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

. City of Beeville, 400 North Washington Street, Beeville, Texas 78102,(CN600740070)(RN101614089) has applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0010124002 (EPA I.D. No. TX0047007) to authorize the discharge of treated wastewater at a volume not to exceed an annual average flow of 3,000,000 gallons per day. The domestic wastewater treatment facility is located at 801 U.S. Highway 181 North, near the city of Beeville, in Bee County, Texas 78102.

The Moore wastewater treatment plant is an extended air plant utilizing oxidation ditches to treat sewage. From there sewage flows into the secondary clarifiers. The sewage then flows to the contact chamber where we chlorinate to a 1.00 MG/L min for 20 min. The final step is our Parshall flume where effluent is measured the sent to the final weir to be dechlorinated to less than 0.10 MG/L. The discharge route is from the plant site to Poesta Creek, thence to Aransas River Above Tidal.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

PERMIT NO. WQ0010124002

APPLICATION. City of Beeville, 400 North Washington Street, Beeville, Texas 78102, has applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0010124002 (EPA I.D. No. TX0047007) to authorize the discharge of treated wastewater at a volume not to exceed an annual average flow of 3,000,000 gallons per day. The domestic wastewater treatment facility is located at 801 U.S. Highway 181 North, near the city of Beeville, in Bee County, Texas 78102. The discharge route is from the plant site to Poesta Creek, thence to Aransas River Above Tidal. TCEQ received this application on February 27, 2025. The permit application will be available for viewing and copying at Beeville City Hall, City Manager's Office, 400 North Washington Street, Beeville, in Bee 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=-97.722777,28.391111&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 Beeville at the address stated above or by calling Mr. John Benson, City Manager, at 361-742-7725.

Issuance Date: April 1, 2025

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST

Complete and submit this checklist with the application.

APPLICANT NAME: City of Beeville

PERMIT NUMBER (If new, leave blank): WQ0010124002

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

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

RECEIVED
FEB 27 2025
WATER QUALITY DIVISION
TCEQ

RECEIVED
FEB 27 2025
Water Quality Applications Team

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.

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: Click to enter text. 171332
Check/Money Order Amount: Click to enter text. $2,015.00
Name Printed on Check: Click to enter text. City of Bellville

EPAY — Voucher Number: Click to enter text.

Copy of Payment Voucher enclosed? Yes ☐

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

☒ Publicly Owned Domestic Wastewater

☐ Privately-Owned Domestic Wastewater

☐ Conventional Water Treatment

c. 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: Click to enter text.

f. **For existing permits:**

Permit Number: WQ00 WQ0010124002

EPA I.D. (TPDES only): TX TX0047007

Expiration Date: 05/26/2025

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 Beeville

(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: 600740070

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: Benson, John

Title: City Manager Credential: n/a

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

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

n/a

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

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

CN: n/a

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

Prefix: n/a Last Name, First Name: n/a

Title: n/a Credential: n/a

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

C. Core Data Form

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

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: Benson John

Title: City Manager Credential: n/a

Organization Name: City of Beeville

Mailing Address: 400 N Washington City, State, Zip Code: Beeville, Texas 78102

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

Check one or both: ☒ Administrative Contact ☐ Technical Contact

B. Prefix: Mr Last Name, First Name: Herrera John

Title: Project Manager Credential: Click to enter text.

Organization Name: Inframark

Mailing Address: 1881 FM 534 City, State, Zip Code: Mathis, Texas 78368

Phone No.: 956-301-1089 E-mail Address: john.herrera@inframark.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: Benson John

Title: City Manager Credential: Click to enter text.

Organization Name: City of Beeville

Mailing Address: 400 N Washington City, State, Zip Code: Beeville, Texas 78102

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

B. Prefix: Mr | Last Name, First Name: Herrera John

Title: Project Manager | Credential: Click to enter text.

Organization Name: Inframark

Mailing Address: 1881 FM 534 | City, State, Zip Code: Mathis, Texas 78368

Phone No.: 956-301-1089 | E-mail Address: john.herrera@inframark.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: Benson John

Title: City Manager | Credential: Click to enter text.

Organization Name: City of Beeville

Mailing Address: 400 N Washington | City, State, Zip Code: Beeville, Texas 78102

Phone No.: 361-742-7725 | E-mail Address: John.Benson@beevilletx.org

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

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

Prefix: Mr | Last Name, First Name: Herrara John

Title: Project Manager | Credential: n/a

Organization Name: Inframark

Mailing Address: 1881 FM 534 | City, State, Zip Code: Mathis, Texas 78368

Phone No.: 956-301-1089 | E-mail Address: john.herrara@inframark.com

Section 8. Public Notice Information (Instructions Page 27)

A. Individual Publishing the Notices

Prefix: Ms | Last Name, First Name: Hernandez, Gabriela

Title: City Secretary | Credential: Click to enter text.

Organization Name: City of Beeville

Mailing Address: 400 N. Washington | City, State, Zip Code: Beeville, Texas, 78102

Phone No.: 361-358-4641 | E-mail Address: Gabriela.Hernandez@beevilletx.org

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

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

☐ E-mail Address

☐ Fax

☐ Regular Mail

C. Contact permit to be listed in the Notices

Prefix: Mr Last Name, First Name: Benson John

Title: City Manager Credential: n/a

Organization Name: City of Beeville

Mailing Address: 400 N Washington City, State, Zip Code: Beeville, Texas 78102

Phone No.: 361-742-7725 E-mail Address: John.Benson@beevilletx.org

D. Public Viewing Information

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

Public building name: Beeville City Hall

Location within the building: City Manager's Office

Physical Address of Building: 400 N Washington

City: Beeville County: Bee

Contact (Last Name, First Name): Benson John

Phone No.: 361-742-7725 Ext.: Click to enter text.

E. Bilingual Notice Requirements

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

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

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

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

   ☐ Yes ☒ No

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

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

   ☐ Yes ☐ No

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

   ☐ Yes ☐ No

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

   ☐ Yes ☐ No

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

F. Summary of Application in Plain Language Template

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

Attachment: Click to enter text.

G. Public Involvement Plan Form

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

Attachment: Click to enter text.

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

A. If the site is currently regulated by TCEQ, provide the Regulated Entity Number (RN) issued to this site. **RN** 101614089

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):

Moore Street Wastewater Treatment Facility

C. Owner of treatment facility: City of Beeville

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

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

Prefix: n/a Last Name, First Name: City of Beeville

Title: n/a Credential: n/a

Organization Name: City of Beeville

Mailing Address: 400 N Washington City, State, Zip Code: Beeville, Texas 78102

Phone No.: 361-358-4641 E-mail Address: John.Benson@beevilletx.org

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

Attachment: n/a

E. Owner of effluent disposal site:

Prefix: n/a Last Name, First Name: City of Beeville

Title: n/a Credential: n/a

Organization Name: City of Beeville

Mailing Address: 400 N Washington City, State, Zip Code: Beeville, Texas 78102

Phone No.: 361-358-4641 E-mail Address: John.Benson@beevilletx.org

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

Attachment: n/a

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

Prefix: n/a Last Name, First Name: n/a

Title: n/a Credential: n/a

Organization Name: n/a

Mailing Address: n/a City, State, Zip Code: n/a

Phone No.: n/a E-mail Address: n/a

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

Attachment: n/a

Section 10. TPDES Discharge Information (Instructions Page 31)

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

☒ Yes ☐ No

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

Click to enter text.

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

☒ Yes ☐ No

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

Click to enter text.

City nearest the outfall(s): Beeville

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

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

☐ Yes ☒ No

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

☐ Authorization granted ☐ Authorization pending

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

Attachment: n/a

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

Section 11. TLAP Disposal Information (Instructions Page 32)

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

☐ Yes ☐ No

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

Click to enter text.

B. City nearest the disposal site: Beeville

C. County in which the disposal site is located: Bee

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

Click to enter text.

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

Section 12. Miscellaneous Information (Instructions Page 32)

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

☐ Yes ☒ No

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

☐ Yes ☐ No ☒ Not Applicable

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

n/a

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

☐ Yes ☒ No

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

D. Do you owe any fees to the TCEQ?

☐ Yes ☒ No

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

Account number: n/a

Amount past due: n/a

E. Do you owe any penalties to the TCEQ?

☐ Yes ☒ No

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

Enforcement order number: n/a

Amount past due: n/a

Section 13. Attachments (Instructions Page 33)

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

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

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

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

☐ Attachment 1 for Individuals as co-applicants

☒ Other Attachments. Please specify: USGS Map is attachment 2

Section 14. Signature Page (Instructions Page 34)

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

Permit Number: WO0010124002

Applicant: City of Beeville

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): John Benson

Signatory title: City Manager

Signature: J L Benson Date: 2/13/2025

(Use blue ink)

Subscribed and Sworn to before me by the said John Benson

on this 13 day of February, 20 25.

My commission expires on the 11 day of May, 20 26.

Gabriela Hernandez
Notary Public

GABRIELA MARIE HERNANDEZ
NOTARY PUBLIC
STATE OF TEXAS
ID # 1298[illegible] [SEAL]
My Comm. Expires 05-11-2026

Bee
County, Texas

DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

The following information is required for new and amendment applications.

Section 1. Affected Landowner Information (Instructions Page 36)

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

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

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

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

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

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

☐ Yes ☐ No

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

Click to enter text.

Section 2. Original Photographs (Instructions Page 38)

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

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

Section 3. Buffer Zone Map (Instructions Page 38)

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

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

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

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

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

☐ Yes ☐ No

DOMESTIC WASTEWATER PERMIT APPLICATION

SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

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

Attachment: Click to enter text.

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST OF COMMON DEFICIENCIES

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

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

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

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

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

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

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

Things to Know:

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

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

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

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

Summary of Application (in Plain Language) ☐ Yes

Attachment 1

Core Data Form

City of Beeville
Moore Street Wastewater Treatment Plant
WQ001024002

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 600740070		RN 101614089

SECTION II: Customer Information

4. General Customer Information	5. Effective Date for Customer Information Updates (mm/dd/yyyy)	2/13/2025

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

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

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

City of Beeville	

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 ☐ Other:
☐ Occupational Licensee ☐ Responsible Party ☐ VCP/BSA Applicant

15. Mailing Address:	400 N. Washington Street						
	City	Beeville	State	TX	ZIP	78102	ZIP + 4

16. Country Mailing Information *(if outside USA)*	17. E-Mail Address *(if applicable)*
	john.benson@beevilletx.org

18. Telephone Number	19. Extension or Code	20. Fax Number *(if applicable)*
(361) 742-7725		( ) -

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.)*

Moore Street

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

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

25. Description to Physical Location:	Adjacent to Poesta Creek East of US highway 181 bypass north of state highway 202 south southeast of the city of Beeville in Bee County Texas				
26. Nearest City			**State**		**Nearest ZIP Code**
Beeville			TX		78102

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:			**28. Longitude (W) In Decimal:**		
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
28	23	10	97	43	18

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

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

34. Mailing Address:	**400 N Washington Street**						
	City	**Beeville**	**State**	**TX**	**ZIP**	**78102**	**ZIP + 4**
35. E-Mail Address:	**john.benson@beevilletx.org**						

36. Telephone Number	**37. Extension or Code**	**38. Fax Number** *(if applicable)*
(361) 742-7725		( ) -

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:	Larry Clark	**41. Title:**	Regional Manager

42. Telephone Number	**43. Ext./Code**	**44. Fax Number**	**45. E-Mail Address**
(361) 936-6852		( ) -	larry.clark@inframark.com

SECTION V: Authorized Signature

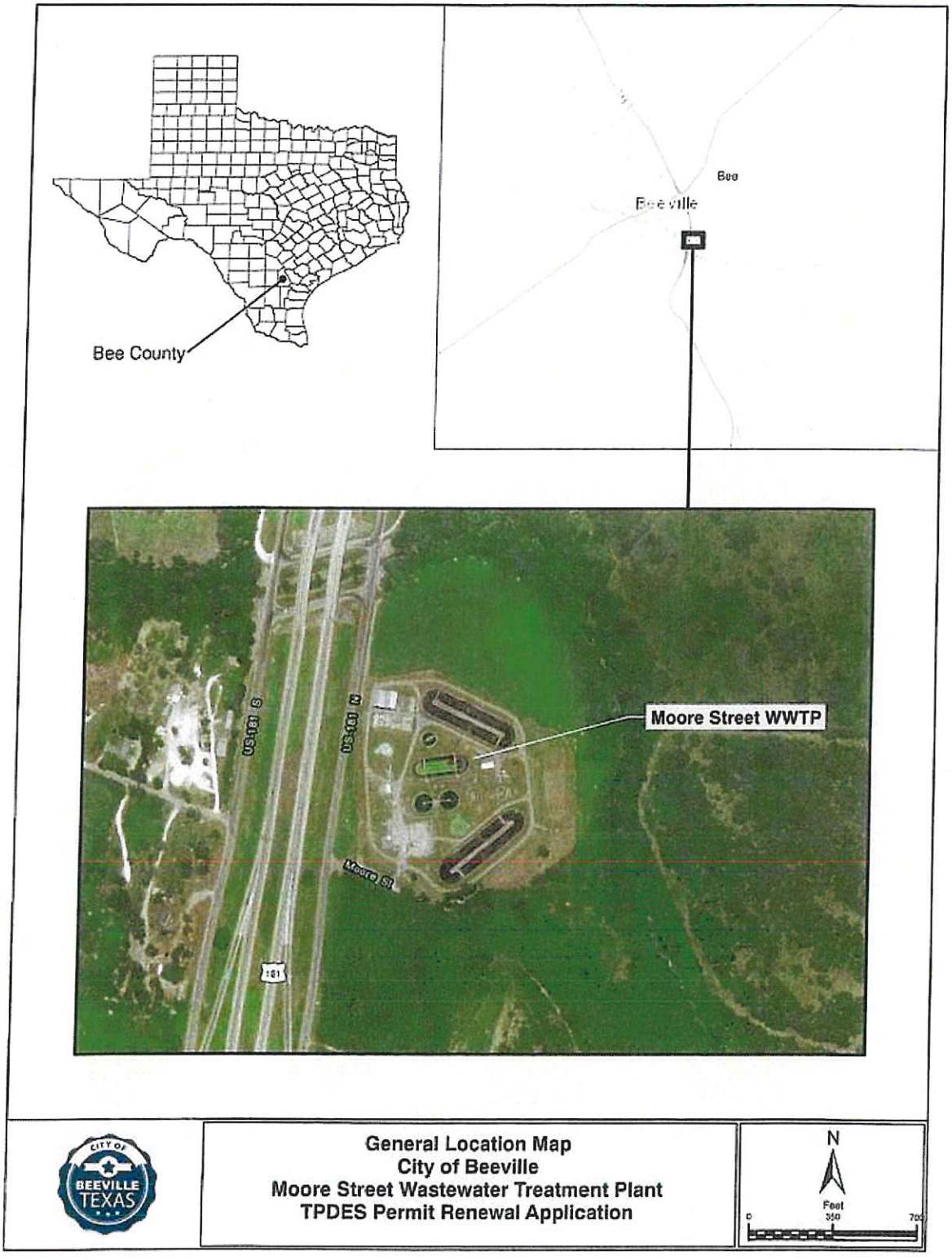
46. By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 6 and/or as required for the updates to the ID numbers identified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

Company:	City of Beeville	**Job Title:**	City Manager
Name *(In Print):*	John Benson	**Phone:**	(361) 742- 7725
Signature:		**Date:**	02/13/2025

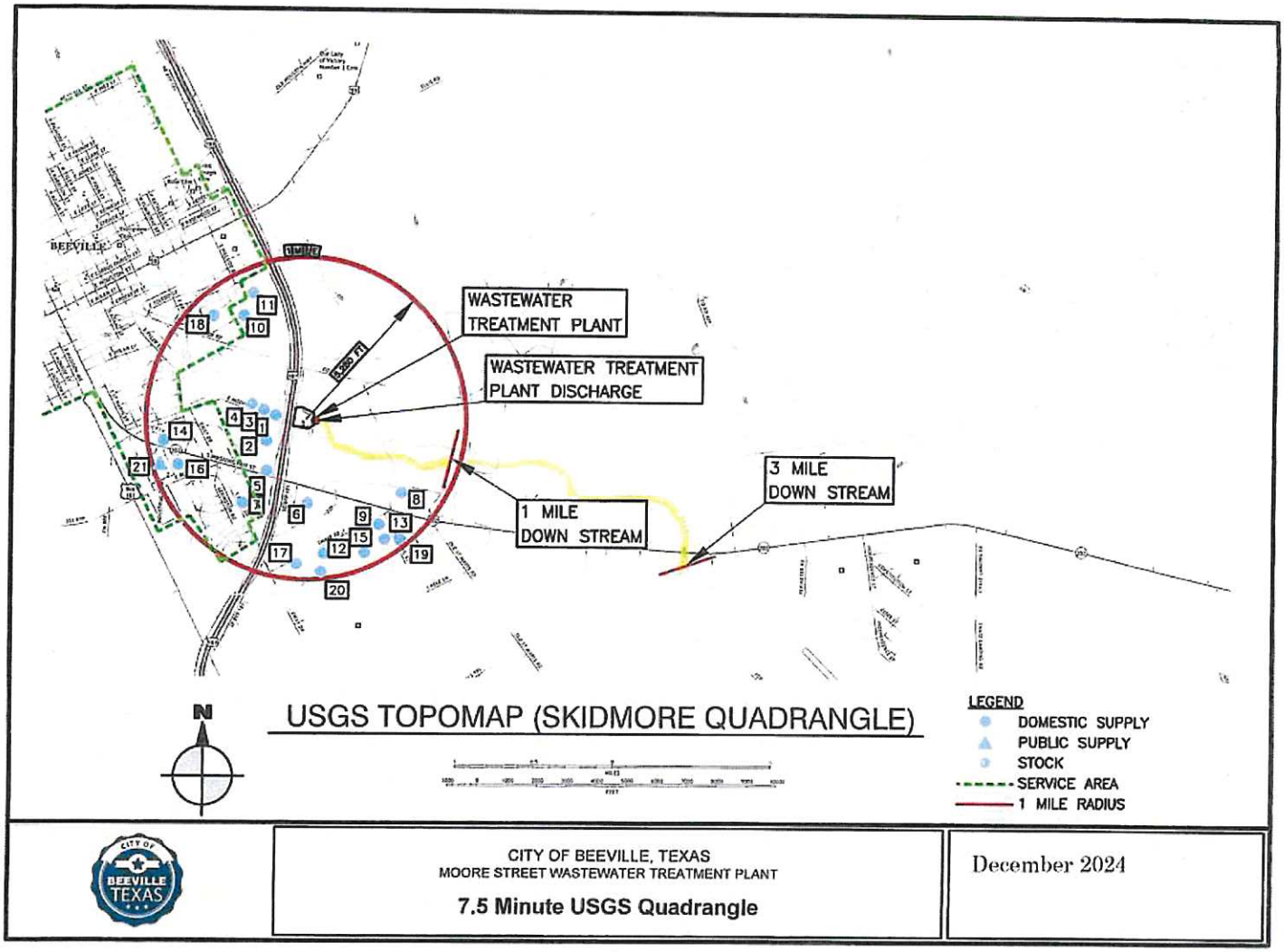
Attachment 2

U.S. Geological Survey Map

City of Beeville
Moore Street Wastewater Treatment Plant
WQ001024002



General Location Map
City of Beeville
Moore Street Wastewater Treatment Plant
TPDES Permit Renewal Application



CITY OF BEEVILLE, TEXAS
MOORE STREET WASTEWATER TREATMENT PLANT

7.5 Minute USGS Quadrangle

December 2024

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.0

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

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

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

A. Existing/Interim I Phase

Design Flow (MGD): 3

2-Hr Peak Flow (MGD): 9

Estimated construction start date: Click to enter text.

Estimated waste disposal start date: Click to enter text.

B. Interim II Phase

Design Flow (MGD): Click to enter text.

2-Hr Peak Flow (MGD): Click to enter text.

Estimated construction start date: Click to enter text.

Estimated waste disposal start date: Click to enter text.

C. Final Phase

Design Flow (MGD): Click to enter text.

2-Hr Peak Flow (MGD): Click to enter text.

Estimated construction start date: Click to enter text.

Estimated waste disposal start date: Click to enter text.

D. Current Operating Phase

Provide the startup date of the facility: Click to enter text.

Section 2. Treatment Process (Instructions Page 42)

A. Current Operating Phase

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

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

See Attachment 3

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 3		

C. Process Flow Diagram

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

Attachment: Attachment 4

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

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

- Latitude: 28.3901737
- Longitude: -97.7233300

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

- Latitude: Click to enter text.
- Longitude: Click to enter text.

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

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

Attachment: Attachment 5

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

City of Beeville, Water CCN No. 10550, Sewer CCN No. 20209

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
City of Beeville	City of Beeville	Publicly Owned	13,201
		Choose an item.	
		Choose an item.	
		Choose an item.	

Section 4. Unbuilt Phases (Instructions Page 44)

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

☐ Yes ☒ No

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

☐ Yes ☒ No

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

Click to enter text.

Section 5. Closure Plans (Instructions Page 44)

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

☐ Yes ☒ No

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

☐ Yes ☒ No

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

Click to enter text.

Section 6. Permit Specific Requirements (Instructions Page 44)

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

A. Summary transmittal

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

☐ Yes ☒ No

If yes, provide the date(s) of approval for each phase: n/a

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.**

Click to enter text.

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.

Variance – in accordance with 30 TAC 309.13(f) based on permit 10124-002 issued December 21, 1999.

C. Other actions required by the current permit

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

☐ Yes ☒ No

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

Click to enter text.

D. Grit and grease treatment

1. *Acceptance of grit and grease waste*

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

☐ Yes ☒ No

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

2. *Grit and grease processing*

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

Click to enter text.

3. *Grit disposal*

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

☐ Yes ☐ No

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

Describe the method of grit disposal.

Click to enter text.

4. ***Grease and decanted liquid disposal***

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

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

Click to enter text.

E. Stormwater management

1. ***Applicability***

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

☒ Yes ☐ No

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

☐ Yes ☒ No

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

2. ***MSGP coverage***

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

☒ Yes ☐ No

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

TXR05 BK07 or TXRNE Click to enter text.

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

☐ Yes ☐ No

3. ***Conditional exclusion***

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

☐ Yes ☐ No

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

Click to enter text.

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

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

☐ Yes ☐ No

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

Click to enter text.

5. ***Zero stormwater discharge***

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

☐ Yes ☐ No

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

Click to enter text.

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

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

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

☐ Yes ☐ No

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

intend to divert stormwater to the treatment plant headworks and indirectly discharge it to water in the state.

Click to enter text.

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

F. Discharges to the Lake Houston Watershed

Does the facility discharge in the Lake Houston watershed?

☐ Yes ☒ No

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

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

1. *Acceptance of sludge from other WWTPs*

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

☐ Yes ☒ No

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

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

Information unchanged since 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.

Click to enter text.

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

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

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

☐ Yes ☒ No

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

Click to enter text.

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

Is the facility in operation?

☒ Yes ☐ No

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

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

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

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	2.64	2.64	1	comp	12/12/24 10:00
Total Suspended Solids, mg/l	4.00	4.00	1	comp	12/12/24 10:00
Ammonia Nitrogen, mg/l	2.46	2.46	1	comp	12/12/24 10:00
Nitrate Nitrogen, mg/l					
Total Kjeldahl Nitrogen, mg/l					
Sulfate, mg/l	67.2	67.2	1	comp	12/12/24 10:00
Chloride, mg/l					
Total Phosphorus, mg/l					
pH, standard units					
Dissolved Oxygen*, mg/l					
Chlorine Residual, mg/l					
E.coli (CFU/100ml) freshwater					
Entercocci (CFU/100ml) saltwater					
Total Dissolved Solids, mg/l	808	808	1	comp	12/12/24 10:00
Electrical Conductivity, µmohs/cm, †					
Oil & Grease, mg/l					
Alkalinity ($CaCO_3$)*, mg/l					

*TPDES permits only
†TLAP permits only

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

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

Section 8. Facility Operator (Instructions Page 49)

Facility Operator Name: Inframark LLC

Facility Operator's License Classification and Level: Waste water A,B,B

Facility Operator's License Number: WW,WW0055132,WW0057808

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

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

Check all that apply. See instructions for guidance

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

B. WWTP's Sewage Sludge or Biosolids Treatment Process

Check all that apply. See instructions for guidance.

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

☐ Methane or Biogas Recovery

☐ Other Treatment Process: Click to enter text.

C. Sewage Sludge or Biosolids Management

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

Biosolids Management

Management Practice	Handler or Preparer Type	Bulk or Bag Container	Amount (dry metric tons)	Pathogen Reduction Options	Vector Attraction Reduction Option
Agricultural Land Application	Off-site Third-Party Handler or Preparer	Bulk	267.8	Class B: PSRP Aerobic Digestion	Option 4: SOUR <=1.5 mg 02/hr/g total solids at 20C (<2% solids)
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.

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

D. Disposal site

Disposal site name: 101 Bar Ranch

TCEQ permit or registration number: WQ0004859000

County where disposal site is located: Live Oak

E. Transportation method

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

Name of the hauler: 101 Bar Ranch

Hauler registration number: 25903

Sludge is transported as a:

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

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

A. Beneficial use authorization

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

☐ Yes ☒ No

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

☐ Yes ☒ No

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

☐ Yes ☒ No

B. Sludge processing authorization

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

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

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

☐ Yes ☐ No

Section 11. Sewage Sludge Lagoons (Instructions Page 53)

Does this facility include sewage sludge lagoons?

☐ Yes ☒ No

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

A. Location information

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

- Original General Highway (County) Map:

  Attachment: Click to enter text.
- USDA Natural Resources Conservation Service Soil Map:

  Attachment: Click to enter text.
- Federal Emergency Management Map:

  Attachment: Click to enter text.
- Site map:

  Attachment: Click to enter text.

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

☐ Overlap a designated 100-year frequency flood plain

- ☐ Soils with flooding classification
- ☐ Overlap an unstable area
- ☐ Wetlands
- ☐ Located less than 60 meters from a fault
- ☐ None of the above

Attachment: Click to enter text.

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

Click to enter text.

B. Temporary storage information

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

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

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

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

Phosphorus, mg/kg: Click to enter text.

Potassium, mg/kg: Click to enter text.

pH, standard units: Click to enter text.

Ammonia Nitrogen mg/kg: Click to enter text.

Arsenic: Click to enter text.

Cadmium: Click to enter text.

Chromium: Click to enter text.

Copper: Click to enter text.

Lead: Click to enter text.

Mercury: Click to enter text.

Molybdenum: Click to enter text.

Nickel: Click to enter text.

Selenium: Click to enter text.

Zinc: Click to enter text.

Total PCBs: Click to enter text.

Provide the following information:

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

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

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

C. Liner information

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

☐ Yes ☐ No

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

Click to enter text.

D. Site development plan

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

Click to enter text.

Attach the following documents to the application.

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

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

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

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

  Attachment: Click to enter text.
- Description of the method of controlling infiltration of groundwater and surface water from entering the site

  Attachment: Click to enter text.
- Procedures to prevent the occurrence of nuisance conditions

  Attachment: Click to enter text.

E. Groundwater monitoring

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

☐ Yes ☐ No

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

Attachment: Click to enter text.

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

A. Additional authorizations

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

☐ Yes ☒ No

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

Click to enter text.

B. Permittee enforcement status

Is the permittee currently under enforcement for this facility?

☐ Yes ☒ No

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

☐ Yes ☒ No

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

Click to enter text.

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

A. RCRA hazardous wastes

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

☐ Yes ☒ No

B. Remediation activity wastewater

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

☐ Yes ☒ No

C. Details about wastes received

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

Attachment: Click to enter text.

Section 14. Laboratory Accreditation (Instructions Page 55)

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

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

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

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

CERTIFICATION:

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

Printed Name:

Title:

Signature: _____

Date: _____

DOMESTIC WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.1

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

Section 1. Justification for Permit (Instructions Page 56)

A. Justification of permit need

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

Click to enter text.

B. Regionalization of facilities

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

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

1. *Municipally incorporated areas*

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

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

☐ Yes ☐ No ☐ Not Applicable

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

If yes, attach correspondence from the city.

Attachment: Click to enter text.

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

Attachment: Click to enter text.

2. *Utility CCN areas*

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

☐ Yes ☐ No

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

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

Attachment: Click to enter text.

3. ***Nearby WWTPs or collection systems***

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

☐ Yes ☐ No

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

Attachment: Click to enter text.

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

Attachment: Click to enter text.

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

Attachment: Click to enter text.

Section 2. Proposed Organic Loading (Instructions Page 58)

Is this facility in operation?

☐ Yes ☐ No

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

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

A. Current organic loading

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

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

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

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

Click to enter text.

B. Proposed organic loading

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

Table 1.1(1) – Design Organic Loading

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

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

A. Existing/Interim I Phase Design Effluent Quality

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

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

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

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

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

Other: Click to enter text.

B. Interim II Phase Design Effluent Quality

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

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

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

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

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

Other: Click to enter text.

C. Final Phase Design Effluent Quality

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

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

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

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

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

Other: Click to enter text.

D. Disinfection Method

Identify the proposed method of disinfection.

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

Dechlorination process: Click to enter text.

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

☐ Other: Click to enter text.

Section 4. Design Calculations (Instructions Page 58)

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

Attachment: Click to enter text.

Section 5. Facility Site (Instructions Page 59)

A. 100-year floodplain

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

☐ Yes ☐ No

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

Click to enter text.

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

Click to enter text.

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

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

B. Wind rose

Attach a wind rose: Click to enter text.

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

A. Beneficial use authorization

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

☐ Yes ☐ No

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

B. Sludge processing authorization

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

☐ Sludge Composting

☐ Marketing and Distribution of sludge

☐ Sludge Surface Disposal or Sludge Monofill

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

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

Attach a solids management plan to the application.

Attachment: Click to enter text.

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

- Treatment units and processes dimensions and capacities

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

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

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 2.0: RECEIVING WATERS

The following information is required for all TPDES permit applications.

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

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

☐ Yes ☒ No

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

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

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

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

Attachment: Click to enter text.

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

Does the facility discharge into tidally affected waters?

☐ Yes ☒ No

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

A. Receiving water outfall

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

B. Oyster waters

Are there oyster waters in the vicinity of the discharge?

☐ Yes ☒ No

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

Click to enter text.

C. Sea grasses

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

☐ Yes ☒ No

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

Click to enter text.

Section 3. Classified Segments (Instructions Page 63)

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

☐ Yes ☒ No

If yes, this Worksheet is complete.

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

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

Name of the immediate receiving waters: Click to enter text.

A. Receiving water type

Identify the appropriate description of the receiving waters.

☒ Stream

☐ Freshwater Swamp or Marsh

☐ Lake or Pond

Surface area, in acres: Click to enter text.

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

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

☐ Man-made Channel or Ditch

☐ Open Bay

☐ Tidal Stream, Bayou, or Marsh

☐ Other, specify: Click to enter text.

B. Flow characteristics

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

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

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

☐ Perennial - normally flowing

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

☐ USGS flow records

☐ Historical observation by adjacent landowners

☒ Personal observation

☒ Other, specify: Handbook of Texas Online "POESTA CREEK"

C. Downstream perennial confluences

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

Click to enter text.

D. Downstream characteristics

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

☐ Yes ☐ No

If yes, discuss how.

Click to enter text.

E. Normal dry weather characteristics

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

Intermittent Stream with perennial ponds

Date and time of observation: 12/10/2025 11:22

Was the water body influenced by stormwater runoff during observations?

☐ Yes ☒ No

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

A. Upstream influences

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

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

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: Park Activities

C. Waterbody aesthetics

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

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

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 2.1: STREAM PHYSICAL CHARACTERISTICS

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

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

Section 1. General Information (Instructions Page 65)

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

Stream name: Click to enter text.

Location: Click to enter text.

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

☐ Perennial ☐ Intermittent with perennial pools

Section 2. Data Collection (Instructions Page 65)

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

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

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

Number of riffles: Click to enter text.

Evidence of flow fluctuations (check one):

☐ Minor ☐ moderate ☐ severe

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

Click to enter text.

Stream transects

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

Table 2.1(1) - Stream Transect Records

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

Section 3. Summarize Measurements (Instructions Page 65)

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

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

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

Number of lateral transects made: Click to enter text.

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

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

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

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

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

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

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

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 3.0: LAND DISPOSAL OF EFFLUENT

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

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

Identify the method of land disposal:

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

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

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

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

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

Table 3.0(1) – Land Application Site Crops

Crop Type & Land Use	Irrigation Area (acres)	Effluent Application (GPD)	Public Access? Y/N
No irrigation use since last renewal.			

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

Table 3.0(2) – Storage and Evaporation Ponds

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

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

Attachment: Click to enter text.

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

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

☒ Yes ☐ No

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

Elevated Berm in place

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

FEMA Flood Map 48025C0290C

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

Click to enter text.

Section 5. Annual Cropping Plan (Instructions Page 67)

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

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

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

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

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

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

Table 3.0(3) – Water Well Data

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

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

Attachment: Click to enter text.

Section 7. Groundwater Quality (Instructions Page 68)

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

Attachment: Click to enter text.

Are groundwater monitoring wells available onsite? ☐ Yes ☒ No

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

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

Attachment: Click to enter text.

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

A. Soil map

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

Attachment: Click to enter text.

B. Soil analyses

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

Attachment: Click to enter text.

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

Table 3.0(4) – Soil Data

Soil Series	Depth from Surface	Permeability	Available Water Capacity	Curve Number

Section 9. Effluent Monitoring Data (Instructions Page 70)

Is the facility in operation?

☒ Yes ☐ No

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

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

Table 3.0(5) – Effluent Monitoring Data

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

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

No irrigation since last permit renewal

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

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

Section 1. Surface Disposal (Instructions Page 71)

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

A. Irrigation

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

Design application frequency:

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

Land grade (slope):

average percent (%): Click to enter text.

maximum percent (%): Click to enter text.

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

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

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

Method of application: Click to enter text.

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

Attachment: Click to enter text.

B. Evaporation ponds

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

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

Attachment: Click to enter text.

C. Evapotranspiration beds

Number of beds: Click to enter text.

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

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

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

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

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

Attachment: Click to enter text.

D. Overland flow

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

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

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

Slope length, in feet: Click to enter text.

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

Design application frequency:

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

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

Attachment: Click to enter text.

Section 2. Edwards Aquifer (Instructions Page 72)

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

Attachment: Click to enter text.

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

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

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

Section 1. Subsurface Application (Instructions Page 73)

Identify the type of system:

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

Application area, in acres: Click to enter text.

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

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

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

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

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

Number of beds: Click to enter text.

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

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

Storage volume, in gallons: Click to enter text.

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

Soil Classification: Click to enter text.

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

Attachment: Click to enter text.

Section 2. Edwards Aquifer (Instructions Page 73)

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

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

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

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

Section 1. Administrative Information (Instructions Page 74)

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

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

☐ Yes ☐ No

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

Click to enter text.

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

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

☐ Yes ☐ No

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

Click to enter text.

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

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

☐ Yes ☐ No

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

Click to enter text.

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

A. Type of system

☐ Subsurface Drip Irrigation

☐ Surface Drip Irrigation

☐ Other, specify: Click to enter text.

B. Irrigation operations

Application area, in acres: Click to enter text.

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

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

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

Storage volume, in gallons: Click to enter text.

Major soil series: Click to enter text.

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

C. Application rate

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

☐ Yes ☐ No

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

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

☐ Yes ☐ No

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

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

☐ Yes ☐ No

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

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

D. Dosing information

Number of doses per day: Click to enter text.

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

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

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

Number of zones: Click to enter text.

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

☐ Yes ☐ No

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

Attachment: Click to enter text.

Section 3. Required Plans (Instructions Page 74)

A. Recharge feature plan

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

Attachment: Click to enter text.

B. Soil evaluation

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

Attachment: Click to enter text.

C. Site preparation plan

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

Attachment: Click to enter text.

D. Soil sampling/testing

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

Attachment: Click to enter text.

Section 4. Floodway Designation (Instructions Page 75)

A. Site location

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

☐ Yes ☐ No

B. Flood map

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

Attachment: Click to enter text.

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

A. Buffer Map

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

Attachment: Click to enter text.

B. Buffer variance request

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

☐ Yes ☐ No

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

Attachment: Click to enter text.

Section 6. Edwards Aquifer (Instructions Page 75)

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 4.0: POLLUTANT ANALYSIS REQUIREMENTS

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

This worksheet is not required minor amendments without renewal.

Section 1. Toxic Pollutants (Instructions Page 76)

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

Grab ☐ Composite ☐

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

Table 4.0(1) – Toxics Analysis

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

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

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

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

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

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

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

Section 2. Priority Pollutants

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

Grab ☐ Composite ☐

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

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

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

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

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

Table 4.0(2)B – Volatile Compounds

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

Table 4.0(2)C – Acid Compounds

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

Table 4.0(2)D – Base/Neutral Compounds

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

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

Table 4.0(2)E - Pesticides

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

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

Section 3. Dioxin/Furan Compounds

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

- ☐ 2,4,5-trichlorophenoxy acetic acid
  Common Name 2,4,5-T, CASRN 93-76-5
- ☐ 2-(2,4,5-trichlorophenoxy) propanoic acid
  Common Name Silvex or 2,4,5-TP, CASRN 93-72-1
- ☐ 2-(2,4,5-trichlorophenoxy) ethyl 2,2-dichloropropionate
  Common Name Erbon, CASRN 136-25-4
- ☐ 0,0-dimethyl 0-(2,4,5-trichlorophenyl) phosphorothioate
  Common Name Ronnel, CASRN 299-84-3
- ☐ 2,4,5-trichlorophenol
  Common Name TCP, CASRN 95-95-4
- ☐ hexachlorophene
  Common Name HCP, CASRN 70-30-4

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

Click to enter text.

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

☐ Yes ☐ No

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

Click to enter text.

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

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

Grab ☐ Composite ☐

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

Table 4.0(2)F – Dioxin/Furan Compounds

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

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 5.0: TOXICITY TESTING REQUIREMENTS

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

This worksheet is not required minor amendments without renewal.

Section 1. Required Tests

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

7-day Chronic: 18 (Quarterly)

48-hour Acute: 18 (Quarterly)

Section 2. Toxicity Reduction Evaluations (TREs)

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

☐ Yes ☒ No

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

Click to enter text.

Section 3. Summary of WET Tests

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

Table 5.0(1) Summary of WET Tests

Test Date	Test Species	NOEC Survival	NOEC Sub-lethal

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 6.0: INDUSTRIAL WASTE CONTRIBUTION

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

Section 1. All POTWs (Instructions Page 87)

A. Industrial users (IUs)

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

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

Categorical IUs:

Number of IUs: Click to enter text.

Average Daily Flows, in MGD: Click to enter text.

Significant IUs – non-categorical:

Number of IUs: Click to enter text.

Average Daily Flows, in MGD: Click to enter text.

Other IUs:

Number of IUs: Click to enter text.

Average Daily Flows, in MGD: Click to enter text.

B. Treatment plant interference

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

☐ Yes ☒ No

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

Click to enter text.

C. Treatment plant pass through

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

☐ Yes ☒ No

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

Click to enter text.

D. Pretreatment program

Does your POTW have an approved pretreatment program?

☐ Yes ☒ No

If yes, complete Section 2 only of this Worksheet.

Is your POTW required to develop an approved pretreatment program?

☐ Yes ☒ No

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

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

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

A. Substantial modifications

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

☐ Yes ☐ No

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

Click to enter text.

B. Non-substantial modifications

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

☐ Yes ☐ No

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

Click to enter text.

C. Effluent parameters above the MAL

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

Table 6.0(1) – Parameters Above the MAL

Pollutant	Concentration	MAL	Units	Date

D. Industrial user interruptions

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

☐ Yes ☒ No

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

Click to enter text.

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

A. General information

Company Name: Click to enter text.

SIC Code: Click to enter text.

Contact name: Click to enter text.

Address: Click to enter text.

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

Telephone number: Click to enter text.

Email address: Click to enter text.

B. Process information

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

Click to enter text.

C. Product and service information

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

Click to enter text.

D. Flow rate information

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

Process Wastewater:

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

Discharge Type: ☐ Continuous ☐ Batch ☐ Intermittent

Non-Process Wastewater:

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

Discharge Type: ☐ Continuous ☐ Batch ☐ Intermittent

E. Pretreatment standards

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

Category: Subcategories: Click to enter text.

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

Category: Click to enter text.

Subcategories: Click to enter text.

Category: Click to enter text.

Subcategories: Click to enter text.

Category: Click to enter text.

Subcategories: Click to enter text.

Category: Click to enter text.

Subcategories: Click to enter text.

F. Industrial user interruptions

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

☐ Yes ☐ No

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

Click to enter text.

WORKSHEET 7.0

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

CLASS V INJECTION WELL INVENTORY/AUTHORIZATION FORM

Submit the completed form to:

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

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

Section 1. General Information (Instructions Page 90)

1. **TCEQ Program Area**

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

   Program ID: Click to enter text.

   Contact Name: Click to enter text.

   Phone Number: Click to enter text.

2. **Agent/Consultant Contact Information**

   Contact Name: Click to enter text.

   Address: Click to enter text.

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

   Phone Number: Click to enter text.

3. **Owner/Operator Contact Information**

   ☐ Owner ☐ Operator

   Owner/Operator Name: Click to enter text.

   Contact Name: Click to enter text.

   Address: Click to enter text.

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

   Phone Number: Click to enter text.

4. **Facility Contact Information**

   Facility Name: Click to enter text.

   Address: Click to enter text.

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

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

   Facility Contact Person: Click to enter text.

   Phone Number: Click to enter text.

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

Latitude: Click to enter text.

Longitude: Click to enter text.

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

Attach topographic quadrangle map as attachment A.

6. **Well Information**

Type of Well Construction, select one:

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

Number of Injection Wells: Click to enter text.

7. **Purpose**

Detailed Description regarding purpose of Injection System:

Click to enter text.

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

8. **Water Well Driller/Installer**

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

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

Phone Number: Click to enter text.

License Number: Click to enter text.

Section 2. Proposed Down Hole Design

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

Table 7.0(1) – Down Hole Design Table

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

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

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

System(s) Dimensions: Click to enter text.

System(s) Construction: Click to enter text.

Section 4. Site Hydrogeological and Injection Zone Data

1. Name of Contaminated Aquifer: Click to enter text.
2. Receiving Formation Name of Injection Zone: Click to enter text.
3. Well/Trench Total Depth: Click to enter text.
4. Surface Elevation: Click to enter text.
5. Depth to Ground Water: Click to enter text.
6. Injection Zone Depth: Click to enter text.
7. Injection Zone vertically isolated geologically? ☐ Yes ☐ No

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

   Name: Click to enter text.

   Thickness: Click to enter text.
8. Provide a list of contaminants and the levels (ppm) in contaminated aquifer

   Attach as Attachment E.
9. Horizontal and Vertical extent of contamination and injection plume

   Attach as Attachment F.
10. Formation (Injection Zone) Water Chemistry (Background levels) TDS, etc.

    Attach as Attachment G.
11. Injection Fluid Chemistry in PPM at point of injection

    Attach as Attachment H.
12. Lowest Known Depth of Ground Water with < 10,000 PPM TDS: Click to enter text.
13. Maximum injection Rate/Volume/Pressure: Click to enter text.
14. Water wells within 1/4 mile radius (attach map as Attachment I): Click to enter text.
15. Injection wells within 1/4 mile radius (attach map as Attachment J): Click to enter text.
16. Monitor wells within 1/4 mile radius (attach drillers logs and map as Attachment K): Click to enter text.
17. Sampling frequency: Click to enter text.
18. Known hazardous components in injection fluid: Click to enter text.

Section 5. Site History

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

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

Class V Injection Well Designations

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

Section 14. Laboratory Accreditation (Instructions Page 55)

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

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

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

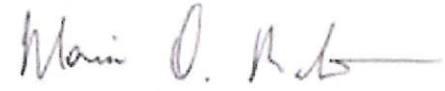
The following certification statement shall be signed and submitted with every application. See the Signature Page section in the Instructions, for a list of designated representatives who may sign the certification.

CERTIFICATION:

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

Printed Name: Monica O. Martin

Title: CEO, NWDLS

Signature: 

Date: 02/10/2025

Attachment 3

Treatment Process and Units

City of Beeville
Moore Street Wastewater Treatment Plant
WQ001024002

Treatment Process

for

City of Beeville - Moore Street Wastewater Treatment Plant

Treatment Process:

1. The type of treatment is called the Complete Mix Process with Gravity Thickening and Aerobic Digestion of sludge.
2. Complete Mix is a refinement of the Activated Sludge Process.
    a. In the Activated Sludge Process there is an aeration process followed by sedimentation. Activated Sludge from this sedimentation is then returned to the aeration process.
    b. During aeration, BOD5 is removed in two stages. First, the colloidal, finely suspended, and dissolved organics are absorbed in the activated sludge. In the second stage, oxidation, the absorbed organics are metabolically converted into new cell growth and by-products.
3. The sludge is thickened by removing a portion of the liquid, to reduce the volume of sludge that is to be digested. This is beneficial in that it reduces the size of the digesters.
4. Aerobic Digestion is a process for stabilization of organic sludges produced by various treatment operations. As the food supply for the micro-organisms is depleted, they begin to consume their own protoplasm to obtain energy. Even at the maximum loading, the sludge is retained in the aeration basins, the aerobic digester, and the sludge holding tank for 55 days, therefore, the sludge should always meet the requirements for Class "B" sludge, Reduction of volume of sludge of 8% in aeration and 30% in the aerobic digester can be expected.
5. The sludge is dewatered on a filter belt press and the dewatered sludge is then hauled to a sanitary landfill.

Treatment Requirements / Effluent Limitations

1. The influent domestic waste will be treated at approximately 97-98% efficiency reducing the suspended solids and BOD5 to the effluent quality required by the Texas Commission on Environmental Quality (TCEQ) and Environmental Protection Agency (EPA) NPDES discharge permits.

Description of Plant Type and Brief Description of Individual Units with Flow Patterns Described

1. Type of Treatment Plant
    a. The plant type is known as "Complete Mix" which is a variation of the "Activated Sludge Process"
2. Types of Wastewater Treated:
    a. Domestic wastewater is contributed by the collection system of the City of Beeville. This domestic wastewater flows by gravity to a lift station located at the Moore Street Wastewater Plant.
3. Design Flows:
    a. The plant design flows will vary from an average flow of 3.0 MGD to a 2-hour peak flow of 9.0 MGD.

4. Description of Individual Units with Flow Pattern Described:
    a. Bar Screen Structure:
        i. The bar screen structure contains a mechanical bar screen and a manual bar scree. The bar screen removes most of the floating material.
    b. Plant Lift Station:
        i. The screened wastewater discharges in the plant lift station which then lifts the wastewater into a grit basin.
    c. Influent Structure:
        i. The influent structure contains a grit basin and a splitter box. The grit basin removes non-organic settleable material. As flow leaves the grit basin, it is split equally to the two aeration basins.
    d. Aeration Basins:
        i. The flow into the aeration basins is mixed with return activated sludge from the clarifiers and the mixed liquor is oxygenated using horizontal mechanical (brush type) aerators.
    e. Clarifiers:
        i. The oxygenated mixed liquor then flows from the aeration basins to the clarifiers where settleable solids are separated from the liquid. The liquid flows to the chlorine contact chamber.
    f. Return Activated Sludge (RAS) Pump Station:
        i. The RAS pump station contains pumps that pump the solids to either the aeration basins or the sludge pre-thickener. The majority of the solids (sludge) is pumped to the aeration basins as return activated sludge and the remainder is pumped to the sludge pre-thickener as waste sludge.
    g. Chlorine Contact Chambers:
        i. The chlorine contact chamber is made up of chlorine contact basin #1 and #2. The chlorine contact chamber chlorine gas is mixed with the clarified water using two submersible induction units. The chlorinated liquid is retained for at least 20 minutes, depending on the rate of flow to the plant. A standby system using a chlorine solution is provided in the event that one of the two induction units is out of service for maintenance. The flow from the chlorine contact chamber discharges in to the flow measuring structure.
    h. Flow Measuring Structure:
        i. The flow measuring structure receives and measures flow coming from the treatment plant. The flow from the measuring structure is then sent to the dechlorination well.
    i. Dechlorination Well:
        i. In the dechlorination well, sulfur dioxide gas is mixed with the chlorinated effluent using a submersible induction unit. The residual chlorine is removed instantly. The induction unit for the sulfur dioxide is interchangeable with the induction unit for chlorine. If necessary, one of the chlorine induction units can be used for sulfur dioxide and ½ of the chlorine standby can be used for chlorine.
    j. Emergency Pump Station:

i. Flow from the dechlorination well flows to the emergency pump station. Under normal conditions, the treated effluent flows by gravity through the emergency pump station, through an outfall line to Poesta Creek. In the event the water level of Poesta Creek rises to a level where treated effluent cannot flow by gravity, a sluice gate in the emergency pump station is manually closed and a propeller pump is activated and deactivated by float switches as required to pump the treated effluent into the flooded stream.

k. Sludge Pre-Thickener:
    i. Waste sludge from the clarifiers is pumped to the sludge pre-thickener. The sludge pre-thickener functions in a similar manner to a clarifier by separating the sludge from the liquid. The liquid flows to the plant lift station where it is pumped to the grit basin for further treatment. The waste sludge is pumped to the aerobic digester.

l. Aerobic Digester:
    i. The aerobic digester aerates the waste sludge using the horizontal mechanical (disk type) aerators. This mixed liquor then flows to the sludge post-thickener.

m. Sludge Post-Thickener:
    i. The sludge post-thickener again separates the sludge from the liquid. The liquid flows to the plant lift station where it is pumped to the grit basin for further treatment. The waste sludge is pumped to the sludge holding tank.

n. Sludge Holding Tank and Sludge Dewatering Facility:
    i. Sludge is stored in the sludge holding tank until it can be dewatered using the filter belt press. The filtrate (liquid) flows to the plant lift station where it is pumped into the grit basin for further treatment. The dewatered sludge is hauled to a sanitary landfill for disposal.

Unit Specifications

for

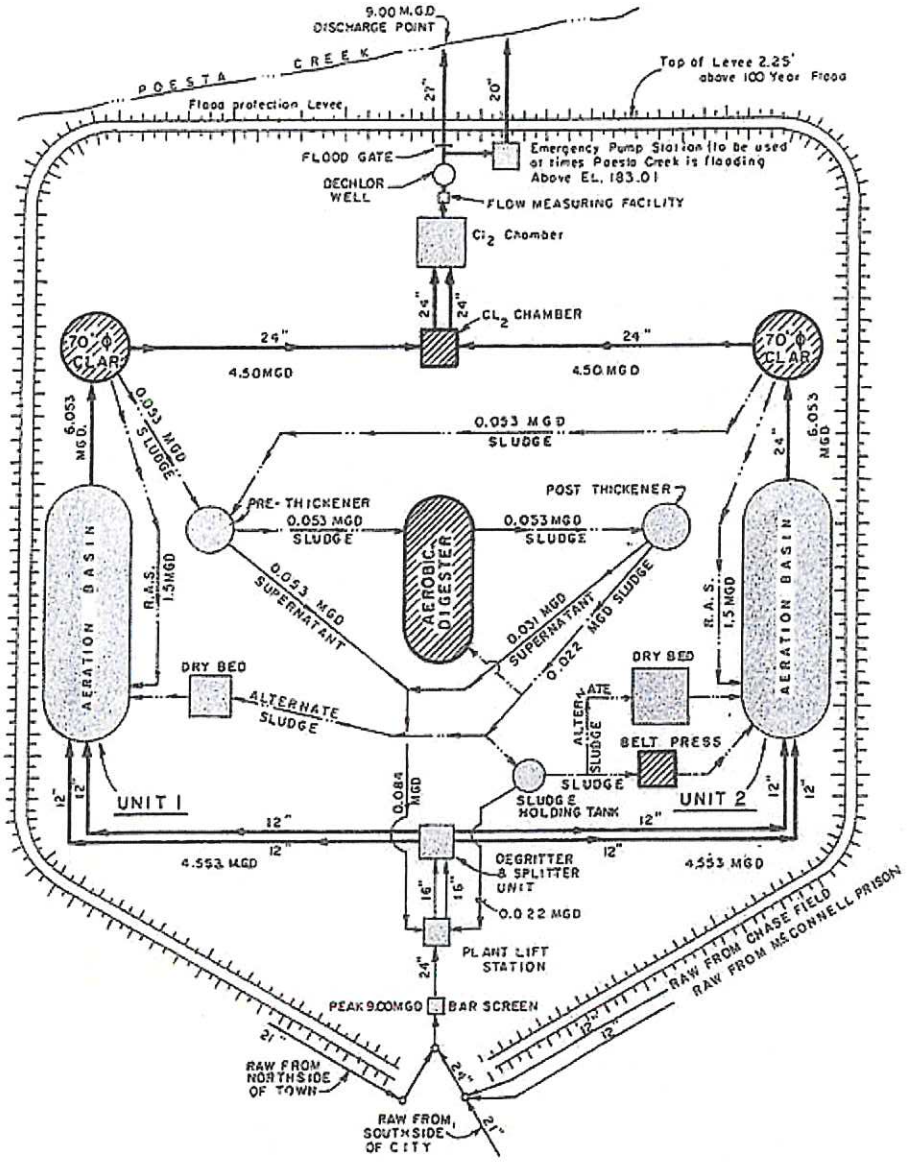
City of Beeville - Moore Street Wastewater Treatment Plant

UNIT	NUMBER	SIZE (DIMESIONS)
Manual Bar Screen	1	1.3' Wide X 8.5' High
Mechanical Bar Screen	1	2.5' Wide X 4' High
Lift Station	1	(2) Wet Wells, (1) Dry Well
Grit Removal	1	16' X 16' X 11.5' SWD
Aeration Basin	2	25' X 724' X 6.25' SWD
Clarifier	2	70' Diameter, 13' SWD
CL2 Contact Chamber	3 2	12' X 24' X 12.25' SWD 12' X 24' X 9.9 SWD
Dechlorination Chamber	1	6' Diameter
Pre-Thickener	1	54' Diameter, 9' SWD
Aerobic Digester	1 1	14.25' X 451', 10' SWD 19' X 336', 10' SWD
Post-Thickener	1	54' Diameter, 9' SWD
Sludge Holding Tank	1	40' Diameter, 27' SWD
Filter Belt Press	1	1.5-meter belt
Sludge Drying Beds	22	20' X 55'

Attachment 4

Process Flow Diagram

City of Beeville
Moore Street Wastewater Treatment Plant
WQ0010240002

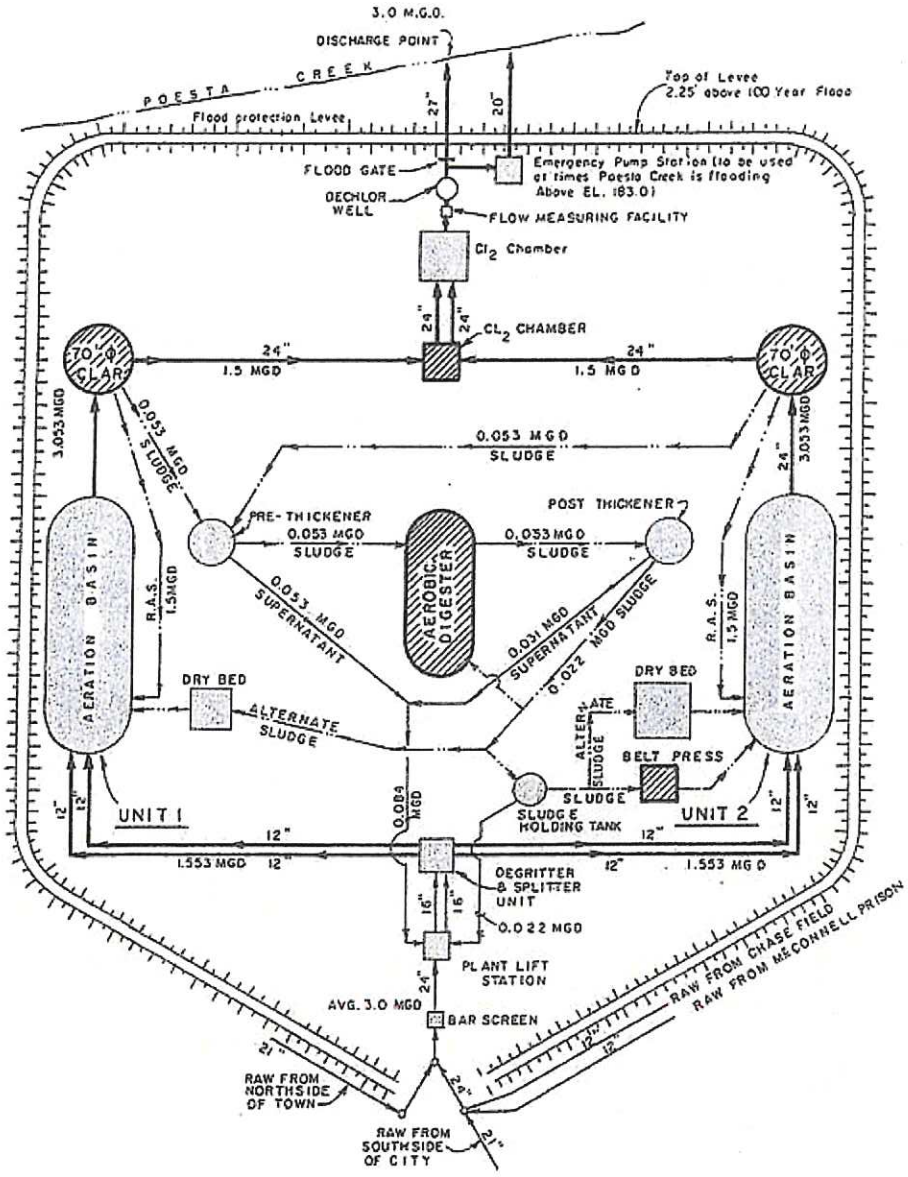


SCHEMATIC FLOW DIAGRAM
2 HOUR PEAK FLOW

NTS

CITY OF BEEVILLE, TEXAS
MOORE WATER TREATMENT PLANT &
WASTEWATER TREATMENT PLANT PROJECT
SCHEMATIC FLOW DIAGRAM
2 HOUR PEAK FLOW

December 2024



SCHEMATIC FLOW DIAGRAM
AVG. DAILY FLOW

N.T.S.

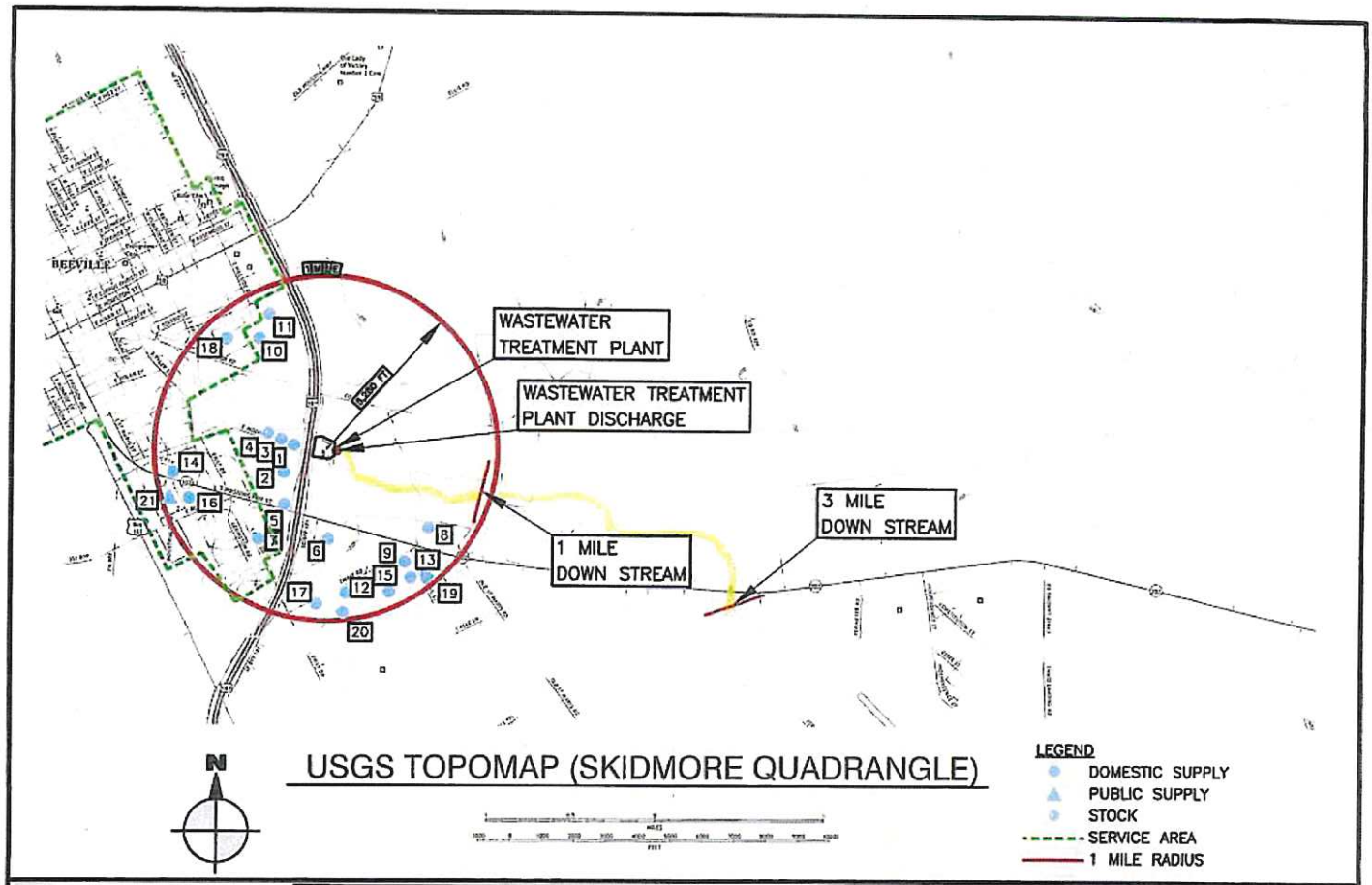
CITY OF BEEVILLE, TEXAS
MOORE WATER TREATMENT PLANT &
WASTEWATER TREATMENT PLANT PROJECT
SCHEMATIC FLOW DIAGRAM
AVG. DAILY FLOW

December 2024

Attachment 5

Site Drawing

City of Beeville
Moore Street Wastewater Treatment Plant
WQ001024002



CITY OF BEEVILLE, TEXAS
MOORE STREET WASTEWATER TREATMENT PLANT

7.5 Minute USGS Quadrangle

December 2024

Attachment 6

Analytical Reports

City of Beeville
Moore Street Wastewater Treatment Plant
WQ0010240002

NWDLS
North Water District Laboratory Services, Inc.

130 S. Trade Center Parkway, Conroe TX 77385
Tel: (936) 321-6060
Email: lab@nwdls.com
www. NWDLS.com

January 10, 2025

Laboratory Report

Patrick Bond
Inframark
32259 Morton Road
Brookshire, TX 77423

Report ID: 20250110101529RLR

Enclosed are the results of analyses for samples received by our laboratory on 12/03/2024 - 12/31/2024. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Rebecca Rabon For Aundra Noe
Project Manager

NWDLS
North Water District Laboratory Services, Inc.

130 S. Trade Center Parkway, Conroe TX 77385
Tel: (936) 321-6060
Email: lab@nwdls.com
www. NWDLS.com
TCEQ TX-C24-00185

Inframark
32259 Morton Road
Brookshire, TX 77423

Reported:
01/10/2025 10:15

City of Beeville - Moore Street - Non Potable

18 MOhm DI

Mercury ug/L

12/04/2024	08:00	<0.00500 [7]	12/04/2024	11:00	<0.00500 [7]	12/04/2024	14:00	<0.00500 [7]
12/11/2024	08:00	<0.00500 [7]	12/11/2024	11:00	<0.00500 [7]	12/11/2024	14:00	<0.00500 [7]
12/18/2024	08:00	<0.00500 [7]	12/18/2024	11:00	<0.00500 [7]	12/18/2024	14:00	<0.00500 [7]
12/25/2024	08:00	<0.00500 [7]	12/25/2024	09:00	<0.00500 [7]	12/25/2024	10:00	<0.00500 [7]

Monthly Average	<0.00500
Monthly Max	<0.00500

Influent

Ammonia as N mg/L

12/03/2024	07:30	17.9	12/05/2024	07:45	18.7	12/10/2024	07:35	20.9
12/12/2024	08:10	4.21	12/17/2024	08:10	22.1	12/19/2024	08:05	19.7
12/23/2024	08:10	22.2	12/26/2024	07:50	23.8	12/31/2024	08:35	24.4

Monthly Average	19.3
Monthly Max	24.4

Biochemical Oxygen Demand (BOD) mg/L

12/03/2024	07:30	77.1	12/05/2024	07:45	87.3	12/10/2024	07:35	127
12/12/2024	08:10	<50.0 [5] [7]	12/17/2024	08:10	183	12/19/2024	08:05	82.4
12/23/2024	08:10	62.6	12/26/2024	07:50	78.8	12/31/2024	08:35	115

Monthly Average	95.9
Monthly Max	183

Residue-nonfilterable (TSS) mg/L

12/03/2024	07:30	164	12/05/2024	07:45	28.0	12/10/2024	07:35	71.0
12/12/2024	08:10	39.6	12/17/2024	08:10	127	12/19/2024	08:05	54.0
12/23/2024	08:10	94.0	12/26/2024	07:50	45.3	12/31/2024	08:35	143

Monthly Average	85.1
Monthly Max	164

130 S. Trade Center Parkway, Conroe TX 77385
Tel: (936) 321-6060
Email: lab@nwdls.com
www. NWDLS.com
TCEQ TX-C24-00185

Inframark
32259 Morton Road
Brookshire, TX 77423

Reported:
01/10/2025 10:15

City of Beeville - Moore Street - Non Potable

Outfall 001

Escherichia coli (E. coli) MPN/100 mL

12/05/2024	07:45	25.3	12/12/2024	08:10	1990	12/19/2024	08:05	2.00
12/26/2024	07:50	1.00						

Monthly Geo Mean	17.8
Monthly Max	1,990

Mercury ug/L

12/04/2024	08:00	<0.00500 [7]	12/04/2024	11:00	<0.00500 [7]	12/04/2024	14:00	<0.00500 [7]
12/11/2024	08:00	<0.00500 [7]	12/11/2024	11:00	<0.00500 [7]	12/11/2024	14:00	<0.00500 [7]
12/18/2024	08:00	<0.00500 [7]	12/18/2024	11:00	<0.00500 [7]	12/18/2024	14:00	<0.00500 [7]
12/25/2024	08:00	<0.00500 [7]	12/25/2024	09:00	<0.00500 [7]	12/25/2024	10:00	<0.00500 [7]

Monthly Average	<0.00500
Monthly Max	<0.00500

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TCEQ TX-C24-00185

Inframark
32259 Morton Road
Brookshire, TX 77423

Reported:
01/10/2025 10:15

City of Beeville - Moore Street - Non Potable

Outfall 001 Sampler

Ammonia as N mg/L

12/04/2024 08:00	2.20	12/05/2024 05:00	4.55	12/10/2024 06:00	4.05
12/12/2024 05:00	2.46	12/17/2024 06:00	5.20	12/19/2024 05:00	6.50
12/23/2024 06:00	0.0930	12/26/2024 06:00	4.50	12/31/2024 06:00	4.95

Monthly Average	3.83
Monthly Max	6.50

Azinphos-methyl (Guthion) ug/L

12/05/2024 05:00	<0.0338 [1] [7]	12/12/2024 05:00	<0.0319 [7]	12/19/2024 05:00	<0.0335 [7]
12/26/2024 06:00	<0.0335 [7]				

Monthly Average	<0.0332
Monthly Max	<0.0338

Biochemical Oxygen Demand (BOD) mg/L

12/04/2024 08:00	<2.03 [7]

Monthly Average	<2.03
Monthly Max	<2.03

Carbonaceous BOD (CBOD) mg/L

12/05/2024 05:00	4.20 [2]	12/10/2024 06:00	3.78	12/12/2024 05:00	2.64
12/17/2024 06:00	3.68	12/19/2024 05:00	4.09 [2]	12/23/2024 06:00	4.42
12/26/2024 06:00	3.89	12/31/2024 06:00	5.96 [2]		

Monthly Average	4.08
Monthly Max	5.96

Chlorpyrifos ug/L

12/05/2024 05:00	<0.0260 [1] [7]	12/12/2024 05:00	<0.0246 [7]	12/19/2024 05:00	<0.0259 [7]
12/26/2024 06:00	<0.0258 [7]				

Monthly Average	<0.0256
Monthly Max	<0.0260

Residue-filterable (TDS) mg/L

12/04/2024 08:00	802	12/05/2024 05:00	806	12/10/2024 06:00	790
12/12/2024 05:00	808	12/17/2024 06:00	842	12/19/2024 05:00	902
12/23/2024 06:00	888	12/26/2024 06:00	882	12/31/2024 06:00	834

Monthly Average	839
Monthly Max	902

NWDLS
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TCEQ TX-C24-00185

Inframark
32259 Morton Road
Brookshire, TX 77423

Reported:
01/10/2025 10:15

City of Beeville - Moore Street - Non Potable

Outfall 001 Sampler

Residue-nonfilterable (TSS) mg/L

12/04/2024 08:00	1.05	12/05/2024 05:00	6.53	12/10/2024 06:00	7.68
12/12/2024 05:00	4.00	12/17/2024 06:00	7.47	12/19/2024 05:00	3.79
12/23/2024 06:00	3.05	12/26/2024 06:00	4.00	12/31/2024 06:00	7.37

Monthly Average	4.99
Monthly Max	7.68

Sulfate mg/L

12/04/2024 08:00	62.3	12/05/2024 05:00	65.8	12/10/2024 06:00	61.5
12/12/2024 05:00	67.2	12/17/2024 06:00	67.9	12/19/2024 05:00	79.7
12/23/2024 06:00	81.5	12/26/2024 06:00	77.6	12/31/2024 06:00	65.7

Monthly Average	69.9
Monthly Max	81.5

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Inframark
32259 Morton Road
Brookshire, TX 77423

Reported:
01/10/2025 10:15

Special Notes

1 - CQ	=	The method required frequency of the matrix spike duplicate was not met due to sample volume limitations. Lab precision demonstrated through LCS/LCSD.
2 - FF	=	The blank for biochemical oxygen demand depleted more than the method limit of 0.20 mg/l.
3 - J	=	Estimated value - The reported value is between the detection limit and reporting limit.
4 - J1	=	Estimated value - The reported value is outside the established quality control criteria for accuracy and/or precision.
5 - J4	=	Estimated value and sample is less than value - No dilution produced a depletion of 2 mg/L of DO or greater, oxygen demand of sample was less than anticipated.
6 - S	=	The surrogate recovery was outside the established laboratory recovery limit.
7 - U	=	Non-detected compound.

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January 10, 2025

Laboratory Report

Patrick Bond
Inframark
32259 Morton Road
Brookshire, TX 77423

Report ID: 20250110101939RLR

The following test results meet all NELAP requirements for analytes for which certification is available. Any deviations from our quality system will be noted in the case narrative. All analyses performed by North Water District Laboratory Services, Inc. unless noted.

For questions regarding this report, contact Monica Martin at 936-321-6060.

Sincerely,

Rebecca Rabon For Aundra Noe
Project Manager

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32259 Morton Road
Brookshire, TX 77423

Reported:
01/10/2025 10:19

Sample Results

Client Sample ID: 18 MOhm DI
Lab Sample ID: 24L0025-01
Beeville - Moore Street - Non Potable - Grab 1 [none]

Sample Matrix: 18 MOhm DI Water
Date Collected: 12/04/2024 8:00
Collected by: Rene Dominguez

Method	Analyte	*	Result	Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
Metals, Total											
EPA 1631E	Mercury	A	<0.00500	U	ug/L	1	0.00250	0.00500	BHL1122	12/11/2024 13:19	TBB

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Brookshire, TX 77423

Reported:
01/10/2025 10:19

Sample Results
(Continued)

Client Sample ID: Outfall 001
Lab Sample ID: 24L0025-02
Beeville - Moore Street - Non Potable - Grab 1 [none]

Sample Matrix: Waste Water
Date Collected: 12/04/2024 8:00
Collected by: Rene Dominguez

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
Metals, Total										
EPA 1631E	Mercury	A	<0.00500U	ug/L	1	0.00250	0.00500	BHL1122	12/11/2024 13:23	TBB

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Reported:
01/10/2025 10:19

Sample Results
(Continued)

Client Sample ID: 18 MOhm DI
Lab Sample ID: 24L0026-01
Beeville - Moore Street - Non Potable - Grab 2 [none]

Sample Matrix: 18 MOhm DI Water
Date Collected: 12/04/2024 11:00
Collected by: Rene Dominguez

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
Metals, Total										
EPA 1631E	Mercury	A	<0.00500U	ug/L	1	0.00250	0.00500	BHL1122	12/11/2024 13:28	TBB

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Reported:
01/10/2025 10:19

Sample Results
(Continued)

Client Sample ID: Outfall 001
Lab Sample ID: 24L0026-02
Beeville - Moore Street - Non Potable - Grab 2 [none]

Sample Matrix: Waste Water
Date Collected: 12/04/2024 11:00
Collected by: Rene Dominguez

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
Metals, Total										
EPA 1631E	Mercury	A	<0.00500U	ug/L	1	0.00250	0.00500	BHL1122	12/11/2024 13:33	TBB

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Reported:
01/10/2025 10:19

Sample Results
(Continued)

Client Sample ID: 18 MOhm DI
Lab Sample ID: 24L0027-01
Beeville - Moore Street - Non Potable - Grab 3 [none]

Sample Matrix: 18 MOhm DI Water
Date Collected: 12/04/2024 14:00
Collected by: Rene Dominguez

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
Metals, Total										
EPA 1631E	Mercury	A	<0.00500U	ug/L	1	0.00250	0.00500	BHL1122	12/11/2024 13:38	TBB

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Reported:
01/10/2025 10:19

Sample Results
(Continued)

Client Sample ID: Outfall 001
Lab Sample ID: 24L0027-02
Beeville - Moore Street - Non Potable - Grab 3 [none]

Sample Matrix: Waste Water
Date Collected: 12/04/2024 14:00
Collected by: Rene Dominguez

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
Metals, Total										
EPA 1631E	Mercury	A	<0.00500U	ug/L	1	0.00250	0.00500	BHL1122	12/11/2024 13:47	TBB

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Reported:
01/10/2025 10:19

Sample Results
(Continued)

Client Sample ID: 18 MOhm DI
Lab Sample ID: 24L0028-01
Beeville - Moore Street - Non Potable - Grab 1 [none]

Sample Matrix: 18 MOhm DI Water
Date Collected: 12/11/2024 8:00
Collected by: Rene Dominguez

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
Metals, Total										
EPA 1631E	Mercury	A	<0.00500U	ug/L	1	0.00250	0.00500	BHL1756	12/13/2024 12:57	TBB

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Reported:
01/10/2025 10:19

Sample Results
(Continued)

Client Sample ID: Outfall 001
Lab Sample ID: 24L0028-02
Beeville - Moore Street - Non Potable - Grab 1 [none]

Sample Matrix: Waste Water
Date Collected: 12/11/2024 8:00
Collected by: Rene Dominguez

Method	Analyte	*	Result	Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
Metals, Total											
EPA 1631E	Mercury	A	<0.00500	U	ug/L	1	0.00250	0.00500	BHL1756	12/13/2024 13:01	TBB

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Reported:
01/10/2025 10:19

Sample Results
(Continued)

Client Sample ID: 18 MOhm DI
Lab Sample ID: 24L0029-01
Beeville - Moore Street - Non Potable - Grab 2 [none]

Sample Matrix: 18 MOhm DI Water
Date Collected: 12/11/2024 11:00
Collected by: Rene Dominguez

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
Metals, Total										
EPA 1631E	Mercury	A	<0.00500U	ug/L	1	0.00250	0.00500	BHL1756	12/13/2024 12:23	TBB

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Reported:
01/10/2025 10:19

Sample Results
(Continued)

Client Sample ID: Outfall 001
Lab Sample ID: 24L0029-02
Beeville - Moore Street - Non Potable - Grab 2 [none]

Sample Matrix: Waste Water
Date Collected: 12/11/2024 11:00
Collected by: Rene Dominguez

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
Metals, Total										
EPA 1631E	Mercury	A	<0.00500U	ug/L	1	0.00250	0.00500	BHL1756	12/13/2024 12:28	TBB

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01/10/2025 10:19

Sample Results
(Continued)

Client Sample ID: 18 MOhm DI
Lab Sample ID: 24L0030-01
Beeville - Moore Street - Non Potable - Grab 3 [none]

Sample Matrix: 18 MOhm DI Water
Date Collected: 12/11/2024 14:00
Collected by: Rene Dominguez

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
Metals, Total										
EPA 1631E	Mercury	A	<0.00500U	ug/L	1	0.00250	0.00500	BHL1756	12/13/2024 12:37	TBB

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01/10/2025 10:19

Sample Results
(Continued)

Client Sample ID: Outfall 001
Lab Sample ID: 24L0030-02
Beeville - Moore Street - Non Potable - Grab 3 [none]

Sample Matrix: Waste Water
Date Collected: 12/11/2024 14:00
Collected by: Rene Dominguez

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
Metals, Total										
EPA 1631E	Mercury	A	<0.00500U	ug/L	1	0.00250	0.00500	BHL1756	12/13/2024 12:42	TBB

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Reported:
01/10/2025 10:19

Sample Results
(Continued)

Client Sample ID: 18 MOhm DI
Lab Sample ID: 24L0545-01
Beeville - Moore Street - Non Potable - Grab 1 [none]

Sample Matrix: 18 MOhm DI Water
Date Collected: 12/18/2024 8:00
Collected by: Rene Dominguez

Method	Analyte	*	Result	Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
Metals, Total											
EPA 1631E	Mercury	A	<0.00500	U	ug/L	1	0.00250	0.00500	BHL3028	12/26/2024 13:58	TBB

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Reported:
01/10/2025 10:19

Sample Results
(Continued)

Client Sample ID: Outfall 001
Lab Sample ID: 24L0545-02
Beeville - Moore Street - Non Potable - Grab 1 [none]

Sample Matrix: Waste Water
Date Collected: 12/18/2024 8:00
Collected by: Rene Dominguez

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
Metals, Total										
EPA 1631E	Mercury	A	<0.00500U	ug/L	1	0.00250	0.00500	BHL3028	12/26/2024 14:03	TBB

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Reported:
01/10/2025 10:19

Sample Results
(Continued)

Client Sample ID: 18 MOhm DI
Lab Sample ID: 24L0546-01
Beeville - Moore Street - Non Potable - Grab 2 [none]

Sample Matrix: 18 MOhm DI Water
Date Collected: 12/18/2024 11:00
Collected by: Rene Dominguez

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
Metals, Total										
EPA 1631E	Mercury	A	<0.00500U	ug/L	1	0.00250	0.00500	BHL3028	12/26/2024 14:07	TBB

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Inframark
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Reported:
01/10/2025 10:19

Sample Results
(Continued)

Client Sample ID: Outfall 001
Lab Sample ID: 24L0546-02
Beeville - Moore Street - Non Potable - Grab 2 [none]

Sample Matrix: Waste Water
Date Collected: 12/18/2024 11:00
Collected by: Rene Dominguez

Method	Analyte	*	Result	Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
Metals, Total											
EPA 1631E	Mercury	A	<0.00500	U	ug/L	1	0.00250	0.00500	BHL3028	12/26/2024 14:44	TBB

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Reported:
01/10/2025 10:19

Sample Results
(Continued)

Client Sample ID: 18 MOhm DI
Lab Sample ID: 24L0547-01
Beeville - Moore Street - Non Potable - Grab 3 [none]

Sample Matrix: 18 MOhm DI Water
Date Collected: 12/18/2024 14:00
Collected by: Rene Dominguez

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
Metals, Total										
EPA 1631E	Mercury	A	<0.00500U	ug/L	1	0.00250	0.00500	BHL3028	12/26/2024 14:49	TBB

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Reported:
01/10/2025 10:19

Sample Results
(Continued)

Client Sample ID: Outfall 001
Lab Sample ID: 24L0547-02
Beeville - Moore Street - Non Potable - Grab 3 [none]

Sample Matrix: Waste Water
Date Collected: 12/18/2024 14:00
Collected by: Rene Dominguez

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
Metals, Total										
EPA 1631E	Mercury	A	<0.00500U	ug/L	1	0.00250	0.00500	BHL3028	12/26/2024 14:59	TBB

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Reported:
01/10/2025 10:19

Sample Results
(Continued)

Client Sample ID: 18 MOhm DI
Lab Sample ID: 24L0548-01
Beeville - Moore Street - Non Potable - Grab 1 [none]

Sample Matrix: 18 MOhm DI Water
Date Collected: 12/25/2024 8:00
Collected by: Robert Soliz

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
Metals, Total										
EPA 1631E	Mercury	A	<0.00500U	ug/L	1	0.00250	0.00500	BHL3674	12/31/2024 13:31	TBB

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Reported:
01/10/2025 10:19

Sample Results
(Continued)

Client Sample ID: Outfall 001
Lab Sample ID: 24L0548-02
Beeville - Moore Street - Non Potable - Grab 1 [none]

Sample Matrix: Waste Water
Date Collected: 12/25/2024 8:00
Collected by: Robert Soliz

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
Metals, Total										
EPA 1631E	Mercury	A	<0.00500U	ug/L	1	0.00250	0.00500	BHL3674	12/31/2024 13:36	TBB

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Reported:
01/10/2025 10:19

Sample Results
(Continued)

Client Sample ID: 18 MOhm DI
Lab Sample ID: 24L0549-01
Beeville - Moore Street - Non Potable - Grab 2 [none]

Sample Matrix: 18 MOhm DI Water
Date Collected: 12/25/2024 9:00
Collected by: Robert Soliz

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
Metals, Total										
EPA 1631E	Mercury	A	<0.00500U	ug/L	1	0.00250	0.00500	BHL3674	12/31/2024 13:40	TBB

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Reported:
01/10/2025 10:19

Sample Results
(Continued)

Client Sample ID: Outfall 001
Lab Sample ID: 24L0549-02
Beeville - Moore Street - Non Potable - Grab 2 [none]

Sample Matrix: Waste Water
Date Collected: 12/25/2024 9:00
Collected by: Robert Soliz

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
Metals, Total										
EPA 1631E	Mercury	A	<0.00500U	ug/L	1	0.00250	0.00500	BHL3674	12/31/2024 13:45	TBB

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Reported:
01/10/2025 10:19

Sample Results
(Continued)

Client Sample ID: 18 MOhm DI
Lab Sample ID: 24L0550-01
Beeville - Moore Street - Non Potable - Grab 3 [none]

Sample Matrix: 18 MOhm DI Water
Date Collected: 12/25/2024 10:00
Collected by: Robert Soliz

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
Metals, Total										
EPA 1631E	Mercury	A	<0.00500U	ug/L	1	0.00250	0.00500	BHL3674	12/31/2024 13:55	TBB

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Reported:
01/10/2025 10:19

Sample Results
(Continued)

Client Sample ID: Outfall 001
Lab Sample ID: 24L0550-02
Beeville - Moore Street - Non Potable - Grab 3 [none]

Sample Matrix: Waste Water
Date Collected: 12/25/2024 10:00
Collected by: Robert Soliz

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
Metals, Total										
EPA 1631E	Mercury	A	<0.00500U	ug/L	1	0.00250	0.00500	BHL3674	12/31/2024 14:00	TBB

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32259 Morton Road
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Reported:
01/10/2025 10:19

Sample Results
(Continued)

Client Sample ID: Influent
Lab Sample ID: 24L1104-03
Beeville - Moore Street - Non Potable - Bi Weekly [none]

Sample Matrix: Waste Water
Date Collected: 12/03/2024 7:30
Collected by: George Whalen

Method	Analyte	*	Result	Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
General Chemistry											
SM 5210 B	Biochemical Oxygen Demand (BOD)	A	77.1		mg/L	25	50.0	50.0	BHL0347	12/09/2024 11:53	BAK
EPA 350.1	Ammonia as N	A	17.9		mg/L	100	2.00	5.00	BHL0717	12/05/2024 16:19	GJG
SM 2540 D	Residue-nonfilterable (TSS)	A	164		mg/L	1	1.00	1.00	BHL0403	12/05/2024 11:38	JRU

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Sample Results
(Continued)

Client Sample ID: Outfall 001 Sampler
Lab Sample ID: 24L1506-02
City of Beeville - Moore Street - NP- Outfall Only [none]

Sample Matrix: Waste Water
Date Collected: 12/04/2024 8:00
Collected by: Derek Henry

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
General Chemistry										
SM 5210 B	Biochemical Oxygen Demand (BOD)	A	<2.03U	mg/L	13514	2.03	2.03	BHL0347	12/09/2024 12:25	BAK
EPA 350.1	Ammonia as N	A	2.20	mg/L	20	0.280	0.800	BHL0711	12/06/2024 13:29	AMM
EPA 300.0	Sulfate	A	62.3	mg/L	20	0.682	20.0	BHL0668	12/05/2024 18:23	EM
SM 2540 C	Residue-filterable (TDS)	A	802	mg/L	1	10.0	10.0	BHL0813	12/09/2024 10:27	BP
SM 2540 D	Residue-nonfilterable (TSS)	A	1.05	mg/L	1	1.00	1.00	BHL0588	12/06/2024 12:18	BP

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Sample Results
(Continued)

Client Sample ID: Outfall 001 Sampler
Lab Sample ID: 24L1763-02
Beeville - Moore Street - Non Potable - Bi Weekly [none]

Sample Matrix: Waste Water
Date Collected: 12/05/2024 5:00
Collected by: Fernando Alvarez

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
General Chemistry										
SM 5210 B	Carbonaceous BOD (CBOD)	A	4.20FF	mg/L	1.2	2.40	2.40	BHL0806	12/11/2024 10:00	BAK
EPA 350.1	Ammonia as N	A	4.55	mg/L	50	0.700	2.00	BHL0948	12/09/2024 14:15	AMM
EPA 300.0	Sulfate	A	65.8	mg/L	20	0.682	20.0	BHL1087	12/09/2024 19:02	EM
SM 2540 C	Residue-filterable (TDS)	A	806	mg/L	1	10.0	10.0	BHL0812	12/09/2024 12:46	JRU
SM 2540 D	Residue-nonfilterable (TSS)	A	6.53	mg/L	1	1.00	1.00	BHL0816	12/09/2024 09:28	JRU

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Sample Results
(Continued)

Client Sample ID: Influent
Lab Sample ID: 24L1763-03
Beeville - Moore Street - Non Potable - Bi Weekly [none]

Sample Matrix: Waste Water
Date Collected: 12/05/2024 7:45
Collected by: Fernando Alvarez

Method	Analyte	*	Result	Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
General Chemistry											
SM 5210 B	Biochemical Oxygen Demand (BOD)	A	87.3		mg/L	25	50.0	50.0	BHL0805	12/11/2024 09:40	BAK
EPA 350.1	Ammonia as N	A	18.7		mg/L	100	2.00	5.00	BHL1508	12/11/2024 18:59	GJG
SM 2540 D	Residue-nonfilterable (TSS)	A	28.0		mg/L	1	1.00	1.00	BHL1088	12/10/2024 07:56	JRU

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Sample Results
(Continued)

Client Sample ID: Outfall 001
Lab Sample ID: 24L1764-01
Beeville - Moore Street - Non Potable - Weekly [none]

Sample Matrix: Waste Water
Date Collected: 12/05/2024 7:45
Collected by: Fernando Alvarez

Method	Analyte	*	Result	Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
Microbiology											
SM 9223 B (Colilert Quanti-Tray)	Escherichia coli (E. coli)	A	25.3		MPN/100 mL	1	1.00	1.00	BHL0742	12/06/2024 16:24	JLU

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Sample Results
(Continued)

Client Sample ID: Outfall 001 Sampler
Lab Sample ID: 24L1764-02
Beeville - Moore Street - Non Potable - Weekly [none]

Sample Matrix: Waste Water
Date Collected: 12/05/2024 5:00
Collected by: Fernando Alvarez

Method	Analyte	*	Result	Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
Organics by GC											
EPA 1657	Azinphos-methyl (Guthion)	A	<0.0338	CQ, U	ug/L	1	0.0338	0.101	BHL0900	12/09/2024 00:49	cdg
EPA 1657	Chlorpyrifos	A	<0.0260	CQ, U	ug/L	1	0.0260	0.0507	BHL0900	12/09/2024 00:49	cdg
EPA 1657	*Surrogate: Tributyl Phosphate-surr*		*73.9%*	*CQ*	*40-120*					*12/09/2024 00:49*	
EPA 1657	*Surrogate: Triphenyl Phosphate-surr*		*50.5%*	*CQ*	*40-120*					*12/09/2024 00:49*	

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Sample Results
(Continued)

Client Sample ID: Outfall 001 Sampler
Lab Sample ID: 24L2236-02
Beeville - Moore Street - Non Potable - Bi Weekly [none]

Sample Matrix: Waste Water
Date Collected: 12/10/2024 6:00
Collected by: George Whalen

Method	Analyte	*	Result	Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
General Chemistry											
SM 5210 B	Carbonaceous BOD (CBOD)	A	3.78		mg/L	13514	2.03	2.03	BHL1437	12/16/2024 10:01	BAK
EPA 350.1	Ammonia as N	A	4.05		mg/L	50	0.700	2.00	BHL1505	12/11/2024 15:13	AMM
EPA 300.0	Sulfate	A	61.5		mg/L	20	0.682	20.0	BHL1496	12/11/2024 13:18	EM
SM 2540 C	Residue-filterable (TDS)	A	790		mg/L	1	10.0	10.0	BHL1434	12/12/2024 13:57	BP
SM 2540 D	Residue-nonfilterable (TSS)	A	7.68		mg/L	1	1.00	1.00	BHL1600	12/13/2024 07:01	JRU

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Sample Results
(Continued)

Client Sample ID: Influent
Lab Sample ID: 24L2236-03
Beeville - Moore Street - Non Potable - Bi Weekly [none]

Sample Matrix: Waste Water
Date Collected: 12/10/2024 7:35
Collected by: George Whalen

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
General Chemistry										
SM 5210 B	Biochemical Oxygen Demand (BOD)	A	127	mg/L	25	50.0	50.0	BHL1436	12/16/2024 12:00	BAK
EPA 350.1	Ammonia as N	A	20.9	mg/L	100	2.00	5.00	BHL1537	12/11/2024 16:01	GJG
SM 2540 D	Residue-nonfilterable (TSS)	A	71.0	mg/L	1	1.00	1.00	BHL1906	12/16/2024 10:44	BP

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Sample Results
(Continued)

Client Sample ID: Outfall 001 Sampler
Lab Sample ID: 24L2585-02
Beeville - Moore Street - Non Potable - Bi Weekly [none]

Sample Matrix: Waste Water
Date Collected: 12/12/2024 5:00
Collected by: Fernando Alvarez

Method	Analyte	*	Result	Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
General Chemistry											
SM 5210 B	Carbonaceous BOD (CBOD)	A	2.64		mg/L	13514	2.03	2.03	BHL1889	12/18/2024 09:52	BAK
EPA 350.1	Ammonia as N	A	2.46		mg/L	20	0.280	0.800	BHL1943	12/13/2024 13:36	TBB
EPA 300.0	Sulfate	A	67.2		mg/L	1	0.0341	1.00	BHL1750	12/12/2024 21:17	EM
SM 2540 C	Residue-filterable (TDS)	A	808		mg/L	1	10.0	10.0	BHL1891	12/16/2024 11:18	JRU
SM 2540 D	Residue-nonfilterable (TSS)	A	4.00		mg/L	1	1.00	1.00	BHL1992	12/16/2024 10:26	JRU

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Sample Results
(Continued)

Client Sample ID: Influent
Lab Sample ID: 24L2585-03
Beeville - Moore Street - Non Potable - Bi Weekly [none]

Sample Matrix: Waste Water
Date Collected: 12/12/2024 8:10
Collected by: Fernando Alvarez

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
General Chemistry										
SM 5210 B	Biochemical Oxygen Demand (BOD)	A	<50.0U, J4	mg/L	25	50.0	50.0	BHL1888	12/18/2024 09:10	BAK
EPA 350.1	Ammonia as N	A	4.21	mg/L	10	0.200	0.500	BHL1987	12/13/2024 17:14	GJG
SM 2540 D	Residue-nonfilterable (TSS)	A	39.6	mg/L	1	1.00	1.00	BHL2092	12/17/2024 09:47	JRU

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Sample Results
(Continued)

Client Sample ID: Outfall 001
Lab Sample ID: 24L2586-01
Beeville - Moore Street - Non Potable - Weekly [none]

Sample Matrix: Waste Water
Date Collected: 12/12/2024 8:10
Collected by: Fernando Alvarez

Method	Analyte	*	Result	Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
Microbiology											
SM 9223 B (Colilert Quanti-Tray)	Escherichia coli (E. coli)	A	1990		MPN/100 mL	1	1.00	1.00	BHL1744	12/13/2024 13:02	SCH

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Sample Results
(Continued)

Client Sample ID: Outfall 001 Sampler
Lab Sample ID: 24L2586-02
Beeville - Moore Street - Non Potable - Weekly [none]

Sample Matrix: Waste Water
Date Collected: 12/12/2024 5:00
Collected by: Fernando Alvarez

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
Organics by GC										
EPA 1657	Azinphos-methyl (Guthion)	A	<0.0319U	ug/L	1	0.0319	0.100	BHL2567	12/22/2024 06:55	cdg
EPA 1657	Chlorpyrifos	A	<0.0246U	ug/L	1	0.0246	0.0500	BHL2567	12/22/2024 06:55	cdg
EPA 1657	*Surrogate: Tributyl Phosphate-surr*		*10.2% S*	*40-120*					*12/22/2024 06:55*	
EPA 1657	*Surrogate: Triphenyl Phosphate-surr*		*6.27% S*	*40-120*					*12/22/2024 06:55*	

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Sample Results
(Continued)

Client Sample ID: Outfall 001 Sampler
Lab Sample ID: 24L3102-02
Beeville - Moore Street - Non Potable - Bi Weekly [none]

Sample Matrix: Waste Water
Date Collected: 12/17/2024 6:00
Collected by: Andrew Rodriguez

Method	Analyte	*	Result	Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
General Chemistry											
SM 5210 B	Carbonaceous BOD (CBOD)	A	3.68		mg/L	13514	2.03	2.03	BHL2354	12/23/2024 11:58	BAK
EPA 350.1	Ammonia as N	A	5.20		mg/L	50	0.700	2.00	BHL2452	12/19/2024 11:55	AMM
EPA 300.0	Sulfate	A	67.9		mg/L	20	0.682	20.0	BHL2437	12/18/2024 18:12	AGZ
SM 2540 C	Residue-filterable (TDS)	A	842		mg/L	1	10.0	10.0	BHL2355	12/19/2024 14:27	BP
SM 2540 D	Residue-nonfilterable (TSS)	A	7.47		mg/L	1	1.00	1.00	BHL2361	12/19/2024 09:49	JRU

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Sample Results
(Continued)

Client Sample ID: Influent
Lab Sample ID: 24L3102-03
Beeville - Moore Street - Non Potable - Bi Weekly [none]

Sample Matrix: Waste Water
Date Collected: 12/17/2024 8:10
Collected by: Andrew Rodriguez

Method	Analyte	*	Result	Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
General Chemistry											
SM 5210 B	Biochemical Oxygen Demand (BOD)	A	183		mg/L	25	50.0	50.0	BHL2353	12/23/2024 11:40	BAK
EPA 350.1	Ammonia as N	A	22.1		mg/L	100	2.00	5.00	BHL2547	12/19/2024 12:10	GJG
SM 2540 D	Residue-nonfilterable (TSS)	A	127		mg/L	1	1.00	1.00	BHL2530	12/20/2024 07:00	BP

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Sample Results
(Continued)

Client Sample ID: Outfall 001 Sampler
Lab Sample ID: 24L3530-02
Beeville - Moore Street - Non Potable - Bi Weekly [none]

Sample Matrix: Waste Water
Date Collected: 12/19/2024 5:00
Collected by: Fernando Alvarez

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
General Chemistry										
SM 5210 B	Carbonaceous BOD (CBOD)	A	4.09 FF	mg/L	13514	2.03	2.03	BHL2736	12/25/2024 09:28	BAK
EPA 350.1	Ammonia as N	A	6.50	mg/L	100	1.40	4.00	BHL2843	12/20/2024 15:37	AMM
EPA 300.0	Sulfate	A	79.7	mg/L	20	0.682	20.0	BHL2808	12/20/2024 12:55	AGZ
SM 2540 C	Residue-filterable (TDS)	A	902	mg/L	1	10.0	10.0	BHL2726	12/23/2024 10:27	JRU
SM 2540 D	Residue-nonfilterable (TSS)	A	3.79	mg/L	1	1.00	1.00	BHL2955	12/26/2024 10:10	JRU

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Sample Results
(Continued)

Client Sample ID: Influent
Lab Sample ID: 24L3530-03
Beeville - Moore Street - Non Potable - Bi Weekly [none]

Sample Matrix: Waste Water
Date Collected: 12/19/2024 8:05
Collected by: Fernando Alvarez

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
General Chemistry										
SM 5210 B	Biochemical Oxygen Demand (BOD)	A	82.4	mg/L	25	50.0	50.0	BHL2735	12/25/2024 10:03	BAK
EPA 350.1	Ammonia as N	A	19.7	mg/L	100	2.00	5.00	BHL2867	12/20/2024 15:15	GJG
SM 2540 D	Residue-nonfilterable (TSS)	A	54.0	mg/L	1	1.00	1.00	BHL2978	12/26/2024 07:04	BP

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Sample Results
(Continued)

Client Sample ID: Outfall 001
Lab Sample ID: 24L3531-01
Beeville - Moore Street - Non Potable - Weekly [none]

Sample Matrix: Waste Water
Date Collected: 12/19/2024 8:05
Collected by: Fernando Alvarez

Method	Analyte	*	Result	Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
Microbiology											
SM 9223 B (Colilert Quanti-Tray)	Escherichia coli (E. coli)	A	2.00		MPN/100 mL	1	1.00	1.00	BHL2706	12/20/2024 16:30	SCH

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Sample Results
(Continued)

Client Sample ID: Outfall 001 Sampler
Lab Sample ID: 24L3531-02RE1
Beeville - Moore Street - Non Potable - Weekly [none]

Sample Matrix: Waste Water
Date Collected: 12/19/2024 5:00
Collected by: Fernando Alvarez

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
Organics by GC										
EPA 1657	Azinphos-methyl (Guthion) (Rerun)	A	<0.0335U	ug/L	1	0.0335	0.101	BHL3303	12/28/2024 01:25	cdg
EPA 1657	Chlorpyrifos (Rerun)	A	<0.0259U	ug/L	1	0.0259	0.0504	BHL3303	12/28/2024 01:25	cdg
EPA 1657	*Surrogate: Tributyl Phosphate-surr (Rerun)*		*122% S*	*40-120*					*12/28/2024 01:25*	
EPA 1657	*Surrogate: Triphenyl Phosphate-surr (Rerun)*		*83.7%*	*40-120*					*12/28/2024 01:25*	

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Sample Results
(Continued)

Client Sample ID: Outfall 001 Sampler
Lab Sample ID: 24L3879-02
Beeville - Moore Street - Non Potable - Bi Weekly [none]

Sample Matrix: Waste Water
Date Collected: 12/23/2024 6:00
Collected by: George Whalen

Method	Analyte	*	Result	Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
General Chemistry											
SM 5210 B	Carbonaceous BOD (CBOD)	A	4.42		mg/L	13514	2.03	2.03	BHL3103	12/29/2024 09:57	GOG
EPA 350.1	Ammonia as N	A	0.0930		mg/L	1	0.0140	0.0400	BHL3166	12/27/2024 11:16	NAZ
SM 2540 C	Residue-filterable (TDS)	A	888		mg/L	1	10.0	10.0	BHL3182	12/27/2024 11:26	BP
SM 2540 D	Residue-nonfilterable (TSS)	A	3.05		mg/L	1	1.00	1.00	BHL3191	12/27/2024 13:15	MAP

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Sample Results
(Continued)

Client Sample ID: Outfall 001 Sampler
Lab Sample ID: 24L3879-02RE1
Beeville - Moore Street - Non Potable - Bi Weekly [none]

Sample Matrix: Waste Water
Date Collected: 12/23/2024 6:00
Collected by: George Whalen

Method	Analyte	*	Result	Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
General Chemistry											
EPA 300.0	Sulfate (Rerun)	A	81.5		mg/L	20	0.682	20.0	BHL3188	12/26/2024 17:59	AGZ

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Sample Results
(Continued)

Client Sample ID: Influent
Lab Sample ID: 24L3879-03
Beeville - Moore Street - Non Potable - Bi Weekly [none]

Sample Matrix: Waste Water
Date Collected: 12/23/2024 8:10
Collected by: George Whalen

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
General Chemistry										
SM 5210 B	Biochemical Oxygen Demand (BOD)	A	62.6	mg/L	25	50.0	50.0	BHL3102	12/29/2024 09:47	GOG
EPA 350.1	Ammonia as N	A	22.2	mg/L	100	2.00	5.00	BHL3330	12/26/2024 16:09	GJG
SM 2540 D	Residue-nonfilterable (TSS)	A	94.0	mg/L	1	1.00	1.00	BHL3271	12/27/2024 15:55	MAP

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Sample Results
(Continued)

Client Sample ID: Outfall 001 Sampler
Lab Sample ID: 24L4193-02
Beeville - Moore Street - Non Potable - Bi Weekly [none]

Sample Matrix: Waste Water
Date Collected: 12/26/2024 6:00
Collected by: Fernando Alvarez

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
General Chemistry										
SM 5210 B	Carbonaceous BOD (CBOD)	A	3.89	mg/L	13514	2.03	2.03	BHL3184	12/31/2024 10:01	BAK
EPA 350.1	Ammonia as N	A	4.50	mg/L	50	0.700	2.00	BHL3644	12/30/2024 16:29	AMM
EPA 300.0	Sulfate	A	77.6	mg/L	20	0.682	20.0	BHL3188	12/26/2024 21:59	AGZ
SM 2540 C	Residue-filterable (TDS)	A	882	mg/L	1	10.0	10.0	BHL3428	12/30/2024 11:35	BP
SM 2540 D	Residue-nonfilterable (TSS)	A	4.00	mg/L	1	1.00	1.00	BHL3431	12/30/2024 13:29	BP

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Sample Results
(Continued)

Client Sample ID: Influent
Lab Sample ID: 24L4193-03
Beeville - Moore Street - Non Potable - Bi Weekly [none]

Sample Matrix: Waste Water
Date Collected: 12/26/2024 7:50
Collected by: Fernando Alvarez

Method	Analyte	*	Result	Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
General Chemistry											
SM 5210 B	Biochemical Oxygen Demand (BOD)	A	78.8		mg/L	25	50.0	50.0	BHL3183	12/31/2024 11:32	BAK
EPA 350.1	Ammonia as N	A	23.8		mg/L	100	2.00	5.00	BHL3329	12/26/2024 15:50	GJG
SM 2540 D	Residue-nonfilterable (TSS)	A	45.3		mg/L	1	1.00	1.00	BHL3439	12/30/2024 13:26	BP

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Sample Results
(Continued)

Client Sample ID: Outfall 001
Lab Sample ID: 24L4194-01
Beeville - Moore Street - Non Potable - Weekly [none]

Sample Matrix: Waste Water
Date Collected: 12/26/2024 7:50
Collected by: Fernando Alvarez

Method	Analyte	*	Result	Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
Microbiology											
SM 9223 B (Colilert Quanti-Tray)	Escherichia coli (E. coli)	A	1.00		MPN/100 mL	1	1.00	1.00	BHL3324	12/27/2024 13:04	JKB

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Sample Results
(Continued)

Client Sample ID: Outfall 001 Sampler
Lab Sample ID: 24L4194-02
Beeville - Moore Street - Non Potable - Weekly [none]

Sample Matrix: Waste Water
Date Collected: 12/26/2024 6:00
Collected by: Fernando Alvarez

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
Organics by GC										
EPA 1657	Azinphos-methyl (Guthion)	A	<0.0335U	ug/L	1	0.0335	0.100	BHL3303	12/28/2024 01:49	cdg
EPA 1657	Chlorpyrifos	A	<0.0258U	ug/L	1	0.0258	0.0502	BHL3303	12/28/2024 01:49	cdg
EPA 1657	*Surrogate: Tributyl Phosphate-surr*		*129% S*	*40-120*					*12/28/2024 01:49*	
EPA 1657	*Surrogate: Triphenyl Phosphate-surr*		*77.0%*	*40-120*					*12/28/2024 01:49*	

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Sample Results
(Continued)

Client Sample ID: Outfall 001 Sampler
Lab Sample ID: 24L4640-02
Beeville - Moore Street - Non Potable - Bi Weekly [none]

Sample Matrix: Waste Water
Date Collected: 12/31/2024 6:00
Collected by: George Whalen

Method	Analyte	*	Result	Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
General Chemistry											
SM 5210 B	Carbonaceous BOD (CBOD)	A	5.96	FF	mg/L	1.2	2.40	2.40	BHL3712	01/05/2025 11:48	GOG
EPA 350.1	Ammonia as N	A	4.95		mg/L	50	0.700	2.00	BIA0185	01/03/2025 15:33	NAZ
EPA 300.0	Sulfate	A	65.7		mg/L	20	0.682	20.0	BHL3767	12/31/2024 15:27	AGZ
SM 2540 C	Residue-filterable (TDS)	A	834		mg/L	1	10.0	10.0	BIA0063	01/03/2025 14:08	BP
SM 2540 D	Residue-nonfilterable (TSS)	A	7.37		mg/L	1	1.00	1.00	BIA0069	01/03/2025 10:24	JRU

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Sample Results
(Continued)

Client Sample ID: Influent
Lab Sample ID: 24L4640-03
Beeville - Moore Street - Non Potable - Bi Weekly [none]

Sample Matrix: Waste Water
Date Collected: 12/31/2024 8:35
Collected by: George Whalen

Method	Analyte	*	Result	Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
General Chemistry											
SM 5210 B	Biochemical Oxygen Demand (BOD)	A	115		mg/L	25	50.0	50.0	BHL3711	01/05/2025 12:12	GOG
EPA 350.1	Ammonia as N	A	24.4		mg/L	100	2.00	5.00	BHL3795	01/02/2025 14:08	GJG
SM 2540 D	Residue-nonfilterable (TSS)	A	143		mg/L	1	1.00	1.00	BHL3744	01/02/2025 11:37	BP

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Quality Control

Organics by GC

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHL0900 - EPA 1657 SPE										
Blank (BHL0900-BLK1)				Prepared: 12/06/2024 Analyzed: 12/08/2024						
Azinphos-methyl (Guthion)	<0.100	U	0.100	ug/L						
Chlorpyrifos	<0.0501	U	0.0501	ug/L						
Surrogate: Tributyl Phosphate-surr		*S*	*0.0390*	*ug/L*	*0.200*		*19.5*	*40-120*		
Surrogate: Triphenyl Phosphate-surr		*S*	*0.0184*	*ug/L*	*0.200*		*9.21*	*40-120*		
LCS (BHL0900-BS1)				Prepared: 12/06/2024 Analyzed: 12/08/2024						
Azinphos-methyl (Guthion)	0.117		0.101	ug/L	0.251		46.7	37-150		
Chlorpyrifos	0.205		0.0503	ug/L	0.251		81.6	48-150		
Surrogate: Tributyl Phosphate-surr			*0.228*	*ug/L*	*0.201*		*113*	*40-120*		
Surrogate: Triphenyl Phosphate-surr			*0.0954*	*ug/L*	*0.201*		*47.4*	*40-120*		
LCS Dup (BHL0900-BSD1)				Prepared: 12/06/2024 Analyzed: 12/08/2024						
Azinphos-methyl (Guthion)	0.111		0.100	ug/L	0.251		44.3	37-150	5.37	40
Chlorpyrifos	0.186		0.0502	ug/L	0.251		74.1	48-150	9.87	40
Surrogate: Tributyl Phosphate-surr			*0.187*	*ug/L*	*0.201*		*93.1*	*40-120*		
Surrogate: Triphenyl Phosphate-surr			*0.0909*	*ug/L*	*0.201*		*45.3*	*40-120*		
Matrix Spike (BHL0900-MS1)		**Source: 24L1764-02**		Prepared: 12/06/2024 Analyzed: 12/09/2024						
Azinphos-methyl (Guthion)	0.0681	J	0.101	ug/L	0.252	<0.101	27.1	25-150		
Chlorpyrifos	0.0940		0.0503	ug/L	0.252	<0.0503	37.4	25-150		
Surrogate: Tributyl Phosphate-surr			*0.161*	*ug/L*	*0.201*		*79.8*	*40-120*		
Surrogate: Triphenyl Phosphate-surr			*0.107*	*ug/L*	*0.201*		*53.1*	*40-120*		
Batch: BHL2567 - EPA 1657 SPE										
Blank (BHL2567-BLK1)				Prepared: 12/19/2024 Analyzed: 12/22/2024						
Azinphos-methyl (Guthion)	<0.100	U	0.100	ug/L						
Chlorpyrifos	<0.0502	U	0.0502	ug/L						
Surrogate: Tributyl Phosphate-surr			*0.182*	*ug/L*	*0.201*		*90.7*	*40-120*		
Surrogate: Triphenyl Phosphate-surr			*0.0912*	*ug/L*	*0.201*		*45.5*	*40-120*		

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Quality Control
(Continued)

Organics by GC (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHL2567 - EPA 1657 SPE (Continued)										
Blank (BHL2567-BLK2)				Prepared: 12/19/2024 Analyzed: 12/28/2024						
Surrogate: Tributyl Phosphate-surr			*0.205*	*ug/L*	*0.201*		*102*	*40-120*		
Surrogate: Triphenyl Phosphate-surr			*0.116*	*ug/L*	*0.201*		*57.7*	*40-120*		
LCS (BHL2567-BS1)				Prepared: 12/19/2024 Analyzed: 12/22/2024						
Azinphos-methyl (Guthion)	0.0634	J1, J	0.101	ug/L	0.252		25.2	37-150		
Chlorpyrifos	0.151		0.0504	ug/L	0.252		59.9	48-150		
Surrogate: Tributyl Phosphate-surr			*0.228*	*ug/L*	*0.202*		*113*	*40-120*		
Surrogate: Triphenyl Phosphate-surr			*0.0948*	*ug/L*	*0.202*		*47.0*	*40-120*		
LCS (BHL2567-BS2)				Prepared: 12/19/2024 Analyzed: 12/28/2024						
Surrogate: Tributyl Phosphate-surr			*0.197*	*ug/L*	*0.202*		*97.9*	*40-120*		
Surrogate: Triphenyl Phosphate-surr			*0.101*	*ug/L*	*0.202*		*49.9*	*40-120*		
LCS Dup (BHL2567-BSD1)				Prepared: 12/19/2024 Analyzed: 12/22/2024						
Azinphos-methyl (Guthion)	<0.101	J1, U	0.101	ug/L	0.252			37-150	200	40
Chlorpyrifos	0.0322	J1, J	0.0503	ug/L	0.252		12.8	48-150	130	40
Surrogate: Tributyl Phosphate-surr		*S*	*0.0321*	*ug/L*	*0.201*		*15.9*	*40-120*		
Surrogate: Triphenyl Phosphate-surr		*S*	*0.0230*	*ug/L*	*0.201*		*11.4*	*40-120*		
LCS Dup (BHL2567-BSD2)				Prepared: 12/19/2024 Analyzed: 12/28/2024						
Surrogate: Tributyl Phosphate-surr		*S*	*0.0400*	*ug/L*	*0.201*		*19.8*	*40-120*		
Surrogate: Triphenyl Phosphate-surr		*S*	*0.0244*	*ug/L*	*0.201*		*12.1*	*40-120*		
Matrix Spike (BHL2567-MS1)	**Source: 24L2586-02**			Prepared: 12/19/2024 Analyzed: 12/22/2024						
Azinphos-methyl (Guthion)	<0.0956	J1, U	0.0956	ug/L	0.239	<0.0956		25-150		
Chlorpyrifos	0.0795		0.0478	ug/L	0.239	<0.0478	33.3	25-150		
Surrogate: Tributyl Phosphate-surr			*0.108*	*ug/L*	*0.191*		*56.7*	*40-120*		
Surrogate: Triphenyl Phosphate-surr		*S*	*0.0512*	*ug/L*	*0.191*		*26.8*	*40-120*		

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Quality Control
(Continued)

Organics by GC (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHL2567 - EPA 1657 SPE (Continued)										
Matrix Spike (BHL2567-MS2)	**Source: 24L2586-02RE1**				Prepared: 12/19/2024 Analyzed: 12/28/2024					
Surrogate: Tributyl Phosphate-surr			*0.0951*	*ug/L*	*0.191*		*49.8*	*40-120*		
Surrogate: Triphenyl Phosphate-surr		*S*	*0.0498*	*ug/L*	*0.191*		*26.1*	*40-120*		
Matrix Spike Dup (BHL2567-MSD1)	**Source: 24L2586-02**				Prepared: 12/19/2024 Analyzed: 12/22/2024					
Azinphos-methyl (Guthion)	<0.100	J1, U	0.100	ug/L	0.240	<0.100		25-150		40
Chlorpyrifos	0.113		0.0500	ug/L	0.240	<0.0500	47.0	25-150	34.4	40
Surrogate: Tributyl Phosphate-surr		*S*	*0.232*	*ug/L*	*0.192*		*121*	*40-120*		
Surrogate: Triphenyl Phosphate-surr			*0.122*	*ug/L*	*0.192*		*63.7*	*40-120*		
Matrix Spike Dup (BHL2567-MSD2)	**Source: 24L2586-02RE1**				Prepared: 12/19/2024 Analyzed: 12/28/2024					
Surrogate: Tributyl Phosphate-surr			*0.205*	*ug/L*	*0.192*		*107*	*40-120*		
Surrogate: Triphenyl Phosphate-surr			*0.120*	*ug/L*	*0.192*		*62.4*	*40-120*		
Batch: BHL3303 - EPA 1657 SPE										
Blank (BHL3303-BLK1)					Prepared: 12/26/2024 Analyzed: 12/27/2024					
Azinphos-methyl (Guthion)	<0.0998	U	0.0998	ug/L						
Chlorpyrifos	<0.0499	U	0.0499	ug/L						
Surrogate: Tributyl Phosphate-surr		*S*	*0.325*	*ug/L*	*0.200*		*163*	*40-120*		
Surrogate: Triphenyl Phosphate-surr			*0.201*	*ug/L*	*0.200*		*100*	*40-120*		
LCS (BHL3303-BS1)					Prepared: 12/26/2024 Analyzed: 12/27/2024					
Azinphos-methyl (Guthion)	0.162		0.0997	ug/L	0.249		64.9	37-150		
Chlorpyrifos	0.144		0.0498	ug/L	0.249		57.8	48-150		
Surrogate: Tributyl Phosphate-surr			*0.193*	*ug/L*	*0.199*		*97.0*	*40-120*		
Surrogate: Triphenyl Phosphate-surr			*0.109*	*ug/L*	*0.199*		*54.6*	*40-120*		

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Quality Control
(Continued)

Organics by GC (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHL3303 - EPA 1657 SPE (Continued)										
LCS Dup (BHL3303-BSD1)				Prepared: 12/26/2024 Analyzed: 12/27/2024						
Azinphos-methyl (Guthion)	0.290	J1	0.100	ug/L	0.250		116	37-150	56.8	40
Chlorpyrifos	0.241	J1	0.0500	ug/L	0.250		96.4	48-150	50.4	40
Surrogate: Tributyl Phosphate-surr		*S*	*0.291*	*ug/L*	*0.200*		*145*	*40-120*		
Surrogate: Triphenyl Phosphate-surr			*0.175*	*ug/L*	*0.200*		*87.4*	*40-120*		
Matrix Spike (BHL3303-MS1)			**Source: 24L3467-02RE2**	Prepared: 12/26/2024 Analyzed: 12/28/2024						
Azinphos-methyl (Guthion)	0.228		0.0999	ug/L	0.250	<0.0999	91.3	25-150		
Chlorpyrifos	0.232		0.0500	ug/L	0.250	<0.0500	93.0	25-150		
Surrogate: Tributyl Phosphate-surr		*S*	*0.260*	*ug/L*	*0.200*		*130*	*40-120*		
Surrogate: Triphenyl Phosphate-surr			*0.171*	*ug/L*	*0.200*		*85.5*	*40-120*		
Matrix Spike Dup (BHL3303-MSD1)			**Source: 24L3467-02RE2**	Prepared: 12/26/2024 Analyzed: 12/28/2024						
Azinphos-methyl (Guthion)	0.211		0.100	ug/L	0.251	<0.100	84.2	25-150	7.81	40
Chlorpyrifos	0.225		0.0501	ug/L	0.251	<0.0501	89.7	25-150	3.26	40
Surrogate: Tributyl Phosphate-surr		*S*	*0.253*	*ug/L*	*0.201*		*126*	*40-120*		
Surrogate: Triphenyl Phosphate-surr			*0.159*	*ug/L*	*0.201*		*79.1*	*40-120*		
Batch: BIA0125 - EPA 1657 SPE										
Blank (BIA0125-BLK1)				Prepared: 01/02/2025 Analyzed: 01/03/2025						
Azinphos-methyl (Guthion)	<0.100	U	0.100	ug/L						
Chlorpyrifos	<0.0500	U	0.0500	ug/L						
Surrogate: Tributyl Phosphate-surr			*0.110*	*ug/L*	*0.200*		*55.1*	*40-120*		
Surrogate: Triphenyl Phosphate-surr			*0.123*	*ug/L*	*0.200*		*61.4*	*40-120*		
LCS (BIA0125-BS1)				Prepared: 01/02/2025 Analyzed: 01/03/2025						
Azinphos-methyl (Guthion)	0.235		0.100	ug/L	0.251		94.0	37-150		
Chlorpyrifos	0.198		0.0501	ug/L	0.251		79.2	48-150		
Surrogate: Tributyl Phosphate-surr			*0.147*	*ug/L*	*0.200*		*73.3*	*40-120*		
Surrogate: Triphenyl Phosphate-surr			*0.158*	*ug/L*	*0.200*		*78.8*	*40-120*		

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Quality Control
(Continued)

Organics by GC (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BIA0125 - EPA 1657 SPE (Continued)										
LCS Dup (BIA0125-BSD1)				Prepared: 01/02/2025 Analyzed: 01/03/2025						
Azinphos-methyl (Guthion)	<0.100	U, J1	0.100	ug/L	0.250			37-150	200	40
Chlorpyrifos	0.0301	J1, J	0.0501	ug/L	0.250		12.0	48-150	147	40
Surrogate: Tributyl Phosphate-surr		*S*	*0.0283*	*ug/L*	*0.200*		*14.1*	*40-120*		
Surrogate: Triphenyl Phosphate-surr		*S*	*0.0225*	*ug/L*	*0.200*		*11.3*	*40-120*		
Matrix Spike (BIA0125-MS1)		**Source: 24L4194-02RE1**		Prepared: 01/02/2025 Analyzed: 01/03/2025						
Azinphos-methyl (Guthion)	<0.102	U, J1	0.102	ug/L	0.254	<0.102		25-150		
Chlorpyrifos	0.0665		0.0508	ug/L	0.254	<0.0508	26.2	25-150		
Surrogate: Tributyl Phosphate-surr		*S*	*0.0441*	*ug/L*	*0.203*		*21.7*	*40-120*		
Surrogate: Triphenyl Phosphate-surr		*S*	*0.0575*	*ug/L*	*0.203*		*28.3*	*40-120*		
Matrix Spike Dup (BIA0125-MSD1)		**Source: 24L4194-02RE1**		Prepared: 01/02/2025 Analyzed: 01/03/2025						
Azinphos-methyl (Guthion)	<0.104	U, J1	0.104	ug/L	0.259	<0.104		25-150		40
Chlorpyrifos	0.0283	J1, J	0.0519	ug/L	0.259	<0.0519	10.9	25-150	80.5	40
Surrogate: Tributyl Phosphate-surr		*S*	*0.0162*	*ug/L*	*0.208*		*7.82*	*40-120*		
Surrogate: Triphenyl Phosphate-surr		*S*	*0.0255*	*ug/L*	*0.208*		*12.3*	*40-120*		

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Quality Control
(Continued)

Metals, Total

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHL1122 - EPA 1631										
Blank (BHL1122-BLK1)					Prepared: 12/09/2024 Analyzed: 12/11/2024					
Mercury	<0.00500	U	0.00500	ug/L						
Blank (BHL1122-BLK2)					Prepared: 12/09/2024 Analyzed: 12/11/2024					
Mercury	<0.00500	U	0.00500	ug/L						
Blank (BHL1122-BLK3)					Prepared: 12/09/2024 Analyzed: 12/11/2024					
Mercury	<0.00500	U	0.00500	ug/L						
Matrix Spike (BHL1122-MS1)		**Source: 24L0337-02**			Prepared: 12/09/2024 Analyzed: 12/11/2024					
Mercury	0.0992		0.00526	ug/L	0.0526	0.0543	85.2	71-125		
Matrix Spike (BHL1122-MS2)		**Source: 24L1926-02**			Prepared: 12/09/2024 Analyzed: 12/11/2024					
Mercury	0.0306	J1	0.00526	ug/L	0.0526	0.00330	51.9	71-125		
Matrix Spike Dup (BHL1122-MSD1)		**Source: 24L0337-02**			Prepared: 12/09/2024 Analyzed: 12/11/2024					
Mercury	0.0964		0.00526	ug/L	0.0526	0.0543	80.0	71-125	2.81	24
Matrix Spike Dup (BHL1122-MSD2)		**Source: 24L1926-02**			Prepared: 12/09/2024 Analyzed: 12/11/2024					
Mercury	0.0324	J1	0.00526	ug/L	0.0526	0.00330	55.3	71-125	5.68	24
Batch: BHL1756 - EPA 1631										
Blank (BHL1756-BLK1)					Prepared: 12/12/2024 Analyzed: 12/13/2024					
Mercury	<0.00500	U	0.00500	ug/L						
Blank (BHL1756-BLK2)					Prepared: 12/12/2024 Analyzed: 12/13/2024					
Mercury	<0.00500	U	0.00500	ug/L						

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Quality Control
(Continued)

Metals, Total (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHL1756 - EPA 1631 (Continued)										
Blank (BHL1756-BLK3)					Prepared: 12/12/2024 Analyzed: 12/13/2024					
Mercury	<0.00500	U	0.00500	ug/L						
Matrix Spike (BHL1756-MS1)			**Source: 24L0005-01**		Prepared: 12/12/2024 Analyzed: 12/13/2024					
Mercury	0.0491		0.00526	ug/L	0.0526	0.00505	83.7	71-125		
Matrix Spike (BHL1756-MS2)			**Source: 24L0028-02**		Prepared: 12/12/2024 Analyzed: 12/13/2024					
Mercury	0.0349	J1	0.00526	ug/L	0.0526	<0.00526	66.2	71-125		
Matrix Spike Dup (BHL1756-MSD1)			**Source: 24L0005-01**		Prepared: 12/12/2024 Analyzed: 12/13/2024					
Mercury	0.0502		0.00526	ug/L	0.0526	0.00505	85.8	71-125	2.15	24
Matrix Spike Dup (BHL1756-MSD2)			**Source: 24L0028-02**		Prepared: 12/12/2024 Analyzed: 12/13/2024					
Mercury	0.0332	J1	0.00526	ug/L	0.0526	<0.00526	63.0	71-125	4.93	24
Batch: BHL3028 - EPA 1631										
Blank (BHL3028-BLK1)					Prepared: 12/23/2024 Analyzed: 12/26/2024					
Mercury	<0.00500	U	0.00500	ug/L						
Blank (BHL3028-BLK2)					Prepared: 12/23/2024 Analyzed: 12/26/2024					
Mercury	<0.00500	U	0.00500	ug/L						
Blank (BHL3028-BLK3)					Prepared: 12/23/2024 Analyzed: 12/26/2024					
Mercury	<0.00500	U	0.00500	ug/L						
Matrix Spike (BHL3028-MS1)			**Source: 24L3467-05**		Prepared: 12/23/2024 Analyzed: 12/26/2024					
Mercury	<0.00500	U, J1	0.00500	ug/L	0.0100	<0.00500		71-125		

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Metals, Total (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHL3028 - EPA 1631 (Continued)										
Matrix Spike Dup (BHL3028-MSD1)		**Source: 24L3467-05**			Prepared: 12/23/2024 Analyzed: 12/26/2024					
Mercury	<0.00500	U, J1	0.00500	ug/L	0.0100	<0.00500		71-125		24
Batch: BHL3674 - EPA 1631										
Blank (BHL3674-BLK1)					Prepared: 12/30/2024 Analyzed: 12/31/2024					
Mercury	<0.00500	U	0.00500	ug/L						
Blank (BHL3674-BLK2)					Prepared: 12/30/2024 Analyzed: 12/31/2024					
Mercury	<0.00500	U	0.00500	ug/L						
Blank (BHL3674-BLK3)					Prepared: 12/30/2024 Analyzed: 12/31/2024					
Mercury	<0.00500	U	0.00500	ug/L						
Matrix Spike (BHL3674-MS1)		**Source: 24L0543-02**			Prepared: 12/30/2024 Analyzed: 12/31/2024					
Mercury	0.0140	J1	0.00526	ug/L	0.0526	0.00589	15.3	71-125		
Matrix Spike (BHL3674-MS2)		**Source: 24L0266-03**			Prepared: 12/30/2024 Analyzed: 12/31/2024					
Mercury	0.0241	J1	0.00526	ug/L	0.0526	0.0191	9.57	71-125		
Matrix Spike Dup (BHL3674-MSD1)		**Source: 24L0543-02**			Prepared: 12/30/2024 Analyzed: 12/31/2024					
Mercury	0.0111	J1	0.00526	ug/L	0.0526	0.00589	9.91	71-125	22.7	24
Matrix Spike Dup (BHL3674-MSD2)		**Source: 24L0266-03**			Prepared: 12/30/2024 Analyzed: 12/31/2024					
Mercury	0.0232	J1	0.00526	ug/L	0.0526	0.0191	7.74	71-125	4.07	24

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Quality Control
(Continued)

General Chemistry

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHL0347 - BOD-5210										
LCS (BHL0347-BS1)				Prepared: 12/04/2024 Analyzed: 12/09/2024						
Biochemical Oxygen Demand (BOD)	159	J1		mg/L	198		80.5	85-115		
Biochemical Oxygen Demand (BOD)	159	J1		mg/L	198		80.5	85-115		
Duplicate (BHL0347-DUP1)		**Source: 24L0097-01**		Prepared: 12/04/2024 Analyzed: 12/09/2024						
Biochemical Oxygen Demand (BOD)	2.70		2.40	mg/L		2.48			8.73	40
Biochemical Oxygen Demand (BOD)	2.70		2.40	mg/L		2.48			8.73	40
Duplicate (BHL0347-DUP2)		**Source: 24L1237-01**		Prepared: 12/04/2024 Analyzed: 12/09/2024						
Biochemical Oxygen Demand (BOD)	3.86		2.40	mg/L		5.64			37.6	40
Biochemical Oxygen Demand (BOD)	3.86		2.40	mg/L		5.64			37.6	40
Duplicate (BHL0347-DUP3)		**Source: 24L0002-20**		Prepared: 12/04/2024 Analyzed: 12/09/2024						
Biochemical Oxygen Demand (BOD)	4.68		3.00	mg/L		4.44			5.37	40
Biochemical Oxygen Demand (BOD)	4.68		3.00	mg/L		4.44			5.37	40
Duplicate (BHL0347-DUP4)		**Source: 24L0002-16**		Prepared: 12/04/2024 Analyzed: 12/09/2024						
Biochemical Oxygen Demand (BOD)	6.40		3.00	mg/L		6.46			0.855	40
Biochemical Oxygen Demand (BOD)	6.40		3.00	mg/L		6.46			0.855	40
Duplicate (BHL0347-DUP5)		**Source: 24L1024-02**		Prepared: 12/04/2024 Analyzed: 12/09/2024						
Biochemical Oxygen Demand (BOD)	107		50.0	mg/L		105			1.72	20
Biochemical Oxygen Demand (BOD)	107		50.0	mg/L		105			1.72	20
Duplicate (BHL0347-DUP6)		**Source: 24L1123-01**		Prepared: 12/04/2024 Analyzed: 12/09/2024						
Biochemical Oxygen Demand (BOD)	105		50.0	mg/L		118			11.1	20
Biochemical Oxygen Demand (BOD)	105		50.0	mg/L		118			11.1	20
Duplicate (BHL0347-DUP7)		**Source: 24L1227-07**		Prepared: 12/04/2024 Analyzed: 12/09/2024						
Biochemical Oxygen Demand (BOD)	108		50.0	mg/L		111			2.66	20
Biochemical Oxygen Demand (BOD)	108		50.0	mg/L		111			2.66	20

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Quality Control
(Continued)

General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHL0347 - BOD-5210 (Continued)										
Duplicate (BHL0347-DUP8)		**Source: 24L0240-02**		Prepared: 12/04/2024 Analyzed: 12/09/2024						
Biochemical Oxygen Demand (BOD)	26.5		12.0	mg/L		32.4			19.9	20
Biochemical Oxygen Demand (BOD)	26.5		12.0	mg/L		32.4			19.9	20
Duplicate (BHL0347-DUP9)		**Source: 24L0321-04**		Prepared: 12/04/2024 Analyzed: 12/09/2024						
Biochemical Oxygen Demand (BOD)	313		50.0	mg/L		296			5.66	20
Biochemical Oxygen Demand (BOD)	313		50.0	mg/L		296			5.66	20
Batch: BHL0403 - TSS										
Blank (BHL0403-BLK1)				Prepared: 12/04/2024 Analyzed: 12/05/2024						
Residue-nonfilterable (TSS)	<1.00	U	1.00	mg/L						
LCS (BHL0403-BS1)				Prepared: 12/04/2024 Analyzed: 12/05/2024						
Residue-nonfilterable (TSS)	99.2		1.00	mg/L	100		99.2	85-115		
Duplicate (BHL0403-DUP1)		**Source: 24L0059-02**		Prepared: 12/04/2024 Analyzed: 12/05/2024						
Residue-nonfilterable (TSS)	116		1.00	mg/L		110			5.31	10
Duplicate (BHL0403-DUP2)		**Source: 24L1117-04**		Prepared: 12/04/2024 Analyzed: 12/05/2024						
Residue-nonfilterable (TSS)	144		1.00	mg/L		142			1.40	10
Batch: BHL0588 - TSS										
Blank (BHL0588-BLK1)				Prepared: 12/05/2024 Analyzed: 12/06/2024						
Residue-nonfilterable (TSS)	<1.00	U	1.00	mg/L						

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Quality Control
(Continued)

General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHL0588 - TSS (Continued)										
LCS (BHL0588-BS1)					Prepared: 12/05/2024 Analyzed: 12/06/2024					
Residue-nonfilterable (TSS)	98.7		1.00	mg/L	100		98.7	85-115		
Duplicate (BHL0588-DUP1)		**Source: 24L0307-01**			Prepared: 12/05/2024 Analyzed: 12/06/2024					
Residue-nonfilterable (TSS)	3.37		1.00	mg/L		3.16			6.45	10
Duplicate (BHL0588-DUP2)		**Source: 24L1490-02**			Prepared: 12/05/2024 Analyzed: 12/06/2024					
Residue-nonfilterable (TSS)	9.26		1.00	mg/L		8.42			9.52	10
Batch: BHL0668 - EPA 300.0										
Duplicate (BHL0668-DUP1)		**Source: 24L1448-02**			Prepared & Analyzed: 12/05/2024					
Sulfate	35.3		1.00	mg/L		35.6			0.908	15
Duplicate (BHL0668-DUP2)		**Source: 24L1506-02**			Prepared & Analyzed: 12/05/2024					
Sulfate	63.7		20.0	mg/L		62.3			2.25	15
MRL Check (BHL0668-MRL1)					Prepared & Analyzed: 12/05/2024					
Sulfate	1.20		1.00	mg/L	1.00		120	50-150		
Matrix Spike (BHL0668-MS1)		**Source: 24L1448-02**			Prepared & Analyzed: 12/05/2024					
Sulfate	60.7		1.11	mg/L	22.2	35.6	113	80-120		
Matrix Spike (BHL0668-MS2)		**Source: 24L1506-02**			Prepared & Analyzed: 12/05/2024					
Sulfate	84.7		22.2	mg/L	22.2	62.3	101	80-120		
Batch: BHL0711 - NH3-N SEAL-350.1										
Matrix Spike (BHL0711-MS1)		**Source: 24L1361-01**			Prepared & Analyzed: 12/06/2024					
Ammonia as N	0.248		0.0401	mg/L	0.200	0.0500	99.0	90-110		

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General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHL0711 - NH3-N SEAL-350.1 (Continued)										
Matrix Spike (BHL0711-MS2)		**Source: 24L0283-01**			Prepared & Analyzed: 12/06/2024					
Ammonia as N	0.216		0.0401	mg/L	0.200	0.0270	94.5	90-110		
Matrix Spike Dup (BHL0711-MSD1)		**Source: 24L1361-01**			Prepared & Analyzed: 12/06/2024					
Ammonia as N	0.253		0.0401	mg/L	0.200	0.0500	101	90-110	1.60	20
Matrix Spike Dup (BHL0711-MSD2)		**Source: 24L0283-01**			Prepared & Analyzed: 12/06/2024					
Ammonia as N	0.219		0.0401	mg/L	0.200	0.0270	96.0	90-110	1.38	20
Batch: BHL0717 - NH3-N SEAL-350.1										
Matrix Spike (BHL0717-MS1)		**Source: 24L0356-02**			Prepared & Analyzed: 12/05/2024					
Ammonia as N	37.1		5.00	mg/L	0.400	36.7	101	90-110		
Matrix Spike (BHL0717-MS2)		**Source: 24L0074-02**			Prepared & Analyzed: 12/05/2024					
Ammonia as N	27.1		5.00	mg/L	0.400	26.8	95.6	90-110		
Matrix Spike Dup (BHL0717-MSD1)		**Source: 24L0356-02**			Prepared & Analyzed: 12/05/2024					
Ammonia as N	37.1		5.00	mg/L	0.400	36.7	101	90-110	0.00189	20
Matrix Spike Dup (BHL0717-MSD2)		**Source: 24L0074-02**			Prepared & Analyzed: 12/05/2024					
Ammonia as N	27.2		5.00	mg/L	0.400	26.8	102	90-110	0.0947	20
Batch: BHL0805 - BOD-5210										
LCS (BHL0805-BS1)					Prepared: 12/06/2024 Analyzed: 12/11/2024					
Biochemical Oxygen Demand (BOD)	165	J1		mg/L	198		83.4	85-115		

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Quality Control
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General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHL0805 - BOD-5210 (Continued)										
Duplicate (BHL0805-DUP1)		**Source: 24L1744-02**		Prepared: 12/06/2024 Analyzed: 12/11/2024						
Biochemical Oxygen Demand (BOD)	>37.8		2.40	mg/L		39.8			5.26	40
Duplicate (BHL0805-DUP2)		**Source: 24L0242-01**		Prepared: 12/06/2024 Analyzed: 12/11/2024						
Biochemical Oxygen Demand (BOD)	4.61		2.40	mg/L		4.80			3.91	40
Duplicate (BHL0805-DUP3)		**Source: 24L1765-02**		Prepared: 12/06/2024 Analyzed: 12/11/2024						
Biochemical Oxygen Demand (BOD)	87.0		50.0	mg/L		85.5			1.74	20
Duplicate (BHL0805-DUP4)		**Source: 24L0251-02**		Prepared: 12/06/2024 Analyzed: 12/11/2024						
Biochemical Oxygen Demand (BOD)	230	J1	50.0	mg/L		187			20.6	20
Duplicate (BHL0805-DUP5)		**Source: 24L1625-04**		Prepared: 12/06/2024 Analyzed: 12/11/2024						
Biochemical Oxygen Demand (BOD)	218		50.0	mg/L		216			0.692	20
Duplicate (BHL0805-DUP6)		**Source: 24L1092-01**		Prepared: 12/06/2024 Analyzed: 12/11/2024						
Biochemical Oxygen Demand (BOD)	159	J1	100	mg/L		285			56.8	20
Duplicate (BHL0805-DUP7)		**Source: 24L1933-02**		Prepared: 12/06/2024 Analyzed: 12/11/2024						
Biochemical Oxygen Demand (BOD)	4.92		3.00	mg/L		4.97			0.910	40
Duplicate (BHL0805-DUP8)		**Source: 24L1873-01**		Prepared: 12/06/2024 Analyzed: 12/11/2024						
Biochemical Oxygen Demand (BOD)	181	J1	50.0	mg/L		245			30.1	20
Batch: BHL0806 - CBOD-5210										
LCS (BHL0806-BS1)				Prepared: 12/06/2024 Analyzed: 12/11/2024						
Carbonaceous BOD (CBOD)	175			mg/L	198		88.5	85-115		

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Quality Control
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General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHL0806 - CBOD-5210 (Continued)										
Duplicate (BHL0806-DUP1)		**Source: 24L1609-02**			Prepared: 12/06/2024 Analyzed: 12/11/2024					
Carbonaceous BOD (CBOD)	<2.40	U	2.40	mg/L		<2.40				40
Duplicate (BHL0806-DUP2)		**Source: 24L1634-02**			Prepared: 12/06/2024 Analyzed: 12/11/2024					
Carbonaceous BOD (CBOD)	3.09		2.40	mg/L		<2.40			200	40
Duplicate (BHL0806-DUP3)		**Source: 24L1642-02**			Prepared: 12/06/2024 Analyzed: 12/11/2024					
Carbonaceous BOD (CBOD)	3.11		2.40	mg/L		2.86			8.30	40
Duplicate (BHL0806-DUP4)		**Source: 24L1618-02**			Prepared: 12/06/2024 Analyzed: 12/11/2024					
Carbonaceous BOD (CBOD)	3.46		2.40	mg/L		2.76			22.6	40
Duplicate (BHL0806-DUP5)		**Source: 24L1763-02**			Prepared: 12/06/2024 Analyzed: 12/11/2024					
Carbonaceous BOD (CBOD)	3.98		2.40	mg/L		4.20			5.33	40
Duplicate (BHL0806-DUP6)		**Source: 24L0077-01**			Prepared: 12/06/2024 Analyzed: 12/11/2024					
Carbonaceous BOD (CBOD)	<2.40	U	2.40	mg/L		<2.40				40
Duplicate (BHL0806-DUP7)		**Source: 24L0348-01**			Prepared: 12/06/2024 Analyzed: 12/11/2024					
Carbonaceous BOD (CBOD)	<2.40	U, J4	2.40	mg/L		<2.40				40
Batch: BHL0812 - TDS										
Blank (BHL0812-BLK1)					Prepared: 12/06/2024 Analyzed: 12/09/2024					
Residue-filterable (TDS)	<10.0	U	10.0	mg/L						
LCS (BHL0812-BS1)					Prepared: 12/06/2024 Analyzed: 12/09/2024					
Residue-filterable (TDS)	150		10.0	mg/L	150		100	90-110		

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Quality Control
(Continued)

General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHL0812 - TDS (Continued)										
Duplicate (BHL0812-DUP1)	**Source: 24L1763-02**			Prepared: 12/06/2024 Analyzed: 12/09/2024						
Residue-filterable (TDS)	822		10.0	mg/L		806			1.97	10
Batch: BHL0813 - TDS										
Blank (BHL0813-BLK1)				Prepared: 12/06/2024 Analyzed: 12/09/2024						
Residue-filterable (TDS)	<10.0	U	10.0	mg/L						
LCS (BHL0813-BS1)				Prepared: 12/06/2024 Analyzed: 12/09/2024						
Residue-filterable (TDS)	146		10.0	mg/L	150		97.3	90-110		
Duplicate (BHL0813-DUP1)	**Source: 24L1506-02**			Prepared: 12/06/2024 Analyzed: 12/09/2024						
Residue-filterable (TDS)	814		10.0	mg/L		802			1.49	10
Batch: BHL0816 - TSS										
Blank (BHL0816-BLK1)				Prepared: 12/06/2024 Analyzed: 12/09/2024						
Residue-nonfilterable (TSS)	<1.00	U	1.00	mg/L						
LCS (BHL0816-BS1)				Prepared: 12/06/2024 Analyzed: 12/09/2024						
Residue-nonfilterable (TSS)	98.5		1.00	mg/L	100		98.5	85-115		
Duplicate (BHL0816-DUP1)	**Source: 24L1630-02**			Prepared: 12/06/2024 Analyzed: 12/09/2024						
Residue-nonfilterable (TSS)	1.68	J1	1.00	mg/L		1.89			11.8	10
Duplicate (BHL0816-DUP2)	**Source: 24L1701-01**			Prepared: 12/06/2024 Analyzed: 12/09/2024						
Residue-nonfilterable (TSS)	5.05		1.00	mg/L		5.26			4.08	10

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Quality Control
(Continued)

General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHL0948 - NH3-N SEAL-350.1										
Matrix Spike (BHL0948-MS1)		**Source: 24L1630-02**			Prepared & Analyzed: 12/09/2024					
Ammonia as N	0.246		0.0401	mg/L	0.200	0.0410	103	90-110		
Matrix Spike (BHL0948-MS2)		**Source: 24L1592-02**			Prepared & Analyzed: 12/09/2024					
Ammonia as N	0.274		0.0401	mg/L	0.200	0.0670	103	90-110		
Matrix Spike Dup (BHL0948-MSD1)		**Source: 24L1630-02**			Prepared & Analyzed: 12/09/2024					
Ammonia as N	0.260		0.0401	mg/L	0.200	0.0410	109	90-110	5.15	20
Matrix Spike Dup (BHL0948-MSD2)		**Source: 24L1592-02**			Prepared & Analyzed: 12/09/2024					
Ammonia as N	0.276		0.0401	mg/L	0.200	0.0670	104	90-110	0.730	20
Batch: BHL1087 - EPA 300.0										
Duplicate (BHL1087-DUP1)		**Source: 24L1592-02**			Prepared & Analyzed: 12/09/2024					
Sulfate	47.9		20.0	mg/L		48.7			1.62	15
Duplicate (BHL1087-DUP2)		**Source: 24L1763-02**			Prepared & Analyzed: 12/09/2024					
Sulfate	65.1		20.0	mg/L		65.8			1.07	15
MRL Check (BHL1087-MRL1)					Prepared & Analyzed: 12/09/2024					
Sulfate	1.16		1.00	mg/L	1.00		116	50-150		
Matrix Spike (BHL1087-MS1)		**Source: 24L1592-02**			Prepared & Analyzed: 12/09/2024					
Sulfate	69.3		22.2	mg/L	22.2	48.7	92.8	80-120		
Matrix Spike (BHL1087-MS2)		**Source: 24L1763-02**			Prepared & Analyzed: 12/09/2024					
Sulfate	86.4		22.2	mg/L	22.2	65.8	92.4	80-120		

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General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHL1088 - TSS										
Blank (BHL1088-BLK1)				Prepared: 12/09/2024 Analyzed: 12/10/2024						
Residue-nonfilterable (TSS)	<1.00	U	1.00	mg/L						
LCS (BHL1088-BS1)				Prepared: 12/09/2024 Analyzed: 12/10/2024						
Residue-nonfilterable (TSS)	99.5		1.00	mg/L	100		99.5	85-115		
Duplicate (BHL1088-DUP1)		**Source: 24L0315-07**		Prepared: 12/09/2024 Analyzed: 12/10/2024						
Residue-nonfilterable (TSS)	260		1.00	mg/L		280			7.41	10
Duplicate (BHL1088-DUP2)		**Source: 24L1621-04**		Prepared: 12/09/2024 Analyzed: 12/10/2024						
Residue-nonfilterable (TSS)	180		1.00	mg/L		176			2.25	10
Batch: BHL1434 - TDS										
Blank (BHL1434-BLK1)				Prepared: 12/11/2024 Analyzed: 12/12/2024						
Residue-filterable (TDS)	<10.0	U	10.0	mg/L						
LCS (BHL1434-BS1)				Prepared: 12/11/2024 Analyzed: 12/12/2024						
Residue-filterable (TDS)	149		10.0	mg/L	150		99.3	90-110		
Duplicate (BHL1434-DUP1)		**Source: 24L2155-02**		Prepared: 12/11/2024 Analyzed: 12/12/2024						
Residue-filterable (TDS)	430		10.0	mg/L		452			4.99	10
Batch: BHL1436 - BOD-5210										
LCS (BHL1436-BS1)				Prepared: 12/11/2024 Analyzed: 12/16/2024						
Biochemical Oxygen Demand (BOD)	160	J1		mg/L	198		80.7	85-115		

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General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHL1436 - BOD-5210 (Continued)										
Duplicate (BHL1436-DUP1)		**Source: 24L0111-01**		Prepared: 12/11/2024 Analyzed: 12/16/2024						
Biochemical Oxygen Demand (BOD)	2.64		2.40	mg/L		<2.40			200	40
Duplicate (BHL1436-DUP2)		**Source: 24L0252-01**		Prepared: 12/11/2024 Analyzed: 12/16/2024						
Biochemical Oxygen Demand (BOD)	4.11		2.40	mg/L		4.25			3.25	40
Duplicate (BHL1436-DUP3)		**Source: 24L2143-03**		Prepared: 12/11/2024 Analyzed: 12/16/2024						
Biochemical Oxygen Demand (BOD)	157		50.0	mg/L		148			5.90	20
Duplicate (BHL1436-DUP4)		**Source: 24L2269-02**		Prepared: 12/11/2024 Analyzed: 12/16/2024						
Biochemical Oxygen Demand (BOD)	237		50.0	mg/L		232			1.81	20
Duplicate (BHL1436-DUP5)		**Source: 24L0067-02**		Prepared: 12/11/2024 Analyzed: 12/16/2024						
Biochemical Oxygen Demand (BOD)	201	J1	50.0	mg/L		144			33.2	20
Duplicate (BHL1436-DUP6)		**Source: 24L2141-08**		Prepared: 12/11/2024 Analyzed: 12/16/2024						
Biochemical Oxygen Demand (BOD)	382		50.0	mg/L		<50.0			200	20
Duplicate (BHL1436-DUP7)		**Source: 24L2109-04**		Prepared: 12/11/2024 Analyzed: 12/16/2024						
Biochemical Oxygen Demand (BOD)	244		50.0	mg/L		241			1.55	20
Duplicate (BHL1436-DUP8)		**Source: 24L0270-01**		Prepared: 12/11/2024 Analyzed: 12/16/2024						
Biochemical Oxygen Demand (BOD)	49.3		3.00	mg/L		43.7			12.0	20
Batch: BHL1437 - CBOD-5210										
LCS (BHL1437-BS1)				Prepared: 12/11/2024 Analyzed: 12/16/2024						
Carbonaceous BOD (CBOD)	182			mg/L	198		91.7	85-115		

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Quality Control
(Continued)

General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHL1437 - CBOD-5210 (Continued)										
Duplicate (BHL1437-DUP1)		**Source: 24L2139-02**			Prepared: 12/11/2024 Analyzed: 12/16/2024					
Carbonaceous BOD (CBOD)	<2.40	U	2.40	mg/L		2.41			200	40
Duplicate (BHL1437-DUP2)		**Source: 24L2137-09**			Prepared: 12/11/2024 Analyzed: 12/16/2024					
Carbonaceous BOD (CBOD)	3.31		2.40	mg/L		2.55			26.1	40
Duplicate (BHL1437-DUP3)		**Source: 24L2154-02**			Prepared: 12/11/2024 Analyzed: 12/16/2024					
Carbonaceous BOD (CBOD)	3.18		2.40	mg/L		4.12			25.7	40
Duplicate (BHL1437-DUP4)		**Source: 24L0078-01**			Prepared: 12/11/2024 Analyzed: 12/16/2024					
Carbonaceous BOD (CBOD)	3.06		2.40	mg/L		<2.40			200	40
Duplicate (BHL1437-DUP5)		**Source: 24L2126-01**			Prepared: 12/11/2024 Analyzed: 12/16/2024					
Carbonaceous BOD (CBOD)	4.37		2.40	mg/L		4.93			11.9	40
Duplicate (BHL1437-DUP6)		**Source: 24L2141-02**			Prepared: 12/11/2024 Analyzed: 12/16/2024					
Carbonaceous BOD (CBOD)	2.83		2.40	mg/L		<2.40			200	40
Duplicate (BHL1437-DUP7)		**Source: 24L2234-01**			Prepared: 12/11/2024 Analyzed: 12/16/2024					
Carbonaceous BOD (CBOD)	3.72		2.40	mg/L		3.86			3.85	40
Duplicate (BHL1437-DUP8)		**Source: 24L2112-02**			Prepared: 12/11/2024 Analyzed: 12/16/2024					
Carbonaceous BOD (CBOD)	3.55		2.40	mg/L		3.75			5.32	40
Duplicate (BHL1437-DUP9)		**Source: 24L0238-01**			Prepared: 12/11/2024 Analyzed: 12/16/2024					
Carbonaceous BOD (CBOD)	3.32		2.40	mg/L		3.86			15.2	40
Batch: BHL1496 - EPA 300.0										
Duplicate (BHL1496-DUP1)		**Source: 24L2236-02**			Prepared & Analyzed: 12/11/2024					
Sulfate	61.2		20.0	mg/L		61.5			0.489	15

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General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHL1496 - EPA 300.0 (Continued)										
Duplicate (BHL1496-DUP2)		**Source: 24L1788-01**			Prepared & Analyzed: 12/11/2024					
Sulfate	18.5		1.00	mg/L		18.4			0.163	15
MRL Check (BHL1496-MRL1)					Prepared & Analyzed: 12/11/2024					
Sulfate	1.15		1.00	mg/L	1.00		115	50-150		
Matrix Spike (BHL1496-MS1)		**Source: 24L2236-02**			Prepared & Analyzed: 12/11/2024					
Sulfate	81.0		22.2	mg/L	22.2	61.5	87.7	80-120		
Matrix Spike (BHL1496-MS2)		**Source: 24L1788-01**			Prepared & Analyzed: 12/11/2024					
Sulfate	40.7		1.11	mg/L	22.2	18.4	100	80-120		
Batch: BHL1505 - NH3-N SEAL-350.1										
Matrix Spike (BHL1505-MS1)		**Source: 24L2120-02**			Prepared & Analyzed: 12/11/2024					
Ammonia as N	0.725		0.160	mg/L	0.200	0.532	96.5	90-110		
Matrix Spike Dup (BHL1505-MSD1)		**Source: 24L2120-02**			Prepared & Analyzed: 12/11/2024					
Ammonia as N	0.733		0.160	mg/L	0.200	0.532	101	90-110	1.10	20
Batch: BHL1508 - NH3-N SEAL-350.1										
Matrix Spike (BHL1508-MS1)		**Source: 24L0324-06**			Prepared & Analyzed: 12/11/2024					
Ammonia as N	81.3		5.00	mg/L	0.400	80.8	105	90-110		
Matrix Spike (BHL1508-MS2)		**Source: 24L1984-01**			Prepared & Analyzed: 12/11/2024					
Ammonia as N	41.2		5.00	mg/L	0.400	40.8	102	90-110		

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Quality Control
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General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHL1508 - NH3-N SEAL-350.1 (Continued)										
Matrix Spike Dup (BHL1508-MSD1)		**Source: 24L0324-06**			Prepared & Analyzed: 12/11/2024					
Ammonia as N	81.3		5.00	mg/L	0.400	80.8	105	90-110	0.000244	20
Matrix Spike Dup (BHL1508-MSD2)		**Source: 24L1984-01**			Prepared & Analyzed: 12/11/2024					
Ammonia as N	41.2		5.00	mg/L	0.400	40.8	103	90-110	0.00412	20
Batch: BHL1537 - NH3-N SEAL-350.1										
Matrix Spike (BHL1537-MS1)		**Source: 24L2236-03**			Prepared & Analyzed: 12/11/2024					
Ammonia as N	21.3		5.00	mg/L	0.400	20.9	102	90-110		
Matrix Spike Dup (BHL1537-MSD1)		**Source: 24L2236-03**			Prepared & Analyzed: 12/11/2024					
Ammonia as N	21.2		5.00	mg/L	0.400	20.9	94.6	90-110	0.134	20
Batch: BHL1600 - TSS										
Blank (BHL1600-BLK1)					Prepared: 12/12/2024 Analyzed: 12/13/2024					
Residue-nonfilterable (TSS)	<1.00	U	1.00	mg/L						
LCS (BHL1600-BS1)					Prepared: 12/12/2024 Analyzed: 12/13/2024					
Residue-nonfilterable (TSS)	97.7		1.00	mg/L	100		97.7	85-115		
Duplicate (BHL1600-DUP1)		**Source: 24L0067-01**			Prepared: 12/12/2024 Analyzed: 12/13/2024					
Residue-nonfilterable (TSS)	<1.00	U	1.00	mg/L		<1.00				10
Duplicate (BHL1600-DUP2)		**Source: 24L2234-01**			Prepared: 12/12/2024 Analyzed: 12/13/2024					
Residue-nonfilterable (TSS)	2.74		1.00	mg/L		2.74			0.00	10

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Quality Control
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General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHL1750 - EPA 300.0										
Duplicate (BHL1750-DUP1)		**Source: 24L2455-02**			Prepared & Analyzed: 12/12/2024					
Sulfate	49.1		20.0	mg/L		48.8			0.490	15
Duplicate (BHL1750-DUP2)		**Source: 24L2585-02**			Prepared & Analyzed: 12/12/2024					
Sulfate	63.6		20.0	mg/L		67.2			5.48	15
MRL Check (BHL1750-MRL1)					Prepared & Analyzed: 12/12/2024					
Sulfate	1.14		1.00	mg/L	1.00		114	50-150		
Matrix Spike (BHL1750-MS1)		**Source: 24L2455-02**			Prepared & Analyzed: 12/12/2024					
Sulfate	69.2		22.2	mg/L	22.2	48.8	91.9	80-120		
Matrix Spike (BHL1750-MS2)		**Source: 24L2585-02**			Prepared & Analyzed: 12/12/2024					
Sulfate	83.6	J1	22.2	mg/L	22.2	67.2	74.0	80-120		
Batch: BHL1888 - BOD-5210										
LCS (BHL1888-BS1)					Prepared: 12/13/2024 Analyzed: 12/18/2024					
Biochemical Oxygen Demand (BOD)	177			mg/L	198		89.5	85-115		
Duplicate (BHL1888-DUP1)		**Source: 24L2732-01**			Prepared: 12/13/2024 Analyzed: 12/18/2024					
Biochemical Oxygen Demand (BOD)	<2.40	U	2.40	mg/L		<2.40				40
Duplicate (BHL1888-DUP2)		**Source: 24L2631-04**			Prepared: 12/13/2024 Analyzed: 12/18/2024					
Biochemical Oxygen Demand (BOD)	5.57		2.40	mg/L		4.38			24.1	40
Duplicate (BHL1888-DUP3)		**Source: 24L2699-03**			Prepared: 12/13/2024 Analyzed: 12/18/2024					
Biochemical Oxygen Demand (BOD)	123		50.0	mg/L		111			10.8	20

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Quality Control
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General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHL1888 - BOD-5210 (Continued)										
Duplicate (BHL1888-DUP4)		**Source: 24L0071-02**		Prepared: 12/13/2024 Analyzed: 12/18/2024						
Biochemical Oxygen Demand (BOD)	197		50.0	mg/L		221			11.4	20
Duplicate (BHL1888-DUP5)		**Source: 24L2668-01**		Prepared: 12/13/2024 Analyzed: 12/18/2024						
Biochemical Oxygen Demand (BOD)	282		50.0	mg/L		289			2.19	20
Duplicate (BHL1888-DUP6)		**Source: 24L2730-02**		Prepared: 12/13/2024 Analyzed: 12/18/2024						
Biochemical Oxygen Demand (BOD)	>680		50.0	mg/L		691			1.61	20
Duplicate (BHL1888-DUP7)		**Source: 24L1309-01**		Prepared: 12/13/2024 Analyzed: 12/18/2024						
Biochemical Oxygen Demand (BOD)	488		100	mg/L		518			6.06	20
Duplicate (BHL1888-DUP8)		**Source: 24L2882-01**		Prepared: 12/13/2024 Analyzed: 12/18/2024						
Biochemical Oxygen Demand (BOD)	>84.2		3.00	mg/L		84.9			0.851	40
Duplicate (BHL1888-DUP9)		**Source: 24L0118-02**		Prepared: 12/13/2024 Analyzed: 12/18/2024						
Biochemical Oxygen Demand (BOD)	67.1		50.0	mg/L		60.5			10.3	20
Batch: BHL1889 - CBOD-5210										
LCS (BHL1889-BS1)				Prepared: 12/13/2024 Analyzed: 12/18/2024						
Carbonaceous BOD (CBOD)	171			mg/L	198		86.4	85-115		
Duplicate (BHL1889-DUP1)		**Source: 24L2626-04**		Prepared: 12/13/2024 Analyzed: 12/18/2024						
Carbonaceous BOD (CBOD)	<2.40	U	2.40	mg/L		<2.40				40
Duplicate (BHL1889-DUP2)		**Source: 24L2727-02**		Prepared: 12/13/2024 Analyzed: 12/18/2024						
Carbonaceous BOD (CBOD)	<2.40	U	2.40	mg/L		2.74			200	40

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Quality Control
(Continued)

General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHL1889 - CBOD-5210 (Continued)										
Duplicate (BHL1889-DUP3)		**Source: 24L2726-02**			Prepared: 12/13/2024 Analyzed: 12/18/2024					
Carbonaceous BOD (CBOD)	2.85		2.40	mg/L		<2.40			200	40
Duplicate (BHL1889-DUP4)		**Source: 24L2628-02**			Prepared: 12/13/2024 Analyzed: 12/18/2024					
Carbonaceous BOD (CBOD)	3.03		2.40	mg/L		3.13			3.28	40
Duplicate (BHL1889-DUP5)		**Source: 24L0171-02**			Prepared: 12/13/2024 Analyzed: 12/18/2024					
Carbonaceous BOD (CBOD)	<2.40	U	2.40	mg/L		<2.40				40
Duplicate (BHL1889-DUP6)		**Source: 24L2626-02**			Prepared: 12/13/2024 Analyzed: 12/18/2024					
Carbonaceous BOD (CBOD)	<2.40	U	2.40	mg/L		<2.40				40
Duplicate (BHL1889-DUP7)		**Source: 24L2667-02**			Prepared: 12/13/2024 Analyzed: 12/18/2024					
Carbonaceous BOD (CBOD)	<2.40	U	2.40	mg/L		<2.40				40
Duplicate (BHL1889-DUP8)		**Source: 24L2776-02**			Prepared: 12/13/2024 Analyzed: 12/18/2024					
Carbonaceous BOD (CBOD)	3.16		2.40	mg/L		3.25			2.74	40
Batch: BHL1891 - TDS										
Blank (BHL1891-BLK1)					Prepared: 12/13/2024 Analyzed: 12/16/2024					
Residue-filterable (TDS)	<10.0	U	10.0	mg/L						
LCS (BHL1891-BS1)					Prepared: 12/13/2024 Analyzed: 12/16/2024					
Residue-filterable (TDS)	150		10.0	mg/L	150		100	90-110		
Duplicate (BHL1891-DUP1)		**Source: 24L2585-02**			Prepared: 12/13/2024 Analyzed: 12/16/2024					
Residue-filterable (TDS)	816		10.0	mg/L		808			0.985	10

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Quality Control
(Continued)

General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHL1906 - TSS										
Blank (BHL1906-BLK1)					Prepared: 12/13/2024 Analyzed: 12/16/2024					
Residue-nonfilterable (TSS)	<1.00	U	1.00	mg/L						
LCS (BHL1906-BS1)					Prepared: 12/13/2024 Analyzed: 12/16/2024					
Residue-nonfilterable (TSS)	99.3		1.00	mg/L	100		99.3	85-115		
Duplicate (BHL1906-DUP1)			**Source: 24L0316-07**		Prepared: 12/13/2024 Analyzed: 12/16/2024					
Residue-nonfilterable (TSS)	176		1.00	mg/L		190			7.65	10
Duplicate (BHL1906-DUP2)			**Source: 24L2601-04**		Prepared: 12/13/2024 Analyzed: 12/16/2024					
Residue-nonfilterable (TSS)	222		1.00	mg/L		220			0.905	10
Batch: BHL1943 - NH3-N SEAL-350.1										
Matrix Spike (BHL1943-MS1)			**Source: 24L2704-02**		Prepared & Analyzed: 12/13/2024					
Ammonia as N	0.222		0.0401	mg/L	0.200	0.0400	91.0	90-110		
Matrix Spike (BHL1943-MS2)			**Source: 24L2724-01**		Prepared & Analyzed: 12/13/2024					
Ammonia as N	0.263		0.0401	mg/L	0.200	0.0690	96.6	90-110		
Matrix Spike Dup (BHL1943-MSD1)			**Source: 24L2704-02**		Prepared & Analyzed: 12/13/2024					
Ammonia as N	0.239		0.0401	mg/L	0.200	0.0400	99.5	90-110	7.38	20
Matrix Spike Dup (BHL1943-MSD2)			**Source: 24L2724-01**		Prepared & Analyzed: 12/13/2024					
Ammonia as N	0.267		0.0401	mg/L	0.200	0.0690	98.6	90-110	1.52	20
Batch: BHL1987 - NH3-N SEAL-350.1										
Matrix Spike (BHL1987-MS1)			**Source: 24L2602-04**		Prepared & Analyzed: 12/13/2024					
Ammonia as N	62.1		5.00	mg/L	0.400	61.7	95.5	90-110		

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Quality Control
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General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHL1987 - NH3-N SEAL-350.1 (Continued)										
Matrix Spike (BHL1987-MS2)		**Source: 24L0172-01**			Prepared & Analyzed: 12/13/2024					
Ammonia as N	38.6		5.00	mg/L	0.400	38.3	93.4	90-110		
Matrix Spike Dup (BHL1987-MSD1)		**Source: 24L2602-04**			Prepared & Analyzed: 12/13/2024					
Ammonia as N	62.1		5.00	mg/L	0.400	61.7	108	90-110	0.0823	20
Matrix Spike Dup (BHL1987-MSD2)		**Source: 24L0172-01**			Prepared & Analyzed: 12/13/2024					
Ammonia as N	38.7		5.00	mg/L	0.400	38.3	99.5	90-110	0.0636	20
Batch: BHL1992 - TSS										
Blank (BHL1992-BLK1)					Prepared: 12/13/2024 Analyzed: 12/16/2024					
Residue-nonfilterable (TSS)	<1.00	U	1.00	mg/L						
LCS (BHL1992-BS1)					Prepared: 12/13/2024 Analyzed: 12/16/2024					
Residue-nonfilterable (TSS)	98.5		1.00	mg/L	100		98.5	85-115		
Duplicate (BHL1992-DUP1)		**Source: 24L2585-02**			Prepared: 12/13/2024 Analyzed: 12/16/2024					
Residue-nonfilterable (TSS)	4.00		1.00	mg/L		4.00			0.00	10
Duplicate (BHL1992-DUP2)		**Source: 24L2664-01**			Prepared: 12/13/2024 Analyzed: 12/16/2024					
Residue-nonfilterable (TSS)	5.47		1.00	mg/L		5.47			0.00	10
Batch: BHL2092 - TSS										
Blank (BHL2092-BLK1)					Prepared: 12/16/2024 Analyzed: 12/17/2024					
Residue-nonfilterable (TSS)	<1.00	U	1.00	mg/L						

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Quality Control
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General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHL2092 - TSS (Continued)										
LCS (BHL2092-BS1)				Prepared: 12/16/2024 Analyzed: 12/17/2024						
Residue-nonfilterable (TSS)	99.9		1.00	mg/L	100		99.9	85-115		
Duplicate (BHL2092-DUP1)		**Source: 24L0049-04**		Prepared: 12/16/2024 Analyzed: 12/17/2024						
Residue-nonfilterable (TSS)	98.0		1.00	mg/L		96.0			2.06	10
Duplicate (BHL2092-DUP2)		**Source: 24L2699-03**		Prepared: 12/16/2024 Analyzed: 12/17/2024						
Residue-nonfilterable (TSS)	140		1.00	mg/L		138			1.44	10
Batch: BHL2353 - BOD-5210										
LCS (BHL2353-BS1)				Prepared: 12/18/2024 Analyzed: 12/23/2024						
Biochemical Oxygen Demand (BOD)	190			mg/L	198		96.0	85-115		
Duplicate (BHL2353-DUP1)		**Source: 24L0599-01**		Prepared: 12/18/2024 Analyzed: 12/23/2024						
Biochemical Oxygen Demand (BOD)	2.94		2.40	mg/L		2.86			2.97	40
Duplicate (BHL2353-DUP2)		**Source: 24L3183-01**		Prepared: 12/18/2024 Analyzed: 12/23/2024						
Biochemical Oxygen Demand (BOD)	2.57		2.40	mg/L		2.44			5.20	40
Duplicate (BHL2353-DUP3)		**Source: 24L3032-03**		Prepared: 12/18/2024 Analyzed: 12/23/2024						
Biochemical Oxygen Demand (BOD)	263		50.0	mg/L		221			17.1	20
Duplicate (BHL2353-DUP4)		**Source: 24L3158-03**		Prepared: 12/18/2024 Analyzed: 12/23/2024						
Biochemical Oxygen Demand (BOD)	265		50.0	mg/L		311			16.2	20
Duplicate (BHL2353-DUP5)		**Source: 24L3030-08**		Prepared: 12/18/2024 Analyzed: 12/23/2024						
Biochemical Oxygen Demand (BOD)	109		50.0	mg/L		125			14.1	20

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Quality Control
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General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHL2353 - BOD-5210 (Continued)										
Duplicate (BHL2353-DUP6)		**Source: 24L3061-07**		Prepared: 12/18/2024 Analyzed: 12/23/2024						
Biochemical Oxygen Demand (BOD)	179	J1	50.0	mg/L		129			32.8	20
Duplicate (BHL2353-DUP7)		**Source: 24L3080-09**		Prepared: 12/18/2024 Analyzed: 12/23/2024						
Biochemical Oxygen Demand (BOD)	115		50.0	mg/L		110			4.08	20
Batch: BHL2354 - CBOD-5210										
LCS (BHL2354-BS1)				Prepared: 12/18/2024 Analyzed: 12/23/2024						
Carbonaceous BOD (CBOD)	193			mg/L	198		97.5	85-115		
Duplicate (BHL2354-DUP1)		**Source: 24L0710-01**		Prepared: 12/18/2024 Analyzed: 12/23/2024						
Carbonaceous BOD (CBOD)	<2.40	U	2.40	mg/L		<2.40				40
Duplicate (BHL2354-DUP2)		**Source: 24L3030-02**		Prepared: 12/18/2024 Analyzed: 12/23/2024						
Carbonaceous BOD (CBOD)	<2.40	U	2.40	mg/L		<2.40				40
Duplicate (BHL2354-DUP3)		**Source: 24L3078-01**		Prepared: 12/18/2024 Analyzed: 12/23/2024						
Carbonaceous BOD (CBOD)	3.58		2.40	mg/L		2.81			24.2	40
Duplicate (BHL2354-DUP4)		**Source: 24L3092-02**		Prepared: 12/18/2024 Analyzed: 12/23/2024						
Carbonaceous BOD (CBOD)	3.46		2.40	mg/L		4.60			28.5	40
Duplicate (BHL2354-DUP5)		**Source: 24L0632-01**		Prepared: 12/18/2024 Analyzed: 12/23/2024						
Carbonaceous BOD (CBOD)	<2.40	U	2.40	mg/L		<2.40				40
Duplicate (BHL2354-DUP6)		**Source: 24L3039-02**		Prepared: 12/18/2024 Analyzed: 12/23/2024						
Carbonaceous BOD (CBOD)	<2.40	U	2.40	mg/L		<2.40				40

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General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHL2354 - CBOD-5210 (Continued)										
Duplicate (BHL2354-DUP7)			**Source: 24L3059-01**		Prepared: 12/18/2024 Analyzed: 12/23/2024					
Carbonaceous BOD (CBOD)	4.20		2.40	mg/L		3.41			20.6	40
Duplicate (BHL2354-DUP8)			**Source: 24L0664-01**		Prepared: 12/18/2024 Analyzed: 12/23/2024					
Carbonaceous BOD (CBOD)	132		50.0	mg/L		140			5.54	20
Duplicate (BHL2354-DUP9)			**Source: 24L0418-01**		Prepared: 12/18/2024 Analyzed: 12/23/2024					
Carbonaceous BOD (CBOD)	2.79		2.40	mg/L		3.28			16.4	40
Batch: BHL2355 - TDS										
Blank (BHL2355-BLK1)					Prepared: 12/18/2024 Analyzed: 12/19/2024					
Residue-filterable (TDS)	<10.0	U	10.0	mg/L						
LCS (BHL2355-BS1)					Prepared: 12/18/2024 Analyzed: 12/19/2024					
Residue-filterable (TDS)	143		10.0	mg/L	150		95.3	90-110		
Duplicate (BHL2355-DUP1)			**Source: 24L3102-02**		Prepared: 12/18/2024 Analyzed: 12/19/2024					
Residue-filterable (TDS)	830		10.0	mg/L		842			1.44	10
Batch: BHL2361 - TSS										
Blank (BHL2361-BLK1)					Prepared: 12/18/2024 Analyzed: 12/19/2024					
Residue-nonfilterable (TSS)	<1.00	U	1.00	mg/L						
LCS (BHL2361-BS1)					Prepared: 12/18/2024 Analyzed: 12/19/2024					
Residue-nonfilterable (TSS)	98.8		1.00	mg/L	100		98.8	85-115		

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Quality Control
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General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHL2361 - TSS (Continued)										
Duplicate (BHL2361-DUP1)		**Source: 24L3086-02**			Prepared: 12/18/2024 Analyzed: 12/19/2024					
Residue-nonfilterable (TSS)	5.05		1.00	mg/L		5.05			0.00	10
Duplicate (BHL2361-DUP2)		**Source: 24L3185-01**			Prepared: 12/18/2024 Analyzed: 12/19/2024					
Residue-nonfilterable (TSS)	5.47		1.00	mg/L		5.68			3.77	10
Batch: BHL2437 - EPA 300.0										
Duplicate (BHL2437-DUP1)		**Source: 24L1161-21**			Prepared & Analyzed: 12/18/2024					
Sulfate	10.4		1.00	mg/L		10.3			0.174	15
Duplicate (BHL2437-DUP2)		**Source: 24L3102-02**			Prepared & Analyzed: 12/18/2024					
Sulfate	69.8		20.0	mg/L		67.9			2.73	15
MRL Check (BHL2437-MRL1)					Prepared & Analyzed: 12/18/2024					
Sulfate	1.10		1.00	mg/L	1.00		110	50-150		
Matrix Spike (BHL2437-MS1)		**Source: 24L1161-21**			Prepared & Analyzed: 12/18/2024					
Sulfate	33.6		1.11	mg/L	22.2	10.3	104	80-120		
Matrix Spike (BHL2437-MS2)		**Source: 24L3102-02**			Prepared & Analyzed: 12/18/2024					
Sulfate	88.5		22.2	mg/L	22.2	67.9	92.9	80-120		
Batch: BHL2452 - NH3-N SEAL-350.1										
Matrix Spike (BHL2452-MS1)		**Source: 24L3031-02**			Prepared & Analyzed: 12/19/2024					
Ammonia as N	1.62		0.401	mg/L	0.200	1.43	96.4	90-110		

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General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHL2452 - NH3-N SEAL-350.1 (Continued)										
Matrix Spike (BHL2452-MS2)		**Source: 24L3034-02**			Prepared & Analyzed: 12/19/2024					
Ammonia as N	0.228		0.0401	mg/L	0.200	0.0280	100	90-110		
Matrix Spike Dup (BHL2452-MSD1)		**Source: 24L3031-02**			Prepared & Analyzed: 12/19/2024					
Ammonia as N	1.62		0.401	mg/L	0.200	1.43	96.4	90-110	0.00	20
Matrix Spike Dup (BHL2452-MSD2)		**Source: 24L3034-02**			Prepared & Analyzed: 12/19/2024					
Ammonia as N	0.232		0.0401	mg/L	0.200	0.0280	102	90-110	1.74	20
Batch: BHL2530 - TSS										
Blank (BHL2530-BLK1)					Prepared: 12/19/2024 Analyzed: 12/20/2024					
Residue-nonfilterable (TSS)	<1.00	U	1.00	mg/L						
LCS (BHL2530-BS1)					Prepared: 12/19/2024 Analyzed: 12/20/2024					
Residue-nonfilterable (TSS)	99.2		1.00	mg/L	100		99.2	85-115		
Duplicate (BHL2530-DUP1)		**Source: 24L0664-01**			Prepared: 12/19/2024 Analyzed: 12/20/2024					
Residue-nonfilterable (TSS)	144	J1	1.00	mg/L		112			25.0	10
Duplicate (BHL2530-DUP2)		**Source: 24L3030-08**			Prepared: 12/19/2024 Analyzed: 12/20/2024					
Residue-nonfilterable (TSS)	126		1.00	mg/L		124			1.60	10
Batch: BHL2547 - NH3-N SEAL-350.1										
Matrix Spike (BHL2547-MS1)		**Source: 24L3390-04**			Prepared & Analyzed: 12/19/2024					
Ammonia as N	27.0		5.00	mg/L	0.400	26.6	94.1	90-110		

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Quality Control
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General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHL2547 - NH3-N SEAL-350.1 (Continued)										
Matrix Spike (BHL2547-MS2)		**Source: 24L3248-01**			Prepared & Analyzed: 12/19/2024					
Ammonia as N	80.8		5.00	mg/L	0.400	80.4	102	90-110		
Matrix Spike Dup (BHL2547-MSD1)		**Source: 24L3390-04**			Prepared & Analyzed: 12/19/2024					
Ammonia as N	27.0		5.00	mg/L	0.400	26.6	102	90-110	0.110	20
Matrix Spike Dup (BHL2547-MSD2)		**Source: 24L3248-01**			Prepared & Analyzed: 12/19/2024					
Ammonia as N	80.8		5.00	mg/L	0.400	80.4	96.9	90-110	0.0236	20
Batch: BHL2726 - TDS										
Blank (BHL2726-BLK1)					Prepared: 12/20/2024 Analyzed: 12/23/2024					
Residue-filterable (TDS)	<10.0	U	10.0	mg/L						
LCS (BHL2726-BS1)					Prepared: 12/20/2024 Analyzed: 12/23/2024					
Residue-filterable (TDS)	150		10.0	mg/L	150		100	90-110		
Duplicate (BHL2726-DUP1)		**Source: 24L3556-02**			Prepared: 12/20/2024 Analyzed: 12/23/2024					
Residue-filterable (TDS)	584		10.0	mg/L		594			1.70	10
Batch: BHL2735 - BOD-5210										
LCS (BHL2735-BS1)					Prepared: 12/20/2024 Analyzed: 12/25/2024					
Biochemical Oxygen Demand (BOD)	190			mg/L	198		95.8	85-115		
Duplicate (BHL2735-DUP1)		**Source: 24L3543-01**			Prepared: 12/20/2024 Analyzed: 12/25/2024					
Biochemical Oxygen Demand (BOD)	2.54		2.40	mg/L		2.70			6.18	40

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Quality Control
(Continued)

General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHL2735 - BOD-5210 (Continued)										
Duplicate (BHL2735-DUP2)		**Source: 24L3497-02**		Prepared: 12/20/2024 Analyzed: 12/25/2024						
Biochemical Oxygen Demand (BOD)	3.95		2.40	mg/L		3.74			5.46	40
Duplicate (BHL2735-DUP3)		**Source: 24L0786-04**		Prepared: 12/20/2024 Analyzed: 12/25/2024						
Biochemical Oxygen Demand (BOD)	12.0		2.40	mg/L		11.9			0.756	20
Duplicate (BHL2735-DUP4)		**Source: 24L3482-03**		Prepared: 12/20/2024 Analyzed: 12/25/2024						
Biochemical Oxygen Demand (BOD)	158		50.0	mg/L		148			6.59	20
Duplicate (BHL2735-DUP5)		**Source: 24L3463-03**		Prepared: 12/20/2024 Analyzed: 12/25/2024						
Biochemical Oxygen Demand (BOD)	151		50.0	mg/L		172			13.3	20
Batch: BHL2736 - CBOD-5210										
LCS (BHL2736-BS1)				Prepared: 12/20/2024 Analyzed: 12/25/2024						
Carbonaceous BOD (CBOD)	186			mg/L	198		94.0	85-115		
Duplicate (BHL2736-DUP1)		**Source: 24L3482-02**		Prepared: 12/20/2024 Analyzed: 12/25/2024						
Carbonaceous BOD (CBOD)	<2.40	U	2.40	mg/L		2.65			200	40
Duplicate (BHL2736-DUP2)		**Source: 24L3478-04**		Prepared: 12/20/2024 Analyzed: 12/25/2024						
Carbonaceous BOD (CBOD)	3.31		2.40	mg/L		3.93			17.1	40
Duplicate (BHL2736-DUP3)		**Source: 24L3480-04**		Prepared: 12/20/2024 Analyzed: 12/25/2024						
Carbonaceous BOD (CBOD)	<2.40	U	2.40	mg/L		3.04			200	40
Duplicate (BHL2736-DUP4)		**Source: 24L3549-02**		Prepared: 12/20/2024 Analyzed: 12/25/2024						
Carbonaceous BOD (CBOD)	3.88		2.40	mg/L		3.68			5.45	40

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Quality Control
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General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHL2736 - CBOD-5210 (Continued)										
Duplicate (BHL2736-DUP5)		**Source: 24L0537-01**			Prepared: 12/20/2024 Analyzed: 12/25/2024					
Carbonaceous BOD (CBOD)	33.5	J1	2.40	mg/L		27.0			21.6	20
Duplicate (BHL2736-DUP6)		**Source: 24L3467-02**			Prepared: 12/20/2024 Analyzed: 12/25/2024					
Carbonaceous BOD (CBOD)	4.21		2.40	mg/L		4.04			4.00	40
Duplicate (BHL2736-DUP7)		**Source: 24L3697-01**			Prepared: 12/20/2024 Analyzed: 12/25/2024					
Carbonaceous BOD (CBOD)	257		50.0	mg/L		281			9.03	20
Batch: BHL2808 - EPA 300.0										
Duplicate (BHL2808-DUP1)		**Source: 24L3530-02**			Prepared & Analyzed: 12/20/2024					
Sulfate	78.6		20.0	mg/L		79.7			1.39	15
MRL Check (BHL2808-MRL1)					Prepared & Analyzed: 12/20/2024					
Sulfate	1.17		1.00	mg/L	1.00		117	50-150		
Matrix Spike (BHL2808-MS1)		**Source: 24L3530-02**			Prepared & Analyzed: 12/20/2024					
Sulfate	100		22.2	mg/L	22.2	79.7	91.4	80-120		
Batch: BHL2843 - NH3-N SEAL-350.1										
Matrix Spike (BHL2843-MS1)		**Source: 24L3556-02**			Prepared & Analyzed: 12/20/2024					
Ammonia as N	0.269		0.0401	mg/L	0.200	0.0620	103	90-110		
Matrix Spike (BHL2843-MS2)		**Source: 24L3506-02**			Prepared & Analyzed: 12/20/2024					
Ammonia as N	0.324		0.0401	mg/L	0.200	0.112	106	90-110		

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Quality Control
(Continued)

General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHL2843 - NH3-N SEAL-350.1 (Continued)										
Matrix Spike Dup (BHL2843-MSD1)		**Source: 24L3556-02**			Prepared & Analyzed: 12/20/2024					
Ammonia as N	0.271		0.0401	mg/L	0.200	0.0620	104	90-110	0.743	20
Matrix Spike Dup (BHL2843-MSD2)		**Source: 24L3506-02**			Prepared & Analyzed: 12/20/2024					
Ammonia as N	0.330		0.0401	mg/L	0.200	0.112	109	90-110	1.84	20
Batch: BHL2867 - NH3-N SEAL-350.1										
Matrix Spike (BHL2867-MS1)		**Source: 24L3697-01**			Prepared & Analyzed: 12/20/2024					
Ammonia as N	32.8		5.00	mg/L	0.400	32.3	106	90-110		
Matrix Spike (BHL2867-MS2)		**Source: 24L0586-04**			Prepared & Analyzed: 12/20/2024					
Ammonia as N	25.1		5.00	mg/L	0.400	24.7	101	90-110		
Matrix Spike Dup (BHL2867-MSD1)		**Source: 24L3697-01**			Prepared & Analyzed: 12/20/2024					
Ammonia as N	32.7		5.00	mg/L	0.400	32.3	101	90-110	0.0583	20
Matrix Spike Dup (BHL2867-MSD2)		**Source: 24L0586-04**			Prepared & Analyzed: 12/20/2024					
Ammonia as N	25.1		5.00	mg/L	0.400	24.7	95.2	90-110	0.0878	20
Batch: BHL2955 - TSS										
Blank (BHL2955-BLK1)					Prepared: 12/23/2024 Analyzed: 12/26/2024					
Residue-nonfilterable (TSS)	<1.00	U	1.00	mg/L						
LCS (BHL2955-BS1)					Prepared: 12/23/2024 Analyzed: 12/26/2024					
Residue-nonfilterable (TSS)	98.5		1.00	mg/L	100		98.5	85-115		

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Quality Control
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General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHL2955 - TSS (Continued)										
Duplicate (BHL2955-DUP1)		**Source: 24L0698-01**			Prepared: 12/23/2024 Analyzed: 12/26/2024					
Residue-nonfilterable (TSS)	5.47		1.00	mg/L		5.68			3.77	10
Duplicate (BHL2955-DUP2)		**Source: 24L3717-01**			Prepared: 12/23/2024 Analyzed: 12/26/2024					
Residue-nonfilterable (TSS)	3.58	J1	1.00	mg/L		4.00			11.1	10
Batch: BHL2978 - TSS										
Blank (BHL2978-BLK1)					Prepared: 12/23/2024 Analyzed: 12/26/2024					
Residue-nonfilterable (TSS)	<1.00	U	1.00	mg/L						
LCS (BHL2978-BS1)					Prepared: 12/23/2024 Analyzed: 12/26/2024					
Residue-nonfilterable (TSS)	99.4		1.00	mg/L	100		99.4	85-115		
Duplicate (BHL2978-DUP1)		**Source: 24L0517-04**			Prepared: 12/23/2024 Analyzed: 12/26/2024					
Residue-nonfilterable (TSS)	196		1.00	mg/L		196			0.00	10
Duplicate (BHL2978-DUP2)		**Source: 24L3537-03**			Prepared: 12/23/2024 Analyzed: 12/26/2024					
Residue-nonfilterable (TSS)	98.0		1.00	mg/L		106			7.84	10
Batch: BHL2988 - EPA 300.0										
Duplicate (BHL2988-DUP1)		**Source: 24L0230-01RE1**			Prepared & Analyzed: 12/23/2024					
Sulfate	348		100	mg/L		352			1.17	15
MRL Check (BHL2988-MRL1)					Prepared & Analyzed: 12/23/2024					
Sulfate	1.10		1.00	mg/L	1.00		110	50-150		

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General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHL2988 - EPA 300.0 (Continued)										
Matrix Spike (BHL2988-MS1)		**Source: 24L0230-01RE1**			Prepared & Analyzed: 12/23/2024					
Sulfate	49.7	J1, U	111	mg/L	22.2	352	NR	80-120		
Batch: BHL3102 - BOD-5210										
LCS (BHL3102-BS1)					Prepared: 12/24/2024 Analyzed: 12/29/2024					
Biochemical Oxygen Demand (BOD)	197			mg/L	198		99.6	85-115		
Duplicate (BHL3102-DUP1)		**Source: 24L3867-02**			Prepared: 12/24/2024 Analyzed: 12/29/2024					
Biochemical Oxygen Demand (BOD)	2.88		2.40	mg/L		<2.40			200	40
Duplicate (BHL3102-DUP2)		**Source: 24L3870-02**			Prepared: 12/24/2024 Analyzed: 12/29/2024					
Biochemical Oxygen Demand (BOD)	<2.40	U	2.40	mg/L		2.46			200	40
Duplicate (BHL3102-DUP3)		**Source: 24L3757-01**			Prepared: 12/24/2024 Analyzed: 12/29/2024					
Biochemical Oxygen Demand (BOD)	145		50.0	mg/L		147			1.26	20
Duplicate (BHL3102-DUP4)		**Source: 24L0699-08**			Prepared: 12/24/2024 Analyzed: 12/29/2024					
Biochemical Oxygen Demand (BOD)	137		50.0	mg/L		135			1.36	20
Batch: BHL3103 - CBOD-5210										
LCS (BHL3103-BS1)					Prepared: 12/24/2024 Analyzed: 12/29/2024					
Carbonaceous BOD (CBOD)	208			mg/L	198		105	85-115		
Duplicate (BHL3103-DUP1)		**Source: 24L3859-01**			Prepared: 12/24/2024 Analyzed: 12/29/2024					
Carbonaceous BOD (CBOD)	4.80		2.40	mg/L		<2.40			200	40

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General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHL3103 - CBOD-5210 (Continued)										
Duplicate (BHL3103-DUP2)			**Source: 24L3865-02**		Prepared: 12/24/2024 Analyzed: 12/29/2024					
Carbonaceous BOD (CBOD)	<2.40	U	2.40	mg/L		2.72			200	40
Duplicate (BHL3103-DUP3)			**Source: 24L3897-02**		Prepared: 12/24/2024 Analyzed: 12/29/2024					
Carbonaceous BOD (CBOD)	3.16		2.40	mg/L		3.58			12.6	40
Duplicate (BHL3103-DUP4)			**Source: 24L3867-02**		Prepared: 12/24/2024 Analyzed: 12/29/2024					
Carbonaceous BOD (CBOD)	3.66		2.40	mg/L		4.84			27.8	40
Batch: BHL3166 - NH3-N SEAL-350.1										
Matrix Spike (BHL3166-MS1)			**Source: 24L3929-02**		Prepared & Analyzed: 12/27/2024					
Ammonia as N	0.249		0.0401	mg/L	0.200	0.0500	99.6	90-110		
Matrix Spike (BHL3166-MS2)			**Source: 24L3925-01**		Prepared & Analyzed: 12/27/2024					
Ammonia as N	0.266		0.0401	mg/L	0.200	0.0710	97.1	90-110		
Matrix Spike Dup (BHL3166-MSD1)			**Source: 24L3929-02**		Prepared & Analyzed: 12/27/2024					
Ammonia as N	0.265		0.0401	mg/L	0.200	0.0500	107	90-110	5.85	20
Matrix Spike Dup (BHL3166-MSD2)			**Source: 24L3925-01**		Prepared & Analyzed: 12/27/2024					
Ammonia as N	0.270		0.0401	mg/L	0.200	0.0710	99.1	90-110	1.50	20
Batch: BHL3182 - TDS										
Blank (BHL3182-BLK1)					Prepared: 12/26/2024 Analyzed: 12/27/2024					
Residue-filterable (TDS)	<10.0	U	10.0	mg/L						

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General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHL3182 - TDS (Continued)										
LCS (BHL3182-BS1)					Prepared: 12/26/2024 Analyzed: 12/27/2024					
Residue-filterable (TDS)	150		10.0	mg/L	150		100	90-110		
Duplicate (BHL3182-DUP1)			**Source: 24L3879-02**		Prepared: 12/26/2024 Analyzed: 12/27/2024					
Residue-filterable (TDS)	890		10.0	mg/L		888			0.225	10
Duplicate (BHL3182-DUP2)			**Source: 24L4181-02**		Prepared: 12/26/2024 Analyzed: 12/27/2024					
Residue-filterable (TDS)	502		10.0	mg/L		500			0.399	10
Batch: BHL3183 - BOD-5210										
LCS (BHL3183-BS1)					Prepared: 12/26/2024 Analyzed: 12/31/2024					
Biochemical Oxygen Demand (BOD)	179			mg/L	198		90.3	85-115		
Duplicate (BHL3183-DUP1)			**Source: 24L0616-01**		Prepared: 12/26/2024 Analyzed: 12/31/2024					
Biochemical Oxygen Demand (BOD)	6.55		2.40	mg/L		6.09			7.21	40
Duplicate (BHL3183-DUP2)			**Source: 24L4050-03**		Prepared: 12/26/2024 Analyzed: 12/31/2024					
Biochemical Oxygen Demand (BOD)	287		50.0	mg/L		308			7.14	20
Duplicate (BHL3183-DUP3)			**Source: 24L0725-02**		Prepared: 12/26/2024 Analyzed: 12/31/2024					
Biochemical Oxygen Demand (BOD)	56.9	J1	50.0	mg/L		72.9			24.7	40
Duplicate (BHL3183-DUP4)			**Source: 24L4259-03**		Prepared: 12/26/2024 Analyzed: 12/31/2024					
Biochemical Oxygen Demand (BOD)	<50.0	J4, U	50.0	mg/L		<50.0				20
Duplicate (BHL3183-DUP5)			**Source: 24L0534-01**		Prepared: 12/26/2024 Analyzed: 12/31/2024					
Biochemical Oxygen Demand (BOD)	8.42	J1	2.40	mg/L		10.4			21.2	20

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General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHL3184 - CBOD-5210										
LCS (BHL3184-BS1)					Prepared: 12/26/2024 Analyzed: 12/31/2024					
Carbonaceous BOD (CBOD)	179			mg/L	198		90.3	85-115		
Duplicate (BHL3184-DUP1)		**Source: 24L0678-02**			Prepared: 12/26/2024 Analyzed: 12/31/2024					
Carbonaceous BOD (CBOD)	4.79	J1	2.40	mg/L		2.69			56.3	20
Duplicate (BHL3184-DUP2)		**Source: 24L4163-02**			Prepared: 12/26/2024 Analyzed: 12/31/2024					
Carbonaceous BOD (CBOD)	7.38		2.40	mg/L		7.81			5.69	20
Duplicate (BHL3184-DUP3)		**Source: 24L4180-02**			Prepared: 12/26/2024 Analyzed: 12/31/2024					
Carbonaceous BOD (CBOD)	2.59		2.40	mg/L		3.40			26.9	20
Duplicate (BHL3184-DUP4)		**Source: 24L4245-01**			Prepared: 12/26/2024 Analyzed: 12/31/2024					
Carbonaceous BOD (CBOD)	6.02		2.40	mg/L		5.68			5.98	20
Duplicate (BHL3184-DUP5)		**Source: 24L0453-01**			Prepared: 12/26/2024 Analyzed: 12/31/2024					
Carbonaceous BOD (CBOD)	3.21		2.40	mg/L		<2.40			200	20
Batch: BHL3188 - EPA 300.0										
Duplicate (BHL3188-DUP1)		**Source: 24L4163-02**			Prepared & Analyzed: 12/26/2024					
Sulfate	46.9		1.00	mg/L		46.9			0.0192	15
Duplicate (BHL3188-DUP2)		**Source: 24L3915-02**			Prepared & Analyzed: 12/26/2024					
Sulfate	45.0		1.00	mg/L		45.0			0.0378	15
MRL Check (BHL3188-MRL1)					Prepared & Analyzed: 12/26/2024					
Sulfate	1.16		1.00	mg/L	1.00		116	50-150		

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General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHL3188 - EPA 300.0 (Continued)										
Matrix Spike (BHL3188-MS1)		**Source: 24L4163-02**			Prepared & Analyzed: 12/26/2024					
Sulfate	71.3		1.11	mg/L	22.2	46.9	109	80-120		
Matrix Spike (BHL3188-MS2)		**Source: 24L3915-02**			Prepared & Analyzed: 12/26/2024					
Sulfate	69.3		1.11	mg/L	22.2	45.0	109	80-120		
Batch: BHL3191 - TSS										
Blank (BHL3191-BLK1)					Prepared: 12/26/2024 Analyzed: 12/27/2024					
Residue-nonfilterable (TSS)	<1.00	U	1.00	mg/L						
LCS (BHL3191-BS1)					Prepared: 12/26/2024 Analyzed: 12/27/2024					
Residue-nonfilterable (TSS)	97.7		1.00	mg/L	100		97.7	85-115		
Duplicate (BHL3191-DUP1)		**Source: 24L0700-01**			Prepared: 12/26/2024 Analyzed: 12/27/2024					
Residue-nonfilterable (TSS)	6.11	J1	1.00	mg/L		6.95			12.9	10
Duplicate (BHL3191-DUP2)		**Source: 24L3926-01**			Prepared: 12/26/2024 Analyzed: 12/27/2024					
Residue-nonfilterable (TSS)	11.4		1.00	mg/L		11.4			0.00	10
Batch: BHL3271 - TSS										
Blank (BHL3271-BLK1)					Prepared: 12/26/2024 Analyzed: 12/27/2024					
Residue-nonfilterable (TSS)	<1.00	U	1.00	mg/L						
LCS (BHL3271-BS1)					Prepared: 12/26/2024 Analyzed: 12/27/2024					
Residue-nonfilterable (TSS)	99.0		1.00	mg/L	100		99.0	85-115		

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Quality Control
(Continued)

General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHL3271 - TSS (Continued)										
Duplicate (BHL3271-DUP1)		**Source: 24L0677-01**		Prepared: 12/26/2024 Analyzed: 12/27/2024						
Residue-nonfilterable (TSS)	100	J1	1.00	mg/L		114			13.1	10
Duplicate (BHL3271-DUP2)		**Source: 24L3870-06**		Prepared: 12/26/2024 Analyzed: 12/27/2024						
Residue-nonfilterable (TSS)	208	J1	1.00	mg/L		176			16.7	10
Batch: BHL3329 - NH3-N SEAL-350.1										
Matrix Spike (BHL3329-MS1)		**Source: 24L4259-03**		Prepared & Analyzed: 12/26/2024						
Ammonia as N	0.385		0.0500	mg/L	0.400	<0.0500	96.2	90-110		
Matrix Spike (BHL3329-MS2)		**Source: 24L4212-04**		Prepared & Analyzed: 12/26/2024						
Ammonia as N	46.2		5.00	mg/L	0.400	45.8	104	90-110		
Matrix Spike Dup (BHL3329-MSD1)		**Source: 24L4259-03**		Prepared & Analyzed: 12/26/2024						
Ammonia as N	0.376		0.0500	mg/L	0.400	<0.0500	94.1	90-110	2.18	20
Matrix Spike Dup (BHL3329-MSD2)		**Source: 24L4212-04**		Prepared & Analyzed: 12/26/2024						
Ammonia as N	46.2		5.00	mg/L	0.400	45.8	97.8	90-110	0.0531	20
Batch: BHL3330 - NH3-N SEAL-350.1										
Matrix Spike (BHL3330-MS1)		**Source: 24L3851-01**		Prepared & Analyzed: 12/26/2024						
Ammonia as N	35.6		5.00	mg/L	0.400	35.2	96.6	90-110		
Matrix Spike Dup (BHL3330-MSD1)		**Source: 24L3851-01**		Prepared & Analyzed: 12/26/2024						
Ammonia as N	35.6		5.00	mg/L	0.400	35.2	92.3	90-110	0.0483	20

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Quality Control
(Continued)

General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHL3428 - TDS										
Blank (BHL3428-BLK1)				Prepared: 12/27/2024 Analyzed: 12/30/2024						
Residue-filterable (TDS)	<10.0	U	10.0	mg/L						
LCS (BHL3428-BS1)				Prepared: 12/27/2024 Analyzed: 12/30/2024						
Residue-filterable (TDS)	150		10.0	mg/L	150		100	90-110		
Duplicate (BHL3428-DUP1)			**Source: 24L4193-02**	Prepared: 12/27/2024 Analyzed: 12/30/2024						
Residue-filterable (TDS)	874		10.0	mg/L		882			0.911	10
Batch: BHL3431 - TSS										
Blank (BHL3431-BLK1)				Prepared: 12/27/2024 Analyzed: 12/30/2024						
Residue-nonfilterable (TSS)	<1.00	U	1.00	mg/L						
LCS (BHL3431-BS1)				Prepared: 12/27/2024 Analyzed: 12/30/2024						
Residue-nonfilterable (TSS)	99.6		1.00	mg/L	100		99.6	85-115		
Duplicate (BHL3431-DUP1)			**Source: 24L4193-02**	Prepared: 12/27/2024 Analyzed: 12/30/2024						
Residue-nonfilterable (TSS)	4.21		1.00	mg/L		4.00			5.13	10
Duplicate (BHL3431-DUP2)			**Source: 24L4239-02**	Prepared: 12/27/2024 Analyzed: 12/30/2024						
Residue-nonfilterable (TSS)	2.95	J1	1.00	mg/L		2.32			24.0	10
Batch: BHL3439 - TSS										
Blank (BHL3439-BLK1)				Prepared: 12/27/2024 Analyzed: 12/30/2024						
Residue-nonfilterable (TSS)	<1.00	U	1.00	mg/L						

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Quality Control
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General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHL3439 - TSS (Continued)										
LCS (BHL3439-BS1)					Prepared: 12/27/2024 Analyzed: 12/30/2024					
Residue-nonfilterable (TSS)	99.6		1.00	mg/L	100		99.6	85-115		
Duplicate (BHL3439-DUP1)		**Source: 24L0704-02**			Prepared: 12/27/2024 Analyzed: 12/30/2024					
Residue-nonfilterable (TSS)	134		1.00	mg/L		124			7.75	10
Duplicate (BHL3439-DUP2)		**Source: 24L4055-01**			Prepared: 12/27/2024 Analyzed: 12/30/2024					
Residue-nonfilterable (TSS)	130	J1	1.00	mg/L		116			11.4	10
Batch: BHL3644 - NH3-N SEAL-350.1										
Matrix Spike (BHL3644-MS1)		**Source: 24L4069-02**			Prepared & Analyzed: 12/30/2024					
Ammonia as N	0.168	J1	0.0401	mg/L	0.200	<0.0401	84.0	90-110		
Matrix Spike (BHL3644-MS2)		**Source: 24L4031-02**			Prepared & Analyzed: 12/30/2024					
Ammonia as N	0.255		0.0401	mg/L	0.200	0.0560	99.1	90-110		
Matrix Spike Dup (BHL3644-MSD1)		**Source: 24L4069-02**			Prepared & Analyzed: 12/30/2024					
Ammonia as N	0.160	J1	0.0401	mg/L	0.200	<0.0401	80.0	90-110	4.88	20
Matrix Spike Dup (BHL3644-MSD2)		**Source: 24L4031-02**			Prepared & Analyzed: 12/30/2024					
Ammonia as N	0.251		0.0401	mg/L	0.200	0.0560	97.1	90-110	1.59	20
Batch: BHL3711 - BOD-5210										
LCS (BHL3711-BS1)					Prepared: 12/31/2024 Analyzed: 01/05/2025					
Biochemical Oxygen Demand (BOD)	204			mg/L	198		103	85-115		

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Quality Control
(Continued)

General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHL3711 - BOD-5210 (Continued)										
Duplicate (BHL3711-DUP1)		**Source: 24L4556-02**		Prepared: 12/31/2024 Analyzed: 01/05/2025						
Biochemical Oxygen Demand (BOD)	7.69		2.40	mg/L		6.61			15.2	40
Duplicate (BHL3711-DUP2)		**Source: 24L4699-01**		Prepared: 12/31/2024 Analyzed: 01/05/2025						
Biochemical Oxygen Demand (BOD)	4.78		3.00	mg/L		4.25			11.7	40
Duplicate (BHL3711-DUP3)		**Source: 24L4817-03**		Prepared: 12/31/2024 Analyzed: 01/05/2025						
Biochemical Oxygen Demand (BOD)	248		50.0	mg/L		228			8.61	20
Duplicate (BHL3711-DUP4)		**Source: 24L4681-02**		Prepared: 12/31/2024 Analyzed: 01/05/2025						
Biochemical Oxygen Demand (BOD)	167		50.0	mg/L		<50.0			200	20
Batch: BHL3712 - CBOD-5210										
LCS (BHL3712-BS1)				Prepared: 12/31/2024 Analyzed: 01/05/2025						
Carbonaceous BOD (CBOD)	239	J1		mg/L	198		121	85-115		
Duplicate (BHL3712-DUP1)		**Source: 24L4597-02**		Prepared: 12/31/2024 Analyzed: 01/05/2025						
Carbonaceous BOD (CBOD)	3.56		2.40	mg/L		3.83			7.42	40
Duplicate (BHL3712-DUP2)		**Source: 24L4640-02**		Prepared: 12/31/2024 Analyzed: 01/05/2025						
Carbonaceous BOD (CBOD)	5.70		2.40	mg/L		5.96			4.32	40
Duplicate (BHL3712-DUP3)		**Source: 24L0487-01**		Prepared: 12/31/2024 Analyzed: 01/05/2025						
Carbonaceous BOD (CBOD)	2.41	J1	2.40	mg/L		16.6			149	20
Batch: BHL3744 - TSS										
Blank (BHL3744-BLK1)				Prepared: 12/31/2024 Analyzed: 01/02/2025						
Residue-nonfilterable (TSS)	<1.00	U	1.00	mg/L						

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Quality Control
(Continued)

General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHL3744 - TSS (Continued)										
LCS (BHL3744-BS1)					Prepared: 12/31/2024 Analyzed: 01/02/2025					
Residue-nonfilterable (TSS)	99.0		1.00	mg/L	100		99.0	85-115		
Duplicate (BHL3744-DUP1)		**Source: 24L4531-01**			Prepared: 12/31/2024 Analyzed: 01/02/2025					
Residue-nonfilterable (TSS)	196		1.00	mg/L		206			4.98	10
Duplicate (BHL3744-DUP2)		**Source: 24L4616-01**			Prepared: 12/31/2024 Analyzed: 01/02/2025					
Residue-nonfilterable (TSS)	61.2		1.00	mg/L		57.5			6.32	10
Batch: BHL3767 - EPA 300.0										
Duplicate (BHL3767-DUP1)		**Source: 24L4640-02**			Prepared & Analyzed: 12/31/2024					
Sulfate	67.2		20.0	mg/L		65.7			2.20	15
MRL Check (BHL3767-MRL1)					Prepared & Analyzed: 12/31/2024					
Sulfate	1.14		1.00	mg/L	1.00		114	50-150		
Matrix Spike (BHL3767-MS1)		**Source: 24L4640-02**			Prepared & Analyzed: 12/31/2024					
Sulfate	87.2		22.2	mg/L	22.2	65.7	96.5	80-120		
Batch: BHL3795 - NH3-N SEAL-350.1										
Matrix Spike (BHL3795-MS1)		**Source: 24L4673-07**			Prepared & Analyzed: 01/02/2025					
Ammonia as N	62.7		5.00	mg/L	0.400	62.3	109	90-110		
Matrix Spike (BHL3795-MS2)		**Source: 24L0487-05**			Prepared & Analyzed: 01/02/2025					
Ammonia as N	28.2		5.00	mg/L	0.400	27.8	102	90-110		

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Quality Control
(Continued)

General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHL3795 - NH3-N SEAL-350.1 (Continued)										
Matrix Spike Dup (BHL3795-MSD1)	**Source: 24L4673-07**				Prepared & Analyzed: 01/02/2025					
Ammonia as N	62.7		5.00	mg/L	0.400	62.3	98.6	90-110	0.0665	20
Matrix Spike Dup (BHL3795-MSD2)	**Source: 24L0487-05**				Prepared & Analyzed: 01/02/2025					
Ammonia as N	28.2		5.00	mg/L	0.400	27.8	98.4	90-110	0.0570	20
Batch: BIA0063 - TDS										
Blank (BIA0063-BLK1)					Prepared: 01/02/2025 Analyzed: 01/03/2025					
Residue-filterable (TDS)	<10.0	U	10.0	mg/L						
LCS (BIA0063-BS1)					Prepared: 01/02/2025 Analyzed: 01/03/2025					
Residue-filterable (TDS)	149		10.0	mg/L	150		99.3	90-110		
Duplicate (BIA0063-DUP1)	**Source: 25A1129-02**				Prepared: 01/02/2025 Analyzed: 01/03/2025					
Residue-filterable (TDS)	700		10.0	mg/L		698			0.286	10
Batch: BIA0069 - TSS										
Blank (BIA0069-BLK1)					Prepared: 01/02/2025 Analyzed: 01/03/2025					
Residue-nonfilterable (TSS)	<1.00	U	1.00	mg/L						
LCS (BIA0069-BS1)					Prepared: 01/02/2025 Analyzed: 01/03/2025					
Residue-nonfilterable (TSS)	99.1		1.00	mg/L	100		99.1	85-115		
Duplicate (BIA0069-DUP1)	**Source: 24L4640-02**				Prepared: 01/02/2025 Analyzed: 01/03/2025					
Residue-nonfilterable (TSS)	7.37		1.00	mg/L		7.37			0.00	10

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Quality Control
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General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BIA0069 - TSS (Continued)										
Duplicate (BIA0069-DUP2)		**Source: 24L4815-01**		Prepared: 01/02/2025 Analyzed: 01/03/2025						
Residue-nonfilterable (TSS)	6.32		1.00	mg/L		5.89			6.90	10
Batch: BIA0185 - NH3-N SEAL-350.1										
Matrix Spike (BIA0185-MS1)		**Source: 24L4793-02**		Prepared & Analyzed: 01/03/2025						
Ammonia as N	0.826		0.160	mg/L	0.200	0.644	90.6	90-110		
Matrix Spike (BIA0185-MS2)		**Source: 24L4657-02**		Prepared & Analyzed: 01/03/2025						
Ammonia as N	0.493	J1	0.160	mg/L	0.200	0.313	89.8	90-110		
Matrix Spike Dup (BIA0185-MSD1)		**Source: 24L4793-02**		Prepared & Analyzed: 01/03/2025						
Ammonia as N	0.822	J1	0.160	mg/L	0.200	0.644	88.6	90-110	0.487	20
Matrix Spike Dup (BIA0185-MSD2)		**Source: 24L4657-02**		Prepared & Analyzed: 01/03/2025						
Ammonia as N	0.501		0.160	mg/L	0.200	0.313	93.8	90-110	1.61	20

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Quality Control
(Continued)

Microbiology

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHL0742 - TC EC Quantitray										
Blank (BHL0742-BLK1)					Prepared: 12/05/2024 Analyzed: 12/06/2024					
Escherichia coli (E. coli)	<1.00	U	1.00	MPN/100 mL						
Duplicate (BHL0742-DUP1)			**Source: 24L1764-01**		Prepared: 12/05/2024 Analyzed: 12/06/2024					
Escherichia coli (E. coli)	29.4		1.00	MPN/100 mL		25.3			15.0	200
Batch: BHL1744 - TC EC Quantitray										
Blank (BHL1744-BLK1)					Prepared: 12/12/2024 Analyzed: 12/13/2024					
Escherichia coli (E. coli)	<1.00	U	1.00	MPN/100 mL						
Duplicate (BHL1744-DUP1)			**Source: 24L2586-01**		Prepared: 12/12/2024 Analyzed: 12/13/2024					
Escherichia coli (E. coli)	>2420		1.00	MPN/100 mL		1990			19.7	200
Batch: BHL2706 - TC EC Quantitray										
Blank (BHL2706-BLK1)					Prepared: 12/19/2024 Analyzed: 12/20/2024					
Escherichia coli (E. coli)	<1.00	U	1.00	MPN/100 mL						
Duplicate (BHL2706-DUP1)			**Source: 24L3531-01**		Prepared: 12/19/2024 Analyzed: 12/20/2024					
Escherichia coli (E. coli)	<1.00	J1, U	1.00	MPN/100 mL		2.00			200	200
Batch: BHL3324 - TC EC Quantitray										
Blank (BHL3324-BLK1)					Prepared: 12/26/2024 Analyzed: 12/27/2024					
Escherichia coli (E. coli)	<1.00	U	1.00	MPN/100 mL						

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Quality Control
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Microbiology (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHL3324 - TC EC Quantitray (Continued)										
Duplicate (BHL3324-DUP1)		**Source: 24L4245-01**			Prepared: 12/26/2024 Analyzed: 12/27/2024					
Escherichia coli (E. coli)	<1.00	J1, U	1.00	MPN/100 mL		20.3			200	200
Duplicate (BHL3324-DUP2)		**Source: 24L4249-01**			Prepared: 12/26/2024 Analyzed: 12/27/2024					
Escherichia coli (E. coli)	<1.00	U	1.00	MPN/100 mL		<1.00				200

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Sample Condition Checklist

Work Order: 24L0025

Check Points	
No	Custody Seals
Yes	Containers Intact
Yes	COC/Labels Agree
Yes	Received On Ice
Yes	Appropriate Containers
Yes	Appropriate Sample Volume
Yes	Coolers Intact
Yes	Samples Accepted

Work Order: 24L0026

Check Points	
No	Custody Seals
Yes	Containers Intact
Yes	COC/Labels Agree
Yes	Received On Ice
Yes	Appropriate Containers
Yes	Appropriate Sample Volume
Yes	Coolers Intact
Yes	Samples Accepted

Work Order: 24L0027

Check Points	
No	Custody Seals
Yes	Containers Intact
Yes	COC/Labels Agree
Yes	Received On Ice
Yes	Appropriate Containers
Yes	Appropriate Sample Volume
Yes	Coolers Intact
Yes	Samples Accepted

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Work Order: 24L0028

Check Points

No	Custody Seals
Yes	Containers Intact
Yes	COC/Labels Agree
Yes	Received On Ice
Yes	Appropriate Containers
Yes	Appropriate Sample Volume
Yes	Coolers Intact
Yes	Samples Accepted

Work Order: 24L0029

Check Points

No	Custody Seals
Yes	Containers Intact
Yes	COC/Labels Agree
Yes	Received On Ice
Yes	Appropriate Containers
Yes	Appropriate Sample Volume
Yes	Coolers Intact
Yes	Samples Accepted

Work Order: 24L0030

Check Points

No	Custody Seals
Yes	Containers Intact
Yes	COC/Labels Agree
Yes	Received On Ice
Yes	Appropriate Containers
Yes	Appropriate Sample Volume
Yes	Coolers Intact
Yes	Samples Accepted

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Work Order: 24L0545

Check Points

No	Custody Seals
Yes	Containers Intact
Yes	COC/Labels Agree
Yes	Received On Ice
Yes	Appropriate Containers
Yes	Appropriate Sample Volume
Yes	Coolers Intact
Yes	Samples Accepted

Work Order: 24L0546

Check Points

No	Custody Seals
Yes	Containers Intact
Yes	COC/Labels Agree
Yes	Received On Ice
Yes	Appropriate Containers
Yes	Appropriate Sample Volume
Yes	Coolers Intact
Yes	Samples Accepted

Work Order: 24L0547

Check Points

No	Custody Seals
Yes	Containers Intact
Yes	COC/Labels Agree
Yes	Received On Ice
Yes	Appropriate Containers
Yes	Appropriate Sample Volume
Yes	Coolers Intact
Yes	Samples Accepted

A = Accredited, N = Not Accredited or Accreditation not available

130 S. Trade Center Parkway. Conroe TX 77385
Tel: (936) 321-6060
Email: lab@nwdls.com
www. NWDLS.com
TCEQ TX-C24-00185

Inframark
32259 Morton Road
Brookshire, TX 77423

Reported:
01/10/2025 10:19

Work Order: 24L0548

Check Points

No	Custody Seals
Yes	Containers Intact
Yes	COC/Labels Agree
Yes	Received On Ice
Yes	Appropriate Containers
Yes	Appropriate Sample Volume
Yes	Coolers Intact
Yes	Samples Accepted

Work Order: 24L0549

Check Points

No	Custody Seals
Yes	Containers Intact
Yes	COC/Labels Agree
Yes	Received On Ice
Yes	Appropriate Containers
Yes	Appropriate Sample Volume
Yes	Coolers Intact
Yes	Samples Accepted

Work Order: 24L0550

Check Points

No	Custody Seals
Yes	Containers Intact
Yes	COC/Labels Agree
Yes	Received On Ice
Yes	Appropriate Containers
Yes	Appropriate Sample Volume
Yes	Coolers Intact
Yes	Samples Accepted

* A = Accredited, N = Not Accredited or Accreditation not available

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Inframark
32259 Morton Road
Brookshire, TX 77423

Reported:
01/10/2025 10:19

Work Order: 24L1104

Check Points

No	Custody Seals
Yes	Containers Intact
Yes	COC/Labels Agree
Yes	Received On Ice
Yes	Appropriate Containers
Yes	Appropriate Sample Volume
Yes	Coolers Intact
Yes	Samples Accepted

Work Order: 24L1506

Check Points

No	Custody Seals
Yes	Containers Intact
Yes	COC/Labels Agree
Yes	Received On Ice
Yes	Appropriate Containers
Yes	Appropriate Sample Volume
Yes	Coolers Intact
Yes	Samples Accepted

Work Order: 24L1763

Check Points

No	Custody Seals
Yes	Containers Intact
Yes	COC/Labels Agree
Yes	Received On Ice
Yes	Appropriate Containers
Yes	Appropriate Sample Volume
Yes	Coolers Intact
Yes	Samples Accepted

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Inframark
32259 Morton Road
Brookshire, TX 77423

Reported:
01/10/2025 10:19

Work Order: 24L1764

Check Points

No	Custody Seals
Yes	Containers Intact
Yes	COC/Labels Agree
Yes	Received On Ice
Yes	Appropriate Containers
Yes	Appropriate Sample Volume
Yes	Coolers Intact
Yes	Samples Accepted

Work Order: 24L2236

Check Points

No	Custody Seals
Yes	Containers Intact
Yes	COC/Labels Agree
Yes	Received On Ice
Yes	Appropriate Containers
Yes	Appropriate Sample Volume
Yes	Coolers Intact
Yes	Samples Accepted

Work Order: 24L2585

Check Points

No	Custody Seals
Yes	Containers Intact
Yes	COC/Labels Agree
Yes	Received On Ice
Yes	Appropriate Containers
Yes	Appropriate Sample Volume
Yes	Coolers Intact
Yes	Samples Accepted

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Inframark
32259 Morton Road
Brookshire, TX 77423

Reported:
01/10/2025 10:19

Work Order: 24L2586

Check Points

No	Custody Seals
Yes	Containers Intact
Yes	COC/Labels Agree
Yes	Received On Ice
Yes	Appropriate Containers
Yes	Appropriate Sample Volume
Yes	Coolers Intact
Yes	Samples Accepted

Work Order: 24L3102

Check Points

No	Custody Seals
Yes	Containers Intact
Yes	COC/Labels Agree
Yes	Received On Ice
Yes	Appropriate Containers
Yes	Appropriate Sample Volume
Yes	Coolers Intact
Yes	Samples Accepted

Work Order: 24L3529

Check Points

No	Custody Seals
No	Containers Intact
No	COC/Labels Agree
No	Received On Ice
No	Appropriate Containers
No	Appropriate Sample Volume
No	Coolers Intact
No	Samples Accepted

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Inframark
32259 Morton Road
Brookshire, TX 77423

Reported:
01/10/2025 10:19

Work Order: 24L3530

Check Points

No	Custody Seals
Yes	Containers Intact
Yes	COC/Labels Agree
Yes	Received On Ice
Yes	Appropriate Containers
Yes	Appropriate Sample Volume
Yes	Coolers Intact
Yes	Samples Accepted

Work Order: 24L3531

Check Points

No	Custody Seals
Yes	Containers Intact
Yes	COC/Labels Agree
Yes	Received On Ice
Yes	Appropriate Containers
Yes	Appropriate Sample Volume
Yes	Coolers Intact
Yes	Samples Accepted

Work Order: 24L3878

Check Points

No	Custody Seals
No	Containers Intact
No	COC/Labels Agree
No	Received On Ice
No	Appropriate Containers
No	Appropriate Sample Volume
No	Coolers Intact
No	Samples Accepted

* A = Accredited, N = Not Accredited or Accreditation not available

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Inframark
32259 Morton Road
Brookshire, TX 77423

Reported:
01/10/2025 10:19

Work Order: 24L3879

Check Points

No	Custody Seals
Yes	Containers Intact
Yes	COC/Labels Agree
Yes	Received On Ice
Yes	Appropriate Containers
Yes	Appropriate Sample Volume
Yes	Coolers Intact
Yes	Samples Accepted

Work Order: 24L4193

Check Points

No	Custody Seals
Yes	Containers Intact
Yes	COC/Labels Agree
Yes	Received On Ice
Yes	Appropriate Containers
Yes	Appropriate Sample Volume
Yes	Coolers Intact
Yes	Samples Accepted

Work Order: 24L4194

Check Points

No	Custody Seals
Yes	Containers Intact
Yes	COC/Labels Agree
Yes	Received On Ice
Yes	Appropriate Containers
Yes	Appropriate Sample Volume
Yes	Coolers Intact
Yes	Samples Accepted

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Inframark
32259 Morton Road
Brookshire, TX 77423

Reported:
01/10/2025 10:19

Work Order: 24L4640

Check Points

No	Custody Seals
Yes	Containers Intact
Yes	COC/Labels Agree
Yes	Received On Ice
Yes	Appropriate Containers
Yes	Appropriate Sample Volume
Yes	Coolers Intact
Yes	Samples Accepted

* A = Accredited, N = Not Accredited or Accreditation not available

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Inframark
32259 Morton Road
Brookshire, TX 77423

Reported:
01/10/2025 10:19

Term and Qualifier Definitions

Item	Definition
CQ	The method required frequency of the matrix spike duplicate was not met due to sample volume limitations. Lab precision demonstrated through LCS/LCSD.
FF	The blank for biochemical oxygen demand depleted more than the method limit of 0.20 mg/l.
J	Estimated value - The reported value is between the detection limit and reporting limit.
J1	Estimated value - The reported value is outside the established quality control criteria for accuracy and/or precision.
J4	Estimated value and sample is less than value - No dilution produced a depletion of 2 mg/L of DO or greater, oxygen demand of sample was less than anticipated.
S	The surrogate recovery was outside the established laboratory recovery limit.
U	Non-detected compound.
RPD	Relative Percent Difference
%REC	Percent Recovery
Source	Sample that was matrix spiked or duplicated
*	A = Accredited, N = Not Accredited or Accreditation not available
DF	Dilution Factor - the factor applied to the reported data due to sample preparation, dilution, or moisture content
MDL	Method Detection Limit - The minimum concentration of a substance (or analyte) that can be measured and reported with 99% confidence that the analyte concentration is greater than zero. Based on standard deviation of replicate spiked samples take through all steps of the analytical procedure following 40 CFR Part 136 Appendix B.
SDL	Sample Detection Limit - The minimum concentration of a substance (analyte) that can be measured and reported with 99% confidence that the analyte concentration is greater than zero. The SDL is an adjusted limit thus sample specific and accounts for preparation weights and volumes, dilutions, and moisture content of soil/sediments. If there are no sample specific parameters, the MDL = SDL.
MRL	Method Reporting Limit - Analyte concentration that corresponds to the lowest level lab reports with confidence in accuracy of quantitation and without qualification (i.e. J-flagged). The MRL is at or above the lowest calibration standard.
LRL	Laboratory Reporting Limit - Analyte concentration that corresponds to the lowest level lab reports with confidence in accuracy of quantitation and without qualification (i.e. J-flagged). The LRL is an adjusted limit thus sample specific and accounts for preparation weights and volumes, dilutions, and moisture content of soil/sediments. If there are no sample specific parameters, the MRL = LRL.

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CHAIN OF CUSTODY RECORD

North Water District Laboratory Services
130 S. Trade Center Pkwy, Conroe Tx 77385
(936) 321-5060 - lab@nwdls.com
TCEQ TX-C24-00185

24L0025

Lab PM : Aundra Noe

Project Name : Beeville - Moore Street - Non Potable - Grab 1

Schedule Comments

Inframark
Patrick Bond
32259 Morton Road
Brookshire TX 77423
Phone (281) 505-0452

Project Comments 801 US Highway 181 N Beeville 78102
Jesse Garcia - 361-232-2412 Code 1950
SIGN LOG BOOK IN BUILDING

Sample ID	Collection Point	Date/Time Begin	Date/Time Sampled	Sample Type	Container	Analysis/Preservation		Field Results
24L0025-01	18 MOhm DI		12/4/2024 8:00	AQ Grab	A Glass 4oz Boston Round	LL Hg-1631	BrCl	
24L0025-02	Outfall 001		12/4/2024 8:00	AQ Grab	A Glass 4oz Boston Round	LL Hg-1631	BrCl	

Field Remarks:

Lab Preservation: (Circle and Write ID Below) H2SO4 HNO3 NaOH Other

Sampler (Signature) / Print Name / Affiliation	Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Date/Time
Rene Hemingway / Inframark	Rene Hemingway	12-4-24		12-4-24 1150
	Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Date/Time
	Relinquished To Lab By: (Signature)	12-4-24 1700	Received for Laboratory By: (Signature)	12-4-24 1700

Custody Seal Yes / No | COC Labels Agree Yes / No | Appropriate Volume Yes / No | Received on Ice Yes / No | Temperature °C
Container Intact Yes / No | Appropriate Containers Yes / No | Coolers Intact Yes / No | Samples Accepted Yes / No | Thermometer ID

Monthly Kits

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(936) 321-6060 - lab@nwdls.com

TCEQ TX-C24-00185

24L0026

b PM : Aundra Noe	Project Name : Beeville - Moore Street - Non Potable - Grab 2	Schedule Comments
ramark rick Bond 259 Morton Road ookshire, TX 77423 ~~one: (281) 505-0452~~	Project Comments: 801 US Highway 181 N Beeville 78102 Jesse Garcia - 361-232-2412 Code 1950 SIGN LOG BOOK IN BUILDING	

mple ID	Collection Point	Date/Time Begin	Date/Time Sampled	Sample Type	Container	Analysis/Preservation		Field Results
0026-01	18 MOhm DI		12/4/2024 1100	AQ Grab	A Glass 4oz Boston Round	LL Hg-1631	BrCl	
0026-02	Outfall 001		12/4/2024 1100	AQ Grab	A Glass 4oz Boston Round	LL Hg-1631	BrCl	

Remarks:		Lab Preservation: (Circle and Write ID Below) H2SO4 HNO3 NaOH Other		
ler (Signature)	Relinquished By: (Signature) Rene Dominguez	Date/Time 12-4-24	Received By: (Signature)	Date/Time 12-4-24 1100
Name	Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Date/Time
son Framark	Relinquished To Lab By: (Signature)	Date/Time 12-4-24 1700	Received for Laboratory By: (Signature) WMC	Date/Time 1700 12.4.24

dy Seal: Yes / No COC Labels Agree: Yes / No Appropriate Volume: Yes / No Received on Ice: Yes / No Temperature: °C

iner Intact: Yes / No Appropriate Containers: Yes / No Coolers Intact: Yes / No Samples Accepted: Yes / No Thermometer ID:

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North Water District Laboratory Services
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TCEQ TX-C24-00185

24L0027

Lab PM : Aundra Noe	Project Name : Beeville - Moore Street - Non Potable - Grab 3	Schedule Comment
Inframark Patrick Bond 32259 Morton Road Brookshire, TX 77423 Phone: (281) 505-0452	**Project Comments:** 901 US Highway 181 N Beeville 78102 Jesse Garcia - 361-232-2412 Code 1950 SIGN LOG BOOK IN BUILDING	

Sample ID	Collection Point	Date/Time Begin	Date/Time Sampled	Sample Type	Container	Analysis/Preservation		Field Results
24L0027-01	18 MOhm DI		12/4/2024 2:00	AQ Grab	A Glass 4oz Boston Round	LL Hg-1631	BrCl	
24L0027-02	Outfall 001		12/4/2024 2:00	AQ Grab	A Glass 4oz Boston Round	LL Hg-1631	BrCl	

Field Remarks:		Lab Preservation: (Circle and Write ID Below) H2SO4 HNO3 NaOH Other		
Sampler (Signature) Rene Dominguez	Relinquished By: (Signature) Rene Dominguez	Date/Time 12-5-24	Received By: (Signature)	Date/Time 12-5-24/07
Print Name	Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Date/Time
Affiliation Inframark	Relinquished To Lab By: (Signature)	Date/Time 12-5-24/1500	Received for Laboratory By: (Signature)	Date/Time 1500 12-05-24

Custody Seal: Yes / No | COC Labels Agree: Yes / No | Appropriate Volume: Yes / No | Received on Ice: Yes / No | Temperature °C
Container Intact: Yes / No | Appropriate Containers: Yes / No | Coolers Intact: Yes / No | Samples Accepted: Yes / No | Thermometer ID

Monthly Kits

wko_NWDLS_COC_LS Revision 4.1 Effective: 2/17/20

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North Water District Laboratory Services
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TCEQ TX-C24-00185

24L0028

b PM : Aundra Noe	**Project Name** : Beeville - Moore Street - Non Potable - Grab 1	**Schedule Comments**
ramark trick Bond 259 Morton Road ookshire, TX 77423 one: (281) 505-0452	**Project Comments**: 801 US Highway 181 N Beeville 78102 Jesse Garcia - 361-232-2412 Code 1950 SIGN LOG BOOK IN BUILDING	DIE FCA 12-12-24 - JL 12-12-24

mple ID	Collection Point	Date/Time Begin	Date/Time Sampled	Sample Type	Container	Analysis/Preservation		Field Results
0028-01	18 MOhm DI		12/11/2024 8:00	AQ Grab	A Glass 4oz Boston Round	LL Hg-1631	BrCl	
0028-02	Outfall 001		12/11/2024 8:00	AQ Grab	A Glass 4oz Boston Round	LL Hg-1631	BrCl	

Remarks:			Lab Preservation: (Circle and Write ID Below)	H2SO4 HNO3 NaOH	Other
ler (Signature) neDominguez	Relinquished By: (Signature) Rene Dominguez	Date/Time 12-12-24	Received By: (Signature)		Date/Time 12-11-24/0810
Name	Relinquished By: (Signature)	Date/Time	Received By: (Signature)		Date/Time
ion framark	Relinquished To Lab By: (Signature)	Date/Time 12/11/1130	Received for Laboratory By: (Signature)		Date/Time 12/30 12/12/24

ody Seal:	Yes / No	COC Labels Agree:	Yes / No	Appropriate Volume:	Yes / No	Received on Ice:	Yes / No	Temperature:	°C
iner Intact:	Yes / No	Appropriate Containers:	Yes / No	Coolers Intact:	Yes / No	Samples Accepted:	Yes / No	Thermometer ID:	

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North Water District Laboratory Services
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TCEQ TX-C24-00185

24L0029

Lab PM : Aundra Noe	**Project Name** : Beeville - Moore Street - Non Potable - Grab 2	Schedule Comments
Inframark Patrick Bond 32259 Morton Road Brookshire, TX 77423 Phone: (281) 505-0452	**Project Comments**: 801 US Highway 181 N Beeville 78102 Jesse Garcia - 361-232-2412 Code 1950 SIGN LOG BOOK IN BUILDING	

Sample ID	Collection Point	Date/Time Begin	Date/Time Sampled	Sample Type	Container	Analysis/Preservation		Field Results
24L0029-01	18 MOhm DI		12/11/2024 11:00	AQ Grab	A Glass 4oz Boston Round	LL Hg-1631	BrCl	
24L0029-02	Outfall 001		12/11/2024 11:05	AQ Grab	A Glass 4oz Boston Round	LL Hg-1631	BrCl	

Field Remarks:

Lab Preservation: (Circle and Write ID Below) H2SO4 HNO3 NaOH Other

Sampler (Signature): Rene Dominguez	Relinquished By: (Signature) Rene Dominguez	Date/Time 12.12.24	Received By: (Signature)	Date/Time 12-12-24/0
Print Name	Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Date/Time
Affiliation: Inframark	Relinquished To Lab By: (Signature)	Date/Time 12-12-24/1630	Received for Laboratory By: (Signature)	Date/Time 1230 12.12.24

Custody Seal: Yes / No | COC Labels Agree: Yes / No | Appropriate Volume: Yes / No | Received on Ice: Yes / No | Temperature °C

Container Intact: Yes / No | Appropriate Containers: Yes / No | Coolers Intact: Yes / No | Samples Accepted: Yes / No | Thermometer ID

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24L0030

b PM : Aundra Noe	**Project Name** : Beeville - Moore Street - Non Potable - Grab 3	**Schedule Comments**
ramark trick Bond 259 Morton Road ookshire, TX 77423 one: (281) 505-0452	**Project Comments**: 801 US Highway 181 N Beeville 78102 Jesse Garcia - 361-232-2412 Code 1950 SIGN LOG BOOK IN BUILDING	

mple ID	Collection Point	Date/Time Begin	Date/Time Sampled	Sample Type	Container	Analysis/Preservation		Field Results
0030-01	18 MOhm DI		12/11/2024 2:00	AQ Grab	A Glass 4oz Boston Round	LL Hg-1631	BrCl	
0030-02	Outfall 001		12/11/2024 2:00	AQ Grab	A Glass 4oz Boston Round	LL Hg-1631	BrCl	

Remarks:		**Lab Preservation:** (Circle and Write ID Below) H2SO4 HNO3 NaOH Other:		
ler (Signature)	Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Date/Time
Name	Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Date/Time
tion	Relinquished To Lab By: (Signature)	Date/Time	Received for Laboratory By: (Signature)	Date/Time
fremark		12-12-24/1630	mA	12.12.24 1230

dy Seal: Yes / No COC Labels Agree: Yes / No Appropriate Volume: Yes / No Received on Ice: Yes / No Temperature: °C
iner Intact: Yes / No Appropriate Containers: Yes / No Coolers Intact: Yes / No Samples Accepted: Yes / No Thermometer ID:

thly Kits

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TCEQ TX-C24-00165

Page 1 of 1

24L0545

Lab PM : Aundra Noe	Project Name : Beeville - Moore Street - Non Potable - Grab 1	Schedule Comments
Inframark Patrick Bond 32259 Morton Road Brookshire, TX 77423 Phone: (281) 505-0452	Project Comments: 801 US Highway 181 N Beeville 78102 Jesse Garcia - 361-232-2412 Code 1950 SIGN LOG BOOK IN BUILDING	

Sample ID	Collection Point	Date/Time Begin	Date/Time Sampled	Sample Type	Container	Analysis/Preservation		Field Results
24L0545-01	18 MOhm DI		12/18/2024 8:00	AQ Grab	A Glass 4oz Boston Round	LL Hg-1631	BrCl	
24L0545-02	Outfall 001		12/18/2024 8:00	AQ Grab	A Glass 4oz Boston Round	LL Hg-1631	BrCl	

Field Remarks:

Lab Preservation: (Circle and Write ID Below) H2SO4 HNO3 NaOH Other

Sampler (Signature)	Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Date/Time
Rene Dominguez	Rene Dominguez	12-19-24		12-19-24 1605
Print Name	Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Date/Time
Affiliation: Inframark	Relinquished To Lab By: (Signature)	Date/Time 12-19-24 1605	Received for Laboratory By: (Signature)	Date/Time 12/19/24 1605

Custody Seal: Yes / No COC Labels Agree: Yes / No Appropriate Volume: Yes / No Received on Ice: Yes / No Temperature: °C

Container Intact.: Yes / No Appropriate Containers: Yes / No Coolers Intact: Yes / No Samples Accepted: Yes / No Thermometer ID:

Monthly Kits

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24L0546

b PM : Aundra Noe	**Project Name** : Beeville - Moore Street - Non Potable - Grab 2	**Schedule Comments**
ramark trick Bond 259 Morton Road ookshire, TX 77423 one: (281) 505-0452	**Project Comments**: 601 US Highway 181 N Beeville 78102 Jesse Garcia - 361-232-2412 Code 1950 SIGN LOG BOOK IN BUILDING	

mple ID	Collection Point	Date/Time Begin	Date/Time Sampled	Sample Type	Container	Analysis/Preservation		Field Results
0546-01	18 MOhm DI		12/18/2024 11:00	AQ Grab	A Glass 4oz Boston Round	LL Hg-1631	BrCl	
0546-02	Outfall 001		12/18/2024 11:00	AQ Grab	A Glass 4oz Boston Round	LL Hg-1631	BrCl	

Remarks:		Lab Preservation: (Circle and Write ID Below)	H2SO4 HNO3 NaOH	Other
ker (Signature)	Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Date/Time
Name	Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Date/Time
ion Framark	Relinquished To Lab By: (Signature)	Date/Time 12-19-24/605	Received for Laboratory By: (Signature)	Date/Time

ody Seal: Yes / No COC Labels Agree: Yes / No Appropriate Volume: Yes / No Received on Ice: Yes / No Temperature: °C

ainer Intact: Yes / No Appropriate Containers: Yes / No Coolers Intact: Yes / No Samples Accepted: Yes / No Thermometer ID:

nthly Kits

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TCEQ TX-C24-00185

24L0547

Lab PM : Aundra Noe	Project Name : Beeville - Moore Street - Non Potable - Grab 3	Schedule Comments
Inframark Patrick Bond 32259 Morton Road Brookshire, TX 77423 Phone: (281) 505-0452	Project Comments: 801 US Highway 181 N Beeville 78102 Jesse Garcia - 361-232-2412 Code 1950 SIGN LOG BOOK IN BUILDING	

Sample ID	Collection Point	Date/Time Begin	Date/Time Sampled	Sample Type	Container	Analysis/Preservation		Field Results
24L0547-01	18 MOhm DI		12/18/2024 2:00	AQ Grab	A Glass 4oz Boston Round	LL Hg-1631	BrCl	
24L0547-02	Outfall 001		12/18/2024 2:00	AQ Grab	A Glass 4oz Boston Round	LL Hg-1631	BrCl	

Field Remarks:

Lab Preservation: (Circle and Write ID Below) H2SO4 HNO3 NaOH Other:

Sampler (Signature)	Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Date/Time
Rene Demingley	Rene Demingley	12-19-24		12-19-24 0
Print Name	Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Date/Time
Affiliation: Inframark	Relinquished To Lab By: (Signature)	Date/Time 12-19-24 1605	Received for Laboratory By: (Signature)	Date/Time 12/19/24 1605

Custody Seal : Yes / No | COC Labels Agree Yes / No | Appropriate Volume: Yes / No | Received on Ice Yes / No | Temperature: °C

Container Intact : Yes / No | Appropriate Containers Yes / No | Coolers Intact Yes / No | Samples Accepted Yes / No | Thermometer ID:

Monthly Kits

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130 S. Trade Center Pkwy, Conroe Tx 77385
(936) 321-6060 - lab@nwdls.com
TCEQ TX-C24-00185

24L0548

b PM : Aundra Noe	**Project Name** : Beeville - Moore Street - Non Potable - Grab 1	**Schedule Comments**
ramark lrick Bond 259 Morton Road ookshire, TX 77423 one: (281) 505-0452	**Project Comments**: 801 US Highway 181 N Beeville 78102 Jesse Garcia - 361-232-2412 Code 1950 SIGN LOG BOOK IN BUILDING	

mple ID	Collection Point	Date/Time Begin	Date/Time Sampled	Sample Type	Container	Analysis/Preservation		Field Results
0548-01	18 MOhm DI	12-25-24 8:00	12/25/2024	AQ Grab	A Glass 4oz Boston Round	LL Hg-1631	BrCl	
0548-02	Outfall 001	12-25-24 8:00	12/25/2024	AQ Grab	A Glass 4oz Boston Round	LL Hg-1631	BrCl	

Remarks:		Lab Preservation: (Circle and Write ID Below) H2SO4 HNO3 NaOH Other		
ler (Signature) Robert Soliz	Relinquished By: (Signature) Robert Soliz	Date/Time	Received By: (Signature)	Date/Time 12-26-24 1075
Name Robert Soliz	Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Date/Time
tion Inframark	Relinquished To Lab By: (Signature)	Date/Time 12-26-24 1210	Received for Laboratory By: (Signature) KMC	Date/Time 12-26-24 1210

dy Seal : Yes / No COC Labels Agree: Yes / No Appropriate Volume: Yes / No Received on Ice: Yes / No Temperature: °C

iner Intact : Yes / No Appropriate Containers: Yes / No Coolers Intact: Yes / No Samples Accepted: Yes / No Thermometer ID:

thly Kits

NWDLS

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24L0549

Lab PM : Aundra Noe	**Project Name** : Beeville - Moore Street - Non Potable - Grab 2	Schedule Comments
Inframark Patrick Bond 32259 Morton Road Brookshire, TX 77423 Phone (281) 505-0452	**Project Comments**: 801 US Highway 181 N Beeville 78102 Jesse Garcia - 361-232-2412 Code 1950 SIGN LOG BOOK IN BUILDING	

Sample ID	Collection Point	Date/Time Begin	Date/Time Sampled	Sample Type	Container	Analysis/Preservation		Field Results
24L0549-01	18 MOhm DI	12-25-24 9:00	12/25/2024	AQ Grab	A Glass 4oz Boston Round	LL Hg-1631	BrCl	
24L0549-02	Outfall 001	12-25-24 9:00	12/25/2024	AQ Grab	A Glass 4oz Boston Round	LL Hg-1631	BrCl	

Field Remarks:

Lab Preservation: (Circle and Write ID Below) H_2SO_4 HNO_3 NaOH Other:

Sampler (Signature): Robert Solis	Relinquished By: (Signature) Robert Solis	Date/Time	Received By: (Signature)	Date/Time 12-26-24 1015
Print Name: Robert Solis	Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Date/Time
Affiliation: Inframark	Relinquished To Lab By: (Signature)	Date/Time 12-26-24/1210	Received for Laboratory By: (Signature) KMC	Date/Time 12-26-24 1210

Custody Seal: Yes / No COC Labels Agree: Yes / No Appropriate Volume: Yes / No Received on Ice: Yes / No Temperature: °C

Container Intact: Yes / No Appropriate Containers: Yes / No Coolers Intact: Yes / No Samples Accepted: Yes / No Thermometer ID:

Monthly Kits

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24L0550

b PM : Aundra Noe	**Project Name** : Beeville - Moore Street - Non Potable - Grab 3	**Schedule Comments**
ramark trick Bond 259 Morton Road ookshire, TX 77423 one: (281) 505-0452	**Project Comments**: 801 US Highway 181 N Beeville 78102 Jesse Garcia - 361-232-2412 Code 1950 SIGN LOG BOOK IN BUILDING	

mple ID	Collection Point	Date/Time Begin	Date/Time Sampled	Sample Type	Container	Analysis/Preservation		Field Results
0550-01	18 MOhm DI	12-25-24 10:00	12/25/2024	AQ Grab	A Glass 4oz Boston Round	LL Hg-1631	BrCl	
0550-02	Outfall 001	12-25-24 10:00	12/25/2024	AQ Grab	A Glass 4oz Boston Round	LL Hg-1631	BrCl	

l Remarks:		Lab Preservation: (Circle and Write ID Below)	H2SO4 HNO3 NaOH	Other	
ler (Signature)	Relinquished By: (Signature)	Date/Time	Received By: (Signature)		Date/Time 12-26-24 0750
Name: Robert Soliz	Relinquished By: (Signature)	Date/Time	Received By: (Signature)		Date/Time
tion	Relinquished To Lab By: (Signature)	Date/Time 12-26-24/1010	Received for Laboratory By: (Signature)		Date/Time 12-26-24 1210

ody Seal: Yes / No COC Labels Agree: Yes / No Appropriate Volume: Yes / No Received on Ice: Yes / No Temperature: °C

ainer Intact: Yes / No Appropriate Containers: Yes / No Coolers Intact: Yes / No Samples Accepted: Yes / No Thermometer ID:

nthly Kits

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24L1104

Lab PM : Aundra Noe	Project Name : Beeville - Moore Street - Non Potable - Bi Weekly	Schedule Comments
Inframark Patrick Bond 32259 Morton Road Brookshire, TX 77423 Phone: (281) 505-0452	Project Comments: 801 US Highway 181 N Beeville 78102 Jesse Garcia - 361-232-2412 Code 1950 SIGN LOG BOOK IN BUILDING	

Sample ID	Collection Point	Date/Time Begin	Date/Time Sampled	Sample Type	Container	Analysis/Preservation		Field Results
24L1104-01	Outfall 001		12/3/2024	AQ Grab				
24L1104-02	Outfall 001 Sampler		12/3/2024	AQ 24HR Comp	A HDPE 1L B HDPE 250mL H2SO4 C HDPE 250mL D HDPE 250mL E HDPE 1L	CBOD-5210 NH3-N SEAL-350.1 Sulfate IC 300.0 TDS-2540 TSS-2540	4°C H2SO4 4°C 4°C 4°C 4°C	
24L1104-03	Influent		12/3/2024 / 0730	AQ Grab	A HDPE 250mL B HDPE 250mL H2SO4 C HDPE 250mL	RBOD-5210 RNH3-N SEAL-350.1 RTSS-2540	4°C H2SO4 4°C 4°C	

Field Remarks: Spoke w/ Jesse & scheduled w/ Becca. Sample did not run, start up for 1st run

Lab Preservation: (Circle and Write ID Below) H2SO4 HNO3 NaOH Other:

Sampler (Signature) [signature]	Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Date/Time
Print Name George Whalen	Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Date/Time
Affiliation NWDLS	Relinquished To Lab By: (Signature) [signature]	Date/Time 1627 120324	Received for Laboratory By: (Signature) KMC	Date/Time 1627 12.3.24

Custody Seal: Yes / No | COC Labels Agree: Yes / No | Appropriate Volume: Yes / No | Received on Ice: Yes / No | Temperature: °C

Container Intact: Yes / No | Appropriate Containers: Yes / No | Coolers Intact: Yes / No | Samples Accepted: Yes / No | Thermometer ID:

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24L1506

b PM : Aundra Noe	**Project Name** : City of Beeville - Moore Street - NP- Outfall Only	Schedule Comments
ramark trick Bond 259 Morton Road ookshire, TX 77423 one: (281) 505-0452	**Project Comments** 801 US Highway 181 N Beeville 78102 Jesse Garcia - 361-232-2412 Code 1950 SIGN LOG BOOK IN BUILDING	

mple ID	Collection Point	Date/Time Begin	Date/Time Sampled	Sample Type	Container	Analysis/Preservation		Field Results
1506-01	Outfall 001		12/4/2024 1150	AQ Grab				
1506-02	Outfall 001 Sampler	12/3/24 800 12/4/24 800	12/4/2024	AQ 24HR Comp	A HDPE 1L B HDPE 250mL H2SO4 C HDPE 250mL D Glass 250mL E HDPE 1L	BOD-5210 4°C NH3-N SEAL-350 1 H2SO4 4°C Sulfate IC 300 0 4°C TS-2540 G 4°C TSS-2540 4°C		

Remarks:		Lab Preservation: (Circle and Write ID Below) H2SO4 HNO3 NaOH Other:		
ler (Signature)	Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Date/Time
Name Dark Henry	Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Date/Time
tion	Relinquished To Lab By: (Signature)	Date/Time 12.4.24 1705	Received for Laboratory By: (Signature) KMC	Date/Time 12.4.24 1705

dy Seal: Yes / No COC Labels Agree: Yes / No Appropriate Volume: Yes / No Received on Ice: Yes / No Temperature: °C
ner Intact: Yes / No Appropriate Containers: Yes / No Coolers Intact: Yes / No Samples Accepted: Yes / No Thermometer ID:

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24L1763

Lab PM : Aundra Noe	**Project Name** : Beeville - Moore Street - Non Potable - Bi Weekly	Schedule Comments
Inframark Patrick Bond 12259 Morton Road Brookshire, TX 77423 Phone: (281) 505-0452	**Project Comments**: 801 US Highway 181 N Beeville 78102 Jesse Garcia - 361-232-2412 Code 1950 SIGN LOG BOOK IN BUILDING	

Sample ID	Collection Point	Date/Time Begin	Date/Time Sampled	Sample Type	Container	Analysis/Preservation		Field Results
24L1763-01	Outfall 001		12/5/2024 / 0745	AQ Grab				
24L1763-02	Outfall 001 Sampler	12-4-24 / 0500	12/5/2024 / 0500	AQ 24HR Comp	A HDPE 1L B HDPE 250mL H2SO4 C HDPE 250mL D HDPE 250mL E HDPE 1L	CBOD-5210 NH3-N SEAL-350.1 Sulfate IC 300.0 TDS-2540 TSS-2540	4°C H2SO4 4°C 4°C 4°C 4°C	
24L1763-03	Influent		12/5/2024 / 0745	AQ Grab	A HDPE 250mL B HDPE 250mL H2SO4 C HDPE 250mL	RBOD-5210 RNH3-N SEAL-350.1 RTSS-2540	4°C H2SO4 4°C 4°C	

Field Remarks:

Lab Preservation: H2SO4 HNO3 NaOH Other
(Circle and Write ID Below)

Sampler (Signature)	Relinquished By (Signature)	Date/Time	Received By (Signature)	Date/Time	
Print Name: Fernando Chavez	Relinquished By (Signature)	Date/Time	Received By (Signature)	Date/Time	
Affiliation: NWDLS	Relinquished To Lab By (Signature)	Date/Time 12-5-24/1500	Received for Laboratory By (Signature)	Date/Time 1500 12.05.24	

Custody Seal: Yes / No COC Labels Agree: Yes / No Appropriate Volume: Yes / No Received on Ice: Yes / No Temperature: °C

Container Intact: Yes / No Appropriate Containers: Yes / No Coolers Intact: Yes / No Samples Accepted: Yes / No Thermometer ID:

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24L1764

PM : Aundra Noe	Project Name : Beeville - Moore Street - Non Potable - Weekly	Schedule Comments
ımark ick Bond 59 Morton Road ıkshire, TX 77423 ne: (281) 505-0452	**Project Comments:** 801 US Highway 181 N Beeville 78102 Jesse Garcia - 361-232-2412 Code 1950 SIGN LOG BOOK IN BUILDING	

ıple ID	Collection Point	Date/Time Begin	Date/Time Sampled	Sample Type	Container	Analysis/Preservation		Field Results
764-01	Outfall 001	~~A HDPE S250mL Na2S2O3~~	12/5/2024 0745	AQ Grab	A HDPE S250mL Na2S2O3	TC EC-9223	Na2S2O3 <10°C	
764-02	Outfall 001 Sampler	12-4-24/0500	12/5/2024 0500	AQ 24HR Comp	A Amber Glass 1L w/ Teflon-lined Lid B Amber Glass 1L w/ Teflon-lined Lid C Amber Glass 1L w/ Teflon-lined Lid D Amber Glass 1L w/ Teflon-lined Lid	OPP-1657	4°C	

Remarks:

Lab Preservation: H2SO4 HNO3 NaOH Other
(Circle and Write ID Below)

er (Signature)	Relinquished By (Signature)	Date/Time	Received By (Signature)		Date/Time
ame Fernando Chavez	Relinquished By (Signature)	Date/Time	Received By (Signature)		Date/Time
on NWDLS	Relinquished To Lab By (Signature)	Date/Time 12-5-24/1500	Received for Laboratory By (Signature)		Date/Time 1500 12-05-24

ly Seal Yes / No | COC Labels Agree. Yes / No | Appropriate Volume Yes / No | Received on Ice Yes / No | Temperature °C
ner Intact Yes / No | Appropriate Containers Yes / No | Coolers Intact Yes / No | Samples Accepted Yes / No | Thermometer ID

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24L2236

Lab PM : Aundra Noe	Project Name : Beeville - Moore Street - Non Potable - Bi Weekly	Schedule Comments
Inframark Patrick Bond 32259 Morton Road Brookshire, TX 77423 Phone: (281) 505-0452	Project Comments: 801 US Highway 181 N Beeville 78102 Jesse Garcia - 361-232-2412 Code 1950 SIGN LOG BOOK IN BUILDING	

Sample ID	Collection Point	Date/Time Begin	Date/Time Sampled	Sample Type	Container	Analysis/Preservation		Field Results
24L2236-01	Outfall 001		12/10/2024/0725	AQ Grab				
24L2236-02	Outfall 001 Sampler	12/09/24/0600	12/10/2024/0600	AQ 24HR Comp	A HDPE 1L B HDPE 250mL H2SO4 C HDPE 250mL D HDPE 250mL E HDPE 1L	CBOD-5210 NH3-N SEAL-350.1 Sulfate IC 300.0 TDS-2540 TSS-2540	4°C H2SO4 4°C 4°C 4°C 4°C	
24L2236-03	Influent		12/10/2024/0725	AQ Grab	A HDPE 250mL B HDPE 250mL H2SO4 C HDPE 250mL	RBOD-5210 RNH3-N SEAL-350.1 RTSS-2540	4°C H2SO4 4°C 4°C	

Field Remarks:		Lab Preservation: (Circle and Write ID Below) H2SO4	HNO3	NaOH	Other:
Sampler (Signature)	Relinquished By (Signature)	Date/Time	Received By (Signature)		Date/Time
Print Name: George Whalen	Relinquished By (Signature)	Date/Time	Received By (Signature)		Date/Time
Affiliation: NWDLS	Relinquished To Lab By (Signature)	Date/Time 1515 12/10/24	Received for Laboratory By (Signature)	AJK	Date/Time 12/10/24/1515

Custody Seal: Yes / No | COC Labels Agree: Yes / No | Appropriate Volume: Yes / No | Received on Ice: Yes / No | Temperature: °C

Container Intact: Yes / No | Appropriate Containers: Yes / No | Coolers Intact: Yes / No | Samples Accepted: Yes / No | Thermometer ID:

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24L2585

b PM : Aundra Noe	Project Name : Beeville - Moore Street - Non Potable - Bi Weekly	Schedule Comments
ramark lrick Bond 259 Morton Road ookshire, TX 77423 one: (281) 505-0452	Project Comments: 801 US Highway 181 N Beeville 78102 Jesse Garcia - 361-232-2412 Code 1950 SIGN LOG BOOK IN BUILDING	

mple ID	Collection Point	Date/Time Begin	Date/Time Sampled	Sample Type	Container	Analysis/Preservation		Field Results
2585-01	Outfall 001		12/12/2024/0810	AQ Grab				
2585-02	Outfall 001 Sampler	12-11-24/0500	12/12/2024/0500	AQ 24HR Comp	A HDPE 1L B HDPE 250mL H2SO4 C HDPE 250mL D HDPE 250mL E HDPE 1L	CBOD-5210 NH3-N SEAL-350.1 Sulfate IC 300.0 TDS-2540 TSS-2540	4°C H2SO4 4°C 4°C 4°C 4°C	
2585-03	Influent		12/12/2024/0810	AQ Grab	A HDPE 250mL B HDPE 250mL H2SO4 C HDPE 250mL	RBOD-5210 RNH3-N SEAL-350.1 RTSS-2540	4°C H2SO4 4°C 4°C	

Remarks:		Lab Preservation: H2SO4 HNO3 NaOH Other: (Circle and Write ID Below)		
ler (Signature)	Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Date/Time
Name: Fernando Chavez	Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Date/Time
ion: MWDLS	Relinquished To Lab By: (Signature)	Date/Time 12-12-24/1330	Received for Laboratory By: (Signature) AMH	Date/Time 12-13-24/1230

dy Seal: Yes / No COC Labels Agree: Yes / No Appropriate Volume: Yes / No Received on Ice: Yes / No Temperature: °C
iner Intact: Yes / No Appropriate Containers: Yes / No Coolers Intact: Yes / No Samples Accepted: Yes / No Thermometer ID:

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24L2586

Lab PM : Aundra Noe

Project Name : Beeville - Moore Street - Non Potable - Weekly

Schedule Comments

Inframark
Patrick Bond
32259 Morton Road
Brookshire, TX 77423
Phone (281) 505-0452

Project Comments: 801 US Highway 181 N Beeville 78102
Jesse Garcia - 361-232-2412 Code 1950
SIGN LOG BOOK IN BUILDING

Sample ID	Collection Point	Date/Time Begin	Date/Time Sampled	Sample Type	Container	Analysis/Preservation		Field Results
24L2586-01	Outfall 001		12/12/2024 0810	AQ Grab	A HDPE 8250mL Na2S2O3	TC EC-9223	Na2S2O3 <10°C	
24L2586-02	Outfall 001 Sample	12-11-24/0500	12/12/2024 0500	AQ 24HR Comp	A Amber Glass 1L w/ Teflon-lined Lid B Amber Glass 1L w/ Teflon-lined Lid C Amber Glass 1L w/ Teflon-lined Lid D Amber Glass 1L w/ Teflon-lined Lid	OPP-1657	4°C	

Field Remarks:

Lab Preservation: H2SO4 HNO3 NaOH Other
(Circle and Write ID Below)

Sampler (Signature)	Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Date/Time
Print Name: Fernando Moore	Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Date/Time
Affiliation: NWDLS	Relinquished To Lab By: (Signature)	Date/Time 12-12-24/1130	Received for Laboratory By: (Signature) AMH	Date/Time 1230 12.12.24

Custody Seal: Yes / No — COC Labels Agree: Yes / No — Appropriate Volume: Yes / No — Received on Ice: Yes / No — Temperature: °C

Container Intact: Yes / No — Appropriate Containers: Yes / No — Coolers Intact: Yes / No — Samples Accepted: Yes / No — Thermometer ID:

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24L3102

PM : Aundra Nae	**Project Name** : Beeville - Moore Street - Non Potable - Bi Weekly	**Schedule Comments**
amark rick Bond 59 Morton Road okshire, TX 77423 ne: (281) 505-0452	**Project Comments**: 801 US Highway 181 N Beeville 78102 Jesse Garcia - 361-232-2412 Code 1950 SIGN LOG BOOK IN BUILDING	

nple ID	Collection Point	Date/Time Begin	Date/Time Sampled	Sample Type	Container	Analysis/Preservation		Field Results
102-01	Outfall 001		12/17/2024/0810	AQ Grab				
102-02	Outfall 001 Sampler	12-16-24/1600	12/17/2024/0800	AQ 24HR Comp	A HDPE 1L B HDPE 250mL H2SO4 C HDPE 250mL D HDPE 250mL E HDPE 1L	CBOD-5210 NH3-N SEAL-350.1 Sulfate IC 300.0 TDS-2540 TSS-2540	4°C H2SO4 4°C 4°C 4°C 4°C	
102-03	Influent		12/17/2024/0815	AQ Grab	A HDPE 250mL B HDPE 250mL H2SO4 C HDPE 250mL	RBOD-5210 RNH3-N SEAL-350.1 RTSS-2540	4°C H2SO4 4°C 4°C	

Remarks:		Lab Preservation: H2SO4 HNO3 NaOH Other (Circle and Write ID Below)		
er (Signature)	Relinquished By (Signature)	Date/Time	Received By (Signature)	Date/Time
me Andrew Rodriguez	Relinquished By (Signature)	Date/Time	Received By (Signature)	Date/Time
on NWDLS	Relinquished To Lab By (Signature)	Date/Time 12-17-24/1625	Received for Laboratory By (Signature)	Date/Time 12-17-24/1625

y Seal: Yes / No COC Labels Agree: Yes / No Appropriate Volume: Yes / No Received on Ice: Yes / No Temperature: °C
ner Intact: Yes / No Appropriate Containers: Yes / No Coolers Intact: Yes / No Samples Accepted: Yes / No Thermometer ID:

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24L3529

Lab PM : Aundra Noe	**Project Name** : Beeville - Moore Street - Monthly Kit Delivery	Schedule Comments
Inframark Patrick Bond 32259 Morton Road Brookshire, TX 77423 Phone: (281) 505-0452	**Project Comments**: 801 US Highway 181 N Beeville 78102 Jesse Garcia - 361-232-2412 Code 1950 SIGN LOG BOOK IN BUILDING *****always check the WWTP fridge for bactis	moved to monday

Sample ID	Collection Point	Date/Time Begin	Date/Time Sampled	Sample Type	Container	Analysis/Preservation	Field Results
24L3529-01	Outfall 001		12/19/2024 0805	AQ Grab			

Field Remarks:		Lab Preservation (Circle and Write ID Below)	H_2SO_4 HNO3 NaOH	Other
Sampler (Signature)	Relinquished By (Signature)	Date/Time	Received By (Signature)	Date/Time
Print Name: Fernando Chavez	Relinquished By (Signature)	Date/Time	Received By (Signature)	Date/Time
Affiliation: NWDLS	Relinquished To Lab By (Signature)	Date/Time 12-19-24 1006	Received for Laboratory By (Signature)	Date/Time 12/19/24 1006

Custody Seal	Yes / No	COC Labels Agree	Yes / No	Appropriate Volume	Yes / No	Received on Ice	Yes / No	Temperature	°C
Container Intact	Yes / No	Appropriate Containers	Yes / No	Coolers Intact	Yes / No	Samples Accepted	Yes / No	Thermometer ID	

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24L3530

PM : Aundra Noe	**Project Name** : Beeville - Moore Street - Non Potable - Bi Weekly	Schedule Comments
ımark ick Bond 59 Morton Road okshire, TX 77423 ne: (281) 505-0462	**Project Comments** 601 US Highway 181 N Beeville 78102 Jesse Garcia - 361-232-2412 Code 1950 SIGN LOG BOOK IN BUILDING	

ıple ID	Collection Point	Date/Time Begin	Date/Time Sampled	Sample Type	Container	Analysis/Preservation		Field Results
530-01	Outfall 001		12/19/2024 1080S	AQ Grab				
530-02	Outfall 001 Sampler	12-18-24	12/19/2024 1050O	AQ 24HR Comp	A HDPE 1L B HDPE 250mL H2SO4 C HDPE 250mL D HDPE 250mL E HDPE 1L	CBOD-5210 4°C NH3-N SEAL-350.1 H2SO4 4°C Sulfate IC 300.0 4°C TDS-2540 4°C TSS-2540 4°C		
530-03	Influent		12/19/2024 0805	AQ Grab	A HDPE 250mL B HDPE 250mL H2SO4 C HDPE 250mL	RBOD-5210 4°C RNH3-N SEAL-350.1 H2SO4 4°C RTSS-2540 4°C		

Remarks:		Lab Preservation: (Circle and Write ID Below) H_2SO_4 HNO3 NaOH Other:		
r (Signature)	Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Date/Time
ame: Fernando (Nano)	Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Date/Time
on	Relinquished To Lab By: (Signature)	Date/Time 12-19-24 1605	Received for Laboratory By: (Signature)	Date/Time 12/19/24 1605

y Seal: Yes / No COC Labels Agree: Yes / No Appropriate Volume: Yes / No Received on Ice: Yes / No Temperature: °C
ner Intact: Yes / No Appropriate Containers: Yes / No Coolers Intact: Yes / No Samples Accepted: Yes / No Thermometer ID:

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24L3531

Lab PM : Aundra Noe	Project Name : Beeville - Moore Street - Non Potable - Weekly	Schedule Comments
Inframark Patrick Bond 32259 Morton Road Brookshire, TX 77423 Phone. (281) 505-0452	Project Comments: 801 US Highway 181 N Beeville 78102 Jesse Garcia - 361-232-2412 Code 1550 SIGN LOG BOOK IN BUILDING	

Sample ID	Collection Point	Date/Time Begin	Date/Time Sampled	Sample Type	Container	Analysis/Preservation		Field Results
24L3531-01	Outfall 001		12/19/2024 1605	AQ Grab	A HDPE 5250mL Na2S2O3	TC EC-9223	Na2S2O3 <10°C	
24L3531-02	Outfall 001 Sampler	12-18-24/1500	12/19/2024 1500	AQ 24HR Comp	A Amber Glass 1L w/ Teflon-lined Lid B Amber Glass 1L w/ Teflon-lined Lid C Amber Glass 1L w/ Teflon-lined Lid D Amber Glass 1L w/ Teflon-lined Lid	OPP-1657	4°C	

Field Remarks:

Lab Preservation: (Circle and Write ID Below) H2SO4 HNO3 NaOH Other:

Sampler (Signature):	Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Date/Time
Print Name: Fernando Olvera	Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Date/Time
Affiliation: NWDLS	Relinquished To Lab By: (Signature)	Date/Time 12-19-24/1605	Received for Laboratory By: (Signature)	Date/Time 12/19/24/1605

Custody Seal: Yes / No — COC Labels Agree: Yes / No — Appropriate Volume: Yes / No — Received on Ice: Yes / No — Temperature: °C

Container Intact: Yes / No — Appropriate Containers: Yes / No — Coolers Intact: Yes / No — Samples Accepted: Yes / No — Thermometer ID:

Corpus Christi

wko_NWDLS_COC_LS Revision 4.1 Effective 2/17/202

CHAIN OF CUSTODY RECORD

North Water District Laboratory Services
130 S. Trade Center Pkwy, Conroe Tx 77385
(936) 321-6060 - lab@nwdls.com
TCEQ TX-C24-00185

24L3878

PM : Aundra Noe	**Project Name** : Beeville - Moore Street - Monthly Kit Delivery	**Schedule Comments**
amark rick Bond 59 Morton Road akshire, TX 77423 ne: (281) 505-0452	**Project Comments**: 801 US Highway 181 N Beeville 78102 Jesse Garcia - 361-232-2412 Code 1950 SIGN LOG BOOK IN BUILDING *****always check the WWTP fridge for bactis	

nple ID	Collection Point	Date/Time Begin	Date/Time Sampled	Sample Type	Container	Analysis/Preservation	Field Results
876-01	Outfall 001		12/23/2024 1020	AQ Grab			

Remarks:						Lab Preservation: (Circle and Write ID Below)	H2SO4	HNO3	NaOH	Other:
r (Signature)		Relinquished By: (Signature)		Date/Time		Received By: (Signature)				Date/Time
ame		Relinquished By: (Signature)		Date/Time		Received By: (Signature)				Date/Time
on		Relinquished To Lab By: (Signature)		Date/Time 1317 12.23.24		Received for Laboratory By: (Signature)				Date/Time 1317 12.23.24

y Seal:	Yes / No	COC Labels Agree:	Yes / No	Appropriate Volume:	Yes / No	Received on Ice:	Yes / No	Temperature		°C
er Intact:	Yes / No	Appropriate Containers:	Yes / No	Coolers Intact:	Yes / No	Samples Accepted:	Yes / No	Thermometer ID:		

NWDLS

CHAIN OF CUSTODY RECORD

North Water District Laboratory Services
130 S. Trade Center Pkwy, Conroe Tx 77385
(936) 321-6060 - lab@nwdls.com
TCEQ TX-C24-00185

24L3879

Lab PM : Aundra Noe	Project Name : Beeville - Moore Street - Non Potable - Bi Weekly	Schedule Comments
Inframark Patrick Bond 32259 Morton Road Brookshire, TX 77423 Phone: (281) 505-0452	Project Comments: 601 US Highway 181 N Beeville 78102 Jesse Garcia - 361-232-2412 Code 1950 SIGN LOG BOOK IN BUILDING	

Sample ID	Collection Point	Date/Time Begin	Date/Time Sampled	Sample Type	Container	Analysis/Preservation		Field Results
24L3879-01	Outfall 001		12/23/2024/0800	AQ Grab				
24L3879-02	Outfall 001 Sampler	12/22/24/0600	12/23/2024/0600	AQ 24HR Comp	A HDPE 1L B HDPE 250mL H2SO4 C HDPE 250mL D HDPE 250mL E HDPE 1L	CBOD-5210 NH3-N SEAL-350.1 Sulfate IC 300.0 TDS-2540 TSS-2540	4°C H2SO4 4°C 4°C 4°C 4°C	
24L3879-03	Influent		12/23/2024/0810	AQ Grab	A HDPE 250mL B HDPE 250mL H2SO4 C HDPE 250mL	RBOD-5210 RNH3-N SEAL-350.1 RTSS-2540	4°C H2SO4 4°C 4°C	

Field Remarks:		Lab Preservation: (Circle and Write ID Below) H2SO4 HNO3 NaOH Other		
Sampler (Signature)	Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Date/Time
Print Name: George Whalen	Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Date/Time
Affiliation: NWDLS	Relinquished To Lab By: (Signature)	Date/Time 1317 12/23/24	Received for Laboratory By: (Signature)	Date/Time 1317 12.23.24

Custody Seal: Yes / No — COC Labels Agree: Yes / No — Appropriate Volume: Yes / No — Received on Ice: Yes / No — Temperature: °C
Container Intact: Yes / No — Appropriate Containers: Yes / No — Coolers Intact: Yes / No — Samples Accepted: Yes / No — Thermometer ID:

Corpus Christi

NWDLS

CHAIN OF CUSTODY RECORD

North Water District Laboratory Services
130 S. Trade Center Pkwy, Conroe Tx 77385
(936) 321-6060 - lab@nwdls.com
TCEQ TX-C24-00185

Page 1 of 1

24L4193

b PM : Aundra Noe	**Project Name** : Beeville - Moore Street - Non Potable - Bi Weekly	Schedule Comments
amark rick Bond 259 Morton Road ookshire, TX 77423 one: (281) 505-0452	**Project Comments** 801 US Highway 181 N Beeville 78102 Jesse Garcia - 361-232-2412 Code 1950 SIGN LOG BOOK IN BUILDING	

nple ID	Collection Point	Date/Time Begin	Date/Time Sampled	Sample Type	Container	Analysis/Preservation		Field Results
1193-01	Outfall 001		12/26/2024 0750	AQ Grab				
1193-02	Outfall 001 Sampler	12-25-24/0600	12/26/2024/0600	AQ 24HR Comp	A HDPE 1L B HDPE 250mL H2SO4 C HDPE 250mL D HDPE 250mL E HDPE 1L	CBOD-5210 NH3-N SEAL-350.1 Sulfate IC 300.0 TDS-2540 TSS-2540	4°C H2SO4 4°C 4°C 4°C 4°C	
193-03	Influent		12/26/2024 0750	AQ Grab	A HDPE 250mL B HDPE 250mL H2SO4 C HDPE 250mL	RBOD-5210 RNH3-N SEAL-350.1 RTSS-2540	4°C H2SO4 4°C 4°C	

Remarks:

Lab Preservation: H2SO4 HNO3 NaOH Other: (Circle and Write ID Below)

er (Signature)	Relinquished By (Signature)	Date/Time	Received By (Signature)		Date/Time
ame Fernando Alcorta	Relinquished By (Signature)	Date/Time	Received By (Signature)		Date/Time
on NWDLS	Relinquished To Lab By (Signature)	Date/Time 12-26-24/1040	Received for Laboratory By (Signature)		Date/Time 1210 12-26-24

y Seal:	Yes / No	COC Labels Agree:	Yes / No	Appropriate Volume:	Yes / No	Received on Ice:	Yes / No	Temperature	°C
er Intact:	Yes / No	Appropriate Containers:	Yes / No	Coolers Intact:	Yes / No	Samples Accepted:	Yes / No	Thermometer ID	

us Christi

wsc_NWDLS_COC_LS Revision 4.1 Effective: 2/17/2022

NWDLS

CHAIN OF CUSTODY RECORD

North Water District Laboratory Services
130 S. Trade Center Pkwy, Conroe Tx 77385
(936) 321-6060 - lab@nwdls.com
TCEQ TX-G24-00185

24L4194

Lab PM : Aundra Noe

Project Name : Beeville - Moore Street - Non Potable - Weekly

Schedule Comments

Inframark
Patrick Bond
32259 Morton Road
Brookshire, TX 77423
Phone: (281) 505-0452

Project Comments: 801 US Highway 181 N Beeville 78102
Jesse Garcia - 361-232-2412 Code 1950
SIGN LOG BOOK IN BUILDING

Sample ID	Collection Point	Date/Time Begin	Date/Time Sampled	Sample Type	Container	Analysis/Preservation		Field Results
24L4194-01	Outfall 001		12/26/2024 0750	AQ Grab	A HDPE 250mL Na2S2O3	TC EC-9223	Na2S2O3 <10°C	
24L4194-02	Outfall 001 Sampler	12-25-24 / 0600	12/26/2024 0600	AQ 24HR Comp	A Amber Glass 1L w/ Teflon-lined Lid B Amber Glass 1L w/ Teflon-lined Lid C Amber Glass 1L w/ Teflon-lined Lid D Amber Glass 1L w/ Teflon-lined Lid	OPP-1657	4°C	

Field Remarks:

Lab Preservation: (Circle and Write ID Below) H2SO4 HNO3 NaOH Other

Sampler (Signature)	Relinquished By (Signature)	Date/Time	Received By (Signature)	Date/Time	
Print Name: Edward Chavez	Relinquished By (Signature)	Date/Time	Received By (Signature)	Date/Time	
Affiliation: NWDLS	Relinquished To Lab By (Signature)	Date/Time 12-26-24/1210	Received for Laboratory By (Signature) KMC	Date/Time 12-26-24 1210	

Custody Seal Yes / No | COC Labels Agree Yes / No | Appropriate Volume Yes / No | Received on Ice Yes / No | Temperature: °C

Container Intact Yes / No | Appropriate Containers Yes / No | Coolers Intact Yes / No | Samples Accepted Yes / No | Thermometer ID:

Corpus Christi

wkp_NWDLS_COC_LS Revision 4.1 Effective 2/17/20

NWDLS

CHAIN OF CUSTODY RECORD

North Water District Laboratory Services
130 S. Trade Center Pkwy, Conroe Tx 77385
(936) 321-6060 - lab@nwdls.com
TCEQ TX-C24-00165

24L4640

ab PM : Aundra Noe	**Project Name** : Beeville - Moore Street - Non Potable - Bi Weekly	**Schedule Comments**
framark atrick Bond 2259 Morton Road rookshire, TX 77423 hone: (281) 505-0452	**Project Comments** 801 US Highway 181 N Beeville 78102 Jesse Garcia - 361-232-2412 Code 1950 SIGN LOG BOOK IN BUILDING	

ample ID	Collection Point	Date/Time Begin	Date/Time Sampled	Sample Type	Container	Analysis/Preservation		Field Results
L4640-01	Outfall 001		12/31/2024 0825	AQ Grab				
L4640-02	Outfall 001 Sampler	12/30/24/0600	12/31/2024 0600	AQ 24HR Comp	A HDPE 1L B HDPE 250mL H2SO4 C HDPE 250mL D HDPE 250mL E HDPE 1L	CBOD-5210 4°C NH3-N SEAL-350.1 H2SO4 4°C Sulfate IC 300.0 4°C TDS-2540 4°C TSS-2540 4°C		
L4640-03	Influent		12/31/2024 0835	AQ Grab	A HDPE 250mL B HDPE 250mL H2SO4 C HDPE 250mL	RBOD-5210 4°C RNH3-N SEAL-350.1 H2SO4 4°C RTSS-2540 4°C		

d Remarks:		**Lab Preservation:** (Circle and Write ID Below) H2SO4 HNO3 NaOH Other			
npler (Signature)	Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Date/Time	
d Name George Whalen	Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Date/Time	
anization NWDLS	Relinquished To Lab By: (Signature)	Date/Time 1220 12/31/24	Received for Laboratory By: (Signature)	Date/Time 1220 12-31-24	

Body Seal: Yes / No COC Labels Agree: Yes / No Appropriate Volume: Yes / No Received on Ice: Yes / No Temperature: °C
Container Intact: Yes / No Appropriate Containers: Yes / No Coolers Intact: Yes / No Samples Accepted: Yes / No Thermometer ID:

rpus Christi

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 Beeville

Permit No. WQ00 10124002 EPA ID No. TX 0047007

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

801 HWY 181 Bypass, Beeville, Texas 78102 - ADJACENT TO POESTA CREEK EAST OF US HIGHWAY 181 BYPASS NORTH OF STATE HIGHWAY 202 SOUTH SOUTHEAST OF THE CITY OF BEEVILLE IN BEE 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: John Benson

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

Title: City Manager

Mailing Address: 400 N Washington

City, State, Zip Code: Beeville, Texas 78102

Phone No.: 1-361-742-7725 Ext.: n/a Fax No.: n/a

E-mail Address: john.benson@beevilletx.org

2. List the county in which the facility is located: Bee

3. If the property is publicly owned and the owner is different than the permittee/applicant, please list the owner of the property.

n/a

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.

Poesta Creek; Thence to Aransas River above the tidal segment no, 2004 of the San Antonio-Nueces Coastal Basin.

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

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

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

☐ Proposed access roads, utility lines, construction easements

☐ Visual effects that could damage or detract from a historic property's integrity

☐ Vibration effects during construction or as a result of project design

☐ Additional phases of development that are planned for the future

☐ Sealing caves, fractures, sinkholes, other karst features

☐ Disturbance of vegetation or wetlands

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

n/a

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

Existing disturbances, vegetation

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.

Rainee Trevino

From: Garcia, Jesse <Jesse.Garcia@inframark.com>
Sent: Friday, March 21, 2025 4:07 PM
To: Rainee Trevino
Subject: Re: WWTP Boundary Line
Attachments: Document 3.pdf

Here is the psl. Hope this works for us.

Jesse Garcia | Plant Manager

INFRAM

801 Hwy 181 Frontage Rd. S. By-Pass Beeville,Texas 78102
(M) (361) 232-2412 | www.inframark.com
Jesse.Garcia@Inframark.com

From: Garcia, Jesse <Jesse.Garcia@inframark.com>
Sent: Friday, March 21, 2025 3:56 PM
To: Rainee Trevino <rainee.trevino@tceq.texas.gov>
Subject: Fw: WWTP Boundary Line

How is this map?

Get Outlook for iOS

From: Sonya Soto <sonya.soto@beevilletx.org>
Sent: Friday, March 21, 2025 3:55:05 PM
To: Garcia, Jesse <jesse.garcia@inframark.com>; Daniel Dorgan <daniel.dorgan@beevilletx.org>
Subject: WWTP Boundary Line

Please see attached updated.

Sonya M. Soto| Developmental Service Supervisor
Office: 361-358-4641 Ext. 290

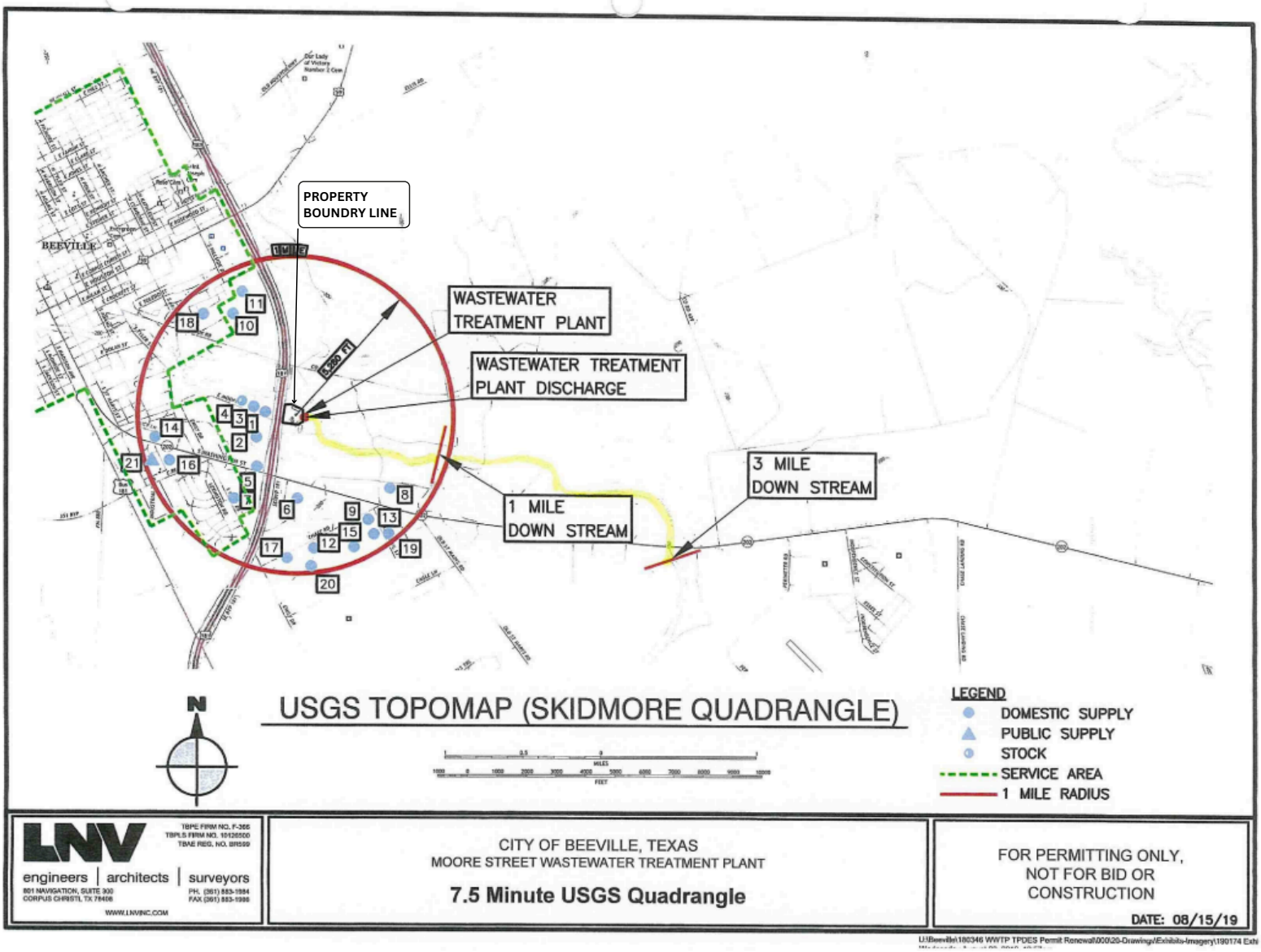
City of Beeville
400 N. Washington
Beeville, Texas 78102
www.beevilletx.org

ATTENTION PUBLIC OFFICIALS

A "Reply to All" of this e-mail could lead to violations of the Texas Open Meetings Act. Please reply only to the sender.

. City of Beeville, 400 North Washington Street, Beeville, Texas 78102,(CN600740070)(RN101614089) has applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0010124002 (EPA I.D. No. TX0047007) to authorize the discharge of treated wastewater at a volume not to exceed an annual average flow of 3,000,000 gallons per day. The domestic wastewater treatment facility is located at 801 U.S. Highway 181 North, near the city of Beeville, in Bee County, Texas 78102.

The Moore wastewater treatment plant is an extended air plant utilizing oxidation ditches to treat sewage. From there sewage flows into the secondary clarifiers. The sewage then flows to the contact chamber where we chlorinate to a 1.00 MG/L min for 20 min. The final step is our Parshall flume where effluent is measured the sent to the final weir to be dechlorinated to less than 0.10 MG/L. The discharge route is from the plant site to Poesta Creek, thence to Aransas River Above Tidal.



LNV
engineers | architects | surveyors
TBPE FIRM NO. F-365
TBPLS FIRM NO. 10126500
TBAE REG. NO. BR509
801 NAVIGATION, SUITE 300
CORPUS CHRISTI, TX 78408
PH. (361) 883-1984
FAX (361) 883-1986
WWW.LNVINC.COM

CITY OF BEEVILLE, TEXAS
MOORE STREET WASTEWATER TREATMENT PLANT

7.5 Minute USGS Quadrangle

FOR PERMITTING ONLY,
NOT FOR BID OR
CONSTRUCTION

DATE: 08/15/19

L:\Beeville\180346 WWTP TPDES Permit Renewal\000\20-Drawings\Exhibits-Imagery\190174 Exhi

Rainee Trevino

From: Garcia, Jesse <Jesse.Garcia@inframark.com>
Sent: Tuesday, March 25, 2025 11:56 AM
To: Rainee Trevino
Cc: Herrera, John; Clark, Larry; daniel.dorgan@beevilletx.org
Subject: response for tceq permit renewal
Attachments: Document 3.pdf; WWTP BOUNDRY LINE.pdf; 1.pdf

Categories: NOD Response Review

Here are those response we spoke about last week on one email.

Jesse Garcia | Plant Manager

INFRAM

801 Hwy 181 Frontage Rd. S. By-Pass Beeville,Texas 78102
(M) (361) 232-2412 | www.inframark.com
Jesse.Garcia@Inframark.com

1. 801 U.S. Highway 181North, Beeville tx 78102
2. Bee county
3. John.benson@Beevilletx.org phone # 361-742-7725
4. Mailing. 400. North Washington, Beeville TX 78102
5. We are dropping the irrigation of 2000 gal per day from the permit
6. We will not be irrigating
7. See below
8. 801 U.S. Highway 181North, Beeville tx 78102
9. We will not be irrigating