DATE / TIME	RECEIVED BY (SIGNATURE)	DATE / TIME	RELINQUISHED BY (SIGNATURE)	DATE / TIME	RECEIVED BY (SIGNATURE)	DATE / TIME
[signature]	10-9-25	[signature]	10/10/25				
RELINQUISHED BY (PRINT NAME): A. Leyhucke	1623	RECEIVED BY (PRINT NAME): Ron Stephens	830	RELINQUISHED BY (PRINT NAME)		RECEIVED BY (PRINT NAME)	
RELINQUISHED BY (SIGNATURE)	DATE / TIME	RECEIVED BY (SIGNATURE)	DATE / TIME	METHOD OF SHIPMENT		SUBCONTRACTED ☐ YES ☐ NO	
RELINQUISHED BY (PRINT NAME)	DATE / TIME	RECEIVED BY (PRINT NAME)	DATE / TIME	BULK ☐ (Initial) 5035 ☐ N/A ☐		CUSTODY SEAL IN PLACE & INTACT ☐ YES ☐ NO	

FORM: COC REV 04/2022 0.1 WHITE - LAB CANARY - CLIENT

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

Login Sample Receipt Checklist

Client: Eurofins San Antonio Testing Lab

Job Number: 192-25245-1

Login Number: 25245
List Number: 1
Creator: Stephens, Ren

List Source: Eurofins Arkansas

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Aimee Landon
San Antonio Testing Laboratory Inc
1610 S Laredo Street
San Antonio, Texas 78207

Generated 10/20/2025 5:57:50 PM

JOB DESCRIPTION

2510187

JOB NUMBER

860-113830-1

Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477

See page two for job notes and contact information.

Eurofins Houston

Job Notes

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

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

Authorization

Generated
10/20/2025 5:57:50 PM

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

Table of Contents

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.

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: 860-113830-1 — Eurofins Houston

Job Narrative
860-113830-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The sample was received on 10/10/2025 9:19 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.1°C.

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

GC/MS Semi VOA
Method 8270E_QQQ: The surrogate recovery for the laboratory control sample duplicate associated with preparation batch 860-268479 and analytical batch 860-268832 was outside the upper control limits.

Method 8270E_QQQ: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: 2510187-01 (24 hr composite) (860-113830-1). These results have been reported and qualified.

Method 8270E_QQQ: The following sample was diluted due to the nature of the sample matrix: 2510187-01 (24 hr composite) (860-113830-1). Elevated reporting limits (RLs) are provided.

Method 8270E_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

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

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

Detection Summary

Client: San Antonio Testing Laboratory Inc
Project/Site: 2510187

Job ID: 860-113830-1

Client Sample ID: 2510187-01 (24 hr composite) **Lab Sample ID: 860-113830-1**

No Detections.

This Detection Summary does not include radiochemical test results.

Client: San Antonio Testing Laboratory Inc
Project/Site: 2510187

Job ID: 860-113830-1

Client Sample ID: 2510187-01 (24 hr composite)
Date Collected: 10/08/25 11:00
Date Received: 10/10/25 09:19

Lab Sample ID: 860-113830-1
Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Epichlorohydrin	ND		0.050	0.0075	mg/a			10/14/25 17:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*63 - 144*		*10/14/25 17:12*	*1*
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*		*10/14/25 17:12*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 131*		*10/14/25 17:12*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*10/14/25 17:12*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bisphenol-A	ND		14	8.3	ug/L		10/14/25 15:40	10/19/25 12:16	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*148*	*S1+*	*35 - 130*	*10/14/25 15:40*	*10/19/25 12:16*	*10*
2-Fluorophenol (Surr)	*60*		*19 - 120*	*10/14/25 15:40*	*10/19/25 12:16*	*10*
2-Fluorobiphenyl	*106*		*43 - 130*	*10/14/25 15:40*	*10/19/25 12:16*	*10*
Nitrobenzene-d5 (Surr)	*93*		*37 - 133*	*10/14/25 15:40*	*10/19/25 12:16*	*10*
Phenol-d5 (Surr)	*38*		*8 - 124*	*10/14/25 15:40*	*10/19/25 12:16*	*10*
p-Terphenyl-d14 (Surr)	*107*		*47 - 130*	*10/14/25 15:40*	*10/19/25 12:16*	*10*

Method: SW846 8015D - Glycols- Direct Injection (GC/FID)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene glycol	ND		5.0	1.2	mg/L			10/13/25 13:02	1

Surrogate Summary

Client: San Antonio Testing Laboratory Inc
Project/Site: 2510187

Job ID: 860-113830-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(63-144)	(74-124)	(75-131)	(80-120)
860-113830-1	2510187-01 (24 hr composite)	95	99	98	102
LCS 860-268335/3	Lab Control Sample	89	96	95	99
LCSD 860-268335/4	Lab Control Sample Dup	89	97	95	100
MB 860-268335/10	Method Blank	92	98	96	101

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	2FP	FBP	NBZ	PHL	TPHd14
Lab Sample ID	Client Sample ID	(35-130)	(19-120)	(43-130)	(37-133)	(8-124)	(47-130)
860-113830-1	2510187-01 (24 hr composite)	148 S1+	60	106	93	38	107
LCS 860-268479/2-A	Lab Control Sample	104	41	119	126	30	124
LCSD 860-268479/3-A	Lab Control Sample Dup	106	44	128	145 S1+	31	137 S1+
MB 860-268479/1-A	Method Blank	94	93	93	92	96	93
MB 860-268479/1-A	Method Blank	101	99	100	95	92	115

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
2FP = 2-Fluorophenol (Surr)
FBP = 2-Fluorobiphenyl
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-268335/10
Matrix: Water
Analysis Batch: 268335

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Epichlorohydrin	ND		0.050	0.0075	mg/L			10/14/25 14:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*63 - 144*		*10/14/25 14:48*	*1*
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*		*10/14/25 14:48*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 131*		*10/14/25 14:48*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*10/14/25 14:48*	*1*

Lab Sample ID: LCS 860-268335/3
Matrix: Water
Analysis Batch: 268335

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

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*89*		*63 - 144*
4-Bromofluorobenzene (Surr)	*96*		*74 - 124*
Dibromofluoromethane (Surr)	*95*		*75 - 131*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: LCSD 860-268335/4
Matrix: Water
Analysis Batch: 268335

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

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*89*		*63 - 144*
4-Bromofluorobenzene (Surr)	*97*		*74 - 124*
Dibromofluoromethane (Surr)	*95*		*75 - 131*
Toluene-d8 (Surr)	*100*		*80 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Lab Sample ID: MB 860-268479/1-A
Matrix: Water
Analysis Batch: 268832

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 268479

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bisphenol-A	ND		1.1	0.70	ug/L		10/14/25 15:40	10/16/25 08:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*94*		*35 - 130*	*10/14/25 15:40*	*10/16/25 08:55*	*1*
2-Fluorophenol (Surr)	*93*		*19 - 120*	*10/14/25 15:40*	*10/16/25 08:55*	*1*
2-Fluorobiphenyl	*93*		*43 - 130*	*10/14/25 15:40*	*10/16/25 08:55*	*1*
Nitrobenzene-d5 (Surr)	*92*		*37 - 133*	*10/14/25 15:40*	*10/16/25 08:55*	*1*
Phenol-d5 (Surr)	*96*		*8 - 124*	*10/14/25 15:40*	*10/16/25 08:55*	*1*
p-Terphenyl-d14 (Surr)	*93*		*47 - 130*	*10/14/25 15:40*	*10/16/25 08:55*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-268479/1-A
Matrix: Water
Analysis Batch: 269104

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 268479

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bisphenol-A	ND		1.1	0.70	ug/L		10/14/25 15:40	10/16/25 20:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*101*		*35 - 130*	*10/14/25 15:40*	*10/16/25 20:11*	*1*
2-Fluorophenol (Surr)	*99*		*19 - 120*	*10/14/25 15:40*	*10/16/25 20:11*	*1*
2-Fluorobiphenyl	*100*		*43 - 130*	*10/14/25 15:40*	*10/16/25 20:11*	*1*
Nitrobenzene-d5 (Surr)	*95*		*37 - 133*	*10/14/25 15:40*	*10/16/25 20:11*	*1*
Phenol-d5 (Surr)	*92*		*8 - 124*	*10/14/25 15:40*	*10/16/25 20:11*	*1*
p-Terphenyl-d14 (Surr)	*115*		*47 - 130*	*10/14/25 15:40*	*10/16/25 20:11*	*1*

Lab Sample ID: LCS 860-268479/2-A
Matrix: Water
Analysis Batch: 268832

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 268479

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Bisphenol-A			5.71	5.96		ug/L		104	40 - 145		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*104*		*35 - 130*
2-Fluorophenol (Surr)	*41*		*19 - 120*
2-Fluorobiphenyl	*119*		*43 - 130*
Nitrobenzene-d5 (Surr)	*126*		*37 - 133*
Phenol-d5 (Surr)	*30*		*8 - 124*
p-Terphenyl-d14 (Surr)	*124*		*47 - 130*

Lab Sample ID: LCSD 860-268479/3-A
Matrix: Water
Analysis Batch: 268832

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 268479

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bisphenol-A			5.71	7.07		ug/L		124	40 - 145	17	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*106*		*35 - 130*
2-Fluorophenol (Surr)	*44*		*19 - 120*
2-Fluorobiphenyl	*128*		*43 - 130*
Nitrobenzene-d5 (Surr)	*145*	*S1+*	*37 - 133*
Phenol-d5 (Surr)	*31*		*8 - 124*
p-Terphenyl-d14 (Surr)	*137*	*S1+*	*47 - 130*

Method: 8015D - Glycols- Direct Injection (GC/FID)

Lab Sample ID: MB 860-268136/8
Matrix: Water
Analysis Batch: 268136

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene glycol	ND		5.0	1.2	mg/L			10/13/25 12:13	1

Method: 8015D - Glycols- Direct Injection (GC/FID)

Lab Sample ID: LCS 860-268136/4
Matrix: Water
Analysis Batch: 268136

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylene glycol	50.2	47.8		mg/L		95	70 - 139

Lab Sample ID: LCSD 860-268136/5
Matrix: Water
Analysis Batch: 268136

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethylene glycol	50.2	48.1		mg/L		96	70 - 139	1	30

QC Association Summary

Client: San Antonio Testing Laboratory Inc
Project/Site: 2510187

Job ID: 860-113830-1

GC/MS VOA

Analysis Batch: 268335

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113830-1	2510187-01 (24 hr composite)	Total/NA	Water	8260C	
MB 860-268335/10	Method Blank	Total/NA	Water	8260C	
LCS 860-268335/3	Lab Control Sample	Total/NA	Water	8260C	
LCSD 860-268335/4	Lab Control Sample Dup	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 268479

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113830-1	2510187-01 (24 hr composite)	Total/NA	Water	3511	
MB 860-268479/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-268479/2-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-268479/3-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 268832

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-268479/1-A	Method Blank	Total/NA	Water	8270E	268479
LCS 860-268479/2-A	Lab Control Sample	Total/NA	Water	8270E	268479
LCSD 860-268479/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	268479

Analysis Batch: 269104

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-268479/1-A	Method Blank	Total/NA	Water	8270E	268479

Analysis Batch: 269490

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113830-1	2510187-01 (24 hr composite)	Total/NA	Water	8270E	268479

GC Semi VOA

Analysis Batch: 268136

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113830-1	2510187-01 (24 hr composite)	Total/NA	Water	8015D	
MB 860-268136/8	Method Blank	Total/NA	Water	8015D	
LCS 860-268136/4	Lab Control Sample	Total/NA	Water	8015D	
LCSD 860-268136/5	Lab Control Sample Dup	Total/NA	Water	8015D	

Lab Chronicle

Client: San Antonio Testing Laboratory Inc
Project/Site: 2510187

Job ID: 860-113830-1

Client Sample ID: 2510187-01 (24 hr composite)

Date Collected: 10/08/25 11:00
Date Received: 10/10/25 09:19

Lab Sample ID: 860-113830-1

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	8260C		1	5 mL	5 mL	268335	10/14/25 17:12	NA	EET HOU
Total/NA	Prep	3511			58.9 mL	4 mL	268479	10/14/25 15:40	TH	EET HOU
Total/NA	Analysis	8270E		10	1 mL	1 mL	269490	10/19/25 12:16	SC	EET HOU
Total/NA	Analysis	8015D		1	1 mL	1 mL	268136	10/13/25 13:02	JBS	EET HOU

Laboratory References:

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

Accreditation/Certification Summary

Client: San Antonio Testing Laboratory Inc
Project/Site: 2510187

Job ID: 860-113830-1

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	06-30-26

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
8270E	3511	Water	Bisphenol-A

Method Summary

Client: San Antonio Testing Laboratory Inc
Project/Site: 2510187

Job ID: 860-113830-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET HOU
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET HOU
8015D	Glycols- Direct Injection (GC/FID)	SW846	EET HOU
3511	Microextraction of Organic Compounds	SW846	EET HOU
5030C	Purge and Trap	SW846	EET HOU

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: San Antonio Testing Laboratory Inc
Project/Site: 2510187

Job ID: 860-113830-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
860-113830-1	2510187-01 (24 hr composite)	Water	10/08/25 11:00	10/10/25 09:19	Texas

CHAIN-OF-CUSTODY RECORD

SAN ANTONIO TESTING LABORATORY, LLC

1610 S. Laredo Street, San Antonio, Texas 78207
Phone (210) 229-9920
Fax (210) 229-9921
www.satestinglab.com

REPORT TO	INVOICE TO	P.O. #
COMPANY: Eurofins San Antonio Testing Lab	COMPANY: Same	REPORT NUMBER
ADDRESS: 1610 S. Laredo St.	ADDRESS	
CITY: San Antonio STATE: TX ZIP: 78207	CITY STATE ZIP	E-MAIL: Aimee.Landon@et.eurofins
ATTN: Aimee Landon PHONE #: 10-229-9920	ATTN: Elizabeth Lopez PHONE #: 210-229-9920	us com

REQUESTED TURNAROUND TIME IN BUSINESS DAYS & SURCHARGE: ☐ 7-10 Days REG ☐ 5 Days +25% ☐ 4 Days +50% ☐ 3 DAYS +75% ☐ 2 DAYS +100% ☐ Next Day +150% ☐ SAME DAY WHEN POSSIBLE +300%

PROJECT NAME/LOCATION/SITE

THE TURNAROUND TIME FOR SAMPLES RECEIVED AFTER 3:00 PM SHALL BEGIN AT 8:00 AM THE FOLLOWING BUSINESS DAY / SPECIAL REQ. * Need by 10-20-25 *

DATA TO TCEQ ☐ RRC ☐ Other (Specify) ☐ Field pH:_____ Temp:_____ °C; LCS/D:_____|_____ Dup:_____

PROJECT NO.

SAMPLE TEMPERATURE WITHIN COMPLIANCE (> 0°C ≤ 6°C) ☐ YES ☐ NO
PROPER CONTAINERS ☐ YES ☐ NO
INSUFFICIENT SAMPLE AMOUNT FOR (TCLP/SPLP/OTHER): IF NO, INITIAL HERE TO AUTHORIZE ANALYSIS _____ ☐ YES ☐ NO AUTHORIZE TO PROCEED_____

SAMPLED BY

OBSERVED TEMP / CORRECTED TEMP. / TEMP GUN #_____ / SAMPLE ICED ☐ YES ☐ NO

TRRP 13 ☐ APPENDIX A ☐ LPST PCLS ☐ LOW LEVEL ☐ PST ☐ SIM ☐ TSDF Class 2 ☐ PERMIT ☐

SAMPLE NUMBER	COLLECTED: DATE	COLLECTED: TIME	MATRIX: DRINKING WATER	MATRIX: NON POTABLE WATER	MATRIX: PAINT CHIPS	MATRIX: OIL	MATRIX: ORGANIC LIQUID	MATRIX: SOLID/SLUDGE	MATRIX: WIPE	MATRIX: OTHER	COMPOSITE	GRAB	CORE	OTHER	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	SAMPLE AMOUNT	CONTAINER SIZE	ANALYSIS REQUESTED	PRESERVED WITH	REMARKS
1	10-8-25	1100		X							X				2510187-01 (24hr composite)				X Epichlorohydrin X Diisopropanolamine X Ethylene Glycol		

860-113830 Chain of Custody

2-3/21
Flow 368

RELINQUISHED BY (SIGNATURE) / DATE / TIME	RECEIVED BY (SIGNATURE) / DATE / TIME	RELINQUISHED BY (SIGNATURE) / DATE / TIME	RECEIVED BY (SIGNATURE) / DATE / TIME
10-9-25			
RELINQUISHED BY (PRINT NAME) / DATE / TIME: Arieve Zertuche 1623	RECEIVED BY (PRINT NAME) / DATE / TIME	RELINQUISHED BY (PRINT NAME) / DATE / TIME	RECEIVED BY (PRINT NAME) / DATE / TIME
RELINQUISHED BY (SIGNATURE) / DATE / TIME	RECEIVED BY (SIGNATURE) / DATE / TIME: Necomar 10 10 25 0:19	METHOD OF SHIPMENT	SUBCONTRACTED ☐ YES ☐ NO
RELINQUISHED BY (PRINT NAME) / DATE / TIME	RECEIVED BY (PRINT NAME) / DATE / TIME	BULK ☐ (Initial) 5035 ☐ N/A ☐	CUSTODY SEAL IN PLACE & INTACT ☐ YES ☐ NO

Login Sample Receipt Checklist

Client: San Antonio Testing Laboratory Inc

Job Number: 860-113830-1

Login Number: 113830

List Source: Eurofins Houston

List Number: 1

Creator: Jimenez, Nicanor

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	

INTEGRITY testing

8127 Mesa Dr. #C-305 * Austin, TX. 78759
(512) 891-7777 * www.integritytestingaustin.com

Eric Haydon
East Rio Hondo WSC
29528 FM 510
San Benito, Texas 78586

Report Date: 10/22/2025
Report #: I252752
Project ID: North Cameron WTP Permit Renewal

Dear Eric Haydon,

Integrity Testing received a sample from the above referenced project on 10/16/2025 for the analyses presented in the following report.

The analytical data relates directly to the samples received by Integrity Testing and for only the analytes requested. Samples were intact and properly preserved unless otherwise noted in the Case Narrative. Results are reported as received unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. This laboratory report may only be reproduced in full.

If you need any assistance with this report, please let me know.

Sincerely,

Chris Ewert
Laboratory Manager

NELAP ACCREDITED TNI LABORATORY

TCEQ Laboratory ID: T104704525

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(512) 891-7777 * www.integritytestingaustin.com

Eric Haydon
East Rio Hondo WSC
29528 FM 510
San Benito, Texas 78586

Report Date: 10/22/2025
Report #: I252752
Project ID: North Cameron WTP Permit Renewal

CASE NARRATIVE

QC23032: The Anions by Ion Chromatography MS/MSD was prepared on an unrelated sample.
QC23041: The Chemical Oxygen Demand MS/MSD was prepared on an unrelated sample.
QC23055: No comments necessary.
QC23058: The Total Phosphorus as P MS/MSD was prepared on an unrelated sample.
QC23070: The Total Suspended Solids duplicate was prepared on an unrelated sample.
QC23083: The Total Dissolved Solids duplicate was prepared on an unrelated sample.
QC23085: The BOD5 duplicate was prepared on an unrelated sample.
QC23087: The CBOD5 duplicate was prepared on an unrelated sample.

INTEGRITY testing

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Eric Haydon
East Rio Hondo WSC
29528 FM 510
San Benito, Texas 78586

Report Date: 10/22/2025
Report #: I252752
Project ID: North Cameron WTP Permit Renewal

SAMPLE SUMMARY

Lab Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
I252752-1	24-Hr Composite Sample	Water	10/15/2025 09:30	10/16/2025

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Eric Haydon
East Rio Hondo WSC
29528 FM 510
San Benito, Texas 78586

Report Date: 10/22/2025
Report #: I252752
Project ID: North Cameron WTP Permit Renewal

ANALYTICAL DATA REPORT

Client Sample ID: 24-Hr Composite Sample
Date Collected: 10/15/2025
Date Received: 10/16/2025

Lab Sample ID: I252752-1
Matrix: Water

Total Dissolved Solids

Method: SM2540C **Prep Method:** SM2540C **QC Batch ID:** QC23083

CAS#	Analyte	Result	SDL	MQL	Units	Q	DF	Prep Date	Date Analyzed	Analyst
	Total Dissolved Solids(TDS)	12200	100	100	mg/L		10		10/20/2025	JF

Total Suspended Solids

Method: SM2540D **Prep Method:** SM2540D **QC Batch ID:** QC23070

CAS#	Analyte	Result	SDL	MQL	Units	Q	DF	Prep Date	Date Analyzed	Analyst
	TSS	12.6	2.00	2.00	mg/L		1		10/20/2025	JF

CBOD5

Method: SM 5210B **Prep Method:** SM 5210B **QC Batch ID:** QC23087

CAS#	Analyte	Result	SDL	MQL	Units	Q	DF	Prep Date	Date Analyzed	Analyst
	CBOD5	<2.00	2.00	2.00	mg/L		1		10/16/2025 11:32	JF

BOD5

Method: SM 5210B **Prep Method:** SM 5210B **QC Batch ID:** QC23085

CAS#	Analyte	Result	SDL	MQL	Units	Q	DF	Prep Date	Date Analyzed	Analyst
	BOD5	<2.00	2.00	2.00	mg/L		1		10/16/2025 11:18	JF

Chemical Oxygen Demand

Method: H8000 **Prep Method:** H8000 **QC Batch ID:** QC23041

CAS#	Analyte	Result	SDL	MQL	Units	Q	DF	Prep Date	Date Analyzed	Analyst
	Chemical Oxygen Demand	50.0	3.00	15.0	mg/L		1		10/17/2025	CE

Anions by Ion Chromatography

Method: EPA 300.0 **Prep Method:** EPA 300.0 **QC Batch ID:** QC23032

CAS#	Analyte	Result	SDL	MQL	Units	Q	DF	Prep Date	Date Analyzed	Analyst
16887-00-6	Chloride	3970	0.100	0.200	mg/L	D	200		10/16/2025 12:26	WO
16984-48-8	Fluoride	2.55	0.0200	0.0400	mg/L		1		10/16/2025 11:55	WO
	Nitrate-N	<0.100	0.100	0.200	mg/L		1		10/16/2025 11:55	WO
14808-79-8	Sulfate	3340	0.100	0.200	mg/L	D	200		10/16/2025 12:26	WO

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Eric Haydon
East Rio Hondo WSC
29528 FM 510
San Benito, Texas 78586

Report Date: 10/22/2025
Report #: I252752
Project ID: North Cameron WTP Permit Renewal

ANALYTICAL DATA REPORT

Client Sample ID: 24-Hr Composite Sample
Date Collected: 10/15/2025
Date Received: 10/16/2025

Lab Sample ID: I252752-1
Matrix: Water

Total Phosphorus as P **Method:** SM4500-P E **Prep Method:** SM4500-P E **QC Batch ID:** QC23058

CAS#	Analyte	Result	SDL	MQL	Units	Q	DF	Prep Date	Date Analyzed	Analyst
	Total Phosphorus	0.603	0.0200	0.0500	mg/L		1		10/20/2025	CE

Dissolved Oxygen **Method:** SM 4500 O-G **Prep Method:** SM 4500 O-G **QC Batch ID:** QC23055

CAS#	Analyte	Result	SDL	MQL	Units	Q	DF	Prep Date	Date Analyzed	Analyst
	Dissolved Oxygen	8.41	2.00	2.00	mg/L	H	1		10/16/2025 12:00	JF

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Eric Haydon
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29528 FM 510
San Benito, Texas 78586

Report Date: 10/22/2025
Report #: I252752
Project ID: North Cameron WTP Permit Renewal

QC REPORT

QC Batch ID: QC23085 **Matrix:** Water

QC Results

Analyte	Blank	Sample	DUP	RPD	Limit	LCS%	Limits
BOD5	<2	167	170	1.8	20	106	85-115

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San Benito, Texas 78586

Report Date: 10/22/2025
Report #: I252752
Project ID: North Cameron WTP Permit Renewal

QC REPORT

QC Batch ID: QC23087 **Matrix:** Water

QC Results

Analyte	Blank	Sample	DUP	RPD	Limit	LCS%	Limits
CBOD5	<2	194	196	1	20	82	74-109

INTEGRITY testing

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Report Date: 10/22/2025
Report #: I252752
Project ID: North Cameron WTP Permit Renewal

QC REPORT

QC Batch ID: QC23041 **Matrix:** Water

QC Results

Analyte	Blank	MS%	MSD%	Limits	RPD	Limit	LCS%	LCSD%	Limits	RPD	Limit
Chemical Oxygen Demand	<3	86	86	80-120	0	20	91	93	80-120	2.2	20

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Report Date: 10/22/2025
Report #: I252752
Project ID: North Cameron WTP Permit Renewal

QC REPORT

QC Batch ID: QC23055 **Matrix:** Water

QC Results

Analyte	Sample	DUP	RPD	Limit
Dissolved Oxygen	8.41	8.31	1.2	20

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Report Date: 10/22/2025
Report #: I252752
Project ID: North Cameron WTP Permit Renewal

QC REPORT

QC Batch ID: QC23070 **Matrix:** Water

QC Results

Analyte	Blank	Sample	DUP	RPD	Limit	LCS%	Limits
TSS	<2	144	140	2.8	20	94	80-120

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Report Date: 10/22/2025
Report #: I252752
Project ID: North Cameron WTP Permit Renewal

QC REPORT

QC Batch ID: QC23032 **Matrix:** Water

QC Results

Analyte	Blank	MS%	MSD%	Limits	RPD	Limit	LCS%	LCSD%	Limits	RPD	Limit
Chloride	<0.1	104	99	90-110	4.9	20	98	98	90-110	0	20
Fluoride	<0.02	101	99	90-110	2	20	97	97	90-110	0	20
Nitrate-N	<0.1	99	98	90-110	1	20	98	98	90-110	0	20
Sulfate	<0.1	102	101	90-110	0.99	20	97	97	90-110	0	20

INTEGRITY testing

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Report Date: 10/22/2025
Report #: I252752
Project ID: North Cameron WTP Permit Renewal

QC REPORT

QC Batch ID: QC23058 **Matrix:** Water

QC Results

Analyte	Blank	MS%	MSD%	Limits	RPD	Limit	LCS%	LCSD%	Limits	RPD	Limit
Total Phosphorus	<0.02	104	100	80-120	3.9	20	90	90	85-115	0	20

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Report Date: 10/22/2025
Report #: I252752
Project ID: North Cameron WTP Permit Renewal

QC REPORT

QC Batch ID: QC23083 **Matrix:** Water

QC Results

Analyte	Blank	Sample	DUP	RPD	Limit	LCS%	Limits
Total Dissolved Solids(TDS)	<10	4812	4840	0.58	5	99	90-110

CHAIN OF CUSTODY

INTEGRITY testing

COC Number I252752

Name	Eric Hayon
Company	East Rio Hondo WSC
Address	29528 FM 510
City/State/Zip	San Benito, TX 78586
Phone	(956) 399-8709
FAX	
e-mail	elhaydon@erhwsc.com, jvgarcia@erhwsc.com
Project	North Cameron WTP Permit Renewal
Reference/PO	
Collected By	Alex Rodriguez

Turnaround Time Requested:
- [X] Standard
- [ ] 5-Day
- [ ] 3-Day
- [ ] 2-Day
- [ ] Next-Day
- [ ] Same-Day

Reporting Requirements:
- [X] Standard
- [ ] TRRP
- [ ] PST
- [ ] _____

Sample Description	Date	Time	Matrix	1/2 Gallon Plastic	120mL H2SO4	BOD	CBOD	COD	DO	TSS	Nitrate	Total Phosphorus	TDS	Sulfate	Chloride	Fluoride	Lab #
24-Hr Composite Sample	10-15-25	930	water	1	1	x	x	x	x	x	x	x	x	x	x	x	1

Relinquished By	Date	Time	Received By	Date	Time
[signature]	10-15-25	1:15	[signature]	10-15-25	1:15
[signature]	10-15-25	2300			
			Received By Laboratory	Date	Time
			[signature]	10/16/25	8:00

Comments:

Actual Temp: 2.3 C Ice present (Y) N

Corr. Temp: 2.36 C IR Gun # 1

INTEGRITY testing

SAMPLE RECEIPT CHECKLIST

Laboratory Number I252752 Checklist Completed by SM

Custody

Custody seals present?	(Yes)	No	
Custody seals intact?	(Yes)	No	NA
Chain-of-Custody included?	(Yes)	No	
Chain-of-Custody signed and dated by client?	(Yes)	No	
Samples collected and delivered the same day?	Yes	(No)	
Samples received within holding time?	(Yes)	No	

Thermal Preservation >0°C to 6°C

Thermal Preservation Applicable	(Yes)	No
Samples received on ice?	(Yes)	No

Uncorrected Temperature 2.3 °C Corrected Temperature 2.3 °C

IR Gun# 1

Sample Numbers Unacceptable _____

Samples

Samples properly labeled?	(Yes)	No	
Sample containers intact?	(Yes)	No	
Chain-of-Custody information matches samples?	(Yes)	No	
Chain-of-Custody filled out correctly and completely?	(Yes)	No	
Sample volume sufficient for requested analyses?	(Yes)	No	
Were samples received in hermetically sealed containers?	Yes	No	(NA)
Volatile vials received with no headspace?	Yes	No	(NA)
BOD/CBOD samples contain residual chlorine?	Yes	(No)	NA

Chlorine residual strip lot# 3251A

Sample Numbers Unacceptable _____

Chemical Preservation - pH

Chemical Preservation Applicable	(Yes)	No	
pH acceptable upon receipt?	(Yes)	No	NA

pH paper lot # pH-001

Were unacceptable preservations adjusted upon receipt?	Yes	No	(NA)

Sample Numbers/Fraction Unacceptable: _____

Date _____ and Time _____ of preservation

Adjusted by: _____

Chemical Name _____ Lot# _____

Subcontracting

Sample Numbers Subcontracted: _____

Samples subcontracted to: _____

Analyses Subcontracted: _____

Shipped Via: _____

Date Shipped: _____

Comments: _____

_____

Sample Receiving Checklist 5-21-25

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(512) 891-7777 * www.integritytestingaustin.com

Eric Haydon
East Rio Hondo WSC
29528 FM 510
San Benito, Texas 78586

Report Date: 10/22/2025
Report #: I252752
Project ID: North Cameron WTP Permit Renewal

QUALIFIERS AND ACRONYMS

Qualifier	Description
B	Analyte detected in the associated method blank above the detection limit
E	Concentration exceeds the calibration range of the instrument
H	Analyzed outside holding time
J	Indicates an estimated value
*	Value outside QC limits
D	Diluted analyte
N	This identification is based on a mass spectral library search, indicates presumptive evidence of a compound
NC	Integrity Testing does not hold TCEQ NELAC drinking water certification for this analyte.
C	Integrity Testing does not hold TCEQ NELAC certification for this analyte.
NR	Accreditation not available for this method
M	Modified Method
FB	Analyte detected in the associated field blank above the detection limit
TB	Analyte detected in the associated Trip/Field blank above the detection limit

Acronym	Description
DCS	Detection Check Study
DUP	Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
Blank	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
SDL	Sample Detection Limit
SUB	Subcontracted Parameter
TRRP	Texas Risk Reduction Program
DF	Dilution Factor
Q	Qualifiers
3540C-M	TCEQ Accepted, Integrity Testing validated modified continuous extraction tumbling method

END OF REPORT

SAN ANTONIO TESTING LABORATORY

October 22, 2025

Chris Ewert
Integrity Testing
8127 Mesa Dr #C-305
Austin, TX 78759

SATL Report No.: 2510331
RE: North Cameron WTP Permit Renewal

Dear Chris Ewert

SATL received 2 Sample(s) on 10/16/2025 for analyses identified on the chain of custody. The analyses were performed using methods indicated on the laboratory report. Any deviations observed at sample receiving are notated on the Sample Receipt Checklist and/or Chain of Custody documents attached as part of this analytical report.

Sincerely,

For San Antonio Testing Laboratory, Inc.

Xavier Escobar
Business Unit Manager

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

Integrity Testing
8127 Mesa Dr #C-305
Austin TX, 78759

Additional Notes:

Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
Project Number: [none]

Reported:
10/22/25 18:39
Received:
10/16/25 10:19

Report No. 2510331

SAMPLE SUMMARY

Total Samples received in this work order: **2**

The following samples were requested for analysis as per the CoC. Any re-runs or re-analyses requested are identified as such.

Sample ID	Laboratory ID	Matrix	Sampling Method	Date Sampled	Date Received
24-Hr Composite	2510331-01	Liquid	Composite	10/15/25 09:30	10/16/25 10:19
Grab Sample	2510331-02	Liquid	Composite	10/15/25 09:30	10/16/25 10:19

Notes

All quality control samples and checks are within acceptance limits unless otherwise indicated.
Test results pertain only to those items tested.
All samples were in good condition when received by the laboratory unless otherwise noted.

DRAFT

Integrity Testing
8127 Mesa Dr #C-305
Austin TX, 78759

Additional Notes:

Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
Project Number: [none]

Reported:
10/22/25 18:39
Received:
10/16/25 10:19

Report No. 2510331

Sample ID #: 24-Hr Composite **Sampling Method: Composite** **Lab Sample ID #: 2510331-01**

Sample Matrix: Liquid **Date/Time Collected: 10/15/25 09:30**

Analyte	Result	Units	PQL	Prep Method	Batch	Analyzed	Method	Analyst	Notes
General Chemistry									
Cyanide, Amenable *	<0.020	mg/L	0.020	SM4500-CNC	B543208	10/20/25 16:15	SM4500CN_G	SG	
Oil & Grease (HEM) *	<4.75	mg/L	4.75	EPA 1664A	B543212	10/22/25 17:38	EPA 1664A	DD	Q
Hexavalent Chromium *	<0.3	ug/L	0.3	I-1230-85	B543220	10/16/25 10:15	I-1230-85	SG	
Total Mercury by EPA 245.7									
Mercury	<0.005	ng/L	0.005	EPA 245.7	B542238	10/17/25 11:00	EPA 245.7	TW	
Total Metals By ICP-MS									**D1, P2**
Aluminum *	47	ug/L	2	EPA 200.8	B542239	10/17/25 13:31	EPA 200.8	SJ	CH1
Antimony *	<5	ug/L	5	EPA 200.8	B542239	10/17/25 13:31	EPA 200.8	SJ	
Arsenic *	8	ug/L	0.5	EPA 200.8	B542239	10/17/25 13:31	EPA 200.8	SJ	
Barium *	56	ug/L	3	EPA 200.8	B542239	10/17/25 13:31	EPA 200.8	SJ	
Beryllium *	<0.5	ug/L	0.5	EPA 200.8	B542239	10/17/25 13:31	EPA 200.8	SJ	
Cadmium *	<1	ug/L	1	EPA 200.8	B542239	10/17/25 13:31	EPA 200.8	SJ	
Chromium *	<3	ug/L	3	EPA 200.8	B542239	10/17/25 13:31	EPA 200.8	SJ	
Copper *	3	ug/L	2	EPA 200.8	B542239	10/17/25 13:31	EPA 200.8	SJ	
Lead *	<0.5	ug/L	0.5	EPA 200.8	B542239	10/17/25 13:31	EPA 200.8	SJ	
Nickel *	6	ug/L	2	EPA 200.8	B542239	10/17/25 13:31	EPA 200.8	SJ	
Selenium *	50	ug/L	5	EPA 200.8	B542239	10/17/25 13:31	EPA 200.8	SJ	
Silver *	<0.5	ug/L	0.5	EPA 200.8	B542239	10/17/25 13:31	EPA 200.8	SJ	
Thallium *	<0.5	ug/L	0.5	EPA 200.8	B542239	10/17/25 13:31	EPA 200.8	SJ	
Zinc *	19	ug/L	5	EPA 200.8	B542239	10/17/25 13:31	EPA 200.8	SJ	
Trivalent Chromium (Calculated)									
Trivalent Chromium	<3.00	ug/L	3.00	[CALC]	[CALC]	10/17/25 13:31	CALC	SG	

DRAFT

Integrity Testing
8127 Mesa Dr #C-305
Austin TX, 78759

Additional Notes:

Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
Project Number: [none]

Reported:
10/22/25 18:39
Received:
10/16/25 10:19

Report No. 2510331

Sample ID #: 24-Hr Composite **Sampling Method: Composite** **Lab Sample ID #: 2510331-01**

Sample Matrix: Liquid **Date/Time Collected: 10/15/25 09:30**

Analyte	Result	Units	PQL	Prep Method	Batch	Analyzed	Method	Analyst	Notes
Semivolatile Organic Compounds by GC/MS									
1,2,4,5-Tetrachlorobenzene *	<20	ug/L	20	EPA 3510C	B543201	10/22/25 15:46	EPA 625.1	MF	
2,4,5-Trichlorophenol *	<50	ug/L	50	EPA 3510C	B543201	10/21/25 21:06	EPA 625.1	MF	
2,4-Dimethylphenol *	<10	ug/L	10	EPA 3510C	B543201	10/21/25 21:06	EPA 625.1	MF	
2-Methylphenol [o-Cresol] *	<10	ug/L	10	EPA 3510C	B543201	10/21/25 21:06	EPA 625.1	MF	
3,3´-Dichlorobenzidine	<5	ug/L	5	EPA 3510C	B543201	10/21/25 21:06	EPA 625.1	MF	
3/4-Methylphenol *	<10	ug/L	10	EPA 3510C	B543201	10/21/25 21:06	EPA 625.1	MF	
Anthracene *	<10	ug/L	10	EPA 3510C	B543201	10/21/25 21:06	EPA 625.1	MF	
Benz(a)anthracene *	<5	ug/L	5	EPA 3510C	B543201	10/21/25 21:06	EPA 625.1	MF	
Benzidine *	<50	ug/L	50	EPA 3510C	B543201	10/21/25 21:06	EPA 625.1	MF	
Benzo(a)pyrene *	<2	ug/L	2	EPA 3510C	B543201	10/21/25 21:06	EPA 625.1	MF	
Bis(2-Chloroethyl)ether *	<10	ug/L	10	EPA 3510C	B543201	10/21/25 21:06	EPA 625.1	MF	
Bis(2-Ethylhexyl)phthalate *	<10	ug/L	10	EPA 3510C	B543201	10/21/25 21:06	EPA 625.1	MF	
Chrysene *	<5	ug/L	5	EPA 3510C	B543201	10/21/25 21:06	EPA 625.1	MF	
Di-n-butylphthalate *	<10	ug/L	10	EPA 3510C	B543201	10/21/25 21:06	EPA 625.1	MF	
Hexachlorobenzene *	<5	ug/L	5	EPA 3510C	B543201	10/21/25 21:06	EPA 625.1	MF	
Hexachlorobutadiene *	<10	ug/L	10	EPA 3510C	B543201	10/21/25 21:06	EPA 625.1	MF	
Hexachlorocyclopentadiene *	<10	ug/L	10	EPA 3510C	B543201	10/21/25 21:06	EPA 625.1	MF	
Hexachloroethane *	<10	ug/L	10	EPA 3510C	B543201	10/21/25 21:06	EPA 625.1	MF	
Nitrobenzene *	<10	ug/L	10	EPA 3510C	B543201	10/21/25 21:06	EPA 625.1	MF	
N-Nitrosodiethylamine *	<20	ug/L	20	EPA 3510C	B543201	10/22/25 15:46	EPA 625.1	MF	
N-Nitrosodi-n-butylamine *	<20	ug/L	20	EPA 3510C	B543201	10/22/25 15:46	EPA 625.1	MF	
Pentachlorobenzene *	<20	ug/L	20	EPA 3510C	B543201	10/22/25 15:46	EPA 625.1	MF	
Pentachlorophenol *	<5	ug/L	5	EPA 3510C	B543201	10/21/25 21:06	EPA 625.1	MF	
Phenanthrene *	<10	ug/L	10	EPA 3510C	B543201	10/21/25 21:06	EPA 625.1	MF	
Pyridine *	<20	ug/L	20	EPA 3510C	B543201	10/21/25 21:06	EPA 625.1	MF	
Surrogate: 2,4,6-Tribromophenol	*69 %*		*5-134*	*EPA 3510C*	*B543201*	*10/21/25 21:06*	*EPA 625.1*	*MF*	
Surrogate: 2-Fluorobiphenyl	*60 %*		*12.8-101*	*EPA 3510C*	*B543201*	*10/21/25 21:06*	*EPA 625.1*	*MF*	
Surrogate: 2-Fluorophenol	*37 %*		*5-101*	*EPA 3510C*	*B543201*	*10/21/25 21:06*	*EPA 625.1*	*MF*	
Surrogate: Nitrobenzene-d5	*53 %*		*10.7-118*	*EPA 3510C*	*B543201*	*10/21/25 21:06*	*EPA 625.1*	*MF*	
Surrogate: Phenol-d5	*22 %*		*5-87*	*EPA 3510C*	*B543201*	*10/21/25 21:06*	*EPA 625.1*	*MF*	
Surrogate: Terphenyl-d14	*73 %*		*25-133*	*EPA 3510C*	*B543201*	*10/21/25 21:06*	*EPA 625.1*	*MF*	

DRAFT

Integrity Testing
8127 Mesa Dr #C-305
Austin TX, 78759

Additional Notes:

Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
Project Number: [none]

Reported:
10/22/25 18:39
Received:
10/16/25 10:19

Report No. 2510331

Sample ID #: 24-Hr Composite **Sampling Method: Composite** **Lab Sample ID #: 2510331-01**

Sample Matrix: Liquid **Date/Time Collected: 10/15/25 09:30**

Analyte	Result	Units	PQL	Prep Method	Batch	Analyzed	Method	Analyst	Notes
Semivolatile Organic Compounds by GC/MS (Nonylphenol)									
Nonylphenol	<333	ug/L	333	EPA 3510C	B543202	10/22/25 15:46	ASTM D7065	MF	
Surrogate: 2,4,6-Tribromophenol	*41 %*		*5-89.9*	*EPA 3510C*	*B543202*	*10/22/25 15:46*	*ASTM D7065*	*MF*	
Surrogate: 2-Fluorobiphenyl	*38 %*		*27-111*	*EPA 3510C*	*B543202*	*10/22/25 15:46*	*ASTM D7065*	*MF*	
Surrogate: Phenol-d5	*28 %*		*5-64.3*	*EPA 3510C*	*B543202*	*10/22/25 15:46*	*ASTM D7065*	*MF*	
Surrogate: 2-Fluorophenol	*35 %*		*5-64.3*	*EPA 3510C*	*B543202*	*10/22/25 15:46*	*ASTM D7065*	*MF*	
Surrogate: Terphenyl-d14	*49 %*		*5-114*	*EPA 3510C*	*B543202*	*10/22/25 15:46*	*ASTM D7065*	*MF*	
Surrogate: Nitrobenzene-d5	*67 %*		*22-117*	*EPA 3510C*	*B543202*	*10/22/25 15:46*	*ASTM D7065*	*MF*	
Polychlorinated Biphenyls [PCB]									
PCB 1016 *	<0.2	ug/L	0.2	EPA 3510C	B543221	10/22/25 17:09	EPA 8082	MF	
PCB 1221 *	<0.2	ug/L	0.2	EPA 3510C	B543221	10/22/25 17:09	EPA 8082	MF	
PCB 1232 *	<0.2	ug/L	0.2	EPA 3510C	B543221	10/22/25 17:09	EPA 8082	MF	
PCB 1242 *	<0.2	ug/L	0.2	EPA 3510C	B543221	10/22/25 17:09	EPA 8082	MF	
PCB 1248 *	<0.2	ug/L	0.2	EPA 3510C	B543221	10/22/25 17:09	EPA 8082	MF	
PCB 1254 *	<0.2	ug/L	0.2	EPA 3510C	B543221	10/22/25 17:09	EPA 8082	MF	
PCB 1260 *	<0.2	ug/L	0.2	EPA 3510C	B543221	10/22/25 17:09	EPA 8082	MF	
Surrogate: Decachlorobiphenyl	*53 %*		*23.6-87.6*	*EPA 3510C*	*B543221*	*10/22/25 17:09*	*EPA 8082*	*MF*	
Surrogate: Tetrachloro-meta-xylene	*45 %*		*14.6-75.2*	*EPA 3510C*	*B543221*	*10/22/25 17:09*	*EPA 8082*	*MF*	
Volatile Organic Compounds by GC/MS									
1,1,1-Trichloroethane *	<10	ug/L	10	EPA 5030B	B543158	10/17/25 18:43	EPA 624.1	ME	
1,1,2,2-Tetrachloroethane *	<10	ug/L	10	EPA 5030B	B543158	10/17/25 18:43	EPA 624.1	ME	CH
1,1,2-Trichloroethane *	<10	ug/L	10	EPA 5030B	B543158	10/17/25 18:43	EPA 624.1	ME	
1,1-Dichloroethene *	<10	ug/L	10	EPA 5030B	B543158	10/17/25 18:43	EPA 624.1	ME	
1,2-Dibromoethane *	<5	ug/L	5	EPA 5030B	B543158	10/17/25 18:43	EPA 624.1	ME	
1,2-Dichlorobenzene *	<10	ug/L	10	EPA 5030B	B543158	10/17/25 18:43	EPA 624.1	ME	
1,2-Dichloroethane *	<10	ug/L	10	EPA 5030B	B543158	10/17/25 18:43	EPA 624.1	ME	
1,2-Dichloropropane *	<10	ug/L	10	EPA 5030B	B543158	10/17/25 18:43	EPA 624.1	ME	
1,3-Dichlorobenzene *	<10	ug/L	10	EPA 5030B	B543158	10/17/25 18:43	EPA 624.1	ME	
1,3-Dichloropropene	<10	ug/L	10	EPA 5030B	B543158	10/17/25 18:43	EPA 624.1	ME	
1,4-Dichlorobenzene *	<10	ug/L	10	EPA 5030B	B543158	10/17/25 18:43	EPA 624.1	ME	
Acrylonitrile *	<50	ug/L	50	EPA 5030B	B543158	10/17/25 18:43	EPA 624.1	ME	
Benzene *	<10	ug/L	10	EPA 5030B	B543158	10/17/25 18:43	EPA 624.1	ME	
Bromodichloromethane *	<10	ug/L	10	EPA 5030B	B543158	10/17/25 18:43	EPA 624.1	ME	
Bromoform *	<10	ug/L	10	EPA 5030B	B543158	10/17/25 18:43	EPA 624.1	ME	
Carbon Tetrachloride *	<2	ug/L	2	EPA 5030B	B543158	10/17/25 18:43	EPA 624.1	ME	
Chlorobenzene *	<10	ug/L	10	EPA 5030B	B543158	10/17/25 18:43	EPA 624.1	ME	
Chloroform *	<10	ug/L	10	EPA 5030B	B543158	10/17/25 18:43	EPA 624.1	ME	
Chlorodibromomethane *	<10	ug/L	10	EPA 5030B	B543158	10/17/25 18:43	EPA 624.1	ME	
Ethylbenzene *	<10	ug/L	10	EPA 5030B	B543158	10/17/25 18:43	EPA 624.1	ME	

Integrity Testing
8127 Mesa Dr #C-305
Austin TX, 78759

Additional Notes:

Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
Project Number: [none]

Reported:
10/22/25 18:39
Received:
10/16/25 10:19

Report No. 2510331

Sample ID #: 24-Hr Composite **Sampling Method: Composite** **Lab Sample ID #: 2510331-01**

Sample Matrix: Liquid **Date/Time Collected: 10/15/25 09:30**

Analyte	Result	Units	PQL	Prep Method	Batch	Analyzed	Method	Analyst	Notes
Volatile Organic Compounds by GC/MS									
Methyl Ethyl Ketone (2-Butanone) *	<50	ug/L	50	EPA 5030B	B543158	10/17/25 18:43	EPA 624.1	ME	
Methylene Chloride *	<20	ug/L	20	EPA 5030B	B543158	10/17/25 18:43	EPA 624.1	ME	CH
Methyl-tert-Butyl Ether *	<5	ug/L	5	EPA 5030B	B543158	10/17/25 18:43	EPA 624.1	ME	
Tetrachloroethene *	<10	ug/L	10	EPA 5030B	B543158	10/17/25 18:43	EPA 624.1	ME	CH
Toluene *	<10	ug/L	10	EPA 5030B	B543158	10/17/25 18:43	EPA 624.1	ME	
Trichloroethene *	<10	ug/L	10	EPA 5030B	B543158	10/17/25 18:43	EPA 624.1	ME	
Vinyl chloride [Chloroethene] *	<10	ug/L	10	EPA 5030B	B543158	10/17/25 18:43	EPA 624.1	ME	CH, IH
Total Trihalomethanes *	<10	ug/L	10	EPA 5030B	B543158	10/17/25 18:43	EPA 624.1	ME	
Surrogate: 4-Bromofluorobenzene	*86 %*		*80-106*	*EPA 5030B*	*B543158*	*10/17/25 18:43*	*EPA 624.1*	*ME*	
Surrogate: Dibromofluoromethane	*105 %*		*83-118*	*EPA 5030B*	*B543158*	*10/17/25 18:43*	*EPA 624.1*	*ME*	
Surrogate: Toluene-d8	*97 %*		*91-109*	*EPA 5030B*	*B543158*	*10/17/25 18:43*	*EPA 624.1*	*ME*	

DRAFT

Integrity Testing
8127 Mesa Dr #C-305
Austin TX, 78759

Additional Notes:

Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
Project Number: [none]

Reported:
10/22/25 18:39
Received:
10/16/25 10:19

Report No. 2510331

Sample ID #: Grab Sample **Sampling Method: Composite** **Lab Sample ID #: 2510331-02**

Sample Matrix: Liquid **Date/Time Collected: 10/15/25 09:30**

Analyte	Result	Units	PQL	Prep Method	Batch	Analyzed	Method	Analyst	Notes
General Chemistry									
Cyanide, Amenable *	<0.020	mg/L	0.020	SM4500-CNC	B543208	10/20/25 16:15	SM4500CN_G	SG	
Oil & Grease (HEM) *	<4.75	mg/L	4.75	EPA 1664A	B543212	10/22/25 17:39	EPA 1664A	DD	Q

DRAFT

Integrity Testing
8127 Mesa Dr #C-305
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Additional Notes:

Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
Project Number: [none]

Reported:
10/22/25 18:39
Received:
10/16/25 10:19

Report No. 2510331

General Chemistry - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B543208 - SM4500-CNC									
Blank (B543208-BLK1)				Prepared: 10/20/25 16:00 Analyzed: 10/20/25 16:15					
Cyanide, Amenable	<0.020	0.020	mg/L						
LCS (B543208-BS1)				Prepared: 10/20/25 16:00 Analyzed: 10/20/25 16:15					
Cyanide, Amenable	0.106	0.020	mg/L	0.100		106	80-120		
LCS Dup (B543208-BSD1)				Prepared: 10/20/25 16:00 Analyzed: 10/20/25 16:15					
Cyanide, Amenable	0.105	0.020	mg/L	0.100		105	80-120	0.9	20
Matrix Spike (B543208-MS1)		**Source: 2510331-02**		Prepared: 10/20/25 16:00 Analyzed: 10/20/25 16:15					
Cyanide, Amenable	0.105	0.020	mg/L	0.100	<0.020	105	80-120		
Matrix Spike Dup (B543208-MSD1)		**Source: 2510331-02**		Prepared: 10/20/25 16:00 Analyzed: 10/20/25 16:15					
Cyanide, Amenable	0.104	0.020	mg/L	0.100	<0.020	104	80-120	1	20
Batch B543212 - EPA 1664A									
Blank (B543212-BLK1)				Prepared: 10/20/25 10:00 Analyzed: 10/22/25 15:00					
Oil & Grease (HEM)	<4.75	4.75	mg/L						
LCS (B543212-BS1)				Prepared: 10/20/25 10:00 Analyzed: 10/22/25 15:01					
Oil & Grease (HEM)	34.2	4.75	mg/L	40.0		86	78-114		
LCS Dup (B543212-BSD1)				Prepared: 10/20/25 10:00 Analyzed: 10/22/25 15:02					
Oil & Grease (HEM)	34.8	4.75	mg/L	40.0		87	78-114	2	18
Batch B543220 - I-1230-85									
Blank (B543220-BLK1)				Prepared: 10/16/25 10:00 Analyzed: 10/16/25 10:15					
Hexavalent Chromium	<3	3	ug/L						
LCS (B543220-BS1)				Prepared: 10/16/25 10:00 Analyzed: 10/16/25 10:15					
Hexavalent Chromium	383	3	ug/L	400		96	90-110		
LCS Dup (B543220-BSD1)				Prepared: 10/16/25 10:00 Analyzed: 10/16/25 10:15					
Hexavalent Chromium	384	3	ug/L	400		96	90-110	0.3	20
Matrix Spike (B543220-MS1)		**Source: 2510331-01**		Prepared: 10/16/25 10:00 Analyzed: 10/16/25 10:15					
Hexavalent Chromium	381	3	ug/L	400	<3	95	80-120		
Matrix Spike Dup (B543220-MSD1)		**Source: 2510331-01**		Prepared: 10/16/25 10:00 Analyzed: 10/16/25 10:15					

DRAFT

Integrity Testing
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Austin TX, 78759

Additional Notes:

Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
Project Number: [none]

Reported:
10/22/25 18:39
Received:
10/16/25 10:19

Report No. 2510331

General Chemistry - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B543220 - I-1230-85									
Matrix Spike Dup (B543220-MSD1)		**Source: 2510331-01**		Prepared: 10/16/25 10:00		Analyzed: 10/16/25 10:15			
Hexavalent Chromium	383	3	ug/L	400	<3	96	80-120	0.5	20

Total Mercury by EPA 245.7 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B542238 - EPA 245.7									
Blank (B542238-BLK1)				Prepared: 10/16/25 09:00		Analyzed: 10/16/25 13:19			
Mercury	<5.00	5.00	ng/L						
LCS (B542238-BS1)				Prepared: 10/16/25 09:00		Analyzed: 10/16/25 13:21			
Mercury	27.1	5.00	ng/L	25.0		108	75-125		
LCS Dup (B542238-BSD1)				Prepared: 10/16/25 09:00		Analyzed: 10/16/25 13:24			
Mercury	27.3	5.00	ng/L	25.0		109	75-125	0.9	25
Matrix Spike (B542238-MS1)		**Source: 2510187-01**		Prepared: 10/16/25 09:00		Analyzed: 10/16/25 13:30			
Mercury	24.6	5.00	ng/L	25.0	2.56	88	63-111		
Matrix Spike Dup (B542238-MSD1)		**Source: 2510187-01**		Prepared: 10/16/25 09:00		Analyzed: 10/16/25 13:33			
Mercury	24.7	5.00	ng/L	25.0	2.56	89	63-111	0.6	18

Total Metals By ICP-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B542239 - EPA 200.8									
Blank (B542239-BLK1)				Prepared: 10/16/25 09:27		Analyzed: 10/16/25 17:54			
Aluminum	<2	2	ug/L						
Antimony	<5	5	ug/L						
Arsenic	<0.5	0.5	ug/L						
Barium	<3	3	ug/L						
Beryllium	<0.5	0.5	ug/L						

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Integrity Testing
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Additional Notes:

Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
Project Number: [none]

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10/22/25 18:39
Received:
10/16/25 10:19

Report No. 2510331

Total Metals By ICP-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	
Batch B542239 - EPA 200.8										
Blank (B542239-BLK1)				Prepared: 10/16/25 09:27 Analyzed: 10/16/25 17:54						
Cadmium	<1	1	ug/L							
Chromium	<3	3	ug/L							
Copper	<2	2	ug/L							
Lead	<0.5	0.5	ug/L							
Nickel	<2	2	ug/L							
Selenium	<5	5	ug/L							
Silver	<0.5	0.5	ug/L							
Thallium	<0.5	0.5	ug/L							
Zinc	<5	5	ug/L							
LCS (B542239-BS1)				Prepared: 10/16/25 09:27 Analyzed: 10/16/25 17:57						
Aluminum	1020	2	ug/L	1000		102	85-115			
Antimony	111	5	ug/L	100		111	85-115			
Arsenic	98.3	0.5	ug/L	100		98	85-115			
Barium	101	3	ug/L	100		101	85-115			
Beryllium	106	0.5	ug/L	100		106	85-115			
Cadmium	98.9	1	ug/L	100		99	85-115			
Chromium	98.9	3	ug/L	100		99	85-115			
Copper	96.8	2	ug/L	100		97	85-115			
Lead	98.4	0.5	ug/L	100		98	85-115			
Nickel	99.3	2	ug/L	100		99	85-115			
Selenium	99.5	5	ug/L	100		99	85-115			
Silver	104	0.5	ug/L	100		104	85-115			
Thallium	97.5	0.5	ug/L	100		97	85-115			
Zinc	118	5	ug/L	100		118	85-115			L
LCS Dup (B542239-BSD1)				Prepared: 10/16/25 09:27 Analyzed: 10/16/25 18:01						
Aluminum	914	2	ug/L	1000		91	85-115	11	20	
Antimony	98.9	5	ug/L	100		99	85-115	11	20	
Arsenic	90.4	0.5	ug/L	100		90	85-115	8	20	
Barium	91.4	3	ug/L	100		91	85-115	10	20	
Beryllium	96.3	0.5	ug/L	100		96	85-115	10	20	
Cadmium	89.0	1	ug/L	100		89	85-115	11	20	
Chromium	88.4	3	ug/L	100		88	85-115	11	20	
Copper	86.8	2	ug/L	100		87	85-115	11	20	
Lead	89.5	0.5	ug/L	100		90	85-115	9	20	

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Total Metals By ICP-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	
Batch B542239 - EPA 200.8										
LCS Dup (B542239-BSD1)				Prepared: 10/16/25 09:27		Analyzed: 10/16/25 18:01				
Nickel	88.5	2	ug/L	100		88	85-115	12	20	
Selenium	90.6	5	ug/L	100		91	85-115	9	20	
Silver	107	0.5	ug/L	100		107	85-115	3	20	
Thallium	90.7	0.5	ug/L	100		91	85-115	7	20	
Zinc	120	5	ug/L	100		120	85-115	1	20	L
Duplicate (B542239-DUP1)		**Source: 2510252-01**		Prepared: 10/16/25 09:27		Analyzed: 10/17/25 12:55				**D1**
Aluminum	33.8	25	ug/L		33.1			2	20	CH2
Antimony	<5	5	ug/L		<5				20	
Arsenic	13.1	0.5	ug/L		11.9			9	20	
Barium	165	3	ug/L		165			0.2	20	
Beryllium	<5	5	ug/L		<5				20	
Cadmium	0.0278	1	ug/L		0.0287			3	20	
Chromium	0.536	3	ug/L		0.670			22	20	S
Copper	2.49	2	ug/L		1.96			24	20	S
Lead	0.211	0.5	ug/L		0.185			13	20	
Nickel	1.63	2	ug/L		1.71			4	20	
Selenium	12.1	5	ug/L		13.9			14	20	
Silver	0.0779	0.5	ug/L		0.125			47	20	S
Thallium	<0.5	0.5	ug/L		<0.5				20	
Zinc	5.09	50	ug/L		5.36			5	20	
Matrix Spike (B542239-MS1)		**Source: 2510252-01**		Prepared: 10/16/25 09:27		Analyzed: 10/17/25 12:59				**D1**
Aluminum	1000	25	ug/L	1000	33.1	97	75-125			CH2
Antimony	115	5	ug/L	100	<5	115	75-125			
Arsenic	117	0.5	ug/L	100	11.9	105	75-125			
Barium	276	3	ug/L	100	165	111	75-125			
Beryllium	96.4	5	ug/L	100	<5	96	75-125			
Cadmium	95.8	1	ug/L	100	0.0287	96	75-125			
Chromium	99.8	3	ug/L	100	0.670	99	75-125			
Copper	85.8	2	ug/L	100	1.96	84	75-125			
Lead	107	0.5	ug/L	100	0.185	107	75-125			
Nickel	90.4	2	ug/L	100	1.71	89	75-125			
Selenium	111	5	ug/L	100	13.9	97	75-125			
Silver	86.9	0.5	ug/L	100	0.125	87	75-125			
Thallium	99.6	0.5	ug/L	100	<0.5	100	75-125			

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Total Metals By ICP-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	
Batch B542239 - EPA 200.8										
Matrix Spike (B542239-MS1)		**Source: 2510252-01**		Prepared: 10/16/25 09:27		Analyzed: 10/17/25 12:59				**D1**
Zinc	106	50	ug/L	100	5.36	100	75-125			
Matrix Spike Dup (B542239-MSD1)		**Source: 2510252-01**		Prepared: 10/16/25 09:27		Analyzed: 10/17/25 13:02				**D1**
Aluminum	1040	25	ug/L	1000	33.1	101	75-125	4	20	CH2
Antimony	111	5	ug/L	100	<5	111	75-125	4	20	
Arsenic	111	0.5	ug/L	100	11.9	99	75-125	5	20	
Barium	270	3	ug/L	100	165	105	75-125	2	20	
Beryllium	97.8	5	ug/L	100	<5	98	75-125	1	20	
Cadmium	92.9	1	ug/L	100	0.0287	93	75-125	3	20	
Chromium	95.8	3	ug/L	100	0.670	95	75-125	4	20	
Copper	82.1	2	ug/L	100	1.96	80	75-125	4	20	
Lead	104	0.5	ug/L	100	0.185	104	75-125	3	20	
Nickel	86.0	2	ug/L	100	1.71	84	75-125	5	20	
Selenium	102	5	ug/L	100	13.9	88	75-125	9	20	
Silver	83.0	0.5	ug/L	100	0.125	83	75-125	5	20	
Thallium	97.2	0.5	ug/L	100	<0.5	97	75-125	2	20	
Zinc	104	50	ug/L	100	5.36	99	75-125	1	20	

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B543201 - EPA 3510C									
Blank (B543201-BLK1)				Prepared: 10/21/25 10:30		Analyzed: 10/21/25 14:05			
1,2,4,5-Tetrachlorobenzene	<20	20	ug/L						
1,2,4-Trichlorobenzene	<2	2	ug/L						
1,2-Dichlorobenzene	<2	2	ug/L						
1,3-Dichlorobenzene	<2	2	ug/L						
1,4-Dichlorobenzene	<2	2	ug/L						
2,3,4,6-Tetrachlorophenol	<2	2	ug/L						
2,4,5-Trichlorophenol	<50	50	ug/L						
2,4,6-Trichlorophenol	<2	2	ug/L						
2,4-Dichlorophenol	<2	2	ug/L						
2,4-Dimethylphenol	<10	10	ug/L						

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Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	
Batch B543201 - EPA 3510C										
Blank (B543201-BLK1)				Prepared: 10/21/25 10:30 Analyzed: 10/21/25 14:05						
2,4-Dinitrophenol	<10	10	ug/L							
2,4-Dinitrotoluene	<2	2	ug/L							
2,6-Dinitrotoluene	<2	2	ug/L							
2-Chloronaphthalene	<2	2	ug/L							
2-Chlorophenol	<2	2	ug/L							
2-Methylphenol [o-Cresol]	<10	10	ug/L							
2-Nitrophenol	<2	2	ug/L							
3,3´-Dichlorobenzidine	<5	5	ug/L							
3/4-Methylphenol	<10	10	ug/L							
4,6-Dinitro-2-methylphenol	<2	2	ug/L							
4-Bromophenyl-phenylether	<2	2	ug/L							
4-Chloro-3-methylphenol	<2	2	ug/L							
4-Chlorophenyl-phenylether	<2	2	ug/L							
4-Nitrophenol	<2	2	ug/L							
Acenaphthene	<2	2	ug/L							
Acenaphthylene	<2	2	ug/L							
Anthracene	<10	10	ug/L							
Azobenzene [1,2-Diphenylhydrazine]	<2	2	ug/L							CH
Benz(a)anthracene	<5	5	ug/L							
Benzidine	<50	50	ug/L							
Benzo(a)pyrene	<2	2	ug/L							
Benzo[b]fluoranthene	<2	2	ug/L							
Benzo[g,h,i]perylene	<2	2	ug/L							
Benzo[k]fluoranthene	<2	2	ug/L							
bis(2-Chloroethoxy)methane	<2	2	ug/L							
Bis(2-Chloroethyl)ether	<10	10	ug/L							
Bis(2-chloroisopropyl)ether	<2	2	ug/L							
Bis(2-Ethylhexyl)phthalate	<10	10	ug/L							
Butylbenzylphthalate	<2	2	ug/L							
Chrysene	<5	5	ug/L							
Dibenz[a,h]anthracene	<2	2	ug/L							
Diethylphthalate	<2	2	ug/L							
Dimethylphthalate	<2	2	ug/L							
Di-n-butylphthalate	<10	10	ug/L							
Di-n-octylphthalate	<2	2	ug/L							

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Integrity Testing
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Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	
Batch B543201 - EPA 3510C										
Blank (B543201-BLK1)				Prepared: 10/21/25 10:30 Analyzed: 10/21/25 14:05						
Fluoranthene	<2	2	ug/L							
Fluorene	<2	2	ug/L							
Hexachlorobenzene	<5	5	ug/L							
Hexachlorobutadiene	<10	10	ug/L							
Hexachlorocyclopentadiene	<10	10	ug/L							
Hexachloroethane	<10	10	ug/L							
Indeno[1,2,3-cd]pyrene	<2	2	ug/L							
Isophorone	<2	2	ug/L							
Naphthalene	<2	2	ug/L							
Nitrobenzene	<10	10	ug/L							
N-Nitrosodiethylamine	<20	20	ug/L							
N-Nitrosodimethylamine	<2	2	ug/L							
N-Nitrosodi-n-butylamine	<20	20	ug/L							
N-Nitroso-di-n-propylamine	<10	10	ug/L							
N-Nitrosodiphenylamine	<2	2	ug/L							
Pentachlorobenzene	<20	20	ug/L							
Pentachlorophenol	<5	5	ug/L							
Phenanthrene	<10	10	ug/L							
Phenol	<2	2	ug/L							
Pyrene	<2	2	ug/L							
Pyridine	<20	20	ug/L							
Atrazine	<10	10	ug/L							
Surrogate: 2,4,6-Tribromophenol	*153*		*ug/L*	*200*		*77*	*5-134*			
Surrogate: 2-Fluorobiphenyl	*64.8*		*ug/L*	*100*		*65*	*12.8-101*			
Surrogate: 2-Fluorophenol	*127*		*ug/L*	*200*		*64*	*5-101*			
Surrogate: Nitrobenzene-d5	*67.0*		*ug/L*	*100*		*67*	*10.7-118*			
Surrogate: Phenol-d5	*113*		*ug/L*	*200*		*56*	*5-87*			
Surrogate: Terphenyl-d14	*83.4*		*ug/L*	*100*		*83*	*25-133*			
LCS (B543201-BS1)				Prepared: 10/21/25 10:30 Analyzed: 10/22/25 15:03						
1,2,4,5-Tetrachlorobenzene	37.1	20	ug/L	80.0		46	25-138			
1,2,4-Trichlorobenzene	45.8	2	ug/L	80.0		57	57-130			
1,2-Dichlorobenzene	44.3	2	ug/L	80.0		55	11.4-57.3			
1,3-Dichlorobenzene	43.0	2	ug/L	80.0		54	35.7-64.2			
1,4-Dichlorobenzene	46.2	2	ug/L	80.0		58	34.8-66.4			
2,3,4,6-Tetrachlorophenol	68.5	2	ug/L	80.0		86	50.5-83.3			L

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Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	
Batch B543201 - EPA 3510C										
LCS (B543201-BS1)				Prepared: 10/21/25 10:30 Analyzed: 10/21/25 14:26						
2,4,5-Trichlorophenol	62.5	50	ug/L	80.0		78	51.3-84.1			
2,4,6-Trichlorophenol	57.8	2	ug/L	80.0		72	52-129			
2,4-Dichlorophenol	52.1	2	ug/L	80.0		65	53-122			
2,4-Dimethylphenol	58.7	10	ug/L	80.0		73	42-120			
2,4-Dinitrophenol	71.1	10	ug/L	80.0		89	5-173			
2,4-Dinitrotoluene	55.3	2	ug/L	80.0		69	48-127			
2,6-Dinitrotoluene	55.0	2	ug/L	80.0		69	68-137			
2-Chloronaphthalene	52.7	2	ug/L	80.0		66	65-120			
2-Chlorophenol	49.7	2	ug/L	80.0		62	36-120			
2-Methylphenol [o-Cresol]	50.0	10	ug/L	80.0		62	41.8-84.1			
2-Nitrophenol	47.9	2	ug/L	80.0		60	45-167			
3,3´-Dichlorobenzidine	65.6	5	ug/L	80.0		82	8-213			
3/4-Methylphenol	42.3	10	ug/L	80.0		53	43-88.9			
4,6-Dinitro-2-methylphenol	68.0	2	ug/L	80.0		85	53-130			
4-Bromophenyl-phenylether	59.1	2	ug/L	80.0		74	65-120			
4-Chloro-3-methylphenol	58.7	2	ug/L	80.0		73	41-128			
4-Chlorophenyl-phenylether	59.8	2	ug/L	80.0		75	38-145			
4-Nitrophenol	46.8	2	ug/L	80.0		59	13-129			
Acenaphthene	53.5	2	ug/L	80.0		67	70-130			L
Acenaphthylene	50.2	2	ug/L	80.0		63	60-130			
Anthracene	56.3	10	ug/L	80.0		70	58-130			
Azobenzene [1,2-Diphenylhydrazine]	71.0	2	ug/L	80.0		89	50.4-98.2			CH
Benz(a)anthracene	68.1	5	ug/L	80.0		85	42-133			
Benzidine	25.8	50	ug/L	80.0		32	18.1-101			
Benzo(a)pyrene	67.8	2	ug/L	80.0		85	32-148			
Benzo[b]fluoranthene	73.5	2	ug/L	80.0		92	42-140			
Benzo[g,h,i]perylene	67.4	2	ug/L	80.0		84	5-195			
Benzo[k]fluoranthene	66.1	2	ug/L	80.0		83	25-146			
bis(2-Chloroethoxy)methane	48.4	2	ug/L	80.0		60	49-165			
Bis(2-Chloroethyl)ether	87.8	10	ug/L	80.0		110	43-126			
Bis(2-chloroisopropyl)ether	59.6	2	ug/L	80.0		74	63-139			
Bis(2-Ethylhexyl)phthalate	61.2	10	ug/L	80.0		76	29-137			
Butylbenzylphthalate	57.1	2	ug/L	80.0		71	5-140			
Chrysene	65.5	5	ug/L	80.0		82	44-140			
Dibenz[a,h]anthracene	70.4	2	ug/L	80.0		88	5-200			

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Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B543201 - EPA 3510C									
LCS (B543201-BS1)				Prepared: 10/21/25 10:30 Analyzed: 10/21/25 14:26					
Diethylphthalate	63.1	2	ug/L	80.0		79	5-120		
Dimethylphthalate	59.7	2	ug/L	80.0		75	5-120		
Di-n-butylphthalate	57.6	10	ug/L	80.0		72	8-120		
Di-n-octylphthalate	56.1	2	ug/L	80.0		70	19-132		
Fluoranthene	61.6	2	ug/L	80.0		77	43-121		
Fluorene	56.8	2	ug/L	80.0		71	70-120		
Hexachlorobenzene	61.2	5	ug/L	80.0		76	8-142		
Hexachlorobutadiene	48.1	10	ug/L	80.0		60	38-120		
Hexachlorocyclopentadiene	51.7	10	ug/L	80.0		65	7.82-72.2		
Hexachloroethane	47.6	10	ug/L	80.0		60	55-120		
Indeno[1,2,3-cd]pyrene	87.5	2	ug/L	80.0		109	5-151		
Isophorone	49.5	2	ug/L	80.0		62	47-180		
Naphthalene	43.5	2	ug/L	80.0		54	36-120		
Nitrobenzene	57.1	10	ug/L	80.0		71	54-158		
N-Nitrosodiethylamine	58.4	20	ug/L	80.0		73	27.8-84.4		
N-Nitrosodimethylamine	45.1	2	ug/L	80.0		56	32.6-70.3		
N-Nitrosodi-n-butylamine	53.1	20	ug/L	80.0		66	43.2-77.9		
N-Nitroso-di-n-propylamine	55.1	10	ug/L	80.0		69	51-94.8		
N-Nitrosodiphenylamine	56.7	2	ug/L	80.0		71	54.5-90.5		
Pentachlorobenzene	44.8	20	ug/L	80.0		56	43.1-84.4		
Pentachlorophenol	66.7	5	ug/L	80.0		83	38-152		
Phenanthrene	54.7	10	ug/L	80.0		68	65-120		
Phenol	45.2	2	ug/L	80.0		57	17-120		
Pyrene	62.1	2	ug/L	80.0		78	70-120		
Pyridine	44.3	20	ug/L	80.0		55	29.2-68.7		
Atrazine	<10	10	ug/L	80.0			0-200		
Surrogate: 2,4,6-Tribromophenol	*173*		*ug/L*	*200*		*86*	*5-134*		
Surrogate: 2-Fluorobiphenyl	*63.2*		*ug/L*	*100*		*63*	*12.8-101*		
Surrogate: 2-Fluorophenol	*116*		*ug/L*	*200*		*58*	*5-101*		
Surrogate: Nitrobenzene-d5	*66.7*		*ug/L*	*100*		*67*	*46-219*		
Surrogate: Phenol-d5	*105*		*ug/L*	*200*		*53*	*48-208*		
Surrogate: Terphenyl-d14	*82.4*		*ug/L*	*100*		*82*	*25-133*		
LCS Dup (B543201-BSD1)				Prepared: 10/21/25 10:30 Analyzed: 10/22/25 15:24					
1,2,4,5-Tetrachlorobenzene	36.1	20	ug/L	80.0		45	25-138	3	13.6
1,2,4-Trichlorobenzene	46.4	2	ug/L	80.0		58	57-130	1	12.8

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Integrity Testing
8127 Mesa Dr #C-305
Austin TX, 78759

Additional Notes:

Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
Project Number: [none]

Reported:
10/22/25 18:39
Received:
10/16/25 10:19

Report No. 2510331

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	
Batch B543201 - EPA 3510C										
LCS Dup (B543201-BSD1)				Prepared: 10/21/25 10:30 Analyzed: 10/21/25 14:46						
1,2-Dichlorobenzene	46.2	2	ug/L	80.0		58	11.4-57.3	4	15.4	L
1,3-Dichlorobenzene	47.2	2	ug/L	80.0		59	35.7-64.2	9	15.6	
1,4-Dichlorobenzene	45.4	2	ug/L	80.0		57	34.8-66.4	2	15.5	
2,3,4,6-Tetrachlorophenol	70.2	2	ug/L	80.0		88	50.5-83.3	2	17.6	L
2,4,5-Trichlorophenol	62.5	50	ug/L	80.0		78	51.3-84.1	0.03	16.1	
2,4,6-Trichlorophenol	61.8	2	ug/L	80.0		77	52-129	7	14.6	
2,4-Dichlorophenol	54.6	2	ug/L	80.0		68	53-122	5	12.1	
2,4-Dimethylphenol	61.0	10	ug/L	80.0		76	42-120	4	10.7	
2,4-Dinitrophenol	80.0	10	ug/L	80.0		100	5-173	12	152	
2,4-Dinitrotoluene	61.6	2	ug/L	80.0		77	48-127	11	12.3	
2,6-Dinitrotoluene	56.1	2	ug/L	80.0		70	68-137	2	15.7	
2-Chloronaphthalene	55.4	2	ug/L	80.0		69	65-120	5	12.2	
2-Chlorophenol	49.9	2	ug/L	80.0		62	36-120	0.4	11.4	
2-Methylphenol [o-Cresol]	53.7	10	ug/L	80.0		67	41.8-84.1	7	9.85	
2-Nitrophenol	52.2	2	ug/L	80.0		65	45-167	9	149	
3,3´-Dichlorobenzidine	66.0	5	ug/L	80.0		83	8-213	0.6	23.3	
3/4-Methylphenol	49.9	10	ug/L	80.0		62	43-88.9	17	7.98	S
4,6-Dinitro-2-methylphenol	69.0	2	ug/L	80.0		86	53-130	2	14.2	
4-Bromophenyl-phenylether	64.0	2	ug/L	80.0		80	65-120	8	16.1	
4-Chloro-3-methylphenol	63.2	2	ug/L	80.0		79	41-128	7	13.2	
4-Chlorophenyl-phenylether	61.8	2	ug/L	80.0		77	38-145	3	16.4	
4-Nitrophenol	42.3	2	ug/L	80.0		53	13-129	10	11.9	
Acenaphthene	56.5	2	ug/L	80.0		71	70-130	5	17.1	
Acenaphthylene	53.4	2	ug/L	80.0		67	60-130	6	17.2	
Anthracene	60.2	10	ug/L	80.0		75	58-130	7	19.8	
Azobenzene [1,2-Diphenylhydrazine]	77.7	2	ug/L	80.0		97	50.4-98.2	9	15.7	CH
Benz(a)anthracene	67.9	5	ug/L	80.0		85	42-133	0.4	21.1	
Benzidine	29.2	50	ug/L	80.0		37	18.1-101	12	22.9	
Benzo(a)pyrene	68.2	2	ug/L	80.0		85	32-148	0.5	18.3	
Benzo[b]fluoranthene	74.0	2	ug/L	80.0		93	42-140	0.7	18.4	
Benzo[g,h,i]perylene	67.6	2	ug/L	80.0		84	5-195	0.2	19.7	
Benzo[k]fluoranthene	64.2	2	ug/L	80.0		80	25-146	3	18.5	
bis(2-Chloroethoxy)methane	53.4	2	ug/L	80.0		67	49-165	10	13	
Bis(2-Chloroethyl)ether	57.9	10	ug/L	80.0		72	43-126	41	12.9	S
Bis(2-chloroisopropyl)ether	66.9	2	ug/L	80.0		84	63-139	12	12.2	

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Integrity Testing
8127 Mesa Dr #C-305
Austin TX, 78759

Additional Notes:

Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
Project Number: [none]

Reported:
10/22/25 18:39
Received:
10/16/25 10:19

Report No. 2510331

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	
Batch B543201 - EPA 3510C										
LCS Dup (B543201-BSD1)				Prepared: 10/21/25 10:30 Analyzed: 10/21/25 14:46						
Bis(2-Ethylhexyl)phthalate	65.2	10	ug/L	80.0		81	29-137	6	30.9	
Butylbenzylphthalate	59.8	2	ug/L	80.0		75	5-140	5	14	
Chrysene	67.1	5	ug/L	80.0		84	44-140	2	37.7	
Dibenz[a,h]anthracene	69.7	2	ug/L	80.0		87	5-200	0.9	17.9	
Diethylphthalate	65.4	2	ug/L	80.0		82	5-120	4	17	
Dimethylphthalate	64.1	2	ug/L	80.0		80	5-120	7	16.1	
Di-n-butylphthalate	62.3	10	ug/L	80.0		78	8-120	8	15.1	
Di-n-octylphthalate	57.1	2	ug/L	80.0		71	19-132	2	12.4	
Fluoranthene	64.0	2	ug/L	80.0		80	43-121	4	17.8	
Fluorene	59.7	2	ug/L	80.0		75	70-120	5	16.5	
Hexachlorobenzene	67.4	5	ug/L	80.0		84	8-142	10	14.5	
Hexachlorobutadiene	50.4	10	ug/L	80.0		63	38-120	5	14	
Hexachlorocyclopentadiene	55.2	10	ug/L	80.0		69	7.82-72.2	6	23	
Hexachloroethane	55.8	10	ug/L	80.0		70	55-120	16	15	S
Indeno[1,2,3-cd]pyrene	86.9	2	ug/L	80.0		109	5-151	0.7	21.7	
Isophorone	50.5	2	ug/L	80.0		63	47-180	2	10.9	
Naphthalene	47.3	2	ug/L	80.0		59	36-120	8	12.3	
Nitrobenzene	61.5	10	ug/L	80.0		77	54-158	7	12.6	
N-Nitrosodiethylamine	63.6	20	ug/L	80.0		80	27.8-84.4	8	16.4	
N-Nitrosodimethylamine	54.2	2	ug/L	80.0		68	32.6-70.3	18	9.16	S
N-Nitrosodi-n-butylamine	67.0	20	ug/L	80.0		84	43.2-77.9	23	19.9	L S
N-Nitroso-di-n-propylamine	60.9	10	ug/L	80.0		76	51-94.8	10	11	
N-Nitrosodiphenylamine	63.8	2	ug/L	80.0		80	54.5-90.5	12	15	
Pentachlorobenzene	41.7	20	ug/L	80.0		52	43.1-84.4	7	21.7	
Pentachlorophenol	62.7	5	ug/L	80.0		78	38-152	6	14.4	
Phenanthrene	58.5	10	ug/L	80.0		73	65-120	7	19.1	
Phenol	42.0	2	ug/L	80.0		52	17-120	7	8.34	
Pyrene	66.1	2	ug/L	80.0		83	70-120	6	16.9	
Pyridine	50.6	20	ug/L	80.0		63	29.2-68.7	13	19.3	
Atrazine	<10	10	ug/L	80.0			0-200		200	
Surrogate: 2,4,6-Tribromophenol	*398*		*ug/L*	*400*		*100*	*5-134*			
Surrogate: 2-Fluorobiphenyl	*122*		*ug/L*	*200*		*61*	*12.8-101*			
Surrogate: 2-Fluorophenol	*241*		*ug/L*	*400*		*60*	*5-101*			
Surrogate: Nitrobenzene-d5	*142*		*ug/L*	*200*		*71*	*46-219*			
Surrogate: Phenol-d5	*244*		*ug/L*	*400*		*61*	*48-208*			

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Integrity Testing
8127 Mesa Dr #C-305
Austin TX, 78759

Additional Notes:

Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
Project Number: [none]

Reported:
10/22/25 18:39
Received:
10/16/25 10:19

Report No. 2510331

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	
Batch B543201 - EPA 3510C										
LCS Dup (B543201-BSD1)				Prepared: 10/21/25 10:30		Analyzed: 10/21/25 14:46				
Surrogate: Terphenyl-d14	*171*		*ug/L*	*200*		*86*	*25-133*			
Matrix Spike (B543201-MS1)		**Source: 2510187-01**		Prepared: 10/21/25 10:30		Analyzed: 10/22/25 16:28				
1,2,4,5-Tetrachlorobenzene	59.7	20	ug/L	160	<20	37	2-200			
1,2,4-Trichlorobenzene	68.1	2	ug/L	160	<2	43	44-142			M
1,2-Dichlorobenzene	67.4	2	ug/L	160	<2	42	33.3-64.3			
1,3-Dichlorobenzene	71.7	2	ug/L	160	<2	45	31.1-63			
1,4-Dichlorobenzene	72.5	2	ug/L	160	<2	45	32.2-63			
2,3,4,6-Tetrachlorophenol	128	2	ug/L	160	<2	80	17.3-119			
2,4,5-Trichlorophenol	113	50	ug/L	160	<50	70	24.1-108			
2,4,6-Trichlorophenol	99.1	2	ug/L	160	<2	62	37-144			
2,4-Dichlorophenol	80.7	2	ug/L	160	<2	50	39-135			
2,4-Dimethylphenol	76.8	10	ug/L	160	<10	48	32-120			
2,4-Dinitrophenol	169	10	ug/L	160	<10	106	5-191			
2,4-Dinitrotoluene	104	2	ug/L	160	<2	65	39-139			
2,6-Dinitrotoluene	104	2	ug/L	160	<2	65	50-158			
2-Chloronaphthalene	77.7	2	ug/L	160	<2	49	60-120			M
2-Chlorophenol	74.3	2	ug/L	160	<2	46	23-134			
2-Methylphenol [o-Cresol]	63.5	10	ug/L	160	<10	40	18.1-104			
2-Nitrophenol	70.9	2	ug/L	160	<2	44	29-182			
3,3´-Dichlorobenzidine	106	5	ug/L	160	<5	66	5-262			
3/4-Methylphenol	167	10	ug/L	160	<10	105	15.1-103			M
4,6-Dinitro-2-methylphenol	127	2	ug/L	160	<2	79	5-181			
4-Bromophenyl-phenylether	107	2	ug/L	160	<2	67	53-127			
4-Chloro-3-methylphenol	94.2	2	ug/L	160	<2	59	22-147			
4-Chlorophenyl-phenylether	116	2	ug/L	160	<2	73	25-128			
4-Nitrophenol	66.4	2	ug/L	160	<2	42	5-132			
Acenaphthene	92.7	2	ug/L	160	<2	58	47-145			
Acenaphthylene	87.3	2	ug/L	160	<2	55	33-145			
Anthracene	103	10	ug/L	160	<10	65	27-133			
Azobenzene [1,2-Diphenylhydrazine]	120	2	ug/L	160	<2	75	44-97.1			CH
Benz(a)anthracene	121	5	ug/L	160	<5	76	33-143			
Benzidine	20.4	50	ug/L	160	<50	13	5-108			
Benzo(a)pyrene	127	2	ug/L	160	<2	79	17-163			
Benzo[b]fluoranthene	138	2	ug/L	160	<2	87	24-159			

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Integrity Testing
8127 Mesa Dr #C-305
Austin TX, 78759

Additional Notes:

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Project: North Cameron WTP Permit Renewal
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Report No. 2510331

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	
Batch B543201 - EPA 3510C										
Matrix Spike (B543201-MS1)		**Source: 2510187-01**		Prepared: 10/21/25 10:30		Analyzed: 10/21/25 20:46				
Benzo[g,h,i]perylene	132	2	ug/L	160	<2	82	5-219			
Benzo[k]fluoranthene	128	2	ug/L	160	<2	80	11-162			
bis(2-Chloroethoxy)methane	70.4	2	ug/L	160	<2	44	33-184			
Bis(2-Chloroethyl)ether	128	10	ug/L	160	<10	80	12-158			
Bis(2-chloroisopropyl)ether	93.8	2	ug/L	160	<2	59	36-166			
Bis(2-Ethylhexyl)phthalate	111	10	ug/L	160	<10	69	8-158			
Butylbenzylphthalate	101	2	ug/L	160	<2	63	5-152			
Chrysene	126	5	ug/L	160	<5	79	17-168			
Dibenz[a,h]anthracene	136	2	ug/L	160	<2	85	5-227			
Diethylphthalate	125	2	ug/L	160	<2	78	5-120			
Dimethylphthalate	110	2	ug/L	160	<2	69	5-120			
Di-n-butylphthalate	107	10	ug/L	160	<10	67	1-120			
Di-n-octylphthalate	102	2	ug/L	160	<2	64	4-146			
Fluoranthene	110	2	ug/L	160	<2	69	26-137			
Fluorene	103	2	ug/L	160	<2	65	59-121			
Hexachlorobenzene	105	5	ug/L	160	<5	66	5-152			
Hexachlorobutadiene	85.1	10	ug/L	160	<10	53	24-120			
Hexachlorocyclopentadiene	84.5	10	ug/L	160	<10	53	5-87			
Hexachloroethane	82.9	10	ug/L	160	<10	52	40-120			
Indeno[1,2,3-cd]pyrene	143	2	ug/L	160	<2	89	5-171			
Isophorone	69.8	2	ug/L	160	<2	44	21-196			
Naphthalene	69.0	2	ug/L	160	<2	43	21-133			
Nitrobenzene	85.2	10	ug/L	160	<10	53	35-180			
N-Nitrosodiethylamine	74.1	20	ug/L	160	<20	46	43.8-72.7			
N-Nitrosodimethylamine	63.4	2	ug/L	160	<2	40	14.5-77.4			
N-Nitrosodi-n-butylamine	76.3	20	ug/L	160	<20	48	51.5-65.1			M
N-Nitroso-di-n-propylamine	85.1	10	ug/L	160	<10	53	46.5-86.3			
N-Nitrosodiphenylamine	99.3	2	ug/L	160	<2	62	40.6-98.3			
Pentachlorobenzene	70.8	20	ug/L	160	<20	44	54.7-80			M
Pentachlorophenol	105	5	ug/L	160	<5	65	14-176			
Phenanthrene	105	10	ug/L	160	<10	66	54-120			
Phenol	68.5	2	ug/L	160	<2	43	5-120			
Pyrene	113	2	ug/L	160	<2	71	52-120			
Pyridine	49.4	20	ug/L	160	<20	31	3.89-92.1			
Atrazine	<10	10	ug/L	160	<10		0-200			

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Integrity Testing
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Additional Notes:

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10/22/25 18:39
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10/16/25 10:19

Report No. 2510331

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B543201 - EPA 3510C									
Matrix Spike (B543201-MS1)		**Source: 2510187-01**		Prepared: 10/21/25 10:30 Analyzed: 10/21/25 20:46					
Surrogate: 2,4,6-Tribromophenol	*663*		*ug/L*	*800*		*83*	*5-134*		
Surrogate: 2-Fluorobiphenyl	*192*		*ug/L*	*400*		*48*	*12.8-101*		
Surrogate: 2-Fluorophenol	*277*		*ug/L*	*800*		*35*	*5-101*		
Surrogate: Nitrobenzene-d5	*205*		*ug/L*	*400*		*51*	*15-314*		
Surrogate: Phenol-d5	*225*		*ug/L*	*800*		*28*	*8-424*		
Surrogate: Terphenyl-d14	*322*		*ug/L*	*400*		*80*	*25-133*		

Semivolatile Organic Compounds by GC/MS (Nonylphenol) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B543202 - EPA 3510C									
Blank (B543202-BLK1)				Prepared: 10/21/25 10:30 Analyzed: 10/22/25 14:42					
Nonylphenol	<333	333	ug/L						
Surrogate: 2,4,6-Tribromophenol	*88.8*		*ug/L*	*200*		*44*	*5-89.9*		
Surrogate: 2-Fluorobiphenyl	*47.0*		*ug/L*	*100*		*47*	*27-111*		
Surrogate: Phenol-d5	*107*		*ug/L*	*200*		*54*	*5-64.3*		
Surrogate: 2-Fluorophenol	*115*		*ug/L*	*200*		*58*	*5-64.3*		
Surrogate: Terphenyl-d14	*57.6*		*ug/L*	*100*		*58*	*5-114*		
Surrogate: Nitrobenzene-d5	*85.7*		*ug/L*	*100*		*86*	*22-117*		
LCS (B543202-BS1)				Prepared: 10/21/25 10:30 Analyzed: 10/22/25 15:03					
Nonylphenol	417	333	ug/L	500		83	32.3-103		
Surrogate: 2,4,6-Tribromophenol	*104*		*ug/L*	*200*		*52*	*5-89.9*		
Surrogate: Phenol-d5	*100*		*ug/L*	*200*		*50*	*5-64.3*		
Surrogate: 2-Fluorobiphenyl	*52.7*		*ug/L*	*100*		*53*	*27-111*		
Surrogate: Terphenyl-d14	*68.7*		*ug/L*	*100*		*69*	*5-114*		
Surrogate: 2-Fluorophenol	*107*		*ug/L*	*200*		*54*	*5-64.3*		
Surrogate: Nitrobenzene-d5	*71.6*		*ug/L*	*100*		*72*	*22-117*		
LCS Dup (B543202-BSD1)				Prepared: 10/21/25 10:30 Analyzed: 10/22/25 15:24					
Nonylphenol	454	333	ug/L	500		91	32.3-103	8	21.4
Surrogate: 2,4,6-Tribromophenol	*251*		*ug/L*	*400*		*63*	*5-89.9*		
Surrogate: 2-Fluorobiphenyl	*99.7*		*ug/L*	*200*		*50*	*27-111*		

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Integrity Testing
8127 Mesa Dr #C-305
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Additional Notes:

Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
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10/16/25 10:19

Report No. 2510331

Semivolatile Organic Compounds by GC/MS (Nonylphenol) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	
Batch B543202 - EPA 3510C										
LCS Dup (B543202-BSD1)				Prepared: 10/21/25 10:30 Analyzed: 10/22/25 15:24						
Surrogate: Phenol-d5	*233*		*ug/L*	*400*		*58*	*5-64.3*			
Surrogate: Terphenyl-d14	*123*		*ug/L*	*200*		*61*	*5-114*			
Surrogate: 2-Fluorophenol	*241*		*ug/L*	*400*		*60*	*5-64.3*			
Surrogate: Nitrobenzene-d5	*205*		*ug/L*	*200*		*103*	*22-117*			
Matrix Spike (B543202-MS1)		**Source: 2510187-01**		Prepared: 10/21/25 10:30 Analyzed: 10/22/25 16:28						
Nonylphenol	668	333	ug/L	1000	<333	67	26-117			
Surrogate: 2,4,6-Tribromophenol	*425*		*ug/L*	*400*		*106*	*5-89.9*			*SurrH*
Surrogate: 2-Fluorobiphenyl	*179*		*ug/L*	*200*		*89*	*27-111*			
Surrogate: Phenol-d5	*232*		*ug/L*	*400*		*58*	*5-64.3*			
Surrogate: Terphenyl-d14	*241*		*ug/L*	*200*		*121*	*5-114*			*SurrH*
Surrogate: 2-Fluorophenol	*242*		*ug/L*	*400*		*61*	*5-64.3*			
Surrogate: Nitrobenzene-d5	*208*		*ug/L*	*200*		*104*	*22-117*			

Polychlorinated Biphenyls [PCB] - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B543221 - EPA 3510C									
Blank (B543221-BLK1)				Prepared: 10/22/25 10:14 Analyzed: 10/22/25 16:58					
PCB 1016	<0.2	0.2	ug/L						
PCB 1221	<0.2	0.2	ug/L						
PCB 1232	<0.2	0.2	ug/L						
PCB 1242	<0.2	0.2	ug/L						
PCB 1248	<0.2	0.2	ug/L						
PCB 1254	<0.2	0.2	ug/L						
PCB 1260	<0.2	0.2	ug/L						
Surrogate: Decachlorobiphenyl	*56.6*		*ug/L*	*100*		*57*	*23.6-87.6*		
Surrogate: Tetrachloro-meta-xylene	*46.3*		*ug/L*	*100*		*46*	*14.6-75.2*		

Volatile Organic Compounds by GC/MS - Quality Control

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Integrity Testing
8127 Mesa Dr #C-305
Austin TX, 78759

Additional Notes:

Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
Project Number: [none]

Reported:
10/22/25 18:39
Received:
10/16/25 10:19

Report No. 2510331

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	
Batch B543158 - EPA 5030B										
Blank (B543158-BLK1)				Prepared: 10/17/25 15:27 Analyzed: 10/17/25 17:44						
1,1,1-Trichloroethane	<10	10	ug/L							
1,1,2,2-Tetrachloroethane	<10	10	ug/L							CH
1,1,2-Trichloroethane	<10	10	ug/L							
1,1-Dichloroethane	<5	5	ug/L							
1,1-Dichloroethene	<10	10	ug/L							
1,2-Dibromoethane	<5	5	ug/L							
1,2-Dichlorobenzene	<10	10	ug/L							
1,2-Dichloroethane	<10	10	ug/L							
1,2-Dichloropropane	<10	10	ug/L							
1,3-Dichlorobenzene	<10	10	ug/L							
1,4-Dichlorobenzene	<10	10	ug/L							
2-Chloroethyl Vinyl Ether	<5	5	ug/L							
Acrolein	<5	5	ug/L							
Acrylonitrile	<50	50	ug/L							
Benzene	<10	10	ug/L							
Bromodichloromethane	<10	10	ug/L							
Bromoform	<10	10	ug/L							
Bromomethane	<5	5	ug/L							CH, IH
Carbon Tetrachloride	<2	2	ug/L							
Chlorobenzene	<10	10	ug/L							
Chloroethane	<5	5	ug/L							CH, IH
Chloroform	<10	10	ug/L							
Chloromethane	<5	5	ug/L							CH, IH
cis-1,2-Dichloroethylene	<5	5	ug/L							
cis-1,3-Dichloropropylene	<5	5	ug/L							
Chlorodibromomethane	<10	10	ug/L							
Ethylbenzene	<10	10	ug/L							
m,p-Xylenes	<5	5	ug/L							
Methylene Chloride	<20	20	ug/L							CH
Methyl-tert-Butyl Ether	<5	5	ug/L							
Naphthalene	<5	5	ug/L							CL
o-Xylene	<5	5	ug/L							
Tetrachloroethene	<10	10	ug/L							CH
Toluene	<10	10	ug/L							
trans-1,2-Dichloroethylene	<5	5	ug/L							
trans-1,3-Dichloropropylene	<5	5	ug/L							CH
Trichloroethene	<10	10	ug/L							
Trichlorofluoromethane	<5	5	ug/L							CH, IH
Vinyl chloride [Chloroethene]	<10	10	ug/L							CH, IH

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Integrity Testing
8127 Mesa Dr #C-305
Austin TX, 78759

Additional Notes:

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10/22/25 18:39
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Report No. 2510331

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	
Batch B543158 - EPA 5030B										
Blank (B543158-BLK1)				Prepared: 10/17/25 15:27 Analyzed: 10/17/25 17:44						
Total Trihalomethanes	<10	10	ug/L							
Isopropylbenzene (Cumene)	<5	5	ug/L							
Methacrylonitrile	<5	5	ug/L							
Methyl Butyl Ketone (2-Hexanone)	<5	5	ug/L							
Methyl Iodide [Iodomethane]	<5	5	ug/L							
Methyl Isobutyl Ketone [MIBK]	<5	5	ug/L							
Methyl Methacrylate	<5	5	ug/L							
Propylbenzene	<5	5	ug/L							
sec-Butylbenzene	<5	5	ug/L							
Styrene	<5	5	ug/L							
tert-Butylbenzene	<5	5	ug/L							
trans-1,4-Dichloro-2-butene	<5	5	ug/L							CH
Vinyl acetate	<2	2	ug/L							CH, IH
Surrogate: 4-Bromofluorobenzene	*43.8*		*ug/L*	*50.0*		*88*	*80-106*			
Surrogate: Dibromofluoromethane	*46.1*		*ug/L*	*50.0*		*92*	*83-118*			
Surrogate: Toluene-d8	*48.5*		*ug/L*	*50.0*		*97*	*91-109*			
LCS (B543158-BS1)				Prepared: 10/17/25 15:27 Analyzed: 10/17/25 16:18						
1,1,1-Trichloroethane	53.5	10	ug/L	50.0		107	70-130			
1,1,2,2-Tetrachloroethane	49.2	10	ug/L	50.0		98	60-140			CH
1,1,2-Trichloroethane	52.7	10	ug/L	50.0		105	70-130			
1,1-Dichloroethane	50.4	5	ug/L	50.0		101	70-130			
1,1-Dichloroethene	54.3	10	ug/L	50.0		109	50-150			
1,2-Dibromoethane	54.2	5	ug/L	50.0		108	71.6-124			
1,2-Dichlorobenzene	47.6	10	ug/L	50.0		95	65-135			
1,2-Dichloroethane	55.5	10	ug/L	50.0		111	70-130			
1,2-Dichloropropane	50.1	10	ug/L	50.0		100	35-165			
1,3-Dichlorobenzene	49.4	10	ug/L	50.0		99	70-130			
1,4-Dichlorobenzene	48.2	10	ug/L	50.0		96	65-135			
2-Chloroethyl Vinyl Ether	46.5	5	ug/L	50.0		93	1-225			
Acrolein	43.6	5	ug/L	50.0		87	60-140			
Acrylonitrile	51.1	50	ug/L	50.0		102	60-140			
Benzene	49.0	10	ug/L	50.0		98	65-135			
Bromodichloromethane	57.1	10	ug/L	50.0		114	65-135			
Bromoform	58.6	10	ug/L	50.0		117	70-130			
Bromomethane	80.1	5	ug/L	50.0		160	15-185			CH, IH

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Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	
Batch B543158 - EPA 5030B										
LCS (B543158-BS1)				Prepared: 10/17/25 15:27 Analyzed: 10/17/25 16:18						
Carbon Tetrachloride	54.2	2	ug/L	50.0		108	70-130			
Chlorobenzene	48.9	10	ug/L	50.0		98	65-135			
Chloroethane	74.5	5	ug/L	50.0		149	40-160			CH, IH
Chloroform	53.0	10	ug/L	50.0		106	70-135			
Chloromethane	106	5	ug/L	50.0		212	1-205			CH, IH L
cis-1,2-Dichloroethylene	52.4	5	ug/L	50.0		105	63.1-136			
cis-1,3-Dichloropropylene	55.2	5	ug/L	50.0		110	25-175			
Chlorodibromomethane	58.0	10	ug/L	50.0		116	70-135			
Ethylbenzene	49.5	10	ug/L	50.0		99	60-140			
m,p-Xylenes	101	5	ug/L	100		101	27.4-146			
Methylene Chloride	51.6	20	ug/L	50.0		103	60-140			CH
Methyl-tert-Butyl Ether	48.2	5	ug/L	50.0		96	16.3-183			
Naphthalene	31.1	5	ug/L	50.0		62	5.3-152			CL
o-Xylene	50.4	5	ug/L	50.0		101	64.9-129			
Tetrachloroethene	68.6	10	ug/L	50.0		137	70-130			CH L
Toluene	50.4	10	ug/L	50.0		101	70-130			
trans-1,2-Dichloroethylene	53.8	5	ug/L	50.0		108	70-130			
trans-1,3-Dichloropropylene	61.9	5	ug/L	50.0		124	50-150			CH
Trichloroethene	54.4	10	ug/L	50.0		109	65-135			
Trichlorofluoromethane	87.2	5	ug/L	50.0		174	50-150			CH, IH L
Vinyl chloride [Chloroethene]	103	10	ug/L	50.0		206	5-195			CH, IH L
Isopropylbenzene (Cumene)	51.5	5	ug/L	50.0		103	89.1-134			
Methacrylonitrile	48.1	5	ug/L	50.0		96	54.3-133			
Methyl Butyl Ketone (2-Hexanone)	40.3	5	ug/L	50.0		81	52.8-142			
Methyl Iodide [Iodomethane]	44.8	5	ug/L	50.0		90	61.4-149			
Methyl Isobutyl Ketone [MIBK]	44.7	5	ug/L	50.0		89	63.1-137			
Methyl Methacrylate	50.1	5	ug/L	50.0		100	65.4-135			
Propylbenzene	53.8	5	ug/L	50.0		108	81.3-135			
sec-Butylbenzene	54.4	5	ug/L	50.0		109	85.9-132			
Styrene	49.5	5	ug/L	50.0		99	89.9-132			
tert-Butylbenzene	52.3	5	ug/L	50.0		105	83.2-135			
trans-1,4-Dichloro-2-butene	60.8	5	ug/L	50.0		122	59.9-141			CH
Vinyl acetate	176	2	ug/L	50.0		353	25.6-169			CH, IH L
Surrogate: 4-Bromofluorobenzene	*55.7*		*ug/L*	*50.0*		*111*	*80-106*			*SurrH*
Surrogate: Dibromofluoromethane	*43.2*		*ug/L*	*50.0*		*86*	*83-118*			

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Integrity Testing
8127 Mesa Dr #C-305
Austin TX, 78759

Additional Notes:

Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
Project Number: [none]

Reported:
10/22/25 18:39
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10/16/25 10:19

Report No. 2510331

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	
Batch B543158 - EPA 5030B										
LCS (B543158-BS1)				Prepared: 10/17/25 15:27		Analyzed: 10/17/25 16:18				
Surrogate: Toluene-d8	*52.3*		*ug/L*	*50.0*		*105*	*91-109*			
LCS Dup (B543158-BSD1)				Prepared: 10/17/25 15:27		Analyzed: 10/17/25 16:46				
1,1,1-Trichloroethane	54.5	10	ug/L	50.0		109	70-130	2	36	
1,1,2,2-Tetrachloroethane	51.4	10	ug/L	50.0		103	60-140	4	61	CH
1,1,2-Trichloroethane	53.7	10	ug/L	50.0		107	70-130	2	45	
1,1-Dichloroethane	51.5	5	ug/L	50.0		103	70-130	2	40	
1,1-Dichloroethene	55.7	10	ug/L	50.0		111	50-150	3	32	
1,2-Dibromoethane	55.8	5	ug/L	50.0		112	71.6-124	3	20.3	
1,2-Dichlorobenzene	48.6	10	ug/L	50.0		97	65-135	2	57	
1,2-Dichloroethane	56.8	10	ug/L	50.0		114	70-130	2	49	
1,2-Dichloropropane	51.4	10	ug/L	50.0		103	35-165	3	55	
1,3-Dichlorobenzene	49.9	10	ug/L	50.0		100	70-130	0.9	43	
1,4-Dichlorobenzene	48.7	10	ug/L	50.0		97	65-135	1	57	
2-Chloroethyl Vinyl Ether	48.4	5	ug/L	50.0		97	1-225	4	71	
Acrolein	46.6	5	ug/L	50.0		93	60-140	7	60	
Acrylonitrile	54.2	50	ug/L	50.0		108	60-140	6	60	
Benzene	50.4	10	ug/L	50.0		101	65-135	3	61	
Bromodichloromethane	57.9	10	ug/L	50.0		116	65-135	1	56	
Bromoform	60.9	10	ug/L	50.0		122	70-130	4	42	
Bromomethane	81.9	5	ug/L	50.0		164	15-185	2	61	CH, IH
Carbon Tetrachloride	55.5	2	ug/L	50.0		111	70-130	2	41	
Chlorobenzene	49.4	10	ug/L	50.0		99	65-135	0.9	53	
Chloroethane	76.4	5	ug/L	50.0		153	40-160	3	78	CH, IH
Chloroform	54.3	10	ug/L	50.0		109	70-135	2	54	
Chloromethane	110	5	ug/L	50.0		220	1-205	4	60	CH, IH L
cis-1,2-Dichloroethylene	53.9	5	ug/L	50.0		108	63.1-136	3	23.5	
cis-1,3-Dichloropropylene	56.0	5	ug/L	50.0		112	25-175	2	58	
Chlorodibromomethane	59.4	10	ug/L	50.0		119	70-135	2	50	
Ethylbenzene	50.2	10	ug/L	50.0		100	60-140	1	63	
m,p-Xylenes	103	5	ug/L	100		103	27.4-146	2	24.5	
Methylene Chloride	52.9	20	ug/L	50.0		106	60-140	3	28	CH
Methyl-tert-Butyl Ether	50.6	5	ug/L	50.0		101	16.3-183	5	25.8	
Naphthalene	32.9	5	ug/L	50.0		66	5.3-152	6	30	CL
o-Xylene	51.6	5	ug/L	50.0		103	64.9-129	2	24.5	

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Integrity Testing
8127 Mesa Dr #C-305
Austin TX, 78759

Additional Notes:

Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
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Report No. 2510331

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	
Batch B543158 - EPA 5030B										
LCS Dup (B543158-BSD1)				Prepared: 10/17/25 15:27 Analyzed: 10/17/25 16:46						
Tetrachloroethene	68.1	10	ug/L	50.0		136	70-130	0.7	39	CH L
Toluene	51.3	10	ug/L	50.0		103	70-130	2	41	
trans-1,2-Dichloroethylene	55.3	5	ug/L	50.0		111	70-130	3	45	
trans-1,3-Dichloropropylene	62.9	5	ug/L	50.0		126	50-150	2	86	CH
Trichloroethene	55.2	10	ug/L	50.0		110	65-135	2	48	
Trichlorofluoromethane	89.0	5	ug/L	50.0		178	50-150	2	84	CH, IH L
Vinyl chloride [Chloroethene]	105	10	ug/L	50.0		210	5-195	2	66	CH, IH L
Isopropylbenzene (Cumene)	52.3	5	ug/L	50.0		105	89.1-134	2	15.5	
Methacrylonitrile	50.4	5	ug/L	50.0		101	54.3-133	5	16.1	
Methyl Butyl Ketone (2-Hexanone)	44.2	5	ug/L	50.0		88	52.8-142	9	18.5	
Methyl Iodide [Iodomethane]	46.0	5	ug/L	50.0		92	61.4-149	3	15.7	
Methyl Isobutyl Ketone [MIBK]	46.7	5	ug/L	50.0		93	63.1-137	4	16.9	
Methyl Methacrylate	51.6	5	ug/L	50.0		103	65.4-135	3	16.6	
Propylbenzene	55.0	5	ug/L	50.0		110	81.3-135	2	17.4	
sec-Butylbenzene	56.1	5	ug/L	50.0		112	85.9-132	3	17.2	
Styrene	50.4	5	ug/L	50.0		101	89.9-132	2	14.6	
tert-Butylbenzene	53.9	5	ug/L	50.0		108	83.2-135	3	16.3	
trans-1,4-Dichloro-2-butene	62.3	5	ug/L	50.0		125	59.9-141	2	26	CH
Vinyl acetate	184	2	ug/L	50.0		368	25.6-169	4	18	CH, IH L
Surrogate: 4-Bromofluorobenzene	*56.4*		*ug/L*	*50.0*		*113*	*80-106*			*SurrH*
Surrogate: Dibromofluoromethane	*43.8*		*ug/L*	*50.0*		*88*	*83-118*			
Surrogate: Toluene-d8	*51.8*		*ug/L*	*50.0*		*104*	*91-109*			
Matrix Spike (B543158-MS1)		**Source: 2510331-01**		Prepared: 10/17/25 15:27 Analyzed: 10/17/25 20:07						
1,1,1-Trichloroethane	52.9	10	ug/L	50.0	<10	106	52-162			
1,1,2,2-Tetrachloroethane	54.9	10	ug/L	50.0	<10	110	46-157			CH
1,1,2-Trichloroethane	53.1	10	ug/L	50.0	<10	106	52-150			
1,1-Dichloroethane	49.3	5	ug/L	50.0	<5	99	59-155			
1,1-Dichloroethene	52.8	10	ug/L	50.0	<10	106	1-234			
1,2-Dibromoethane	54.2	5	ug/L	50.0	<5	108	64.7-132			
1,2-Dichlorobenzene	45.6	10	ug/L	50.0	<10	91	18-190			
1,2-Dichloroethane	55.9	10	ug/L	50.0	<10	112	49-155			
1,2-Dichloropropane	49.2	10	ug/L	50.0	<10	98	1-210			
1,3-Dichlorobenzene	46.6	10	ug/L	50.0	<10	93	59-156			
1,4-Dichlorobenzene	45.8	10	ug/L	50.0	<10	92	18-190			
2-Chloroethyl Vinyl Ether	<5	5	ug/L	50.0	<5		1-305			

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Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	
Batch B543158 - EPA 5030B										
Matrix Spike (B543158-MS1)		**Source: 2510331-01**		Prepared: 10/17/25 15:27 Analyzed: 10/17/25 20:07						
Acrolein	44.4	5	ug/L	50.0	<5	89	40-160			
Acrylonitrile	53.8	50	ug/L	50.0	<50	108	40-160			
Benzene	47.8	10	ug/L	50.0	<10	96	37-151			
Bromodichloromethane	56.2	10	ug/L	50.0	<10	112	35-155			
Bromoform	58.5	10	ug/L	50.0	<10	117	45-169			
Bromomethane	80.5	5	ug/L	50.0	<5	161	1-242			CH, IH
Carbon Tetrachloride	53.4	2	ug/L	50.0	<2	107	70-140			
Chlorobenzene	46.7	10	ug/L	50.0	<10	93	37-160			
Chloroethane	73.9	5	ug/L	50.0	<5	148	14-230			CH, IH
Chloroform	52.8	10	ug/L	50.0	<10	106	51-138			
Chloromethane	106	5	ug/L	50.0	<5	213	1-273			CH, IH
cis-1,2-Dichloroethylene	51.3	5	ug/L	50.0	<5	103	67.1-141			
cis-1,3-Dichloropropylene	52.5	5	ug/L	50.0	<5	105	1-227			
Chlorodibromomethane	57.6	10	ug/L	50.0	<10	115	53-149			
Ethylbenzene	47.6	10	ug/L	50.0	<10	95	37-162			
m,p-Xylenes	97.2	5	ug/L	100	<5	97	85.3-124			
Methylene Chloride	47.4	20	ug/L	50.0	<20	95	1-221			CH
Methyl-tert-Butyl Ether	48.2	5	ug/L	50.0	<5	96	73.7-111			
Naphthalene	31.4	5	ug/L	50.0	<5	63	51.9-173			CL
o-Xylene	49.1	5	ug/L	50.0	<5	98	78.6-123			
Tetrachloroethene	54.6	10	ug/L	50.0	<10	109	64-148			CH
Toluene	49.1	10	ug/L	50.0	<10	98	47-150			
trans-1,2-Dichloroethylene	52.7	5	ug/L	50.0	<5	105	54-156			
trans-1,3-Dichloropropylene	60.7	5	ug/L	50.0	<5	121	17-183			CH
Trichloroethene	50.6	10	ug/L	50.0	<10	101	70-157			
Trichlorofluoromethane	85.6	5	ug/L	50.0	<5	171	17-181			CH, IH
Vinyl chloride [Chloroethene]	101	10	ug/L	50.0	<10	202	1-251			CH, IH
Isopropylbenzene (Cumene)	49.3	5	ug/L	50.0	<5	99	78.8-147			
Methacrylonitrile	51.3	5	ug/L	50.0	<5	103	51.9-148			
Methyl Butyl Ketone (2-Hexanone)	45.0	5	ug/L	50.0	<5	90	48.7-153			
Methyl Iodide [Iodomethane]	42.0	5	ug/L	50.0	<5	84	41.4-157			
Methyl Isobutyl Ketone [MIBK]	49.6	5	ug/L	50.0	<5	99	51.5-157			
Methyl Methacrylate	52.5	5	ug/L	50.0	<5	105	53.4-144			
Propylbenzene	52.7	5	ug/L	50.0	<5	105	69.2-148			
sec-Butylbenzene	52.6	5	ug/L	50.0	<5	105	63.6-154			

DRAFT

Integrity Testing
8127 Mesa Dr #C-305
Austin TX, 78759

Additional Notes:

Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
Project Number: [none]

Reported:
10/22/25 18:39
Received:
10/16/25 10:19

Report No. 2510331

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	
Batch B543158 - EPA 5030B										
Matrix Spike (B543158-MS1)		**Source: 2510331-01**		Prepared: 10/17/25 15:27 Analyzed: 10/17/25 20:07						
Styrene	48.0	5	ug/L	50.0	<5	96	65.6-152			
tert-Butylbenzene	50.9	5	ug/L	50.0	<5	102	67.2-155			
trans-1,4-Dichloro-2-butene	64.6	5	ug/L	50.0	<5	129	35.9-162			CH
Vinyl acetate	199	2	ug/L	50.0	<2	399	32.2-161			CH, IH M
Surrogate: 4-Bromofluorobenzene	*57.6*		*ug/L*	*50.0*		*115*	*80-106*			*SurrH*
Surrogate: Dibromofluoromethane	*50.6*		*ug/L*	*50.0*		*101*	*83-118*			
Surrogate: Toluene-d8	*52.8*		*ug/L*	*50.0*		*106*	*91-109*			

DRAFT

Integrity Testing
8127 Mesa Dr #C-305
Austin TX, 78759

Additional Notes:

Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
Project Number: [none]

Reported:
10/22/25 18:39
Received:
10/16/25 10:19

Report No. 2510331

SAMPLE QUALIFIERS

Q	Additional Sample volumes were NOT provided to the laboratory for the analysis of an MS sample as required by EPA Method 1664.
P2	Samples received at pH<2
IH	ICV recovery is outside QC limits, the results may have a slight high bias.
D1	Dilution analysis was performed because internal standard recoveries were outside acceptable range, due to matrix interference.
CL	CCV recovery is outside QC limits, the results may have a slight low bias.
CH2	Ending CCV recovery is outside QC limits, the results may have a slight high bias.
CH1	Beginning CCV recovery is outside QC limits, the results may have a slight high bias.
CH	CCV recovery is outside QC limits, the results may have a slight high bias.

DEFINITIONS

*	TNI / NELAC accredited analyte
PQL	Practical Quantitation Limit
MCL	Maximum Contaminant Level
mg/Kg	Milligrams per Kilogram (Parts per Million)
mg/L	Milligrams per Liter (Parts per Million)
PPM	Parts per Million
L	LCS recovery is outside QC acceptance limits, the results may have a slight bias.
M	MS recovery is outside QC limits, the results may have a slight bias due to possible matrix interferences.
NR	Not Recovered due to source sample concentration exceeds spiked concentration.
RMCCL	Recommended Maximum Concentration of Contaminants Level
Surr L	Surrogate recovery is low outside QC limits.
Surr H	Surrogate recovery is high outside QC limits.
HT	Sample received past holdtime
IC	Improper Container for this analyte(s)
IP	Improper preservation for this analyte(s)
IT	Improper Temperature
V	Inssuficient Volume
B	Sample collected in Bulk
S	RPD is outside QC limits.
AB	VOA Vial contained air bubbles.
OP	ortho-Phosphate was not filtered in the field within 15minutes of collection.
CCV	Continuing Calibration Verification Standard.
ICV	Initial Calibration Verification Standard.

Test Methods followed by the laboratory are referenced in the following approved methodology, unless otherwise specified.

Standard Methods for the Examination of Water and Wastewater, 23rd Edition, 2017
Methods for Chemical Analysis of Water and Wastes, EPA 600/4-79-020, Rev. March 1983
EPA SW Test Methods for the Examination of Solid Waste, SW-846, 1996

DRAFT

Integrity Testing
8127 Mesa Dr #C-305
Austin TX, 78759

Additional Notes:

Project Manager: Chris Ewert
Project: North Cameron WTP Permit Renewal
Project Number: [none]

Reported:
10/22/25 18:39
Received:
10/16/25 10:19

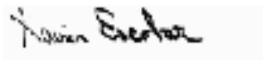
Report No. 2510331

Subcontracted Analyses

Subcontractor Lab	Lab Number	Analysis
Eurofins - Arkansas	2510331-01	TKN
Eurofins - Arkansas	2510331-01	TOC

Subcontractor Lab	Lab Number	Analysis
Eurofins - Houston	2510331-01	BisphenolA_SUB
Eurofins - Houston	2510331-01	Epichlorohydrin_SUB
Eurofins - Houston	2510331-01	Ethylene Glycol_SUB

DRAFT REPORT, DATA SUBJECT TO CHANGE For



Xavier Escobar, Business Unit Manager

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

DRAFT

CHAIN-OF-CUSTODY RECORD

SAN ANTONIO TESTING LABORATORY, LLC

SATL

1610 S. Laredo Street, San Antonio, Texas 78207
Phone (210) 229-9920
Fax (210) 229-9921
www.satestinglab.com

REPORT TO:	INVOICE TO:	P.O. #
COMPANY: Integrity Testing	COMPANY: same	REPORT NUMBER: 2510331
ADDRESS: 8127 Mesa Dr. #C-305	ADDRESS:	
CITY: Austin, TX 78759 STATE ZIP	CITY STATE ZIP	E-MAIL: cewert@austin.rr.com
ATTN: Chris Ewert 512-891-7777 PHONE #	ATTN: PHONE #	

REQUESTED TURNAROUND TIME IN BUSINESS DAYS & SURCHARGE: ☒ 7-10 Days REG (crossed out) ❑ 5 Days +25% ☒ 4 Days +50% ❑ 3 DAYS +75% ❑ 2 DAYS +100% ❑ Next Day +150% ❑ SAME DAY WHEN POSSIBLE +300%

PROJECT NAME/LOCATION/SITE: North Cameron WTP Permit Renewal

THE TURNAROUND TIME FOR SAMPLES RECEIVED AFTER 3:00 PM SHALL BEGIN AT 8:00 AM THE FOLLOWING BUSINESS DAY

SPECIAL REQ.: 3-day TAT

DATA TO TCEQ ❑ RRC ❑ Other (Specify) ☑

Field: pH:______; Temp:______ °C; LCS/D:______ | ______; Dup:______

PROJECT NO.

SAMPLE TEMPERATURE WITHIN COMPLIANCE (> 0°C ≤ 6°C) ☒ YES ❑ NO
PROPER CONTAINERS ☒ YES ❑ NO

INSUFFICIENT SAMPLE AMOUNT FOR (TCLP/SPLP/OTHER): IF NO, INITIAL HERE TO AUTHORIZE ANALYSIS ______ ❑ YES ☒ NO — AUTHORIZE TO PROCEED ______

SAMPLED BY: Alex Rodriguez

OBSERVED TEMP.: 2.9C / CORRECTED TEMP.: 2.9C / TEMP. I.R. GUN #: 4 / SAMPLE ICED ☒ YES ❑ NO

TRRP 13 ❑ APPENDIX A ❑ | LPST PCLS ❑ LOW LEVEL ❑ | PST ❑ SIM ❑ | TSDF Class 2 ❑ PERMIT ❑

ANALYSIS REQUESTED

Analysis columns: BTEX/MTBE 8260 / TPH TX1005/TX1006; Metals 8 / 11 / 12 / 13 / TCLP / SPLP / Total; PAH / SVOC / 8270 / 625 / TCLP / SPLP / Total; VOC / 8260 / 624 / TCLP / SPLP / Total; Water Quality - Drinking / Livestock / Irrigation; Coli / TC / FC / HPC / EColi / Enterococci / Q-Tray; Br / Cl / F / NO3 / NO2/O-P / SO4; PCB / 608 / 8082A; OC Pest / 608 / 8081A / TCLP / SPLP / Total; SEE ATTACHED; OIL + GREASE; AVAILABLE CYANIDE

PRESERVED WITH: ICE; HNO3; H2SO4; NaOH; HCl; OTHER; NONE; PRESERVED IN THE LAB; COMPOSITED IN THE LAB; FILTERED IN THE LAB; FILTERED IN THE FIELD

SAMPLE NUMBER	DATE	TIME	DRINKING WATER	NON-POTABLE WATER	PAINT CHIPS	OIL	ORGANIC LIQUID	SOLID/SLUDGE	WIPE	OTHER	COMPOSITE	GRAB	CORE	OTHER	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	SAMPLE AMOUNT	CONTAINER SIZE	SEE ATTACHED	OIL + GREASE	AVAILABLE CYANIDE	REMARKS
	10-15-25	930		✓							✓				24-Hr Composite	29	*		X			
	10-15-25	930		✓							✓				Grab Sample	2	**			X	X	

* 1x250mL NaOH Plastic
1x250mL HNO3 Plastic
1x500mL HCL Glass
4x1L Amber Glass
1x120mL H2SO4 Plastic
8x VOA HCL
6x VOA unp.
3x VOA pH 4-5
4x VOA amber unp.

** 1x1L H2SO4 Glass
1x250mL NaOH Plastic

RELINQUISHED BY (SIGNATURE)	DATE / TIME	RECEIVED BY (SIGNATURE)	DATE / TIME	RELINQUISHED BY (SIGNATURE)	DATE / TIME	RECEIVED BY (SIGNATURE)	DATE / TIME
[signature]	10-15-25 1:15	[signature]	10-15-25 1:15	[signature]	10-15-25 2400	[signature]	10-16-25
RELINQUISHED BY (PRINT NAME)	DATE / TIME	RECEIVED BY (PRINT NAME): Jarrod Kohl	DATE / TIME	RELINQUISHED BY (PRINT NAME): Jarrod Kohl	DATE / TIME	RECEIVED BY (PRINT NAME): Arielle Zertuche	DATE / TIME: 0910
RELINQUISHED BY (SIGNATURE)	DATE / TIME	RECEIVED BY (SIGNATURE)	DATE / TIME	METHOD OF SHIPMENT		SUBCONTRACTED ❑ YES ❑ NO	
RELINQUISHED BY (PRINT NAME)	DATE / TIME	RECEIVED BY (PRINT NAME)	DATE / TIME	BULK ❑ (Initial) 5035 ❑ N/A ❑		CUSTODY SEAL IN PLACE & INTACT ❑ YES ❑ NO	

FORM: COC REV 04/2022 WHITE - LAB CANARY - CLIENT

INDUSTRIAL WASTEWATER PERMIT APPLICATION
WORKSHEET 2.0: POLLUTANT ANALYSIS

Worksheet 2.0 **is required** for all applications submitted for a TPDES permit. Worksheet 2.0 is not required for applications for a permit to dispose of all wastewater by land disposal or for discharges solely of stormwater associated with industrial activities.

Item 1. General Testing Requirements (Instructions, Page 55)

a. Provide the date range of all sampling events conducted to obtain the analytical data submitted with this application (e.g., 05/01/2018-05/30/2018): Click to enter text.

b. ☐ Check the box to confirm all samples were collected no more than 12 months prior to the date of application submittal.

c. Read the general testing requirements in the instructions for important information about sampling, test methods, and MALs. If a contact laboratory was used, attach a list which includes the name, contact information, and pollutants analyzed for each laboratory/firm. **Attachment:** Click to enter text.

Item 2. Specific Testing Requirements (Instructions, Page 56)

Attach correspondence from TCEQ approving submittal of less than the required number of samples, if applicable. **Attachment:** Click to enter text.

TABLE 1 and TABLE 2 (Instructions, Page 58)

Completion of Tables 1 and 2 is required for all external outfalls for all TPDES permit applications.

Table 1 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	Sample 1 (mg/L)	Sample 2 (mg/L)	Sample 3 (mg/L)	Sample 4 (mg/L)
~~BOD (5-day)~~				
~~CBOD (5-day)~~				
~~Chemical oxygen demand~~				
* Total organic carbon				
~~Dissolved oxygen~~				
~~Ammonia nitrogen~~				
~~Total suspended solids~~				
~~Nitrate nitrogen~~				
* ~~Total organic nitrogen~~ TOTAL KJELDAHL NITROGEN				
~~Total phosphorus~~				
* Oil and grease GRAB SAMPLE				
~~Total residual chlorine~~				

Pollutant	Sample 1 (mg/L)	Sample 2 (mg/L)	Sample 3 (mg/L)	Sample 4 (mg/L)
~~Total dissolved solids~~				
~~Sulfate~~				
~~Chloride~~				
~~Fluoride~~				
~~Total alkalinity (mg/L as CaCO3)~~				
~~Temperature (°F)~~				
~~pH (standard units)~~				

Table 2 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	Sample 1 (µg/L)	Sample 2 (µg/L)	Sample 3 (µg/L)	Sample 4 (µg/L)	MAL (µg/L)
Aluminum, total					2.5
Antimony, total					5
Arsenic, total					0.5
Barium, total					3
Beryllium, total					0.5
Cadmium, total					1
Chromium, total					3
Chromium, hexavalent					3
Chromium, trivalent					N/A
Copper, total					2
Cyanide, available	GRAB SAMPLE				2/10
Lead, total					0.5
Mercury, total					0.005/0.0005
Nickel, total					2
Selenium, total					5
Silver, total					0.5
Thallium, total					0.5
Zinc, total					5.0

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
1,1-Dichloroethene [1,1-Dichloroethylene]					10
Dichloromethane [Methylene chloride]					20
1,2-Dichloropropane					10
1,3-Dichloropropene [1,3-Dichloropropylene]					10
2,4-Dimethylphenol					10
Di-n-Butyl phthalate					10
Epichlorohydrin (1-Chloro-2,3-epoxypropane)					---
Ethylbenzene					10
Ethylene Glycol					---
Fluoride					500
Hexachlorobenzene					5
Hexachlorobutadiene					10
Hexachlorocyclopentadiene					10
Hexachloroethane					20
4,4'-Isopropylidenediphenol (bisphenol A)					1
Methyl ethyl ketone					50
Methyl tert-butyl ether (MTBE)					---
Nitrobenzene					10
N-Nitrosodiethylamine					20
N-Nitroso-di-n-butylamine					20
Nonylphenol					333
Pentachlorobenzene					20
Pentachlorophenol					5
Phenanthrene					10
Polychlorinated biphenyls (PCBs) (**)					0.2
Pyridine					20
1,2,4,5-Tetrachlorobenzene					20
1,1,2,2-Tetrachloroethane					10
Tetrachloroethene [Tetrachloroethylene]					10

TABLE 3 (Instructions, Page 58)

Completion of Table 3 **is required** for all **external outfalls** which discharge process wastewater.

Partial completion of Table 3 **is required** for all **external outfalls** which discharge non-process wastewater and stormwater associated with industrial activities commingled with other wastestreams (see instructions for additional guidance).

Table 3 for Outfall No.: Click to enter text. **Samples are (check one): ☐ Composite ☐ Grab**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
Acrylonitrile					50
Anthracene					10
Benzene					10
Benzidine					50
Benzo(a)anthracene					5
Benzo(a)pyrene					5
Bis(2-chloroethyl)ether					10
Bis(2-ethylhexyl)phthalate					10
Bromodichloromethane [Dichlorobromomethane]					10
Bromoform					10
Carbon tetrachloride					2
Chlorobenzene					10
Chlorodibromomethane [Dibromochloromethane]					10
Chloroform					10
Chrysene					5
m-Cresol [3-Methylphenol]					10
o-Cresol [2-Methylphenol]					10
p-Cresol [4-Methylphenol]					10
1,2-Dibromoethane					10
m-Dichlorobenzene [1,3-Dichlorobenzene]					10
o-Dichlorobenzene [1,2-Dichlorobenzene]					10
p-Dichlorobenzene [1,4-Dichlorobenzene]					10
3,3'-Dichlorobenzidine					5
1,2-Dichloroethane					10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
Toluene					10
1,1,1-Trichloroethane					10
1,1,2-Trichloroethane					10
Trichloroethene [Trichloroethylene]					10
2,4,5-Trichlorophenol					50
TTHM (Total trihalomethanes)					10
Vinyl chloride					10

(*) Indicate units if different from µg/L.

(**) Total of detects for PCB-1242, PCB-1254, PCB-1221, PCB-1232, PCB-1248, PCB-1260, and PCB-1016. If all non-detects, enter the highest non-detect preceded by a "<".

Outlook

Re: COC 2510331

From Arielle Zertuche <Arielle.Zertuche@et.eurofinsus.com>
Date Fri 10/17/2025 12:09 PM
To Chris Ewert <cewert@austin.rr.com>

Understood, I will ensure the correct TAT is selected, thank you for the clarification, have a nice day

Arielle Zertuche
Eurofins Environment Testing South Central San Antonio
San Antonio Testing Laboratory
1610 S. Laredo St.
San Antonio, TX 78207
210-229-9920

From: Chris Ewert <cewert@austin.rr.com>
Sent: Friday, October 17, 2025 12:05 PM
To: Arielle Zertuche <Arielle.Zertuche@et.eurofinsus.com>
Cc: Aimee Landon <Aimee.Landon@et.eurofinsus.com>
Subject: Re: COC 2510331

You don't often get email from cewert@austin.rr.com. Learn why this is important

Unverified Sender: The sender of this email has not been verified. Review the content of the message carefully and verify the identity of the sender before acting on this email: replying, opening attachments or clicking links.

Hi Arielle,

We would like this sample reported next Wednesday 10/22. I was trying to put SATL on a 4-day TAT, to allow you to ship out the sub portion of the tests on a 3-day TAT, if they received the sample today.

Thanks,

Chris Ewert
Integrity Testing
8127 Mesa Dr. #C-305
Austin, TX 78759
(512) 891-7777
chris@integritytestingaustin.com
www.integritytestingaustin.com

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the system manager. This message contains confidential information and is intended only for

the individual named. If you are not the named addressee, you should not disseminate, distribute or copy this email. Please notify the sender immediately by email if you have received this email by mistake and delete this email from your system. If you are not the intended recipient, you are notified that disclosing, copying, distributing or taking any action in reliance on the contents of this information is strictly prohibited.

On Oct 17, 2025, at 12:02 PM, Arielle Zertuche <Arielle.Zertuche@et.eurofinsus.com> wrote:

Good Afternoon, Chris, My name is Arielle, I'm with SATL, I'm reach out regarding one of the samples with received yesterday. For the project "North Cameron WTP Permit Renewal", what TAT were you wanting? As on the request TAT portion it says 4 days, however on the special req: it says 3 days. If you can please clarify TAT, Thank you

Arielle Zertuche
Eurofins Environment Testing South Central San Antonio
San Antonio Testing Laboratory
1610 S. Laredo St.
San Antonio, TX 78207
210-229-9920

SAN ANTONIO TESTING LABORATORY

Sample Receipt Checklist

Client:	**Integrity Testing**	**Project Manager:**	**Marissa Esquivel**
Project:	**North Cameron WTP Permit Renewal**	**Project Number:**	**[none]**

Report To:

Chris Ewert

SATL Report Number: 2510331

Work Order Due by:	10/22/25 19:00 (4 day TAT)		
Received By:	Arielle Zertuche	Date Received:	10/16/25 10:19
Logged In By:	Arielle Zertuche	Date Logged In:	10/16/25 10:19

Sample(s) Received on ICE/evidence of Ice (cooler with melted ice,etc):	*Yes*
Sample temperature at receipt *:	*2.9°C*
Custody Seals Present:	*No*
All containers intact:	*Yes*
Sample labels/COC agree:	*Yes*
Samples Received within Holding time :	*Yes*
Samples appropriately preserved **:	*Yes*
Containers received broken/damaged/leaking:	*No*
Air bubbles present in VOA vials for VOC/TPH analyses, if applicable:	*Not Applicable*
TRRP 13 Reporting requested?	*No*
BacT Sample bottles filled to volume (100mL mark), if applicable:	*Not Applicable*
LCR Sample bottles filled to volume (1 Liter mark), if applicable:	*Not Applicable*
Subcontracting required for any analyses:	*No*
RUSH turnaround time requested:	*Yes*
Requested Turnaround Time:	*4 Business days*
Samples delivered via :	*Hand Delivered*
Air bill included if Samples were shipped:	*No*
Other deviations not meeting SATL sample acceptance criteria notated on CoC:	*None*

Notes:

** Samples delivered to the laboratory on the same day that they are collected may not meet thermal preservation criteria (>0°C but <6°C) but are acceptable, if they arrive on ice.*

*** If improperly preserved, notate client authorization on CoC to proceed with analysis.*

Checked By : *Arielle Zertuche* Date : *10/16/25 10:19*

SATL#FO001
Revised 09/15/2022

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Ms. Aimee Landon
Eurofins San Antonio Testing Lab
1610 S Laredo St
San Antonio, Texas 78207

Generated 10/21/2025 10:21:34 AM

JOB DESCRIPTION

Water Samples

JOB NUMBER

192-25408-1

Eurofins Arkansas
8600 Kanis Rd
Little Rock AR 72204

See page two for job notes and contact information.

Eurofins Arkansas

Job Notes

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

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

Authorization

Generated
10/21/2025 10:21:34 AM

Authorized for release by
Steve Bradford, Lab Director
steve.bradford@et.eurofinsus.com
(501)224-5060

Table of Contents

Definitions/Glossary

Client: Eurofins San Antonio Testing Lab
Project/Site: Water Samples

Job ID: 192-25408-1

Qualifiers

General Chemistry

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
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: 192-25408-1 — Eurofins Arkansas

Job Narrative
192-25408-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The sample was received on 10/17/2025 9:00 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 0.1°C.

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

Client Sample Results

Client: Eurofins San Antonio Testing Lab
Project/Site: Water Samples

Job ID: 192-25408-1

Client Sample ID: 2510331-01
Date Collected: 10/15/25 09:30
Date Received: 10/17/25 09:00

Lab Sample ID: 192-25408-1
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SM 5310 C-2014)	<0.630	U	1.00	0.630	mg/L			10/20/25 14:13	1

Method: 5310 C-2014 - Total Organic Carbon/Persulfate - Ultrav

Lab Sample ID: MB 192-40763/3
Matrix: Water
Analysis Batch: 40763

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	<0.630	U	1.00	0.630	mg/L			10/20/25 14:13	1

Lab Sample ID: LCS 192-40763/4
Matrix: Water
Analysis Batch: 40763

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Organic Carbon			10.0	9.718		mg/L		97	80 - 120		

Lab Sample ID: 192-25447-G-3 MS
Matrix: Water
Analysis Batch: 40763

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Organic Carbon	1.75		10.0	12.27		mg/L		105	80 - 120		

Lab Sample ID: 192-25447-G-3 MSD
Matrix: Water
Analysis Batch: 40763

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Organic Carbon	1.75		10.0	12.14		mg/L		104	80 - 120	1	25

QC Association Summary

Client: Eurofins San Antonio Testing Lab
Project/Site: Water Samples

Job ID: 192-25408-1

General Chemistry

Analysis Batch: 40763

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
192-25408-1	2510331-01	Total/NA	Water	5310 C-2014	
MB 192-40763/3	Method Blank	Total/NA	Water	5310 C-2014	
LCS 192-40763/4	Lab Control Sample	Total/NA	Water	5310 C-2014	
192-25447-G-3 MS	Matrix Spike	Total/NA	Water	5310 C-2014	
192-25447-G-3 MSD	Matrix Spike Duplicate	Total/NA	Water	5310 C-2014	

Lab Chronicle

Client: Eurofins San Antonio Testing Lab
Project/Site: Water Samples

Job ID: 192-25408-1

Client Sample ID: 2510331-01

Date Collected: 10/15/25 09:30
Date Received: 10/17/25 09:00

Lab Sample ID: 192-25408-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	5310 C-2014		1	40763	FOR	EET ARK	10/20/25 14:13

Laboratory References:

EET ARK = Eurofins Arkansas, 8600 Kanis Rd, Little Rock, AR 72204, TEL (501)224-5060

Accreditation/Certification Summary

Client: Eurofins San Antonio Testing Lab
Job ID: 192-25408-1
Project/Site: Water Samples

Laboratory: Eurofins Arkansas

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

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	60-00889	03-02-26

Method Summary

Client: Eurofins San Antonio Testing Lab
Project/Site: Water Samples

Job ID: 192-25408-1

Method	Method Description	Protocol	Laboratory
5310 C-2014	Total Organic Carbon/Persulfate - Ultrav	SM	EET ARK

Protocol References:

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

Laboratory References:

EET ARK = Eurofins Arkansas, 8600 Kanis Rd, Little Rock, AR 72204, TEL (501)224-5060

Sample Summary

Client: Eurofins San Antonio Testing Lab
Project/Site: Water Samples

Job ID: 192-25408-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
192-25408-1	SAf 033f a0f	Water	10/15/25 09:30	10/17/25 09:00	Arkansas

CHAIN-OF-CUSTODY RECORD

SAN ANTONIO TESTING LABORATORY, LLC

SATL
1610 S. Laredo Street, San Antonio, Texas 78207
Phone (210) 229-9920
Fax (210) 229-9921
www.satestinglab.com

192-25408 COC

REPORT TO:	INVOICE TO:	P.O. #
COMPANY: Eurofins San Antonio Testing Lab	COMPANY: Same	REPORT NUMBER
ADDRESS: 1610 S. Laredo St.	ADDRESS	
CITY: San Antonio STATE: TX ZIP: 78207	CITY STATE	E-MAIL: Aimee.Landon@et.eurofinsus.com
ATTN: Aimee Landon PHONE #: 210-229-9920	ATTN: Elizabeth Lopez PHONE #: 210-229-9920	

REQUESTED TURNAROUND TIME IN BUSINESS DAYS & SURCHARGE: ☐ 7-10 Days REG ☐ 5 Days +25% ☐ 4 Days +50% ☐ 3 DAYS +75% ☒ 2 DAYS +100% ☐ Next Day +150% ☐ SAME DAY WHEN POSSIBLE +300%

PROJECT NAME/LOCATION/SITE

THE TURNAROUND TIME FOR SAMPLES RECEIVED AFTER 3:00 PM SHALL BEGIN AT 8:00 AM THE FOLLOWING BUSINESS DAY / SPECIAL REQ.:

DATA TO TCEQ ☐ RRC ☐ Other (Specify) ☐ Field: pH:___; Temp:___°C; LCS/D:___/___; Dup:___

PROJECT NO. SAMPLE TEMPERATURE WITHIN COMPLIANCE (> 0°C ≤ 6°C) ☐ YES ☐ NO; PROPER CONTAINERS ☐ YES ☐ NO; INSUFFICIENT SAMPLE AMOUNT FOR (TCLP/SPLP/OTHER): IF NO, INITIAL HERE TO AUTHORIZE ANALYSIS ___ ☐ YES ☐ NO AUTHORIZE TO PROCEED___

SAMPLED BY; OBSERVED TEMP. / CORRECTED TEMP. / TEMP. I.R. GUN #___ / SAMPLE ICED ☐ YES ☐ NO; TRRP 13 ☐ APPENDIX A ☐; LPST PCLS ☐ LOW LEVEL ☐; PST ☐ SIM ☐; TSDF Class 2 ☐ PERMIT ☐

ANALYSIS REQUESTED

Columns: SAMPLE NUMBER; COLLECTED DATE; TIME; DRINKING WATER; NON-POTABLE WATER; PAINT CHIPS; OIL; ORGANIC LIQUID; SOLID/SLUDGE; WIPE; OTHER; COMPOSITE; GRAB; COLOR; OTHER; SAMPLE IDENTIFICATION; NUMBER OF CONTAINERS; SAMPLE AMOUNT; CONTAINER SIZE; BTEX/MTBE 8260 / TPH TX1005/TX1006; Metals 8 / 11 / 12 / 13 / TCLP / SPLP / Total; PAH / SVOC / 8270 / 625 / TCLP / SPLP / Total; VOC / 8260 / 624 / TCLP / SPLP / Total; Water Quality - Drinking / Livestock / Irrigation; Coli / TC / FC / HPC / EColi / Enterococci / Q-Tray; Br / Cl / F / NO3 / NO2/O-P / SO4; PCB / 608 / 8082A; OC Pest / 608 / 8081A / TCLP / SPLP / Total; TOC; PRESERVED WITH: ICE, HCl, H2SO4, HNO3, NaOH, NONE; PRESERVED IN THE LAB; COMPOSITED IN THE LAB; FILTERED IN THE LAB; FILTERED IN THE FIELD; REMARKS

SAMPLE NUMBER	DATE	TIME	NON-POTABLE WATER	COMPOSITE	SAMPLE IDENTIFICATION	TOC	REMARKS
1	10-15-25	0930	X	X	2510331-01 (24hr composite)	X	0.1°C

RELINQUISHED BY (SIGNATURE)	DATE / TIME	RECEIVED BY (SIGNATURE)	DATE / TIME	RELINQUISHED BY (SIGNATURE)	DATE / TIME	RECEIVED BY (SIGNATURE)	DATE / TIME
[signature]	10-16-25	[signature]	10-17-25				
RELINQUISHED BY (PRINT NAME): Arlene Zertuche	1530	RECEIVED BY (PRINT NAME): Matthew Vang	0930	RELINQUISHED BY (PRINT NAME)		RECEIVED BY (PRINT NAME)	
RELINQUISHED BY (SIGNATURE)	DATE / TIME	RECEIVED BY (SIGNATURE)	DATE / TIME	METHOD OF SHIPMENT		SUBCONTRACTED ☐ YES ☐ NO	
RELINQUISHED BY (PRINT NAME)	DATE / TIME	RECEIVED BY (PRINT NAME)	DATE / TIME	BULK ☐ (Initial) 5035 ☐ N/A ☐		CUSTODY SEAL IN PLACE & INTACT ☐ YES ☐ NO	

FORM: COC REV 04/2022 8832 4611 3170 WHITE - LAB CANARY - CLIENT

Login Sample Receipt Checklist

Client: Eurofins San Antonio Testing Lab

Job Number: 192-25408-1

Login Number: 25408
List Number: 1
Creator: Vang, Matthew

List Source: Eurofins Arkansas

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