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

Attachment G -

Plain Language Summary

Domestic Wastewater TPDES Renewal Application

Permit No. WQ0010403002

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

The City of Cuero (CN600337125) operates the City of Cuero Wastewater Treatment Facility (RN102076726), an activated sludge process plant designed to operate in either the complete mix mode or contact stabilization mode. The facility is located approximately 1.5 miles south of the intersection of Stockdale Street and Morgan Avenue on Stockdale Street in the City of Cuero, DeWitt County, Texas, 77954.

This application is for a renewal to discharge at an annual average flow of 2.o MGD of treated domestic wastewater via Outfall 001.

Discharges from the facility are expected to contain five-day biochemical oxygen demand (BOD_5), total suspended solids (TSS), and E. coli. Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7. Pollutant Analysis of Treated Effluent and Domestic Worksheet 4.0 in the permit application package. Domestic wastewater is treated by an activated sludge process plant and the treatment units include a bar screen, lift station, grit removal system, aeration basins, clarifiers, sludge thickener, aerobic digester, sludge dewatering belt press, sludge drying beds, chlorine contact chamber and a dechlorination chamber.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

PERMIT NO. WQ0010403002

APPLICATION. City of Cuero, P.O. Box 660, Cuero, Texas 77954, has applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0010403002 (EPA I.D. No. TX0024244) to authorize the discharge of treated wastewater at a volume not to exceed an annual average flow of 2,000,000 gallons per day. The domestic wastewater treatment facility is located approximately 1.5 miles south of the intersection of Morgan Avenue and Stockdale Street, near the City of Cuero, in Dewitt County, Texas 77954. The discharge route is from the plant site to Gohlke Creek; thence to Guadalupe River below San Marcos River. TCEQ received this application on September 11, 2024. The permit application will be available for viewing and copying at Cuero City Hall, 212 East Main Street, Cuero, in Dewitt County, Texas prior to the date this notice is published in the newspaper. The application, including any updates, and associated notices are available electronically at the following webpage: https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application. https://gisweb.tceq.texas.gov/LocationMapper/?marker=-97.291441,29.069297&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 City of Cuero at the address stated above or by calling Mr. Wayne Berger, City Manager, at 361-275-8716.

Issuance Date: October 2, 2024

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 600337125		**RN 102076726**

SECTION II: Customer Information

4. General Customer Information | **5. Effective Date for Customer Information Updates** (mm/dd/yyyy) 08/01/2024

☐ 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)* *If new Customer, enter previous Customer below:*

City of Cuero

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

11. Type of Customer:

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

12. Number of Employees

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

13. Independently Owned and Operated?

☒ **Yes** ☐ **No**

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

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

15. Mailing Address:

City of Cuero
P.O. Box 660

City	Cuero	**State**	TX	**ZIP**	77954	**ZIP + 4**	

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

18. Telephone Number	**19. Extension or Code**	**20. Fax Number** *(if applicable)*

(361) 275-8716	N/A	( ) -N/A

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.)*

City of Cuero Wastewater Treatment Facility

23. Street Address of the Regulated Entity: ***(No PO Boxes)***								
	City		**State**		**ZIP**		**ZIP + 4**	
24. County	DeWitt							

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

25. Description to Physical Location:	Approximately 1.5 miles south of the intersection of Stockdale Street and Morgan Avenue on Stockdale Street.				
26. Nearest City			**State**	**Nearest ZIP Code**	
Cuero			TX	77954	

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:	29.069406		**28. Longitude (W) In Decimal:**	(-)97.291685	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
29	04	10	97	17	30

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)

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

Wastewater Treatment

34. Mailing Address:	**City of Cuero**							
	P.O. Box 660							
	City	**Cuero**	**State**	**TX**	**ZIP**	**77954**	**ZIP + 4**	
35. E-Mail Address:	**citymanager@cityofcuero.com**							

36. Telephone Number	**37. Extension or Code**	**38. Fax Number** *(if applicable)*
(361) 275-8716	**N/A**	**( ) -N/A**

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:

SECTION IV: Preparer Information

40. Name:	Brian Wik, P.E.	**41. Title:**	Engineer

42. Telephone Number	**43. Ext./Code**	**44. Fax Number**	**45. E-Mail Address**
(361) 339-2085	N/A	( ) -N/A	bwik@dccm.com

SECTION V: Authorized Signature

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

Company:	City of Cuero	**Job Title:**	City Manager	
Name *(In Print):*	Wayne Berger		**Phone:**	(361) 275- **8716**
Signature:	Wayne Berger		**Date:**	9-9-2024

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST

Complete and submit this checklist with the application.

APPLICANT NAME: City of Cuero

PERMIT NUMBER (If new, leave blank): WQ00 10403002

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

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

For TCEQ Use Only

Segment Number _____County _____
Expiration Date _____Region_____
Permit Number _____

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

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

Section 1. Application Fees (Instructions Page 26)

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

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

Minor Amendment (for any flow) $150.00 ☐

Payment Information:

Mailed — Check/Money Order Number: See Attachment B

Check/Money Order Amount: $2,015.00

Name Printed on Check: City of Cuero

EPAY — Voucher Number:

Copy of Payment Voucher enclosed? Yes ☐

Section 2. Type of Application (Instructions Page 26)

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

☒ Publicly-Owned Domestic Wastewater

☐ Privately-Owned Domestic Wastewater

☐ Conventional Wastewater Treatment

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

☒ Active ☐ Inactive

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

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

d. Check the box next to the appropriate application type

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

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

f. **For existing permits**:

Permit Number: WQ00 10403002

EPA I.D. (TPDES only): TX 0024244

Expiration Date: 03/12/2025

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

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

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

City of Cuero

(The legal name must be spelled exactly as filed with the Texas Secretary of State, County, or in the legal documents forming the entity.)

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

CN: 600337125

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

Prefix: Mr. Last Name, First Name: Berger, Wayne

Title: City Manager Credential:

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

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

N/A

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

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

CN:

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

Prefix: Last Name, First Name:

Title: Credential:

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

C. Core Data Form

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

Section 4. Application Contact Information (Instructions Page 27)

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

A. Prefix: Mr. Last Name, First Name: Berger, Wayne

Title: City Manager Credential:

Organization Name: City of Cuero

Mailing Address: P. O. Box 660 City, State, Zip Code: Cuero, TX 77954

Phone No.: 361-275-8716 E-mail Address: citymanager@cityofcuero.com

Check one or both: ☒ Administrative Contact ☒ Technical Contact

B. Prefix: Mr. Last Name, First Name: Wik, Brian

Title: Engineer Credential: P. E.

Organization Name: Urban Engineering, LLC

Mailing Address: 2725 Swantner Drive City, State, Zip Code: Corpus Christi, TX 78404

Phone No.: 361-339-2085 E-mail Address: bwik@dccm.com

Check one or both: ☒ Administrative Contact ☒ Technical Contact

Section 5. Permit Contact Information (Instructions Page 27)

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

A. Prefix: Mr. Last Name, First Name: Berger, Wayne

Title: City Manager Credential:

Organization Name: City of Cuero

Mailing Address: P. O. Box 660 City, State, Zip Code: Cuero, TX 77954

Phone No.: 361-275-8716 E-mail Address: citymanager@cityofcuero.com

B. Prefix: Mr. Last Name, First Name: Shock, Gary

Title: WWTP Operator Credential:

Organization Name: City of Cuero

Mailing Address: P. O. Box 660 City, State, Zip Code: Cuero, TX 77954

Phone No.: 361-524-0202 E-mail Address: gshock@cityofcuero.com

Section 6. Billing Contact Information (Instructions Page 27)

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

Prefix: Mr. Last Name, First Name: Berger, Wayne

Title: City Manager Credential:

Organization Name: City of Cuero

Mailing Address: P. O. Box 660 City, State, Zip Code: Cuero, TX 77954

Phone No.: 361-275-8716 E-mail Address: citymanager@cityofcuero.com

Section 7. DMR/MER Contact Information (Instructions Page 27)

Provide the name and complete mailing address of the person delegated to receive and submit Discharge Monitoring Reports (DMR) (EPA 3320-1) or maintain Monthly Effluent Reports (MER).

Prefix: Mr. Last Name, First Name: Berger, Wayne

Title: City Manager Credential:

Organization Name: City of Cuero

Mailing Address: P. O. Box 660 City, State, Zip Code: Cuero, TX 77954

Phone No.: 361-275-8716 E-mail Address: citymanager@cityofcuero.com

Section 8. Public Notice Information (Instructions Page 27)

A. Individual Publishing the Notices

Prefix: Mr. Last Name, First Name: Berger, Wayne

Title: City Manager Credential:

Organization Name: City of Cuero

Mailing Address: P. O. Box 660 City, State, Zip Code: Cuero, TX 77954

Phone No.: 361-275-8716 E-mail Address: citymanager@cityofcuero.com

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

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

☐ E-mail Address

☐ Fax

☒ Regular Mail

C. Contact permit to be listed in the Notices

Prefix: Mr. Last Name, First Name: Berger, Wayne

Title: City Manager Credential:

Organization Name: City of Cuero

Mailing Address: P. O. Box 660 City, State, Zip Code: Cuero, TX 77954

Phone No.: 361-275-8716 E-mail Address: citymanager@cityofcuero.com

D. Public Viewing Information

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

Public building name: Cuero City Hall

Location within the building: Front Desk

Physical Address of Building: 212 E. Main Street

City: Cuero County: DeWitt

Contact (Last Name, First Name): Berger, Wayne

Phone No.: 361-275-8716 Ext.:

E. Bilingual Notice Requirements

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

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

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

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

   ☐ Yes ☒ No

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

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

   ☐ Yes ☐ No

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

   ☐ Yes ☐ No

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

   ☐ Yes ☐ No

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

F. Plain Language Summary Template

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

Attachment: Attachment G

G. Public Involvement Plan Form

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

Attachment: N/A

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

A. If the site is currently regulated by TCEQ, provide the Regulated Entity Number (RN) issued to this site. **RN** 102076726

Search the TCEQ's Central Registry at http://www15.tceq.texas.gov/crpub/ to determine if the site is currently regulated by TCEQ.

B. Name of project or site (the name known by the community where located):

City of Cuero Wastewater Treatment Facility

C. Owner of treatment facility: City of Cuero

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

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

Prefix: Last Name, First Name:

Title: Credential:

Organization Name: City of Cuero

Mailing Address: P.O. Box 660 City, State, Zip Code: Cuero, TX 77954

Phone No.: 361-275-8716 E-mail Address: citymanager@cityofcuero.com

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

Attachment:

E. Owner of effluent disposal site:

Prefix: N/A Last Name, First Name:

Title: Credential:

Organization Name:

Mailing Address: City, State, Zip Code:

Phone No.: E-mail Address:

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

Attachment:

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

Prefix: N/A Last Name, First Name:

Title: Credential:

Organization Name:

Mailing Address: City, State, Zip Code:

Phone No.: E-mail Address:

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

Attachment:

Section 10. TPDES Discharge Information (Instructions Page 31)

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

☒ Yes ☐ No

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

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

☒ Yes ☐ No

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

City nearest the outfall(s): Cuero

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

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

☐ Yes ☒ No

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

☐ Authorization granted ☐ Authorization pending

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

Attachment:

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

Section 11. TLAP Disposal Information (Instructions Page 32)

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

☐ Yes ☐ No

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

B. City nearest the disposal site:

C. County in which the disposal site is located:

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

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

Section 12. Miscellaneous Information (Instructions Page 32)

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

☐ Yes ☒ No

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

☐ Yes ☐ No ☒ Not Applicable

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

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

☐ Yes ☒ No

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

D. Do you owe any fees to the TCEQ?

☐ Yes ☒ No

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

Account number:

Amount past due:

E. Do you owe any penalties to the TCEQ?

☐ Yes ☒ No

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

Enforcement order number:

Amount past due:

Section 13. Attachments (Instructions Page 33)

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

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

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

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

☐ Attachment 1 for Individuals as co-applicants

☐ Other Attachments. Please specify:

Section 14. Signature Page (Instructions Page 34)

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

Permit Number: WQ0010403002

Applicant: City of Cuero

Certification:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

I further certify that I am authorized under 30 Texas Administrative Code § 305.44 to sign and submit this document, and can provide documentation in proof of such authorization upon request.

Signatory name (typed or printed): Wayne Berger

Signatory title: City Manager

Signature: Wayne Berger Date: 9-9-2024

(Use blue ink)

Subscribed and Sworn to before me by the said WAYNE BERGER

on this 9th day of September, 2024.

My commission expires on the 14th day of July, 2027.

Rhonda G. Stastny

Notary Public

RHONDA G. STASTNY
Notary Public, State of Texas
Comm. Expires 07-14-2027
Notary ID 5141633

[SEAL]

DeWitt

County, Texas

DOMESTIC WASTEWATER PERMIT APPLICATION

SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

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

Attachment: Attachment H

WATER QUALITY PERMIT

PAYMENT SUBMITTAL FORM

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

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

Mail this form and the check or money order to:

BY REGULAR U.S. MAIL

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

BY OVERNIGHT/EXPRESS MAIL

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

Fee Code: WQP **Waste Permit No:** WQ0010403002

1. Check or Money Order Number: 133277
2. Check or Money Order Amount: 2,015.00
3. Date of Check or Money Order: 09/04/2024
4. Name on Check or Money Order:City of Cuero
5. APPLICATION INFORMATION

   Name of Project or Site: City of Cuero Wastewater Treatment Facility

   Physical Address of Project or Site: 1925 Stockdale Street

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

Staple Check or Money Order in This Space

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST OF COMMON DEFICIENCIES

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

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

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

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

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

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

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

Things to Know:

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

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

Landowners Labels or USB Drive attached ☒ N/A ☐ Yes
(See instructions for landowner requirements)

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

Plain Language Summary ☒ Yes

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.0

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

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

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

A. Existing/Interim I Phase

Design Flow (MGD): 2.0

2-Hr Peak Flow (MGD): 6.0

Estimated construction start date:

Estimated waste disposal start date:

B. Interim II Phase

Design Flow (MGD):

2-Hr Peak Flow (MGD):

Estimated construction start date:

Estimated waste disposal start date:

C. Final Phase

Design Flow (MGD):

2-Hr Peak Flow (MGD):

Estimated construction start date:

Estimated waste disposal start date:

D. Current Operating Phase

Provide the startup date of the facility: April 2016

Section 2. Treatment Process (Instructions Page 43)

A. Current Operating Phase

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

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

See Attachment C

B. Treatment Units

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

Table 1.0(1) - Treatment Units

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

C. Process Flow Diagram

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

Attachment: See Attachment E

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

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

- Latitude: 29.068566
- Longitude: (-)97.291423

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

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

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

- The boundaries of the treatment facility;
- The boundaries of the area served by the treatment facility;
- If land disposal of effluent, the boundaries of the disposal site and all storage/holding ponds; and
- If sludge disposal is authorized in the permit, the boundaries of the land application or disposal site.

Attachment: See Attachment F

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

Cuero, TX

Collection System Information **for wastewater TPDES permits only**: Provide information for each **uniquely owned** collection system, existing and new, served by this facility, including satellite collection systems. **Please see the instructions for a detailed explanation and examples.**

Collection System Information

Collection System Name	Owner Name	Owner Type	Population Served

Section 4. Unbuilt Phases (Instructions Page 45)

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

Section 5. Closure Plans (Instructions Page 45)

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

Section 6. Permit Specific Requirements (Instructions Page 45)

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

A. Summary transmittal

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

☒ Yes ☐ No

If yes, provide the date(s) of approval for each phase: 2001 and 2012

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

B. Buffer zones

Have the buffer zone requirements been met?

☒ Yes ☐ No

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

C. Other actions required by the current permit

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

☐ Yes ☒ No

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

D. Grit and grease treatment

1. Acceptance of grit and grease waste

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

☐ Yes ☒ No

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

2. Grit and grease processing

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

3. Grit disposal

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

☐ Yes ☐ No

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

Describe the method of grit disposal.

4. *Grease and decanted liquid disposal*

Note: A registration or permit is required for grease disposal. Grease shall not be combined with treatment plant sludge. For more information, contact the TCEQ Municipal Solid Waste team at 512-239-2335.

Describe how the decant and grease are treated and disposed of after grit separation.

E. Stormwater management

1. *Applicability*

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

☒ Yes ☐ No

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

☐ Yes ☒ No

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

2. *MSGP coverage*

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

☒ Yes ☐ No

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

TXR05 AO68 or TXRNE

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

☐ Yes ☐ No

3. *Conditional exclusion*

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

☐ Yes ☐ No

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

4. ***Existing coverage in individual permit***

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

☐ Yes ☐ No

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

5. ***Zero stormwater discharge***

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

☐ Yes ☒ No

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

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

6. ***Request for coverage in individual permit***

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

☐ Yes ☐ No

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

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

F. Discharges to the Lake Houston Watershed

Does the facility discharge in the Lake Houston watershed?

☐ Yes ☒ No

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

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

1. Acceptance of sludge from other WWTPs

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

☐ Yes ☒ No

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

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

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

2. Acceptance of septic waste

Is the facility accepting or will it accept septic waste?

☐ Yes ☒ No

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

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

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

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

☐ Yes ☒ No

If yes, provide the date that the plant started accepting the waste, an estimate how much waste is accepted on a monthly basis (gallons or millions of gallons), a description of the entities generating the waste, and any distinguishing chemical or other physical characteristic of the waste. Also note if this information has or has not changed since the last permit action.

Section 7. Pollutant Analysis of Treated Effluent (Instructions Page 50)

Is the facility in operation?

☒ Yes ☐ No

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

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

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

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

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
$CBOD_5$, mg/l	3.3	3.3	1	Grab	8-7-24/0916
Total Suspended Solids, mg/l	4.8	4.8	1	Grab	8-7-24/0916
Ammonia Nitrogen, mg/l	0.50	0.50	1	Grab	8-7-24/0916
Nitrate Nitrogen, mg/l	5.60	5.60	1	Grab	8-7-24/0916

Total Kjeldahl Nitrogen, mg/l	2.03	2.03	1	Grab	8-7-24/0916
Sulfate, mg/l	56.6	56.6	1	Grab	8-7-24/0916
Chloride, mg/l	200	200	1	Grab	8-7-24/0916
Total Phosphorus, mg/l	2.11	2.11	1	Grab	8-7-24/0916
pH, standard units	7.6	7.6	1	Grab	8-7-24/0916
Dissolved Oxygen*, mg/l	6.9	6.9	1	Grab	8-7-24/0916
Chlorine Residual, mg/l	1.04	1.04	1	Grab	8-7-24/0916
E.coli (CFU/100ml) freshwater					
Entercocci (CFU/100ml) saltwater	N/A	N/A	N/A	N/A	N/A
Total Dissolved Solids, mg/l	820	820	1	Grab	8-7-24/0916
Electrical Conductivity, µmohs/cm, †	1310	1310	1	Grab	8-7-24/0916
Oil & Grease, mg/l	<5.0	<5.0	1	Grab	8-7-24/0916
Alkalinity ($CaCO_3$)*, mg/l	330	330	1	Grab	8-7-24/0916

*TPDES permits only
†TLAP permits only

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

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

Section 8. Facility Operator (Instructions Page 50)

Facility Operator Name: Gary Shock

Facility Operator's License Classification and Level: WW Treatment Operator Level A

Facility Operator's License Number: WW0014773

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

A. WWTP's Biosolids Management Facility Type

Check all that apply. See instructions for guidance

☒ Design flow>= 1 MGD

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

B. WWTP's Biosolids Treatment Process

Check all that apply. See instructions for guidance.

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

C. Biosolids Management

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

Management Practice	Handler or Preparer Type	Bulk or Bag Container	Amount (dry metric tons)	Pathogen Reduction Options	Vector Attraction Reduction Option
Disposal in Landfill	Off-site Third-Party Handler or Preparer	Bulk			

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

D. Disposal site

Disposal site name: Victoria Compost Facility

TCEQ permit or registration number: #42034

County where disposal site is located: Victoria

E. Transportation method

Method of transportation (truck, train, pipe, other): Roll Off Container and Truck

Name of the hauler: Texas Disposal Systems

Hauler registration number: 22419

Sludge is transported as a:

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

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

A. Beneficial use authorization

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

☐ Yes ☐ No

B. Sludge processing authorization

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

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

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

☐ Yes ☐ No

Section 11. Sewage Sludge Lagoons (Instructions Page 53)

Does this facility include sewage sludge lagoons?

☐ Yes ☒ No

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

A. Location information

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

- Original General Highway (County) Map:

  Attachment:
- USDA Natural Resources Conservation Service Soil Map:

  Attachment:
- Federal Emergency Management Map:

  Attachment:
- Site map:

  Attachment:

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

☐ Overlap a designated 100-year frequency flood plain

☐ Soils with flooding classification

☐ Overlap an unstable area

☐ Wetlands

☐ Located less than 60 meters from a fault

☐ None of the above

Attachment:

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

B. Temporary storage information

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

Nitrate Nitrogen, mg/kg:

Total Kjeldahl Nitrogen, mg/kg:

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

Phosphorus, mg/kg:

Potassium, mg/kg:

pH, standard units:

Ammonia Nitrogen mg/kg:

Arsenic:

Cadmium:

Chromium:

Copper:

Lead:

Mercury:

Molybdenum:

Nickel:

Selenium:

Zinc:

Total PCBs:

Provide the following information:

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

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

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

C. Liner information

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

☐ Yes ☐ No

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

D. Site development plan

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

Attach the following documents to the application.

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

  Attachment:
- Copy of the closure plan

  Attachment:
- Copy of deed recordation for the site

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

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

  Attachment:
- Procedures to prevent the occurrence of nuisance conditions

  Attachment:

E. Groundwater monitoring

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

☐ Yes ☐ No

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

Attachment:

Section 12. Authorizations/Compliance/Enforcement (Instructions

Page 55)

A. Additional authorizations

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

☐ Yes ☒ No

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

B. Permittee enforcement status

Is the permittee currently under enforcement for this facility?

☐ Yes ☒ No

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

☐ Yes ☒ No

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

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

A. RCRA hazardous wastes

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

☐ Yes ☒ No

B. Remediation activity wastewater

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

☐ Yes ☒ No

C. Details about wastes received

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

Attachment:

Section 14. Laboratory Accreditation (Instructions Page 56)

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

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

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

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

CERTIFICATION:

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

Printed Name: Wayne Berger

Title: City Manager

Signature: Wayne Berger

Date: 9-9-2024

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 2.0: RECEIVING WATERS

The following information is required for all TPDES permit applications.

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

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

☐ Yes ☒ No

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

Owner of the drinking water supply:

Distance and direction to the intake:

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

Attachment:

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

Does the facility discharge into tidally affected waters?

☐ Yes ☒ No

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

A. Receiving water outfall

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

B. Oyster waters

Are there oyster waters in the vicinity of the discharge?

☐ Yes ☐ No

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

C. Sea grasses

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

☐ Yes ☐ No

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

Section 3. Classified Segments (Instructions Page 64)

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

☐ Yes ☒ No

If yes, this Worksheet is complete.

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

Section 4. Description of Immediate Receiving Waters (Instructions Page 65)

Name of the immediate receiving waters: Gohlke Creek

A. Receiving water type

Identify the appropriate description of the receiving waters.

☒ Stream

☐ Freshwater Swamp or Marsh

☐ Lake or Pond

Surface area, in acres:

Average depth of the entire water body, in feet:

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

☐ Man-made Channel or Ditch

☐ Open Bay

☐ Tidal Stream, Bayou, or Marsh

☐ Other, specify:

B. Flow characteristics

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

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

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

☐ Perennial - normally flowing

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

☐ USGS flow records

☐ Historical observation by adjacent landowners

☒ Personal observation

☐ Other, specify:

C. Downstream perennial confluences

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

Guadalupe River

D. Downstream characteristics

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

☒ Yes ☐ No

If yes, discuss how.

The discharge of Gohlke Creek is to the Guadalupe River.

E. Normal dry weather characteristics

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

Upstream water levels were a trickle during observation.

Date and time of observation: 11.25.15

Was the water body influenced by stormwater runoff during observations?

☐ Yes ☒ No

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

A. Upstream influences

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

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

B. Waterbody uses

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

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

C. Waterbody aesthetics

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

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

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 4.0: POLLUTANT ANALYSIS REQUIREMENTS

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

This worksheet is not required minor amendments without renewal.

Section 1. Toxic Pollutants (Instructions Page 78)

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

Grab ☒ Composite ☐

Date and time sample(s) collected: 8-7-24 @ 0916

Table 4.0(1) – Toxics Analysis

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Acrylonitrile	<50	<50	1	50
Aldrin	<0.01	<0.01	1	0.01
Aluminum	39.9	39.9	1	2.5
Anthracene	<10	<10	1	10
Antimony	<5	<5	1	5
Arsenic	1.4	1.4	1	0.5
Barium	76.9	76.9	1	3
Benzene	<10	<10	1	10
Benzidine	<50	<50	1	50
Benzo(a)anthracene	<5	<5	1	5
Benzo(a)pyrene	<5	<5	1	5
Bis(2-chloroethyl)ether	<10	<10	1	10
Bis(2-ethylhexyl)phthalate	<10	<10	1	10
Bromodichloromethane	<10	<10	1	10
Bromoform	<10	<10	1	10
Cadmium	3.7	3.7	1	1
Carbon Tetrachloride	<2	<2	1	2
Carbaryl	<5	<5	1	5
Chlordane*	<0.2	<0.2	1	0.2
Chlorobenzene	<10	<10	1	10

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Chlorodibromomethane	<10	<10	1	10
Chloroform	22.3	22.3	1	10
Chlorpyrifos	<0.05	<0.05	1	0.05
Chromium (Total)	<3	<3	1	3
Chromium (Tri) **(*1)**	<3	<3	1	N/A
Chromium (Hex)	<3	<3	1	3
Copper	3	3	1	2
Chrysene	<5	<5	1	5
p-Chloro-m-Cresol	<10	<10	1	10
4,6-Dinitro-o-Cresol	<50	<50	1	50
p-Cresol	<10	<10	1	10
Cyanide **(*2)**	<10	<10	1	10
4,4'- DDD	<0.1	<0.1	1	0.1
4,4'- DDE	<0.1	<0.1	1	0.1
4,4'- DDT	<0.02	<0.02	1	0.02
2,4-D	<0.7	<0.7	1	0.7
Demeton (O and S)	<0.20	<0.20	1	0.20
Diazinon	<0.5	<0.5	1	0.5/0.1
1,2-Dibromoethane	<10	<10	1	10
m-Dichlorobenzene	<10	<10	1	10
o-Dichlorobenzene	<10	<10	1	10
p-Dichlorobenzene	<10	<10	1	10
3,3'-Dichlorobenzidine	<5	<5	1	5
1,2-Dichloroethane	<10	<10	1	10
1,1-Dichloroethylene	<10	<10	1	10
Dichloromethane	<20	<20	1	20
1,2-Dichloropropane	<10	<10	1	10
1,3-Dichloropropene	<10	<10	1	10
Dicofol	<1	<1	1	1
Dieldrin	<0.02	<0.02	1	0.02
2,4-Dimethylphenol	<10	<10	1	10
Di-n-Butyl Phthalate	<10	<10	1	10
Diuron	<0.09	<0.09	1	0.09

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Endosulfan I (alpha)	<0.01	<0.01	1	0.01
Endosulfan II (beta)	<0.02	<0.02	1	0.02
Endosulfan Sulfate	<0.1	<0.1	1	0.1
Endrin	<0.02	<0.02	1	0.02
Ethylbenzene	<10	<10	1	10
Fluoride	870	870	1	500
Guthion	<0.1	<0.1	1	0.1
Heptachlor	<0.01	<0.01	1	0.01
Heptachlor Epoxide	<0.01	<0.01	1	0.01
Hexachlorobenzene	<5	<5	1	5
Hexachlorobutadiene	<10	<10	1	10
Hexachlorocyclohexane (alpha)	<0.05	<0.05	1	0.05
Hexachlorocyclohexane (beta)	<0.05	<0.05	1	0.05
gamma-Hexachlorocyclohexane (Lindane)	<0.05	<0.05	1	0.05
Hexachlorocyclopentadiene	<10	<10	1	10
Hexachloroethane	<20	<20	1	20
Hexachlorophene	<10	<10	1	10
Lead	<0.5	<0.5	1	0.5
Malathion	<0.1	<0.1	1	0.1
Mercury	<0.005	<0.005	1	0.005
Methoxychlor	<2	<2	1	2
Methyl Ethyl Ketone	<50	<50	1	50
Mirex	<0.02	<0.02	1	0.02
Nickel	<2	<2	1	2
Nitrate-Nitrogen	5.60	5.60	1	100
Nitrobenzene	<10	<10	1	10
N-Nitrosodiethylamine	<20	<20	1	20
N-Nitroso-di-n-Butylamine	<20	<20	1	20
Nonylphenol	<333	<333	1	333
Parathion (ethyl)	<0.1	<0.1	1	0.1
Pentachlorobenzene	<20	<20	1	20
Pentachlorophenol	<5	<5	1	5

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Phenanthrene	<10	<10	1	10
Polychlorinated Biphenyls (PCB's) **(*3)**	<0.2	<0.2	1	0.2
Pyridine	<20	<20	1	20
Selenium	<5	<5	1	5
Silver	<0.5	<0.5	1	0.5
1,2,4,5-Tetrachlorobenzene	<20	<20	1	20
1,1,2,2-Tetrachloroethane	<10	<10	1	10
Tetrachloroethylene	<10	<10	1	10
Thallium	<0.5	<0.5	1	0.5
Toluene	<10	<10	1	10
Toxaphene	<0.3	<0.3	1	0.3
2,4,5-TP (Silvex)	<0.3	<0.3	1	0.3
Tributyltin (see instructions for explanation)	N/A	N/A	N/A	0.01
1,1,1-Trichloroethane	<10	<10	1	10
1,1,2-Trichloroethane	<10	<10	1	10
Trichloroethylene	<10	<10	1	10
2,4,5-Trichlorophenol	<50	<50	1	50
TTHM (Total Trihalomethanes)	30.7	30.7	1	10
Vinyl Chloride	<10	<10	1	10
Zinc	16.5	16.5	1	5

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

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

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

Section 2. Priority Pollutants

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

Grab ☒ Composite ☐

Date and time sample(s) collected: 8-7-2024 @ 0916

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

Pollutant	**AVG Effluent Conc. (µg/l)**	**MAX Effluent Conc. (µg/l)**	**Number of Samples**	**MAL (µg/l)**
Antimony	<5	<5	1	5
Arsenic	1.4	1.4	1	0.5
Beryllium	<0.5	<0.5	1	0.5
Cadmium	3.7	3.7	1	1
Chromium (Total)	<3	<3	1	3
Chromium (Hex)	<3	<3	1	3
Chromium (Tri) **(*1)**	<3	<3	1	N/A
Copper	3.0	3.0	1	2
Lead	<0.5	<0.5	1	0.5
Mercury	<0.005	<0.005	1	0.005
Nickel	<2	<2	1	2
Selenium	<5	<5	1	5
Silver	<0.5	<0.5	1	0.5
Thallium	<0.5	<0.5	1	0.5
Zinc	16.5	16.5	1	5
Cyanide **(*2)**	<10	<10	1	10
Phenols, Total	<10	<10	1	10

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

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

Table 4.0(2)B – Volatile Compounds

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Acrolein	<50	<50	1	50
Acrylonitrile	<50	<50	1	50
Benzene	<10	<10	1	10
Bromoform	<10	<10	1	10
Carbon Tetrachloride	<2	<2	1	2
Chlorobenzene	<10	<10	1	10
Chlorodibromomethane	<10	<10	1	10
Chloroethane	<50	<50	1	50
2-Chloroethylvinyl Ether	<10	<10	1	10
Chloroform	22.3	22.3	1	10
Dichlorobromomethane [Bromodichloromethane]	<10	<10	1	10
1,1-Dichloroethane	<10	<10	1	10
1,2-Dichloroethane	<10	<10	1	10
1,1-Dichloroethylene	<10	<10	1	10
1,2-Dichloropropane	<10	<10	1	10
1,3-Dichloropropylene [1,3-Dichloropropene]	<10	<10	1	10
1,2-Trans-Dichloroethylene	<10	<10	1	10
Ethylbenzene	<10	<10	1	10
Methyl Bromide	<50	<50	1	50
Methyl Chloride	<50	<50	1	50
Methylene Chloride	<20	<20	1	20
1,1,2,2-Tetrachloroethane	<10	<10	1	10
Tetrachloroethylene	<10	<10	1	10
Toluene	<10	<10	1	10
1,1,1-Trichloroethane	<10	<10	1	10
1,1,2-Trichloroethane	<10	<10	1	10
Trichloroethylene	<10	<10	1	10
Vinyl Chloride	<10	<10	1	10

Table 4.0(2)C – Acid Compounds

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
2-Chlorophenol	<10	<10	1	10
2,4-Dichlorophenol	<10	<10	1	10
2,4-Dimethylphenol	<10	<10	1	10
4,6-Dinitro-o-Cresol	<50	<50	1	50
2,4-Dinitrophenol	<50	<50	1	50
2-Nitrophenol	<20	<20	1	20
4-Nitrophenol	<50	<50	1	50
P-Chloro-m-Cresol	<10	<10	1	10
Pentalchlorophenol	<5	<5	1	5
Phenol	<10	<10	1	10
2,4,6-Trichlorophenol	<10	<10	1	10

Table 4.0(2)D – Base/Neutral Compounds

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

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

Table 4.0(2)E - Pesticides

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

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

Section 3. Dioxin/Furan Compounds

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

☐ 2,4,5-trichlorophenoxy acetic acid

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

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

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

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

Common Name Erbon, CASRN 136-25-4

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

Common Name Ronnel, CASRN 299-84-3

☐ 2,4,5-trichlorophenol

Common Name TCP, CASRN 95-95-4

☐ hexachlorophene

Common Name HCP, CASRN 70-30-4

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

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

☐ Yes ☐ No

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

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

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

Grab ☐ Composite ☐

Date and time sample(s) collected:

Table 4.0(2)F – Dioxin/Furan Compounds

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

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 5.0: TOXICITY TESTING REQUIREMENTS

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

This worksheet is not required minor amendments without renewal.

Section 1. Required Tests (Instructions Page 88)

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

7-day Chronic:

48-hour Acute:

Section 2. Toxicity Reduction Evaluations (TREs)

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

☐ Yes ☒ No

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

Section 3. Summary of WET Tests

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

Table 5.0(1) Summary of WET Tests

Test Date	Test Species	NOEC Survival	NOEC Sub-lethal

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 6.0: INDUSTRIAL WASTE CONTRIBUTION

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

Section 1. All POTWs (Instructions Page 89)

A. Industrial users (IUs)

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

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

Categorical IUs:

Number of IUs:

Average Daily Flows, in MGD:

Significant IUs – non-categorical:

Number of IUs:

Average Daily Flows, in MGD:

Other IUs:

Number of IUs:

Average Daily Flows, in MGD:

B. Treatment plant interference

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

☐ Yes ☒ No

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

C. Treatment plant pass through

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

☐ Yes ☒ No

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

D. Pretreatment program

Does your POTW have an approved pretreatment program?

☐ Yes ☒ No

If yes, complete Section 2 only of this Worksheet.

Is your POTW required to develop an approved pretreatment program?

☐ Yes ☒ No

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

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

E. Service Area Map

Attach a map indicating the service area of the POTW. The map should include the applicant's service area boundaries and the location of any known industrial users discharging to the POTW. Please see the instructions for guidance.

Attachment:

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

A. Substantial modifications

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

☐ Yes ☐ No

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

B. Non-substantial modifications

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

☐ Yes ☐ No

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

C. Effluent parameters above the MAL

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

Table 6.0(1) – Parameters Above the MAL

Pollutant	Concentration	MAL	Units	Date

D. Industrial user interruptions

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

☐ Yes ☐ No

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

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

A. General information

Company Name: N/A

SIC Code:

Contact name:

Address:

City, State, and Zip Code:

Telephone number:

Email address:

B. Process information

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

C. Product and service information

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

D. Flow rate information

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

Process Wastewater:

Discharge, in gallons/day:

Discharge Type: ☐ Continuous ☐ Batch ☐ Intermittent

Non-Process Wastewater:

Discharge, in gallons/day:

Discharge Type: ☐ Continuous ☐ Batch ☐ Intermittent

E. Pretreatment standards

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

Category: Subcategories:

Category:

Subcategories:

Category:

Subcategories:

Category:

Subcategories:

Category:

Subcategories:

F. Industrial user interruptions

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

☐ Yes ☒ No

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

Attachment Index

Attachment A –

USGS Map

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF TEXAS
BOARD OF WATER ENGINEERS

CUERO QUADRANGLE
TEXAS–DE WITT CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

6542 III NW (WESTHOFF)
6542 III NE (CONCRETE)
6542 II NW (EDGAR)
6542 III SW (BLACKWELL LAKE)
6542 II SW (VERHELLE)
6541 IV NW (YORKTOWN EAST)
6541 I NW (MISSION VALLEY)

97°22'30" 29°07'30" — 97°15' 29°07'30"

VALLEY VIEW SCHOOL 7.5 MI. — VALLEY VIEW SCH. 5.5 MI. — GONZALES 30 MI. HOCHHEIM 13 MI. — TERRYVILLE 9.1 MI.

KENEDY 35 MI. BROWN 10 MI. — SAN ANTONIO 81 MI. WESTHOFF 84 MI. — 13 MI. TO U.S. 87 — THOMASTON 9.3 MI. VICTORIA 29 MI.

GOLIAD 23 MI. SINTON 81 MI. — (MEYERSVILLE) 6541 IV NE — ARNECKEVILLE 0.5 MI. VICTORIA 23 MI.

2 550 000 FEET — 2 520 000 FEET — 460 000 FEET — 430 000 FEET

Lindenau — Sandies Creek — Deer Creek — Lost Creek — Oakley Pits — Gravel Pit — TV Relay Tower — Gas — Pumping Sta — BM 181 — BM 177 — BM 185 — BM 166 — BM 208 — BM 255 — BM 232 — BM 234 — BM 293 — BM 173

OLD RAILROAD GRADE — ABANDONED — SOUTHERN PACIFIC — Goliad — Creek — RIVER — GUADALUPE — Branch — Fivemile Creek — (UNDERGROUND) TELEPHONE CABLE

CUERO — WOODWORTH ST — EVERS ST — BRIDGE — PARK ST — REUSS STREET — GUESS ST — BROADWAY — STREET — ESPLANADE — HENRY — GRANT ST — MORGAN — COURTHOUSE — Burns Hospital — Hillside Cem — Evergreen Cem — High School — Historical Marker — Armory — MUNICIPAL PARK — Municipal Airport — Water — Oil — Swimming Pool — Park — Lost Creek Cem — Radio Tower (KCFH) Swimming Pool — Woodman Cem — County Cem — Clinton Sch — Antioch Ch — Gravel Pits — Oil Well — Rateliffe Sch — Westville Cem — Mc Crabb Cem — Zion Ch

CUERO WWTP FACILITY BOUNDARY

CUERO WWTP PROPERTY BOUNDARY

OUTFALL 001 POINT OF DISCHARGE

One (1) Mile Radius

Three (3) Miles Downstream

DISCHARGE ROUTE

CUERO WWTP
CUERO, TEXAS
USGS TOPOGRAPHICAL MAP
EXHIBIT A

Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

Topography from aerial photographs by photogrammetric methods
Aerial photographs taken 1958. Field check 1960

Polyconic projection. 1927 North American Datum
10,000-foot grid based on Texas coordinate system, south central zone
1000-meter Universal Transverse Mercator grid ticks, zone 14, shown in blue

Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs
This information is unchecked

Red tint indicates areas in which only landmark buildings are shown

To place on the predicted North American Datum 1983 move the projection lines 22 meters south and 26 meters east as shown by dashed corner ticks

MN — GN — 0°49' 15 MILS — 6½° 116 MILS

UTM GRID AND 1987 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

Purple tint indicates extension of urban areas

SCALE 1:24 000

1 MILE — 1000 0 1000 2000 3000 4000 5000 6000 7000 FEET — 1 .5 0 1 KILOMETER

CONTOUR INTERVAL 10 FEET
DOTTED LINES REPRESENT 5-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

TEXAS
QUADRANGLE LOCATION
2997–121

Revisions shown in purple and woodland compiled from aerial photographs taken 1981 and other source data. This information not field checked. Map edited 1987

ROAD CLASSIFICATION
Medium-duty — Light-duty — Unimproved dirt
U.S. Route — State Route
Primary highway, hard surface

CUERO, TEX.
29097–A3–TF–024

1960
PHOTOREVISED 1987
DMA 6542 III SE—SERIES V882

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1987

Attachment B –

Copy of Application Fee Check

Attachment C

A. GENERAL

The plant is a 2.0 MGD activated sludge plant designed to operate in either the complete mix mode or contact stabilization mode. All flow is delivered to the plant via the gravity collection system. Once pumped from the Plant Lift Station all main flow is by gravity until discharged.

B. BAR SCREENING

The plant has a mechanically cleaned coarse screening facility with 1/4 inch bar openings. To protect the plant lift station pumps from clogging or damage from the debris and trash in the raw influent, the bar screen facility is upstream of the Plant Lift Station.

C. PLANT LIFT STATION

The Plant Lift Station is an underground concrete structure with three submersible pumps.

D. GRIT REMOVAL

The grit removal system has a hydrodynamic vortex type separator, grit pump and grit classifier which deposit the grit into a container at ground level.

E. AERATION BASINS

There are three aeration basins. Aeration in the basins is provided by blowers and fine bubble diffusion system.

F. CLARIFIERS

There are two clarifiers with each one able to handle 75% of the peak flow. This allows for a clarifier to be taken out of service during low flow periods for maintenance, cleaning and for unforeseen circumstances.

Return Activated Sludge (RAS) and Waste Activated Sludge (WAS) pumps are located in the common sludge box between the clarifiers. RAS pumps return settled solids to Splitter Box No. 1 upstream of Aeration Basins. WAS pumps pump waste solids to the Thickener.

G. DISINFECTION

The Chlorine Contact Chamber provides 20 minute detention at peak flow. The Chlorine Contact Chamber is divided into two basins which allows one basin to be taken out of service at low flow periods and cleaned.

Chlorine gas for disinfection and sulfur dioxide gas for dechlorination is used.

The last trough of the disinfection unit contains a Parshall Flume for flow metering. The flow meter measures the plant discharge and sends a signal to the chart recorder and to the disinfection system for flow pacing (disinfection provided matches the actual amount of effluent leaving the plant).

H. SLUDGE THICKENER

The plant has a 22’ diameter sludge thickener with a bottom slope of 1.5” per linear foot.

I. AEROBIC DIGESTER

The digester is sized for at least a 15 Day detention. Air supply is provided by the blowers.

J. SOLIDS DEWATERING

Solids from the Aerobic Digester are dewatered on the 1.5 meter belt press.

K. NON-POTABLE WATER PUMPS

Centrifugal water pumps are located at the disinfection tank to provide plant wash water, make-up water for treatment processes and site irrigation.

L. EFFLUENT DISCHARGE OUTFALL

A discharge pipe transports water from the disinfection unit to Gohlke Creek.

M. PLANT OFFICE

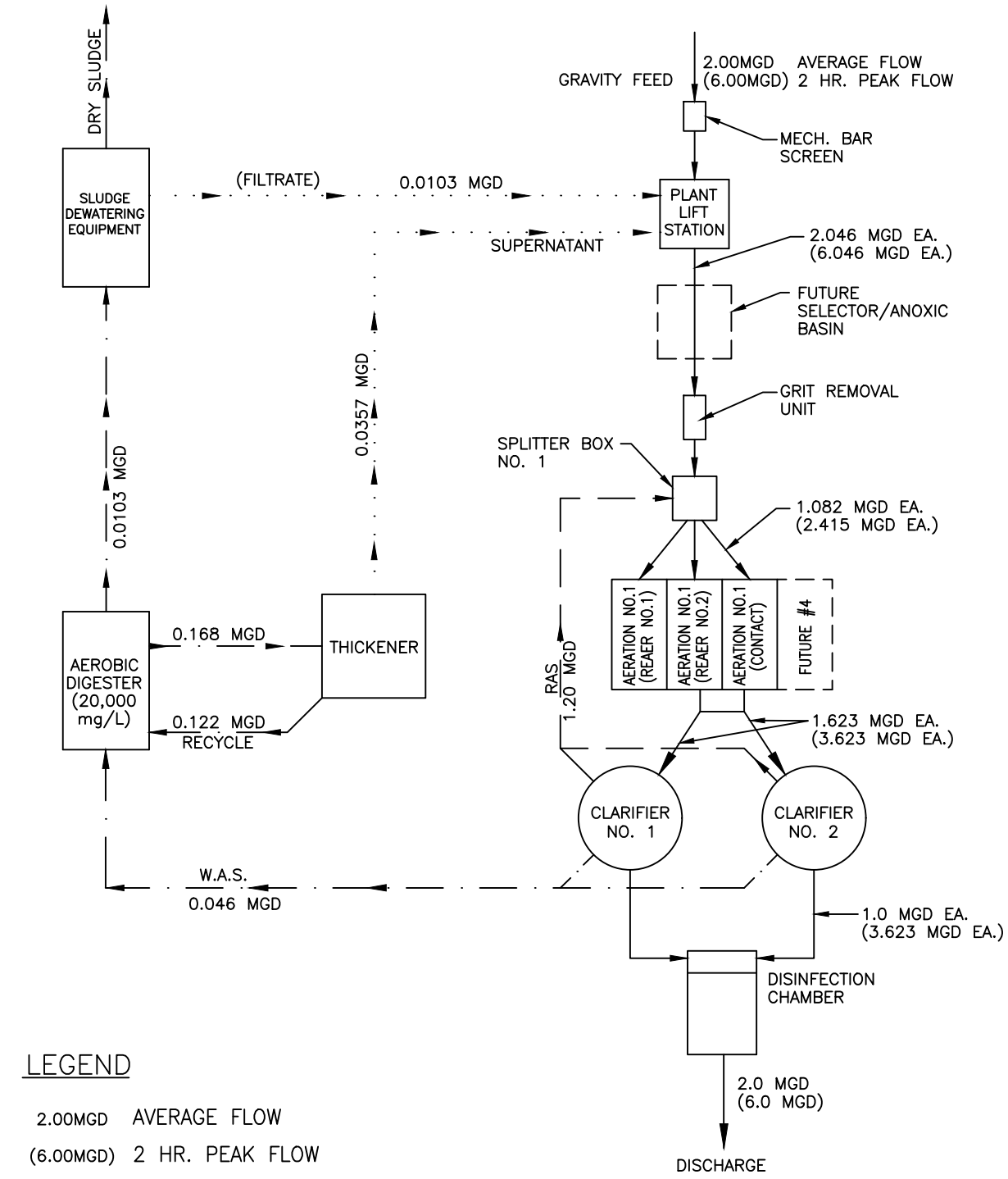
The plant office contains an office area, lab work area with sink, bathroom with shower and Motor Control Center electrical room.

Attachment D – Treatment Units

Section 2B – Table 1.0(1) Treatment Units
Domestic Technical Report 1.0

A. EXISTING TREATMENT UNITS

Treatment Units	# of Units	Dimensions (LxWxD)
Mechanical Bar Screen	2	2’ Wide x ¼” Openings
Plant Lift Station	1	14’x12’ Cross Section
Grit Removal	1	10’ Dia.
Aeration Basins	3	80’x20’x16’SWD
Clarifier	2	72’ Dia. with 11.5’ SWD
Chlorine Contact Chamber	2	42’x10’
Aerobic Digester	1	51’x102’x12’SWD
Sludge Thickener	1	52’ Dia. with 12’ SWD
Sludge Dewatering (Belt Press)	1	1.5 meter width
Sludge Drying Bed (Wedgewire Type)	4	20.5’x30.5’



LEGEND

2.00MGD AVERAGE FLOW

(6.00MGD) 2 HR. PEAK FLOW

PRIMARY FLOW ROUTE

R.A.S. FLOW

W.A.S. FLOW

SUPERNATANT

ALT. TREATMENT (COMPLETE MIX)

CUERO WWTP

CUERO, TEXAS

FLOW SCHEMATIC

SCALE: N.T.S.
DATE: 07/2019

ATTACHMENT E

S:\Projects\42000up\42106\B900 2019 Permit Renewal\Exhibits\Attachment E.dwg modified by bdw on Jul 12, 2019 - 2:57pm

Attachment F –

Site Drawing

EMERGENCY HOLDING LAGOON

TOE OF BANK

MID OF BANK

TOP OF BANK

BORE HOLE #4

MH
TR=156.26
FL=147.46

MH
TR=158.42
FL=150.12

PLUGGED

MH
TR=162.35
FL=146.85

MH
TR=159.37
FL=144.77

BORE HOLE #1

3.25'

MECH. BAR SCREEN

PLANT LIFT STATION

12.00'

R=20.00'

R=20.00'

26

25

20.00'

10.00'

12.00'

16.00'

12.00'

4.00'

R=24.00'

OFFICE AND ELECT. BUILDING

16.00'

25.00'

PIPE STORAGE

CONCRETE SLAB

Water Well
Water Tank

CONC

GRAVEL

WELL HOUSE

COVERED AREA

R=10.00'

30.00'

5.00'

TOE OF BERM

R=10.00'

R=18.00'

22.00'

TIED SIDEWALK

40.00'

14.00'

R=15.00

4.25'

FUTURE AERATION BASIN NO. 4

AERATION BASIN NO. 1

AERATION BASIN NO. 2

AERATION BASIN NO. 3

BORE HOLE #2

66.00'

BLOWER FACILITY

REAERATION BASIN

CONTACT AERATION BASIN

FINAL CLARIFIER

AEROBIC DIGESTER NO.1

AEROBIC DIGESTER NO.2

SLUDGE BELT PRESS

25.67'

R=10'

10.00'

16.00'

35.00'

11.00'

62.25'

36.00'

5.32'

CLARIFIER NO. 1

R=40.00'

BORE HOLE #3

63.50'

CHLORINE CONTACT CHAMBER

28.07'

R=60.00'

36.00'

CLARIFIER NO. 2

45°

7.00'

18.00'

10

14.00'

MH
TR=166.60
FL=160.95

R=32.00'

R=14.00'

SLUDGE DEWATERING BEDS

SLUDGE DRYING BED

SLUDGE DRYING BED

18.00'

8.00'

10.00'

15.00'

R=42.00'

R=20.00

10.00'

8.00'

CATTLE GUARD

30.00'

30.00'

98.75'

38.25'

66.82'

47.25'

℄ CLARIFIER

℄ CLARIFIER

BENCHMARK: 60d NAIL SET IN LIGHT POLE ELEVATION: 167.54 NGVD29

ENTRANCE

30 20 10 0 20 40

GRAPHIC SCALE
1"=20'

APPROVED	DESCRIPTION	REV.	BY	DATE

SCALE: AS NOTED
DRAWN: SB
CHECKED: MM
DATE: NOV., 2012

STATE OF TEXAS
MARK A. MARONEY
103015
REGISTERED
PROFESSIONAL ENGINEER
11/21/12

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY MARK A. MARONEY, P.E. TX. REG. #103015 (11/21/2012)

HORIZONTAL CONTROL LAYOUT

1.5 MGD TO 2.0 MGD EXPANSION
CUERO WASTEWATER TREATMENT PLANT
CUERO, TEXAS

URBAN ENGINEERING
CORPUS CHRISTI, TEXAS
Firm No. 145; 2725 SWANTNER CORPUS CHRISTI, TX 78404-2832
V:(361)854-3101 F:(361)854-6001 E:mail@urbaneng.com

SHEET
05
OF 82

JOB NO.
42106.B1.00

Attachment G -

Plain Language Summary

Domestic Wastewater TPDES Renewal Application

Permit No. WQ0010403002

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

The City of Cuero (CN600337125) operates the City of Cuero Wastewater Treatment Facility (RN102076726), an activated sludge process plant designed to operate in either the complete mix mode or contact stabilization mode. The facility is located approximately 1.5 miles south of the intersection of Stockdale Street and Morgan Avenue on Stockdale Street in the City of Cuero, DeWitt County, Texas, 77954.

This application is for a renewal to discharge at an annual average flow of 2.o MGD of treated domestic wastewater via Outfall 001.

Discharges from the facility are expected to contain five-day biochemical oxygen demand (BOD_5), total suspended solids (TSS), and E. coli. Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7. Pollutant Analysis of Treated Effluent and Domestic Worksheet 4.0 in the permit application package. Domestic wastewater is treated by an activated sludge process plant and the treatment units include a bar screen, lift station, grit removal system, aeration basins, clarifiers, sludge thickener, aerobic digester, sludge dewatering belt press, sludge drying beds, chlorine contact chamber and a dechlorination chamber.

Attachment H –

Supplemental Permit Information (SPIF)

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

FOR AGENCIES REVIEWING DOMESTIC OR INDUSTRIAL TPDES WASTEWATER PERMIT APPLICATIONS

TCEQ USE ONLY:

Application type: ____Renewal ____Major Amendment ____Minor Amendment ____New

County: _____ Segment Number: _____

Admin Complete Date: _____

Agency Receiving SPIF:

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

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

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

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

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

The following applies to all applications:

1. Permittee: City of Cuero

   Permit No. WQ00 10403002 EPA ID No. TX 0024244

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

   1925 Stockdale Street, Located at the south end of Stockdale Street, 1.5 miles south of the intersection of Stockdale Street and Morgan Avenue in the City of Cuero, DeWitt County, Texas.

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: Wayne Berger

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

Title: City Manager

Mailing Address: P.O. Box 660

City, State, Zip Code: Cuero, TX 77954

Phone No.: 361-275-8716 Ext.: Fax No.:

E-mail Address: citymanager@cityofcuero.com

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

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

To Gohlke Creek, thence to the Guadalupe River below the San Marcos River in Segment 1803 of the Guadalupe River Basin.

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

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

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

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

☐ Disturbance of vegetation or wetlands

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

N/A

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

N/A

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

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

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

Attachment I –

Laboratory Accreditation Certificate

Texas Commission on Environmental Quality

Certificate of Accreditation

Accreditation is hereby granted to

Envirodyne Laboratories, Inc.
11011 Brooklet Drive, Suite 230
Houston, TX 77099-3543

State Lab ID: T104704265
Effective Date: 08/09/2024
Expiration Date: 07/31/2025
Certificate ID: TX-C24-00284

Conditions of Accreditation

This laboratory has been found to conform with TCEQ rules and applicable standards for laboratory accreditation. The scope of accreditation is limited to the Fields of Accreditation (FoA) specifically listed on the subsequent page(s) of this certificate. Accreditation is for all version of a method approved per 40 CFR 136, 40 CFR 141, and/ or 40 CFR 143. Continued accreditation requires ongoing compliance with all applicable standards and requirements.

Note: For the attached FoA table, matrices may include DW (drinking water), NPW (non-potable water), S (solid and chemical materials), A (air), and/ or BT (biological tissue).

Issued By: Kelly Keel, Executive Director Texas Commission on Environmental Quality
Date Issued: 08/09/2024

Attachment J –

Effluent Test Results from Laboratory

Envirodyne Laboratories, Inc
11011 Brooklet Dr., # 230
Houston, TX 77099
281.568.7880 Phone
www.envirodyne.com

05 September 2024

Urban Engineering
Brian Wik
2725 Swantner
Corpus Christi, TX 78404

Urban Engineering - City of Cuero Permit Renewal

Enclosed are the results of analyses for samples received by the laboratory on 08-Aug-24 16:20. The analytical data provided relates only to the samples as received in this laboratory report.

ELI certifies that all results are NELAP compliant and performed in accordance with the referenced method except as noted in the Case Narrative or as noted with a qualifier. Any reproductions of this laboratory report should be in full and only with the written authorization from the client.

The total number of pages in this report is 18

Thank you for selecting ELI for your analytical needs. If you have any questions regarding this report, please contact us.

Sincerely,

Laura Bonjonia
Administrator

Certificate ID: TX-C24-00284

Envirodyne Laboratories, Inc
11011 Brooklet Dr., # 230
Houston, TX 77099
281.568.7880 Phone
www.envirodyne.com

Client:	Urban Engineering
Project:	Urban Engineering - City of Cuero Permit Renewal
Work Order:	24H0968

Reported:
05-Sep-24 16:06

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Effluent	24H0968-01	Water	07-Aug-24 09:16	08-Aug-24 16:20

Envirodyne Laboratories, Inc.

Laura Bonjonia

Laura Bonjonia, Administrator

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.

Envirodyne Laboratories, Inc
11011 Brooklet Dr., # 230
Houston, TX 77099
281.568.7880 Phone
www.envirodyne.com

Client: Urban Engineering
Project: Urban Engineering - City of Cuero Permit Renewal
Work Order: 24H0968

Reported:
05-Sep-24 16:06

Effluent

24H0968-01 (Water) Sampled: 07-Aug-24 09:16

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	Notes
Envirodyne Laboratories, Inc.										
Volatile Organic Compounds by EPA 624.1										
Dichlorodifluoromethane	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
Chloromethane	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
Vinyl Chloride	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
Bromomethane	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
Chloroethane	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
Trichlorofluoromethane	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
Acetone	<10.0	10.0	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
Acrolein	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
1,1-Dichloroethene	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
Carbon Disulfide	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
Acetonitrile	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
Methylene Chloride	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
Acrylonitrile	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
MTBE (Methyl tert-butyl ether)	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
trans-1,2-Dichloroethene	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
1,1-Dichloroethane	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
Vinyl Acetate	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
2,2-Dichloropropane	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
cis-1,2-Dichloroethene	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
Bromochloromethane	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
Chloroform	**22.3**	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
2-Butanone	<10.0	10.0	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
1,2-Dichloroethane	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
1,1,1-Trichloroethane	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
Tetrahydrofuran	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
Carbon Tetrachloride	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
1,1-Dichloropropene	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
Benzene	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
Trichloroethene	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
1,2-Dichloropropane	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	

Envirodyne Laboratories, Inc.

Laura Bonjonia

Laura Bonjonia, Administrator

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Houston, TX 77099
281.568.7880 Phone
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Client: Urban Engineering
Project: Urban Engineering - City of Cuero Permit Renewal
Work Order: 24H0968

Reported:
05-Sep-24 16:06

Effluent

24H0968-01 (Water) Sampled: 07-Aug-24 09:16

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	Notes
Envirodyne Laboratories, Inc.										
Volatile Organic Compounds by EPA 624.1										
2-Pentanone	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
Dibromomethane	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
Bromodichloromethane	**8.41**	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
2-Chloroethyl vinyl ether	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
cis-1,3-Dichloropropene	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
trans-1,3-Dichloropropene	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
1,1,2-Trichloroethane	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
Dibromochloromethane	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
1,2-Dibromoethane	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
4-Methyl-2-Pentanone	<10.0	10.0	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
Toluene	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
Tetrachloroethene	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
1,3-Dichloropropane	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
2-Hexanone	<10.0	10.0	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
Chlorobenzene	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
1,1,1,2-Tetrachloroethane	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
Ethylbenzene	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
m,p-Xylene	<10.0	10.0	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
o-Xylene	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
Styrene	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
Bromoform	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
Isopropylbenzene (Cumene)	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
1,1,2,2-Tetrachloroethane	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
1,2,3-Trichloropropane	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
Bromobenzene	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
Propylbenzene	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
2-Chlorotoluene	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
1,3,5-Trimethylbenzene	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
4-Chlorotoluene	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
tert-butyl Benzene	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	

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Client: Urban Engineering
Project: Urban Engineering - City of Cuero Permit Renewal
Work Order: 24H0968

Reported:
05-Sep-24 16:06

Effluent

24H0968-01 (Water) Sampled: 07-Aug-24 09:16

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	Notes
Envirodyne Laboratories, Inc.										
Volatile Organic Compounds by EPA 624.1										
1,2,4-Trimethylbenzene	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
sec-butyl Benzene	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
p-Isopropyltoluene	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
1,3-Dichlorobenzene	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
1,4-Dichlorobenzene	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
Benzyl Chloride	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
n-butyl Benzene	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
1,2-Dichlorobenzene	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
1,2-Dibromo-3-chloropropane	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
1,2,4-Trichlorobenzene	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
Hexachlorobutadiene	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
Naphthalene	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
1,2,3-Trichlorobenzene	<2.50	2.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
Total Trihalomethanes	**30.7**	10.0	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
Total Xylenes	<7.50	7.50	ug/L	1	B4I3494	14-Aug-24	14-Aug-24 00:00	EPA 624.1	SUB	
Surrogate: Dibromofluoromethane			*70-130*		*B4I3494*	*14-Aug-24*	*14-Aug-24 00:00*	*EPA 624.1*	SUB	
Surrogate: 1,2-Dichloroethane-d4			*70-130*		*B4I3494*	*14-Aug-24*	*14-Aug-24 00:00*	*EPA 624.1*	SUB	
Surrogate: Toluene-d8			*70-130*		*B4I3494*	*14-Aug-24*	*14-Aug-24 00:00*	*EPA 624.1*	SUB	
Surrogate: 4-Bromofluorobenzene			*70-130*		*B4I3494*	*14-Aug-24*	*14-Aug-24 00:00*	*EPA 624.1*	SUB	
Field Analysis										
Chlorine Residual, Total	**1.04**	0.01	mg/L	1	B4H4010	07-Aug-24	07-Aug-24 07:26	SM 4500-Cl G	CLT	a
Dissolved Oxygen (DO)	**6.90**		mg/L	1	B4H4010	07-Aug-24	07-Aug-24 07:26	SM4500-O C	CLT	a
pH	**7.60**		SU	1	B4H4010	07-Aug-24	07-Aug-24 07:26	SM4500H+ B	CLT	a

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Client:	Urban Engineering
Project:	Urban Engineering - City of Cuero Permit Renewal
Work Order:	24H0968

Reported:
05-Sep-24 16:06

Effluent

24H0968-01 (Water) Sampled: 07-Aug-24 09:16

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	Notes
Envirodyne Laboratories, Inc.										
Microbiology										
E.coli	<1	1	MPN/100 mL	1	B4H4365	08-Aug-24	08-Aug-24 16:39	SM9223 B	LN	H
Enterococci	**3**	1	MPN/100 mL	1	B4H4325	08-Aug-24	08-Aug-24 16:39	Enterolert	LN	H
Wet Chemistry										
Alkalinity (Total) as CaCO3	**330**	20.0	mg/L	1	B4H4400	14-Aug-24	14-Aug-24 08:30	EPA 310.2	SSJ	
Ammonia-N (NH3-N)	**0.50**	0.20	mg/L	1	B4H5190	20-Aug-24	20-Aug-24 10:55	EPA 350.1	SSJ	
BOD-5	**3.6**	2.0	mg/L	1	B4H4580	07-Aug-24	07-Aug-24 17:30	SM5210 B	AGT	I
CBOD-5	**3.3**	2.0	mg/L	1	B4H4707	08-Aug-24	08-Aug-24 18:14	SM5210 B	MS2	
Chloride	**200**	12.0	mg/L	4	B4H4817	19-Aug-24	19-Aug-24 12:00	SM4500 Cl-B	BRC	
Conductivity at 25 C	**1310**	30	umho/cm	1	B4H5646	26-Aug-24	26-Aug-24 13:10	SM2510 B	BRC	
Cyanide, Amenable	<0.005	0.005	mg/L	1	B4I3412	21-Aug-24	21-Aug-24 00:00	EPA 335.4	SUB	L
Fluoride	**0.87**	0.10	mg/L	1	B4H4532	15-Aug-24	15-Aug-24 12:09	SM 4500-F C	SKP	
Nitrate-N	**5.60**	1.00	mg/L	2	B4H4251	09-Aug-24	09-Aug-24 08:15	EPA 353.1	SSJ	
Oil & Grease	<5.0	5.0	mg/L	1	B4H5679	27-Aug-24	27-Aug-24 15:58	EPA 1664 A	MLM	
Phosphorus, Total	**2.11**	0.10	mg/L	1	B4I3158	03-Sep-24	03-Sep-24 11:18	SM4500-P E	BRC	
Sulfate	**56.6**	10.0	mg/L	5	B4H3991	09-Aug-24	09-Aug-24 09:05	EPA 375.4	SSJ	
TDS	**820**	50.0	mg/L	1	B4H4380	12-Aug-24	12-Aug-24 10:15	SM2540 C	SAS	
TKN-N	**2.03**	0.50	mg/L	1	B4H4762	23-Aug-24	23-Aug-24 00:00	SM 4500-NH3 D	SUB	L
TSS	**4.8**	2.0	mg/L	1	B4H4185	12-Aug-24	12-Aug-24 11:06	SM2540 D	JH	
Metals										
Chromium, Hexavalent	<1.0	1.0	ug/L	1	B4H4032	09-Aug-24	09-Aug-24 08:45	SM 3500-Cr B	SSJ	H
Mercury by EPA 245.1										
Mercury	<0.20	0.20	ug/L	1	B4I3413	20-Aug-24	20-Aug-24 22:46	EPA 245.1	SUB	L

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Envirodyne Laboratories, Inc.

Total Metals by ICP-MS

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	Notes
Aluminum	**39.9**	2.0	ug/L	1	B4H4483	13-Aug-24	14-Aug-24 16:21	EPA 200.8	JMM	
Antimony	<0.5	0.5	ug/L	1	B4H4483	13-Aug-24	14-Aug-24 16:21	EPA 200.8	JMM	
Arsenic	**1.4**	0.5	ug/L	1	B4H4483	13-Aug-24	15-Aug-24 17:44	EPA 200.8	JMM	
Barium	**76.9**	2.0	ug/L	1	B4H4483	13-Aug-24	14-Aug-24 16:21	EPA 200.8	JMM	
Beryllium	<0.5	0.5	ug/L	1	B4H4483	13-Aug-24	15-Aug-24 17:44	EPA 200.8	JMM	
Cadmium	**3.7**	0.50	ug/L	1	B4H4483	13-Aug-24	15-Aug-24 17:44	EPA 200.8	JMM	
Chromium	<2.0	2.0	ug/L	1	B4H4483	13-Aug-24	15-Aug-24 17:44	EPA 200.8	JMM	
Copper	**3.0**	0.5	ug/L	1	B4H4483	13-Aug-24	15-Aug-24 17:44	EPA 200.8	JMM	B
Lead	<0.5	0.5	ug/L	1	B4H4483	13-Aug-24	15-Aug-24 17:44	EPA 200.8	JMM	
Nickel	**1.2**	0.5	ug/L	1	B4H4483	13-Aug-24	15-Aug-24 17:44	EPA 200.8	JMM	
Selenium	<2.0	2.0	ug/L	1	B4H4483	13-Aug-24	15-Aug-24 17:44	EPA 200.8	JMM	
Silver	<0.5	0.5	ug/L	1	B4H4483	13-Aug-24	14-Aug-24 19:54	EPA 200.8	JMM	
Thallium	<0.5	0.5	ug/L	1	B4H4483	13-Aug-24	15-Aug-24 17:44	EPA 200.8	JMM	
Zinc	**16.5**	2.0	ug/L	1	B4H4483	13-Aug-24	15-Aug-24 17:44	EPA 200.8	JMM	B

Envirodyne Laboratories, Inc.

Laura Bonjonia

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CERTIFICATE OF ANALYSIS

CLIENT: **CITY OF CUERO PERMIT RENEWAL** (Urban Engineering)

LAB NUMBER: 24H0968-01

DATE COLLECTED: 07-Aug-24

DATE RECEIVED: 08-Aug-24

DATE COMPLETED: 19-Aug-24

SAMPLED BY: GS

LOCATION: **EFFLUENT**

PARAMETERS:

BASE/ NEUTRALS

ACENAPHTHENE (ug/l)	10.0 U	ISOPHORONE (ug/l)	10.0 U
ACENAPHTHYLENE (ug/l)	10.0 U	NAPHTHALENE (ug/l)	10.0 U
ANTHRACENE (ug/l)	10.0 U	NITROBENZENE (ug/l)	10.0 U
BENZIDINE (ug/l)	50.0 U	N-NITROSO-di-n-PROPYLAMINE (ug/l)	20.0 U
BENZO (a) ANTHRACENE (ug/l)	5.0 U	N-NITROSODIPHENYLAMINE (ug/l)	20.0 U
BENZO (a) PYRENE (ug/l)	5.0 U	N-NITROSODIMETHYLAMINE (ug/l)	50.0 U
BENZO (B) FLUORANTHENE (ug/l)	10.0 U	PHENANTHRENE (ug/l)	10.0 U
BENZO (GHI) PERYLENE (ug/l)	20.0 U	PYRENE (ug/l)	10.0 U
BENZO (k) FLUORANTHENE (ug/l)	5.0 U	1,2,4-TRICHLOROBENZENE (ug/l)	10.0 U
BIS (2-CHLOROETHYL) ETHER (ug/l)	10.0 U	1,2,4,5-TETRACHLOROBENZENE (ug/l	20.0 U
BIS (2-CHLOROETHOXY) METHANE (ug/l)	10.0 U	2, 4-DINITROTOLUENE (ug/l)	10.0 U
BIS (2-CHLOROISOPROPYL) ETHER (ug/l)	10.0 U	2, 6-DINTROTOLUENE (ug/l)	10.0 U
BIS (2-ETHYLHEXYL) PHTHALATE (ug/l)	10.0 U	2-METHYLNAPHTHALENE (ug/l)	10.0 U
4-BROMOPHENYL PHENYL ETHER (ug/l)	10.0 U	Di-n-octyl PHTHALATE (ug/l)	10.0 U
BUTYL BENZYL PHTHALATE (ug/l)	10.0 U	PYRIDINE (ug/l)	20.0 U
2-CHLORONAPHTHALENE (ug/l)	10.0 U	p-CRESOL (ug/l)	10.0 U
4-CHLOROPHENYL PHENYL ETHER (ug/l)	10.0 U		
CHRYSENE (ug/l)	5.0 U	ACID COMPOUNDS	
DIBENZO (a,h) ANTHRACENE (ug/l)	5.0 U	EFFLUENT (Cont.)	
1,2-DICHLOROBENZENE (ug/l)	10.0 U		
1,3-DICHLOROBENZENE (ug/l)	10.0 U	2-CHLOROPHENOL (ug/l)	10.0 U
(p)1,4-DICHLOROBENZENE (ug/l)	10.0 U	2,4-DICHLOROPHENOL (ug/l)	10.0 U
3,3-DICHLOROBENZIDINE (ug/l)	5.0 U	2,4-DIMETHYLPHENOL (ug/l)	10.0 U
DIETHYL PHTHALATE (ug/l)	10.0 U	4, 6-DINITRO-o-CRESOL (ug/l)	50.0 U
DIMETHYL PHTHALATE (ug/l)	10.0 U	4,6-DINITRO-2-METHYLPHENOL (ug/l)	20.0 U
DI-N-BUTYL PHTHALATE (ug/l)	10.0 U	2,4-DINITROPHENOL (ug/l)	50.0 U
DIBENZOFURAN (ug/l)	10.0 U	2-NITROPHENOL (ug/l)	20.0 U
FLUORANTHENE (ug/l)	10.0 U	4-NITROPHENOL (ug/l)	50.0 U
FLUORENE (ug/l)	10.0 U	p-CHLORO-m-CRESOL (ug/l)	10.0 U
HEXACHLOROBENZENE (ug/l)	5.0 U	2-METHYLPHENOL (ug/l)	10.0 U
HEXACHLOROBUTADIENE (ug/l)	10.0 U	PENTACHLOROPHENOL (ug/l)	5.0 U
HEXACHLOROETHANE (ug/l)	20.0 U	PHENOL (ug/l)	10.0 U
HEXACHLOROCYCLOPENTADIENE (ug/l)	10.0 U	2,4,6-TRICHLOROPHENOL (ug/l)	10.0 U
HEXACHLOROPHENE (ug/l)	10.0 U	2,4,5-TRICHLOROPHENOL (ug/l)	50.0 U
IDENO (1,2,3,cd) PYRENE (ug/l)	5.0 U	PENTACHLOROBENZENE (ug/l)	20.0 U
1,2-Diphenyl Hydrazine (ug/l)	20.0 U	4-CHLORO-3-METHYL PHENOL (ug/l)	10.0 U
N-NITROSO-di-n-BUTYLAMINE (ug/l)	20.0 U	NONYLPHENOL (ug/l)	5.0 U
N-NITROSO-DI-ETHYLAMINE (ug/l)	20.0 U		

Laura Bynum
LAB REPRESENTATIVE

Ref. EPA-625.1 (Base/Neutrals & Acids)
U - Analyte Not Detected at the listed Detection Limit
J - Analyte Present but below Detection Limit

CERTIFICATE OF ANALYSIS

CLIENT: **CITY OF CUERO PERMIT RENEWAL** (Urban Engineering)
LAB NUMBER: 24H0968-01
DATE COLLECTED: 07-Aug-24
DATE RECEIVED: 08-Aug-24
DATE COMPLETED 19-Aug-24
SAMPLED BY: GS

SAMPLE TYPE:
LOCATION: EFFLUENT EFFLUENT

PARAMETERS: PESTICIDES-PCB PESTICIDES-PCB

EPA 1657*

Guthion (Azinphos Methyl) (ug/l)	< 0.10
Chlorpyrifos (ug/l)	< 0.05
Demeton -O (ug/l)	< 0.20
Demeton -S (ug/l)	< 0.20
Diazinon (ug/l)	< 0.5
Disulfoton (ug/l)	< 0.5
EPN (ug/l)	< 0.5
Ethion (ug/l)	< 0.5
Ethyl Parathion (ug/l)	< 0.1
Malathion (ug/l)	< 0.10
Methyl Parathion (ug/l)	< 0.1
Parathion (ug/l)	< 0.10

EPA 608*

Aldrin (ug/l)	< 0.01
Alpha - BHC (ug/l) (Hexachlorocyclohexane)	< 0.05
Beta - BHC (ug/l)	< 0.05

EPA 608*

Chlordane (ug/l)	< 0.15
4-4' - DDD (ug/l)	< 0.10
4-4' - DDE (ug/l)	< 0.10
4-4' - DDT (ug/l)	< 0.02
Dieldrin (ug/l)	< 0.02
Dicofol (ug/l)	< 1.0
Endosulfan I (ug/l)	< 0.01
Endosulfan II (ug/l)	< 0.02
Endosulfan Sulfate (ug/l)	< 0.10
Endrin (ug/l)	< 0.02
Gamma-BHC (Lindane) (ug/l)	< 0.05
Heptachlor (ug/l)	< 0.01
Heptaclor Epoxide (ug/l)	< 0.01
Methoxychlor (ug/l)	< 0.20
Mirex (ug/l)	< 0.02
Total PCBs (ug/l)	< 0.2
PCB-1016 (ug/l)	< 0.2
PCB-1221 (ug/l)	< 0.2
PCB-1232 (ug/l)	< 0.2
PCB-1242 (ug/l)	< 0.2
PCB-1248 (ug/l)	< 0.2
PCB-1254 (ug/l)	< 0.2
PCB-1260 (ug/l)	< 0.2
Toxaphene (ug/l)	< 0.3
Endrin Aldehyde (ug/l)	< 0.10
Delta - BHC (ug/l)	< 0.05

EPA 632*

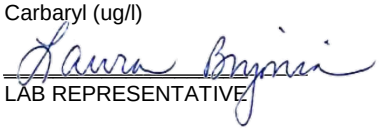
Diuron (ug/l)	<0.09

EPA 8151*

2,4-D (ug/l)	< 0.7
2,4,5-TP (Silvex) (ug/l)	< 0.3

EPA 625*

Carbaryl (ug/l)	< 5.0



LAB REPRESENTATIVE

Envirodyne Laboratories, Inc
11011 Brooklet Dr., # 230
Houston, TX 77099
281.568.7880 Phone
www.envirodyne.com

Client:	Urban Engineering
Project:	Urban Engineering - City of Cuero Permit Renewal
Work Order:	24H0968

Reported:
05-Sep-24 16:06

Microbiology - Quality Control

Envirodyne Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4H4325 - Microbiology										
Blank (B4H4325-BLK1)				Prepared & Analyzed: 08-Aug-24						
Enterococci	<1	1	MPN/100 mL							
Duplicate (B4H4325-DUP1)		**Source: 24H0980-01**		Prepared & Analyzed: 08-Aug-24						
Enterococci	<10	10	MPN/100 mL		<10			0	0.5366	
Batch B4H4365 - Microbiology										
Blank (B4H4365-BLK1)				Prepared & Analyzed: 08-Aug-24						
E.coli	<1	1	MPN/100 mL							
Duplicate (B4H4365-DUP1)		**Source: 24H0352-02**		Prepared & Analyzed: 08-Aug-24						
E.coli	2.00	2	MPN/100 mL		4.00			.3010	0.402	

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Laura Bonjonia, Administrator

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Wet Chemistry - Quality Control

Envirodyne Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4H3991 - Inorganics										
Blank (B4H3991-BLK1)				Prepared & Analyzed: 09-Aug-24						
Sulfate	<2.00	2.00	mg/L							
LCS (B4H3991-BS1)				Prepared & Analyzed: 09-Aug-24						
Sulfate	19.9		mg/L	20.0		99.4	90-110			
Matrix Spike (B4H3991-MS1)	**Source: 24H0986-01**			Prepared & Analyzed: 09-Aug-24						
Sulfate	92.1	10.0	mg/L	20.0	72.9	95.9	80-120			
Matrix Spike Dup (B4H3991-MSD1)	**Source: 24H0986-01**			Prepared & Analyzed: 09-Aug-24						
Sulfate	91.1	10.0	mg/L	20.0	72.9	90.6	80-120	1.16	20	
Batch B4H4185 - Inorganics										
Blank (B4H4185-BLK1)				Prepared & Analyzed: 12-Aug-24						
TSS	<2.0	2.0	mg/L							
LCS (B4H4185-BS1)				Prepared & Analyzed: 12-Aug-24						
TSS	118		mg/L	100		118	80-120			
Duplicate (B4H4185-DUP1)	**Source: 24H0239-01**			Prepared & Analyzed: 12-Aug-24						
TSS	3.0	2.0	mg/L		3.5			15.4	20	
Batch B4H4251 - Inorganics										
Blank (B4H4251-BLK1)				Prepared & Analyzed: 09-Aug-24						
Nitrate-N	<0.50	0.50	mg/L							

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Wet Chemistry - Quality Control

Envirodyne Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4H4251 - Inorganics										
LCS (B4H4251-BS1)				Prepared & Analyzed: 09-Aug-24						
Nitrate-N	3.09		mg/L	3.00		103	90-110			
Matrix Spike (B4H4251-MS1)		**Source: 24H0738-01**		Prepared & Analyzed: 09-Aug-24						
Nitrate-N	73.8	10.0	mg/L	60.0	15.4	97.3	80-120			
Matrix Spike Dup (B4H4251-MSD1)		**Source: 24H0738-01**		Prepared & Analyzed: 09-Aug-24						
Nitrate-N	72.8	10.0	mg/L	60.0	15.4	95.7	80-120	1.36	20	
Batch B4H4380 - Inorganics										
Blank (B4H4380-BLK1)				Prepared & Analyzed: 12-Aug-24						
TDS	<50.0	50.0	mg/L							
LCS (B4H4380-BS1)				Prepared & Analyzed: 12-Aug-24						
TDS	598		mg/L	500		120	0-200			
Duplicate (B4H4380-DUP1)		**Source: 24H0280-02**		Prepared & Analyzed: 12-Aug-24						
TDS	574	50.0	mg/L		590			2.75	20	
Batch B4H4400 - Inorganics										
Blank (B4H4400-BLK1)				Prepared & Analyzed: 14-Aug-24						
Alkalinity (Total) as CaCO3	<20.0	20.0	mg/L							
LCS (B4H4400-BS1)				Prepared & Analyzed: 14-Aug-24						
Alkalinity (Total) as CaCO3	101		mg/L	100		101	90-110			

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Wet Chemistry - Quality Control

Envirodyne Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4H4400 - Inorganics										
Duplicate (B4H4400-DUP1)		**Source: 24H0085-01**		Prepared & Analyzed: 14-Aug-24						
Alkalinity (Total) as CaCO3	102	20.0	mg/L		103			0.694	20	
Batch B4H4532 - Inorganics										
Blank (B4H4532-BLK1)				Prepared & Analyzed: 15-Aug-24						
Fluoride	<0.10	0.10	mg/L							
LCS (B4H4532-BS1)				Prepared & Analyzed: 15-Aug-24						
Fluoride	0.49		mg/L	0.500		98.0	90-110			
Matrix Spike (B4H4532-MS1)		**Source: 24H0787-01**		Prepared & Analyzed: 15-Aug-24						
Fluoride	1.28	0.20	mg/L	1.00	0.25	103	80-120			
Matrix Spike Dup (B4H4532-MSD1)		**Source: 24H0787-01**		Prepared & Analyzed: 15-Aug-24						
Fluoride	1.33	0.20	mg/L	1.00	0.25	108	80-120	3.98	20	
Batch B4H4580 - Inorganics										
Blank (B4H4580-BLK1)				Prepared & Analyzed: 07-Aug-24						
BOD-5	<2.0	2.0	mg/L							
LCS (B4H4580-BS1)				Prepared & Analyzed: 07-Aug-24						
BOD-5	224		mg/L	198		113	84.6-115.4			
Duplicate (B4H4580-DUP1)		**Source: 24H0838-01**		Prepared & Analyzed: 07-Aug-24						
BOD-5	3.80	2.0	mg/L		4.00			5.13	20	I

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Wet Chemistry - Quality Control

Envirodyne Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4H4707 - Inorganics										
Blank (B4H4707-BLK1)				Prepared & Analyzed: 08-Aug-24						
CBOD-5	<2.0	2.0	mg/L							
LCS (B4H4707-BS1)				Prepared & Analyzed: 08-Aug-24						
CBOD-5	215		mg/L	198		109	84.6-115.4			
Duplicate (B4H4707-DUP1)		**Source: 24H0261-01**		Prepared & Analyzed: 08-Aug-24						
CBOD-5	6.50	2.0	mg/L		6.10			6.35	20	
Batch B4H4817 - Inorganics										
Blank (B4H4817-BLK1)				Prepared & Analyzed: 19-Aug-24						
Chloride	<3.0	3.0	mg/L							
LCS (B4H4817-BS1)				Prepared & Analyzed: 19-Aug-24						
Chloride	100		mg/L	100		100	90-110			
Matrix Spike (B4H4817-MS1)		**Source: 24H1235-01**		Prepared & Analyzed: 19-Aug-24						
Chloride	82.0	6.0	mg/L	20.0	63.0	95.0	80-120			
Matrix Spike Dup (B4H4817-MSD1)		**Source: 24H1235-01**		Prepared & Analyzed: 19-Aug-24						
Chloride	84.0	6.0	mg/L	20.0	63.0	105	80-120	2.41	20	
Batch B4H5190 - Inorganics										
Blank (B4H5190-BLK1)				Prepared & Analyzed: 20-Aug-24						
Ammonia-N (NH3-N)	<0.20	0.20	mg/L							

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Wet Chemistry - Quality Control

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4H5190 - Inorganics										
LCS (B4H5190-BS1)				Prepared & Analyzed: 20-Aug-24						
Ammonia-N (NH3-N)	1.06		mg/L	1.00		106	90-110			
Matrix Spike (B4H5190-MS1)		**Source: 24H1547-01**		Prepared & Analyzed: 20-Aug-24						
Ammonia-N (NH3-N)	1.11	0.20	mg/L	1.00	ND	111	90-110			
Matrix Spike Dup (B4H5190-MSD1)		**Source: 24H1547-01**		Prepared & Analyzed: 20-Aug-24						
Ammonia-N (NH3-N)	1.11	0.20	mg/L	1.00	ND	111	90-110	0.00	20	
Batch B4H5646 - Inorganics										
Blank (B4H5646-BLK1)				Prepared & Analyzed: 26-Aug-24						
Conductivity at 25 C	<30	30	umho/cm							
Duplicate (B4H5646-DUP1)		**Source: 24H0968-01**		Prepared & Analyzed: 26-Aug-24						
Conductivity at 25 C	1350	30	umho/cm		1310			2.41	20	
Reference (B4H5646-SRM1)				Prepared & Analyzed: 26-Aug-24						
Conductivity at 25 C	179		umho/cm	180		99.5	90-110			
Batch B4H5679 - Inorganics										
Blank (B4H5679-BLK1)				Prepared & Analyzed: 27-Aug-24						
Oil & Grease	7.30	5.0	mg/L							Q
LCS (B4H5679-BS1)				Prepared & Analyzed: 27-Aug-24						
Oil & Grease	3.60		mg/L	40.0		9.00	78-114			Q

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Wet Chemistry - Quality Control

Envirodyne Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4H5679 - Inorganics										
LCS Dup (B4H5679-BSD1)				Prepared & Analyzed: 27-Aug-24						
Oil & Grease	4.80		mg/L	40.0		12.0	78-114	28.6	18	Q
Batch B4I3158 - Inorganics										
Blank (B4I3158-BLK1)				Prepared & Analyzed: 03-Sep-24						
Phosphorus, Total	<0.10	0.10	mg/L							
LCS (B4I3158-BS1)				Prepared & Analyzed: 03-Sep-24						
Phosphorus, Total	1.00		mg/L	1.00		100	80-120			
Matrix Spike (B4I3158-MS1)		**Source: 24H2325-01**		Prepared & Analyzed: 03-Sep-24						
Phosphorus, Total	2.79	0.10	mg/L	1.00	1.80	99.0	80-120			
Matrix Spike Dup (B4I3158-MSD1)		**Source: 24H2325-01**		Prepared & Analyzed: 03-Sep-24						
Phosphorus, Total	2.82	0.10	mg/L	1.00	1.80	102	80-120	1.07	20	

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Metals - Quality Control

Envirodyne Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4H4032 - Inorganics										
Blank (B4H4032-BLK1)				Prepared & Analyzed: 09-Aug-24						
Chromium, Hexavalent	<1.0	1.0	ug/L							
LCS (B4H4032-BS1)				Prepared & Analyzed: 09-Aug-24						
Chromium, Hexavalent	50.0		ug/L	50.0		100	95-105			
Matrix Spike (B4H4032-MS1)	**Source: 24H0968-01**			Prepared & Analyzed: 09-Aug-24						
Chromium, Hexavalent	49.0	1.0	ug/L	50.0	ND	98.0	80-120			
Matrix Spike Dup (B4H4032-MSD1)	**Source: 24H0968-01**			Prepared & Analyzed: 09-Aug-24						
Chromium, Hexavalent	48.4	1.0	ug/L	50.0	ND	96.8	80-120	1.23	20	

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Total Metals by ICP-MS - Quality Control

Envirodyne Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4H4483 - Metals - EPA 200.2										
Blank (B4H4483-BLK1)				Prepared: 13-Aug-24 Analyzed: 15-Aug-24						
Beryllium	<0.5	0.5	ug/L							
Arsenic	<0.5	0.5	"							
Cadmium	<0.50	0.50	"							
Thallium	<0.5	0.5	"							
Lead	<0.5	0.5	"							
Chromium	<2.0	2.0	"							
Copper	0.657	0.5	"							B
Barium	<2.0	2.0	"							
Silver	<0.5	0.5	"							
Nickel	<0.5	0.5	"							
Zinc	6.59	2.0	"							B
Selenium	<2.0	2.0	"							
Antimony	<0.5	0.5	"							
Aluminum	<2.0	2.0	"							
LCS (B4H4483-BS1)				Prepared: 13-Aug-24 Analyzed: 15-Aug-24						
Arsenic	78.9		ug/L	75.0		105	85-115			
Copper	79.1		"	75.0		105	85-115			B
Thallium	78.0		"	75.0		104	85-115			
Silver	65		"	75.0		86.2	85-115			
Nickel	79.4		"	75.0		106	85-115			
Lead	78		"	75.0		104	85-115			
Barium	69.6		"	75.0		92.8	85-115			
Chromium	81.0		"	75.0		108	85-115			
Cadmium	79		"	75.0		106	85-115			
Beryllium	80.2		"	75.0		107	85-115			
Zinc	85.9		"	75.0		115	85-115			B
Selenium	79.6		"	75.0		106	85-115			
Antimony	68.7		"	75.0		91.5	85-115			
Aluminum	66.8		"	75.0		89.1	85-115			

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Total Metals by ICP-MS - Quality Control

Envirodyne Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4H4483 - Metals - EPA 200.2										
Matrix Spike (B4H4483-MS1)	**Source: 24H0985-01**			Prepared: 13-Aug-24 Analyzed: 14-Aug-24						
Barium	275	2.0	ug/L	100	160	115	70-130			
Thallium	95.0	0.5	"	100	ND	95.0	70-130			
Silver	83	0.5	"	100	0.63	81.9	70-130			
Arsenic	99.7	0.5	"	100	1.96	97.8	70-130			
Nickel	101	0.5	"	100	1.04	99.9	70-130			
Lead	96	0.5	"	100	0.12	96.4	70-130			
Copper	99.8	0.5	"	100	3.32	96.5	70-130			B
Beryllium	97.9	0.5	"	100	ND	97.9	70-130			
Cadmium	98	0.50	"	100	ND	97.5	70-130			
Chromium	98.7	2.0	"	100	ND	98.7	70-130			
Zinc	99.9	2.0	"	100	2.70	97.2	70-130			B
Selenium	94.5	2.0	"	100	ND	94.5	70-130			
Antimony	106	0.5	"	100	ND	106	70-130			
Aluminum	102	2.0	"	100	2.18	100	70-130			
Matrix Spike Dup (B4H4483-MSD1)	**Source: 24H0985-01**			Prepared: 13-Aug-24 Analyzed: 15-Aug-24						
Beryllium	96.5	0.5	ug/L	100	ND	96.5	70-130	1.39	20	
Thallium	95.3	0.5	"	100	ND	95.3	70-130	0.239	20	
Arsenic	99.7	0.5	"	100	1.96	97.8	70-130	0.0105	20	
Silver	81	0.5	"	100	0.63	80.1	70-130	2.21	20	
Nickel	100	0.5	"	100	1.04	99.0	70-130	0.939	20	
Barium	268	2.0	"	100	160	107	70-130	2.64	20	
Copper	99.6	0.5	"	100	3.32	96.3	70-130	0.157	20	B
Chromium	97.7	2.0	"	100	ND	97.7	70-130	1.04	20	
Lead	95	0.5	"	100	0.12	95.2	70-130	1.25	20	
Cadmium	97	0.50	"	100	ND	97.1	70-130	0.423	20	
Zinc	98.7	2.0	"	100	2.70	96.0	70-130	1.24	20	B
Selenium	93.5	2.0	"	100	ND	93.5	70-130	0.978	20	
Antimony	97.6	0.5	"	100	ND	97.6	70-130	7.78	20	
Aluminum	91.6	2.0	"	100	2.18	89.4	70-130	11.2	20	

Envirodyne Laboratories, Inc.

Laura Bonjonia, Administrator

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.

Envirodyne Laboratories, Inc
11011 Brooklet Dr., # 230
Houston, TX 77099
281.568.7880 Phone
www.envirodyne.com

Client:	Urban Engineering
Project:	Urban Engineering - City of Cuero Permit Renewal
Work Order:	24H0968

Reported:
05-Sep-24 16:06

Notes and Definitions

Q	QC did not meet ELI acceptance criteria
L	Analyzed by third party laboratory
I	Greater than 30% difference between highest and lowest values
H	Hold time exceeded
B	Target detected in method blank
ND	Analyte NOT DETECTED at or above the reporting limit
<	Result is less than the RL
a	Analyte not available for TNI/NELAP accreditation
n	Not accredited

Envirodyne Laboratories, Inc.

Laura Bonjonia

Laura Bonjonia, Administrator

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.

Envirodyne Laboratories, Inc.
11011 Brooklet, Ste. 230
Houston, Texas 77099-3543
Phone (281)568-7880 - Fax (281)568

TCEQ Certification # T104704265

24H0968

Analysis Request and Chain of Custody Record

Name: Urban Engineering
Address: 2725 Swantner Dr.,
City: Corpus Christi, TX 78404
Contact: Brian Wik, P.E. Phone: 361.339.2085 Email: BWik@urbaneng.com

Project No. Client/Project: Permit Renewal (Cuero, TX)

Lab ID No.	Field Sample No./ Indentification	Date & Time	Grab	Comp	Sample Container (Size/Mat'l)	Sample Type (Liquid, Sludge, etc.)	Preservative	ANALYSIS REQUESTED	pH	D.O.	Temp.	Analysis Time
	Effluent	8-7-24 0726			NA	Liquid	NA	pH,DO,Cl2 residual (Test before 9AM)	7.6	6.9	Cl2 1.04	DE #2 .03
	Effluent	8-7-24 0916			1 gal cubie	Liquid	Ice	CBOD,BOD,TSS,TDS,SO4,Cl,Cond,Cr+6,Cr-T,F,ALK				
	Effluent	8-7-24 0919			500 mL P	Liquid	Ice, H2SO4	NH3-N, TKN-N, T. PO4,NO3-N				
	Effluent	8-7-24 0919			(2) 120 Idexx	Liquid	Ice, Sod Thio	Ecoli, Enterococci				
	Effluent	8-7-24 0919			500 ml P	Liquid	HNO3	Sb,As,Be,Cd,Cr,Cu,Pb,Hg,Ni,Se,Ag,Tl,Zn,Al,Ba				
	Effluent	8-7-24 0922			1 L G	Liquid	Ice, HCl	Oil & Grease				
	Effluent	8-7-24 0934			(4) 40ml VOA	Liquid	Ice	VOC (624)				
	Effluent	8-7-24 0930			250 ml P	Liquid	Ice, NaOH	Cyanide, Amenable			Temp 4.1C	
	Effluent	8-7-24 0930			1 L Amber	Liquid	Ice, H2SO4	Phenol (Coolers Red)			4.0	
	Effluent	8-7-24 0930			(3) 1 L Amber	Liquid	Ice	BNA, Pesticides, PCBs			IR#34 CF0.0	

Samplers: (Signature) Gary Shad	Relinquished by: (Signature) Gary Shad	Date: 8-7-24 Time: 1005	Received by: (Signature) SM	Date: 08/08/24 Time: 10:25 Seal Intact?
	Relinquished by: (Signature)	Date: Time:	Received by: (Signature)	Date: Time: Seal Intact?
Affiliation W/W PLANT MANAGER	Relinquished by: (Signature) From ALS Driver	Date: 8/8/24 Time: 1620	Received by Lab: (Signature)	Date: 8/8/24 Time: 1620 Seal Intact?
Remarks:	FLOW: Meter Reading: Cl2 Residual: Mn Correction: Cl2 Corrected	Arrival Temp. 3.9/3.7 IR#4	Data Results To: 1. Site Representative:	Date: Time: Laboratory No.

Francesca Findlay

From: Brian Wik, PE <BWik@dccm.com>
Sent: Monday, September 30, 2024 5:25 PM
To: Francesca Findlay
Cc: Wayne Berger; Mark A. Maroney PE
Subject: RE: WQ0010403002 City of Cuero
Attachments: wq0010403002-nod1.pdf

Subject: WQ0010403002 City of Cuero

Good Afternoon Francesca,
In response to the below email, the City of Cuero and Urban DCCM has reviewed the information in the attached letter and we have three comments as noted below.

RE: Application to Renew, for Permit No.: WQ0010403002 (EPA I.D. No. TX0024244)
Applicant Name: City of Cuero (CN600337125)
Site Name: City of Cuero WWTP (RN102076726)
Type of Application: Renewal without changes

VIA EMAIL

Dear Mr. Berger:

We have received the application for the above referenced permit, and it is currently under review. Your attention to the following item(s) are requested before we can declare the application administratively complete. Please submit responses to the following items via email.

1. The fo… the NORI which co… vant to your application. Please… ndicate if it contain… ns. The complete notice wil… be… pplication is dec… mplete.

Item 1: Show C as uppercase in the word City.

Item 2: Show b as lowercase in the word below.

APPLICATION. City of Cuero, P.O. Box 660, Cuero, Texas 77954, has applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0010403002 (EPA I.D. No. TX0024244) to authorize the discharge of treated wastewater at a volume not to exceed an annual average flow of 2,000,000 gallons per day. The domestic wastewater treatment facility is located at approximately 1.5 miles south of the intersection of Stockdale Street and Morgan Avenue, in the city of Cuero, in Dewitt County, Texas 77954. The discharge route is from the plant site to Gohlke Creek; thence to Guadalupe River Below San Marcos River. TCEQ received this application on September 11, 2024. The permit application will be available for viewing and copying at Cuero City Hill, 212 East Main Street, Cuero, in Dewitt County, Texas prior to the date this notice is published in the newspaper. The application, including any updates, and associated notices are available electronically at the following webpage: https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application.

Item 3: Please change spelling from Hill to Hall.

P.O. Box 13087 • … 512-239-1000 • tceq.texas.gov

How is our … xas.gov/customersurvey

printed on recycled paper

Thanks

Brian

Brian Wik, PE
Project Engineer

Urban | DCCM
361-339-2085 p 361-288-0152 c

Please note that our e-mail addresses have changed.

From: Francesca Findlay <Francesca.Findlay@tceq.texas.gov>
Sent: Tuesday, September 17, 2024 8:38 AM
To: citymanager@cityocuero.com
Cc: Brian Wik, PE <BWik@dccm.com>
Subject: FW: WQ0010403002 City of Cuero

Dear Mr. Berger:

The attached Notice of Deficiency letter sent on September 17, 2024, requesting additional information needed to declare the application administratively complete. Please send the complete response to my attention October 1, 2024.

Thank you,

Brian Findlay

Francesca Findlay
License & Permit Specialist
ARP Team | Water Quality Division
512-239-2441
Texas Commission on Environmental Quality

Please consider whether it is necessary to print this e-mail