Texas Commission on Environmental Quality

Update Domestic or Industrial Individual Permit

WQ0010232003

Site Information (Regulated Entity)

What is the name of the site to be authorized?	NORTH KUEHLER WWTP
Does the site have a physical address?	Yes
Physical Address	
Number and Street	1922 KUEHLER AVE
City	NEW BRAUNFELS
State	TX
ZIP	78130
County	COMAL
Latitude (N) (##.######)	29.687407
Longitude (W) (-###.######)	-98.099125
Primary SIC Code	4952
Secondary SIC Code	
Primary NAICS Code	221320
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN101607786
What is the name of the Regulated Entity (RE)?	KUEHLER ROAD NORTH
Does the RE site have a physical address?	No
Because there is no physical address, describe how to locate this site:	1922 KUEHLER ROAD
City	NEW BRAUNFELS
State	TX
ZIP	78130
County	COMAL
Latitude (N) (##.######)	
Longitude (W) (-###.######)	
Facility NAICS Code	
What is the primary business of this entity?	DOMESTIC

New Bra-Customer (Applicant) Information (Owner)

How is this applicant associated with this site?	Owner
What is the applicant's Customer Number (CN)?	CN600522957
Type of Customer	Other Government

Full legal name of the applicant:

Legal Name	New Braunfels Utilities
Texas SOS Filing Number	
Federal Tax ID	
State Franchise Tax ID	
State Sales Tax ID	17460017837
Local Tax ID	
DUNS Number	38346169
Number of Employees	101-250
Independently Owned and Operated?	
I certify that the full legal name of the entity applying for this permit has been provided and is legally authorized to do business in Texas.	Yes

Responsible Authority Contact

Organization Name	New Braunfels Utilities
Prefix	MR
First	Mark
Middle	
Last	Steelman
Suffix	
Credentials	
Title	Chief Operations Officer

Responsible Authority Mailing Address

Enter new address or copy one from list:	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	263 MAIN PLZ
Routing (such as Mail Code, Dept., or Attn:)	
City	NEW BRAUNFELS
State	TX
ZIP	78130
Phone (###-###-####)	8306298415
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	msteelman@nbutexas.com

Billing Contact

Responsible contact for receiving billing statements:

Select the permittee that is responsible for payment of the annual fee.	CN600522957, New Braunfels Utilities
Organization Name	NEW BRAUNFELS UTILITIES
Prefix	

First	Brent
Middle	
Last	Lundmark
Suffix	
Credentials	
Title	WATER TREATMENT & COMPLIANCE MANAGER
Enter new address or copy one from list:	

Mailing Address

Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	1922 KUEHLER AVE
Routing (such as Mail Code, Dept., or Attn:)	
City	NEW BRAUNFELS
State	TX
ZIP	78130
Phone (###-###-####)	8306088900
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	BLUNDMARK@NBUTEXAS.COM

Application Contact

Person TCEQ should contact for questions about this application:

Same as another contact?	
Organization Name	Quiddity Engineering
Prefix	MR
First	Jonathan
Middle	
Last	Nguyen
Suffix	
Credentials	
Title	Permitting Specialist
Enter new address or copy one from list:	

Mailing Address

Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	912 S CAPITAL OF TEXAS HWY STE 300
Routing (such as Mail Code, Dept., or Attn:)	
City	WEST LAKE HILLS
State	TX

ZIP	78746
Phone (###-###-####)	5126855156
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	jnguyen@quiddity.com

Technical Contact

Person TCEQ should contact for questions about this application:

Same as another contact?	Application Contact
Organization Name	Quiddity Engineering
Prefix	MR
First	Jonathan
Middle	
Last	Nguyen
Suffix	
Credentials	
Title	Permitting Specialist
Enter new address or copy one from list:	

Mailing Address

Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	912 S CAPITAL OF TEXAS HWY STE 300
Routing (such as Mail Code, Dept., or Attn:)	
City	WEST LAKE HILLS
State	TX
ZIP	78746
Phone (###-###-####)	5126855156
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	jnguyen@quiddity.com

DMR Contact

Person responsible for submitting Discharge Monitoring Report Forms:

Same as another contact?	Billing Contact
Organization Name	NEW BRAUNFELS UTILITIES
Prefix	

First	Brent
Middle	
Last	Lundmark
Suffix	
Credentials	
Title	WATER TREATMENT & COMPLIANCE MANAGER
Enter new address or copy one from list:	

Mailing Address:

Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	1922 KUEHLER AVE
Routing (such as Mail Code, Dept., or Attn:)	
City	NEW BRAUNFELS
State	TX
ZIP	78130
Phone (###-###-####)	8306088900
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	BLUNDMARK@NBUTEXAS.COM

Section 1# Permit Contact

Permit Contact#: 1

Person TCEQ should contact throughout the permit term.

1) Same as another contact?	CN600522957, New Braunfels Utilities
2) Organization Name	New Braunfels Utilities
3) Prefix	MR
4) First	Mark
5) Middle	
6) Last	Steelman
7) Suffix	
8) Credentials	
9) Title	Chief Operations Officer

Mailing Address

10) Enter new address or copy one from list	
11) Address Type	Domestic
11.1) Mailing Address (include Suite or Bldg. here, if applicable)	263 MAIN PLZ
11.2) Routing (such as Mail Code, Dept., or Attn:)	
11.3) City	NEW BRAUNFELS

11.4) State	TX
11.5) ZIP	78130
12) Phone (###-###-####)	8306298415
13) Extension	
14) Alternate Phone (###-###-####)	
15) Fax (###-###-####)	
16) E-mail	msteelman@nbutexas.com

Section 2# Permit Contact

Permit Contact#: 2

Person TCEQ should contact throughout the permit term.

1) Same as another contact?	DMR Contact
2) Organization Name	NEW BRAUNFELS UTILITIES
3) Prefix	
4) First	Brent
5) Middle	
6) Last	Lundmark
7) Suffix	
8) Credentials	
9) Title	WATER TREATMENT & COMPLIANCE MANAGER

Mailing Address

10) Enter new address or copy one from list	
11) Address Type	Domestic
11.1) Mailing Address (include Suite or Bldg. here, if applicable)	1922 KUEHLER AVE
11.2) Routing (such as Mail Code, Dept., or Attn:)	
11.3) City	NEW BRAUNFELS
11.4) State	TX
11.5) ZIP	78130
12) Phone (###-###-####)	8306088900
13) Extension	
14) Alternate Phone (###-###-####)	
15) Fax (###-###-####)	
16) E-mail	blundmark@nbutexas.com

Owner Information

Owner of Treatment Facility

1) Prefix	
2) First and Last Name	
3) Organization Name	New Braunfels Utilities

4) Mailing Address	263 Main Plaza
5) City	New Braunfels
6) State	TX
7) Zip Code	78130
8) Phone (###-###-####)	8306088900
9) Extension	
10) Email	blundmark@nbutexas.com
11) What is ownership of the treatment facility?	Public
Owner of Land (where treatment facility is or will be)	
12) Prefix	
13) First and Last Name	
14) Organization Name	New Braunfels Utilities
15) Mailing Address	263 Main Plaza
16) City	New Braunfels
17) State	TX
18) Zip Code	78130
19) Phone (###-###-####)	8306088900
20) Extension	
21) Email	blundmark@nbutexas.com
22) Is the landowner the same person as the facility owner or co-applicant?	Yes

General Information Renewal-Amendment

1) Current authorization expiration date:	07/08/2026
2) Current Facility operational status:	Active
3) Is the facility located on or does the treated effluent cross American Indian Land?	No
4) What is the application type that you are seeking?	Renewal without changes
5) Current Authorization type:	Public Domestic Wastewater
5.1) What is the proposed total flow in MGD discharged at the facility?	3.1
5.2) Select the applicable fee	>= 1.0 MGD - Renewal - $2,015
6) What is the classification for your authorization?	TPDES
6.1) What is the EPA Identification Number?	TX0088170
6.2) Is the wastewater treatment facility location in the existing permit accurate?	Yes
6.3) Are the point(s) of discharge and the discharge route(s) in the existing permit correct?	Yes
6.4) City nearest the outfall(s):	New Braunfels
6.5) County where the outfalls are located:	COMAL
6.6) Is or will the treated wastewater discharge to a city, county, or state highway right-of-way, or a flood control district drainage	No

ditch?	
6.7) Is the daily average discharge at your facility of 5 MGD or more?	No
7) Did any person formerly employed by the TCEQ represent your company and get paid for service regarding this application?	Yes
7.1) List each person formerly employed by the TCEQ who represented your company and was paid for service regarding the application:	Jonathan Nguyen

Public Notice Information

Individual Publishing the Notices

1) Prefix	MS
2) First and Last Name	Becca Graham
3) Credential	
4) Title	Enterprise Communication Manager
5) Organization Name	New Braunfels Utilities
6) Mailing Address	263 MAIN PLZ
7) Address Line 2	
8) City	NEW BRAUNFELS
9) State	TX
10) Zip Code	78130
11) Phone (###-###-####)	8306298400
12) Extension	
13) Fax (###-###-####)	
14) Email	communications@nbutexas.com

Contact person to be listed in the Notices

15) Prefix	MR
16) First and Last Name	Brent Lundmark
17) Credential	
18) Title	Water Treatment & Compliance Manager
19) Organization Name	New Braunfels Utilities
20) Phone (###-###-####)	8306088900
21) Fax (###-###-####)	
22) Email	blundmark@nbutexas.com

Bilingual Notice Requirements

23) 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
23.1) Are the students who attend either the elementary school or the middle school enrolled in a bilingual education program at that school?	Yes

23.2) Do the students at these schools attend a bilingual education program at another location?	No
23.3) 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)?	No
23.4) Which language is required by the bilingual program?	Spanish

Section 1# Public Viewing Information

County#: 1

1) County	COMAL
2) Public building name	New Braunfels Utilities Customer Solutions Center
3) Location within the building	Front Desk
4) Physical Address of Building	1488 South Seguin Avenue
5) City	New Braunfels
6) Contact Name	Becca Graham
7) Phone (###-###-####)	8306298400
8) Extension	
9) Is the location open to the public?	Yes

Plain Language

1) Plain Language

[File Properties]

File Name	LANG_02 Attachment A - PLS.pdf
Hash	3CC311BBB893684D48E80688AF0A47571A91A08C2442C4883C0F5003620F3B27
MIME-Type	application/pdf

Supplemental Permit Information Form

1) Supplemental Permit Information Form (SPIF)

[File Properties]

File Name	SPIF_03 Attachment B - SPIF.pdf
Hash	D35B72B90C0A190241E82E3348B305E493226E76CC1F9CCAACEDB78270647828
MIME-Type	application/pdf

Domestic Attachments

1) Attach an 8.5"x11", reproduced portion of the most current and original USGS Topographic Quadrangle Map(s) that meets the 1:24,000 scale.

[File Properties]

File Name	MAP_04 Attachment C - USGS.pdf
Hash	A93A6680F162E3F5064AC954B1AF330A1294C69ACF6484739473E06ADAE554D9
MIME-Type	application/pdf

2) I confirm that all required sections of Technical Report 1.0 are complete and will be included in the Technical Attachment.	Yes
2.1) I confirm that Worksheet 2.0 (Receiving Waters) is complete and included in the Technical Attachment.	Yes
2.2) Are you planning to include Worksheet 2.1 (Stream Physical Characteristics) in the Technical Attachment?	No
2.3) Are you planning to include Worksheet 4.0 (Pollutant Analyses Requirements) in the Technical Attachment?	Yes
2.4) Are you planning to include Worksheet 5.0 (Toxicity Testing Requirements) in the Technical Attachment?	Yes
2.5) I confirm that Worksheet 6.0 (Industrial Waste Contribution) is complete and included in the Technical Attachment.	Yes
2.6) Are you planning to include Worksheet 7.0 (Class V Injection Well Inventory/Authorization Form) in the Technical Attachment?	No

2.7) Technical Attachment

[File Properties]

File Name	TECH_05 Attachment D - Application Technical Reports.pdf
Hash	65DF239808200AF8C2C6D4D00778D30E249CFE358544F349F06801C35DAA00BA
MIME-Type	application/pdf

3) Buffer Zone Map

4) Flow Diagram

[File Properties]

File Name	FLDIA_06 Attachment E - Flow Schematics.pdf
Hash	2AEC65E07DD111E5EC6844D27273B36DE3AD1DFE01BF4E92CFC949EE40A0A993
MIME-Type	application/pdf

5) Site Drawing

[File Properties]

File Name	SITEDR_07 Attachment F - Service Area Map.pdf
Hash	9929510E1B39B4F2F4402E31EFC6DDE3C80D5787A6F8F9ECDF971E09EA34CF33
MIME-Type	application/pdf

6) Design Calculations

[File Properties]

File Name	DES_CAL_08 Attachment G - Treatment Process and Units.pdf
Hash	FFB5DD890B4C340CCACA3D4B36881DDAA56B001AE0F544C31F341CAE7A9A3704
MIME-Type	application/pdf

7) Solids Management Plan

8) Water Balance

9) Other Attachments

[File Properties]

File Name	OTHER_09 Attachment H - Core Data Form.pdf
Hash	73775CB83ED4A6165C6FB9A9F920FE3CDFCDB23CDF6F91602AED05F881681706
MIME-Type	application/pdf

[File Properties]

File Name	OTHER_10 Attachment I - Effluent Analysis.pdf
Hash	A6CB15E57C1031B42082AE7EE2FED1D597E343938E840FC39EE9014D4FE3B523
MIME-Type	application/pdf

ATTACHMENT A

PLAIN LANGUAGE SUMMARY

NEW BRAUNFELS UTILITIES
NORTH KUEHLER WASTEWATER TREATMENT PLANT

QUIDDITY
Texas Board of Professional Engineers and Land Surveyors Registration Nos. F-23290 & 10046100
6330 West Loop South, Suite 150 • Bellaire, TX 77401 • 713.777.5337

912 S. Capital of Texas Highway, Suite 300
Austin, Texas 78746
Tel: 512.441.9493
www.quiddity.com

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

New Braunfels Utilities (CN600522957) operates the North Kuehler wastewater treatment facility (RN101607786), an activated sludge process plant operated in the complete mix mode. The facility is located at 1922 Kuehler Avenue, in the City of New Braunfels, Comal County, Texas 78130.

This application is for a renewal to discharge at an annual average flow of 3,100,000 gallons per day of treated domestic wastewater.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand ($CBOD_5$), total suspended solids (TSS), ammonia nitrogen (NH_3-N), and *Escherichia coli*. Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7. Pollutant Analysis of Treated Effluent and Domestic Worksheet 4.0 in the permit application package. Domestic wastewater is treated by an activated sludge process plant and the treatment units include a bar screen, a grit chamber, aeration basins, final clarifiers, sludge digesters, a sludge gravity thickener, chlorine contact chambers and a dechlorination chamber.

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

New Braunfels Utilities (CN600522957) opera la planta de tratamiento de aguas residuales de North Kuehler (RN101607786), una planta de procesamiento de lodos activados que opera en modo de mezcla completa. La planta está ubicada en 1922 Kuehler Avenue, en la ciudad de New Braunfels, condado de Comal, Texas 78130.

Esta solicitud es para una renovación para descargar un flujo promedio anual de 3,100,000 galones por día de aguas residuales domésticas tratadas.

Se espera que las descargas de la instalación contengan la demanda bioquímica de oxígeno carbonoso de cinco días ($CBOD_5$), sólidos suspendidos totales (TSS), nitrógeno amoniacal (NH_3-N) y *Escherichia coli*. Se incluyen otros contaminantes potenciales en el Informe Técnico Doméstico 1.0, Sección 7. Análisis de Contaminantes del Efluente Tratado, y la Hoja de Trabajo Doméstica 4.0 de la solicitud de permiso. Las aguas residuales domésticas se tratan mediante una planta de lodos activados cuyas unidades de tratamiento incluyen un tamiz de barras, un desarenador, tanques de aireación, clarificadores finales, digestores de lodos, un espesador de lodos por gravedad, cámaras de contacto con cloro y una cámara de decloración.

ATTACHMENT B

SUPPLEMENTAL PERMIT INFORMATION FORM

NEW BRAUNFELS UTILITIES
NORTH KUEHLER WASTEWATER TREATMENT PLANT

QUIDDITY
Texas Board of Professional Engineers and Land Surveyors Registration Nos. F-23290 & 10046100
6330 West Loop South, Suite 150 • Bellaire, TX 77401 • 713.777.5337

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: New Braunfels Utilities

   Permit No. WQ00 10232003 EPA ID No. TX 0088170

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

   1922 Kuehler Avenue, in the City of New Braunfels, Comal County, Texas 78130

   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: Jonathan Nguyen

   Credential (P.E, P.G., Ph.D., etc.): Click here to enter text.

   Title: Permitting Specialist

Mailing Address: 912 South Capital of Texas Hwy, Suite 300

City, State, Zip Code: Austin, TX 78746

Phone No.: 512-685-5156 Ext.: Click here to enter text. Fax No.: Click here to enter text.

E-mail Address: jnguyen@quiddity.com

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

Property owner is New Braunfels Utilities.

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

To an unnamed tributary, then to Guadalupe River Below Comal River in Segment No. 1804 of the Guadalupe River Basin.

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

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

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

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

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

No further construction planned.

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

Existing land use is for the wastewater treatment facility.

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

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

N/A

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

N/A

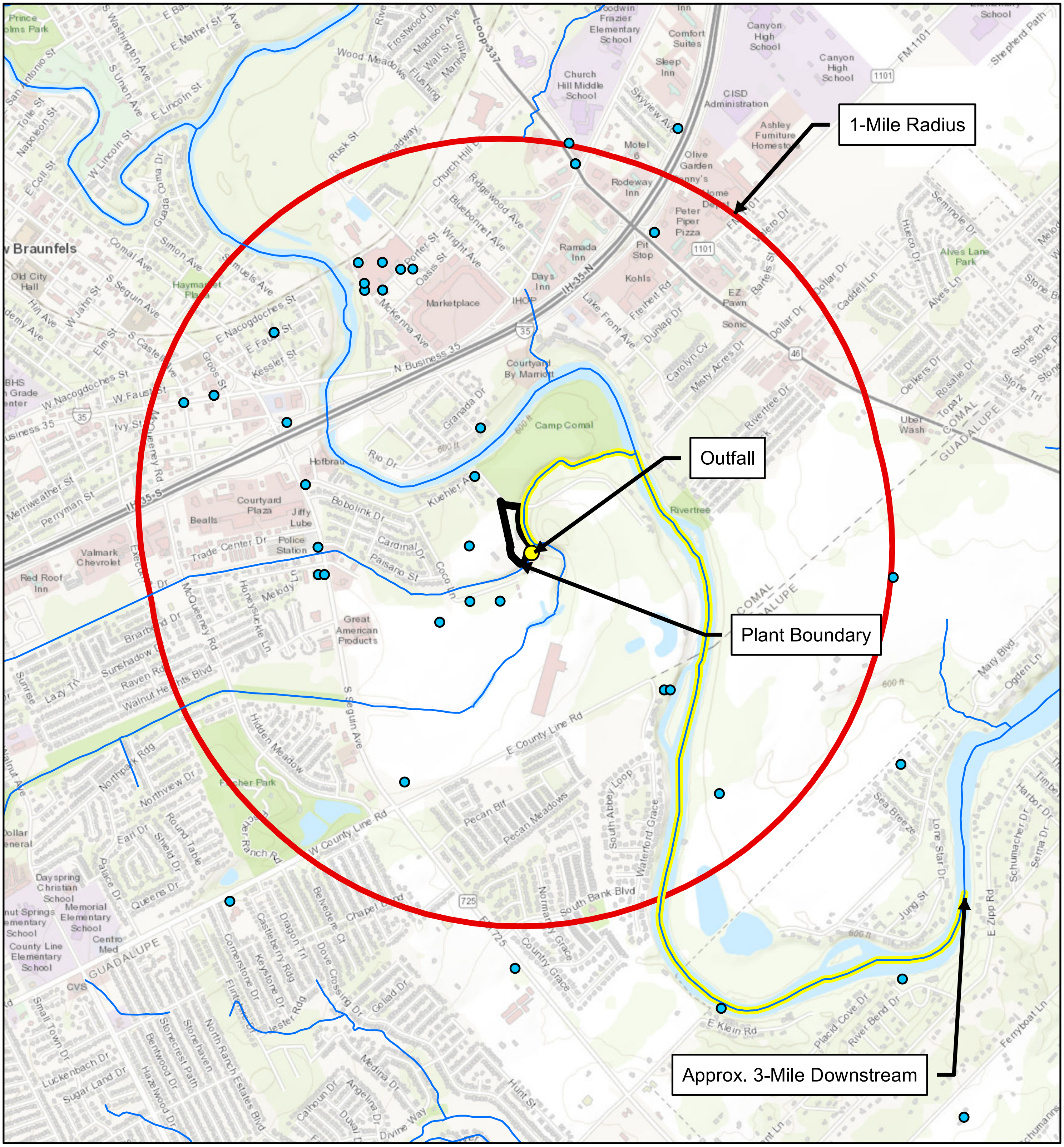
ATTACHMENT C

USGS MAP

NEW BRAUNFELS UTILITIES
NORTH KUEHLER WASTEWATER TREATMENT PLANT

QUIDDITY
Texas Board of Professional Engineers and Land Surveyors Registration Nos. F-23290 & 10046100
6330 West Loop South, Suite 150 • Bellaire, TX 77401 • 713.777.5337

USGS TOPO MAP EXHIBIT



Disclaimer: This product is offered for informational purposes and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. It does not represent an on-the-ground survey and represents only the approximate relative location of property, governmental and/or political boundaries or related facilities to said boundary. No express warranties are made by Quiddity Engineering concerning the accuracy, completeness, reliability, or usability of the information included within this exhibit.

QUIDDITY

N
W E
S

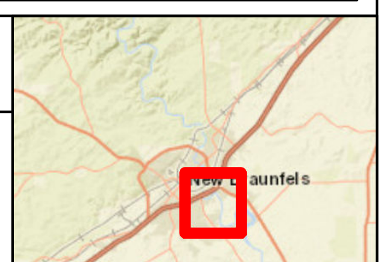
1 inch equals 2,000 feet

NBU NORTH KUEHLER

COMAL COUNTY, TEXAS

LEGEND

- Water Wells
- Outfall
- Streams
- Discharge Route
- 1 Mile Buffer
- Plant Boundary



VICINITY MAP

Scale: 1 inch equals 10 miles

Path: V:\Practice Workspace\Corporate Services\GIS\Projects\0_Individuals\J_Nguyen\NBU North Kuehler\USGS_Topo_Map_8.5X11.mxd
Project Number: 05487-0035-01.300 Date: 12/2/2025 User Name: ada1

ATTACHMENT D

APPLICATION TECHNICAL REPORT 1.0-2.0-4.0-5.0-6.0

NEW BRAUNFELS UTILITIES
NORTH KUEHLER WASTEWATER TREATMENT PLANT

QUIDDITY
Texas Board of Professional Engineers and Land Surveyors Registration Nos. F-23290 & 10046100
6330 West Loop South, Suite 150 • Bellaire, TX 77401 • 713.777.5337

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): 3.1

2-Hr Peak Flow (MGD): 9.6

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: 1985

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 G – Treatment Process and Units

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 G**		

C. Process Flow Diagram

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

Attachment: Attachment E

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

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

- Latitude: 29.687368
- Longitude: -98.098604

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

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

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

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

Attachment: Click to enter text.
Provide the name **and** a description of the area served by the treatment facility.

The North Kuehler WWTF serves central and north New Braunfels.

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

Collection System Information

Collection System Name	Owner Name	Owner Type	Population Served
N**orth Kuehler**	NBU	**Publicly Owned**	~12,500 connections

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.**

N/A

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.

N/A

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: 1983

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**.

No further action required. No expansion planned.

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.

No further action.

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*.

Other Requirement No. 6. Upon expansion of the South Kuehler WWTF (WQ0010232001), this permit will be discontinued, and the flow will be routed to the South Kuehler WWTF.

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.

N/A

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.

N/A

4. *Grease and decanted liquid disposal*

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

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

N/A

E. Stormwater management

1. *Applicability*

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

☒ Yes ☐ No

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

☒ Yes ☐ No

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

2. *MSGP coverage*

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

☒ Yes ☐ No

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

TXR05 R120 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:

N/A

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.

N/A

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.

N/A

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

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

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

☐ Yes ☐ No

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

N/A

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

F. Discharges to the Lake Houston Watershed

Does the facility discharge in the Lake Houston watershed?

☐ Yes ☒ No

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

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

1. ***Acceptance of sludge from other WWTPs***

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

☐ Yes ☒ No

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

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

N/A

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

2. ***Acceptance of septic waste***

Is the facility accepting or will it accept septic waste?

☐ Yes ☒ No

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

☐ Yes ☐ No

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.

N/A

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

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

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

☐ Yes ☒ No

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

N/A

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

Is the facility in operation?

☒ Yes ☐ No

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

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

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

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

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
$CBOD_5$, mg/l	7.37	7.37	1	Comp	10-7-25/0700
Total Suspended Solids, mg/l	3.2	3.2	1	Comp	10-8-25/0700
Ammonia Nitrogen, mg/l	<0.1	<0.1	1	Comp	10-7-25/0700
Nitrate Nitrogen, mg/l	29.2	29.2	1	Comp	10-7-25/0700
Total Kjeldahl Nitrogen, mg/l	1.0	1.0	1	Comp	10-7-25/0700
Sulfate, mg/l	86.0	86.0	1	Comp	10-7-25/0700
Chloride, mg/l	171.0	171.0	1	Comp	10-7-25/0700
Total Phosphorus, mg/l	1.9	1.9	1	Comp	10-8-25/0700
pH, standard units	6.70	6.70	1	Grab	10-6-25/0826
Dissolved Oxygen*, mg/l	7.81	7.81	1	Grab	10-6-25/0826
Chlorine Residual, mg/l	2.4	2.4	1	Grab	10-7-25/0700
E.coli (CFU/100ml) freshwater	18.5	18.5	1	Grab	10-6-25/0826
Entercocci (CFU/100ml) saltwater	N/A	N/A	N/A	N/A	N/A
Total Dissolved Solids, mg/l	535	535	1	Grab	10-6-25/0826
Electrical Conductivity, µmohs/cm, †	1170	1170	1	Grab	10-6-25/0826
Oil & Grease, mg/l	<5.0	<5.0	1	Grab	10-7-25/0700
Alkalinity ($CaCO_3$)*, mg/l	52.0	52.0	1	Grab	10-6-25/0826

*TPDES permits only
†TLAP permits only

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

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

Section 8. Facility Operator (Instructions Page 49)

Facility Operator Name: Jamie Alvarez, Sr.

Facility Operator's License Classification and Level: A

Facility Operator's License Number: WW0059401

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
Other	On-Site Owner or Operator	Not Applicable	109,294	N/A: Transported to another facility for further processing	N/A: Trasporrted to another facility for further processing

If "Other" is selected for Management Practice, please explain (e.g. monofill or transport to another WWTP): transport to South Kuehler WWTF (WQ0010232001)

D. Disposal site

Disposal site name: South Kuehler WWTF

TCEQ permit or registration number: WQ0010232001

County where disposal site is located: Comal

E. Transportation method

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

Name of the hauler: Click to enter text.

Hauler registration number: Click to enter text.

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

  Attachment: N/A
- Federal Emergency Management Map:

  Attachment: N/A
- Site map:

  Attachment: N/A

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

☐ Overlap a designated 100-year frequency flood plain

☐ Soils with flooding classification

☐ Overlap an unstable area

☐ Wetlands

☐ Located less than 60 meters from a fault

☐ None of the above

Attachment: N/A

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

N/A

B. Temporary storage information

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

Nitrate Nitrogen, mg/kg: N/A

Total Kjeldahl Nitrogen, mg/kg: N/A

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

Phosphorus, mg/kg: N/A

Potassium, mg/kg: N/A

pH, standard units: N/A

Ammonia Nitrogen mg/kg: N/A

Arsenic: N/A

Cadmium: N/A

Chromium: N/A

Copper: N/A

Lead: N/A

Mercury: N/A

Molybdenum: N/A

Nickel: N/A

Selenium: N/A

Zinc: N/A

Total PCBs: N/A

Provide the following information:

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

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

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

C. Liner information

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

☐ Yes ☐ No

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

N/A

D. Site development plan

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

N/A

Attach the following documents to the application.

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

  Attachment: N/A

- Copy of the closure plan

  Attachment: N/A

- Copy of deed recordation for the site

  Attachment: N/A

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

  Attachment: N/A

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

  Attachment: N/A

- Procedures to prevent the occurrence of nuisance conditions

  Attachment: N/A

E. Groundwater monitoring

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

☐ Yes ☐ No

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

Attachment: N/A

Section 12. Authorizations/Compliance/Enforcement (Instructions Page 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:

Reuse R10232003

B. Permittee enforcement status

Is the permittee currently under enforcement for this facility?

☐ Yes ☒ No

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

☐ Yes ☒ No

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

N/A

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

A. RCRA hazardous wastes

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

☐ Yes ☒ No

B. Remediation activity wastewater

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

☐ Yes ☒ No

C. Details about wastes received

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

Attachment: N/A

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: unnamed tributary

A. Receiving water type

Identify the appropriate description of the receiving waters.

☒ Stream

☐ Freshwater Swamp or Marsh

☐ Lake or Pond

Surface area, in acres: Click to enter text.

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

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

☐ Man-made Channel or Ditch

☐ Open Bay

☐ Tidal Stream, Bayou, or Marsh

☐ Other, specify: Click to enter text.

B. Flow characteristics

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

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

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

☒ Perennial - normally flowing

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

☐ USGS flow records

☐ Historical observation by adjacent landowners

☒ Personal observation

☐ Other, specify: Click to enter text.

C. Downstream perennial confluences

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

Guadalupe River

D. Downstream characteristics

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

☐ Yes ☒ No

If yes, discuss how.

N/A

E. Normal dry weather characteristics

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

Clear water. No aquatic plants seen.

Date and time of observation: 11/12/2025

Was the water body influenced by stormwater runoff during observations?

☐ Yes ☒ No

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

A. Upstream influences

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

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

B. Waterbody uses

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

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

C. Waterbody aesthetics

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

☐ Wilderness: outstanding natural beauty; usually wooded or unpastured area; water clarity exceptional

☒ Natural Area: trees and/or native vegetation; some development evident (from fields, pastures, dwellings); water clarity discolored

☐ Common Setting: not offensive; developed but uncluttered; water may be colored or turbid

☐ Offensive: stream does not enhance aesthetics; cluttered; highly developed; dumping areas; water discolored

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 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: 10/7/2025 @ 0700 (Comp) and 0800 (Grab)

Table 4.0(1) – Toxics Analysis

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Acrylonitrile	<50	<50	1	50
Aldrin	<0.01	<0.01	1	0.01
Aluminum	210	210	1	2.5
Anthracene	<10	<10	1	10
Antimony	<5	<5	1	5
Arsenic	0.6	0.6	1	0.5
Barium	11	11	1	3
Benzene	<10	<10	1	10
Benzidine	<50	<50	1	50
Benzo(a)anthracene	<5	<5	1	5
Benzo(a)pyrene	<5	<5	1	5
Bis(2-chloroethyl)ether	<10	<10	1	10
Bis(2-ethylhexyl)phthalate	<10	<10	1	10
Bromodichloromethane	7.3	7.3	1	10
Bromoform	<10	<10	1	10
Cadmium	<5	<5	1	1
Carbon Tetrachloride	<2	<2	1	2
Carbaryl	<5	<5	1	5
Chlordane*	<0.2	<0.2	1	0.2
Chlorobenzene	<10	<10	1	10
Chlorodibromomethane	<10	<10	1	10

Pollutant	**AVG Effluent Conc. (µg/l)**	**MAX Effluent Conc. (µg/l)**	**Number of Samples**	**MAL (µg/l)**
Chloroform	35	35	1	10
Chlorpyrifos	<0.05	<0.05	1	0.05
Chromium (Total)	<3	<3	1	3
Chromium (Tri) **(*1)**	<3	<3	1	N/A
Chromium (Hex)	<3	<3	1	3
Copper	12	12	1	2
Chrysene	<5	<5	1	5
p-Chloro-m-Cresol	<10	<10	1	10
4,6-Dinitro-o-Cresol	<50	<50	1	50
p-Cresol	<10	<10	1	10
Cyanide **(*2)**	<10	<10	1	10
4,4'- DDD	<0.1	<0.1	1	0.1
4,4'- DDE	<0.1	<0.1	1	0.1
4,4'- DDT	<0.02	<0.02	1	0.02
2,4-D	<0.7	<0.7	1	0.7
Demeton (O and S)	<0.2	<0.2	1	0.20
Diazinon	<0.5/0.1	<0.5/0.1	1	0.5/0.1
1,2-Dibromoethane	<10	<10	1	10
m-Dichlorobenzene	<10	<10	1	10
o-Dichlorobenzene	<10	<10	1	10
p-Dichlorobenzene	<10	<10	1	10
3,3'-Dichlorobenzidine	<5	<5	1	5
1,2-Dichloroethane	<10	<10	1	10
1,1-Dichloroethylene	<10	<10	1	10
Dichloromethane	<50	<50	1	20
1,2-Dichloropropane	<10	<10	1	10
1,3-Dichloropropene	<10	<10	1	10
Dicofol	<1	<1	1	1
Dieldrin	<0.02	<0.02	1	0.02
2,4-Dimethylphenol	<10	<10	1	10
Di-n-Butyl Phthalate	<10	<10	1	10
Diuron	<0.09	<0.09	1	0.09
Endosulfan I (alpha)	<0.01	<0.01	1	0.01

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Endosulfan II (beta)	<0.02	<0.02	1	0.02
Endosulfan Sulfate	<0.1	<0.1	1	0.1
Endrin	<0.02	<0.02	1	0.02
Epichlorohydrin	<50	<50	1	---
Ethylbenzene	<10	<10	1	10
Ethylene Glycol	<5	<5	1	---
Fluoride	370	370	1	500
Guthion	<0.1	<0.1	1	0.1
Heptachlor	<0.01	<0.01	1	0.01
Heptachlor Epoxide	<0.01	<0.01	1	0.01
Hexachlorobenzene	<5	<5	1	5
Hexachlorobutadiene	<10	<10	1	10
Hexachlorocyclohexane (alpha)	<0.05	<0.05	1	0.05
Hexachlorocyclohexane (beta)	<0.05	<0.05	1	0.05
gamma-Hexachlorocyclohexane (Lindane)	<0.05	<0.05	1	0.05
Hexachlorocyclopentadiene	<10	<10	1	10
Hexachloroethane	<20	<20	1	20
Hexachlorophene	<10	<10	1	10
4,4'-Isopropylidenediphenol	<1	<1	1	1
Lead	<0.5	<0.5	1	0.5
Malathion	<0.1	<0.1	1	0.1
Mercury	<0.005	<0.005	1	0.005
Methoxychlor	<2	<2	1	2
Methyl Ethyl Ketone	<50	<50	1	50
Methyl tert-butyl ether	<1	<1	1	---
Mirex	<0.02	<0.02	1	0.02
Nickel	<2	<2	1	2
Nitrate-Nitrogen	29,200	29,200	1	100
Nitrobenzene	<10	<10	1	10
N-Nitrosodiethylamine	<20	<20	1	20
N-Nitroso-di-n-Butylamine	<20	<20	1	20
Nonylphenol	<2.5	<2.5	1	333

Pollutant	**AVG Effluent Conc. (µg/l)**	**MAX Effluent Conc. (µg/l)**	**Number of Samples**	**MAL (µg/l)**
Parathion (ethyl)	<0.1	<0.1	1	0.1
Pentachlorobenzene	<20	<20	1	20
Pentachlorophenol	<5	<5	1	5
Phenanthrene	<10	<10	1	10
Polychlorinated Biphenyls (PCB's) **(*3)**	<0.2	<0.2	1	0.2
Pyridine	<20	<20	1	20
Selenium	<5	<5	1	5
Silver	<0.5	<0.5	1	0.5
1,2,4,5-Tetrachlorobenzene	<20	<20	1	20
1,1,2,2-Tetrachloroethane	<10	<10	1	10
Tetrachloroethylene	<10	<10	1	10
Thallium	<0.5	<0.5	1	0.5
Toluene	<10	<10	1	10
Toxaphene	<0.3	<0.3	1	0.3
2,4,5-TP (Silvex)	<0.3	<0.3	1	0.3
Tributyltin (see instructions for explanation)	N/A	N/A	N/A	0.01
1,1,1-Trichloroethane	<10	<10	1	10
1,1,2-Trichloroethane	<10	<10	1	10
Trichloroethylene	<10	<10	1	10
2,4,5-Trichlorophenol	<10	<10	1	50
TTHM (Total Trihalomethanes)	44	44	1	10
Vinyl Chloride	<10	<10	1	10
Zinc	19	19	1	5

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

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

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

Section 2. Priority Pollutants

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

Grab ☒ Composite ☒

Date and time sample(s) collected: 10/7/2025 @ 0700 (Comp) and 0800 (Grab)

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

Pollutant	**AVG Effluent Conc. (µg/l)**	**MAX Effluent Conc. (µg/l)**	**Number of Samples**	**MAL (µg/l)**
Antimony	<5	<5	1	5
Arsenic	0.6	0.6	1	0.5
Beryllium	<0.5	<0.5	1	0.5
Cadmium	<5	<5	1	1
Chromium (Total)	<3	<3	1	3
Chromium (Hex)	<3	<3	1	3
Chromium (Tri) **(*1)**	<3	<3	1	N/A
Copper	12	12	1	2
Lead	<0.5	<0.5	1	0.5
Mercury	<0.005	<0.005	1	0.005
Nickel	<2	<2	1	2
Selenium	<5	<5	1	5
Silver	<0.5	<0.5	1	0.5
Thallium	<0.5	<0.5	1	0.5
Zinc	19	19	1	5
Cyanide **(*2)**	11	11	1	10
Phenols, Total	<10	<10	1	10

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

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

Table 4.0(2)B – Volatile Compounds

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Acrolein	<50	<50	1	50
Acrylonitrile	<50	<50	1	50
Benzene	<10	<10	1	10
Bromoform	<10	<10	1	10
Carbon Tetrachloride	<2	<2	1	2
Chlorobenzene	<10	<10	1	10
Chlorodibromomethane	<10	<10	1	10
Chloroethane	<50	<50	1	50
2-Chloroethylvinyl Ether	<10	<10	1	10
Chloroform	35	35	1	10
Dichlorobromomethane [Bromodichloromethane]	7.3	7.3	1	10
1,1-Dichloroethane	<10	<10	1	10
1,2-Dichloroethane	<10	<10	1	10
1,1-Dichloroethylene	<10	<10	1	10
1,2-Dichloropropane	<10	<10	1	10
1,3-Dichloropropylene [1,3-Dichloropropene]	<10	<10	1	10
1,2-Trans-Dichloroethylene	<10	<10	1	10
Ethylbenzene	<10	<10	1	10
Methyl Bromide	<50	<50	1	50
Methyl Chloride	<50	<50	1	50
Methylene Chloride	<20	<20	1	20
1,1,2,2-Tetrachloroethane	<10	<10	1	10
Tetrachloroethylene	<10	<10	1	10
Toluene	<10	<10	1	10
1,1,1-Trichloroethane	<10	<10	1	10
1,1,2-Trichloroethane	<10	<10	1	10
Trichloroethylene	<10	<10	1	10
Vinyl Chloride	<10	<10	1	10

Table 4.0(2)C – Acid Compounds

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

Table 4.0(2)D – Base/Neutral Compounds

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

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

Table 4.0(2)E - Pesticides

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

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

Section 3. Dioxin/Furan Compounds

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

☐ 2,4,5-trichlorophenoxy acetic acid

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

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

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

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

Common Name Erbon, CASRN 136-25-4

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

Common Name Ronnel, CASRN 299-84-3

☐ 2,4,5-trichlorophenol

Common Name TCP, CASRN 95-95-4

☐ hexachlorophene

Common Name HCP, CASRN 70-30-4

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

N/A

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

☐ Yes ☒ No

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

N/A

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

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

Grab ☐ Composite ☐

Date and time sample(s) collected: 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

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

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 5.0: TOXICITY TESTING REQUIREMENTS

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

This worksheet is not required minor amendments without renewal.

Section 1. Required Tests

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

7-day Chronic: Click to enter text.

48-hour Acute: 11

Section 2. Toxicity Reduction Evaluations (TREs)

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

☐ Yes ☒ No

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

N/A

Section 3. Summary of WET Tests

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

Table 5.0(1) Summary of WET Tests

Test Date	Test Species	NOEC Survival	NOEC Sub-lethal
Submitted via DMR			

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 6.0: INDUSTRIAL WASTE CONTRIBUTION

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

Section 1. All POTWs (Instructions Page 87)

A. Industrial users (IUs)

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

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

Categorical IUs:

Number of IUs: 0

Average Daily Flows, in MGD: 0

Significant IUs – non-categorical:

Number of IUs: 0

Average Daily Flows, in MGD: 0

Other IUs:

Number of IUs: 0

Average Daily Flows, in MGD: 0

B. Treatment plant interference

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

☐ Yes ☒ No

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

N/A

C. Treatment plant pass through

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

☐ Yes ☒ No

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

N/A

D. Pretreatment program

Does your POTW have an approved pretreatment program?

☒ Yes ☐ No

If yes, complete Section 2 only of this Worksheet.

Is your POTW required to develop an approved pretreatment program?

☐ Yes ☐ No

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

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

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

N/A

B. Non-substantial modifications

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

☐ Yes ☒ No

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

N/A

C. Effluent parameters above the MAL

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

Table 6.0(1) – Parameters Above the MAL

Pollutant	Concentration	MAL	Units	Date
N/A	N/A	N/A	N/A	N/A

D. Industrial user interruptions

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

☐ Yes ☒ No

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

N/A

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

A. General information

Company Name: N/A

SIC Code: N/A

Contact name: N/A

Address: N/A

City, State, and Zip Code: N/A

Telephone number: N/A

Email address: N/A

B. Process information

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

N/A

C. Product and service information

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

N/A

D. Flow rate information

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

Process Wastewater:

Discharge, in gallons/day: N/A

Discharge Type: ☐ Continuous ☐ Batch ☐ Intermittent

Non-Process Wastewater:

Discharge, in gallons/day: N/A

Discharge Type: ☐ Continuous ☐ Batch ☐ Intermittent

E. Pretreatment standards

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

Category: N/A

Subcategories: N/A

Category: N/A

Subcategories: N/A

Category: N/A

Subcategories: N/A

Category: N/A

Subcategories: N/A

F. Industrial user interruptions

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

☐ Yes ☐ No

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

N/A

ATTACHMENT E

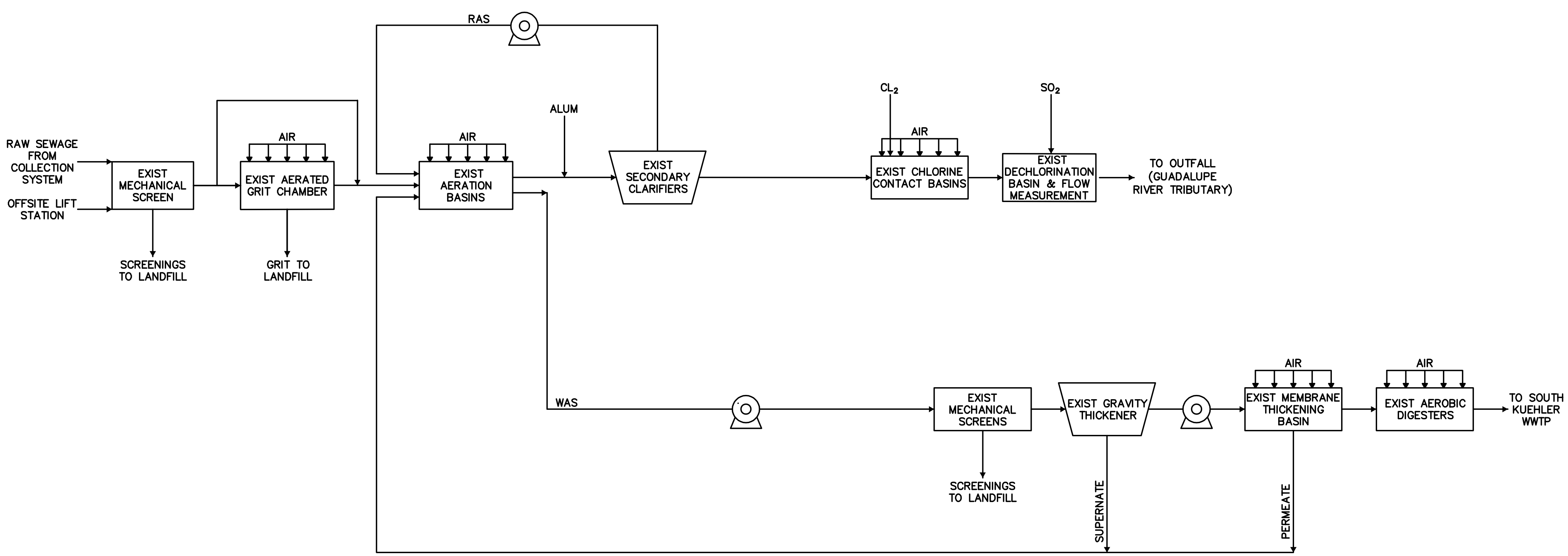
FLOW SCHEMATICS

NEW BRAUNFELS UTILITIES
NORTH KUEHLER WASTEWATER TREATMENT PLANT

QUIDDITY
Texas Board of Professional Engineers and Land Surveyors Registration Nos. F-23290 & 10046100
6330 West Loop South, Suite 150 • Bellaire, TX 77401 • 713.777.5337

LEGEND:

NPW	NON-POTABLE WATER
MGD	MILLION GALLONS PER DAY
RAS	RETURN ACTIVATED SLUDGE
WAS	WASTE ACTIVATED SLUDGE
	EXISTING
	PROPOSED
	FUTURE
	AIR LIFT
	PUMP



ATTACHMENT I
FLOW SCHEMATIC – 3.1 MGD
NEW BRAUNFELS UTILITIES
COMAL COUNTY, TEXAS
NORTH KUEHLER WASTEWATER TREATMENT PLANT
PERMIT NO. WQ0010232003

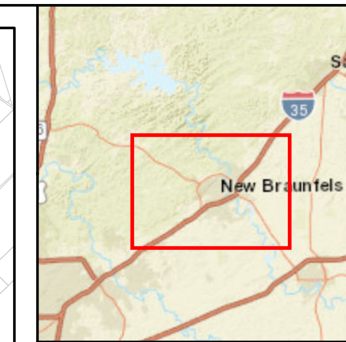
QUIDDITY
Texas Board of Professional Engineers and Land Surveyors Reg. No. F-23290
2967 Oak Run Parkway, Suite 219 New Braunfels, TX 78132 830.203.6630

ATTACHMENT F

SERVICE AREA MAP

NEW BRAUNFELS UTILITIES
NORTH KUEHLER WASTEWATER TREATMENT PLANT

QUIDDITY
Texas Board of Professional Engineers and Land Surveyors Registration Nos. F-23290 & 10046100
6330 West Loop South, Suite 150 • Bellaire, TX 77401 • 713.777.5337



VICINITY MAP
1 INCH = 20 MILES

LEGEND

- City Limits
- Service Area
- WWTP Boundary
- Parcels

SERVICE AREA MAP

NBU NORTH KUEHLER
COMAL COUNTY, TEXAS

N S E W

0 5,700
1 INCH : 5,700 FEET
IMAGERY PROVIDED BY NEARMAP

Disclaimer: This product is offered for informational purposes and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. It does not represent an on-the-ground survey and represents only the approximate relative location of property, governmental and/or political boundaries or related facilities to said boundary. No express warranties are made by Quiddity Engineering concerning the accuracy, completeness, reliability, or usability of the information included within this exhibit.

QUIDDITY
Texas Board of Professional Engineers Registration No. F-23290

Path: V:\Practice Workspace\Corporate Services\GIS\Projects\0_Individuals\J_Nguyen\NBU North Kuehler\Service_Area_Map_(11x17).mxd Project Number: 05487-0035-01.300 Date: 12/2/2025 User Name: ada1

ATTACHMENT G

TREATMENT PROCESS AND UNITS

NEW BRAUNFELS UTILITIES
NORTH KUEHLER WASTEWATER TREATMENT PLANT

QUIDDITY
Texas Board of Professional Engineers and Land Surveyors Registration Nos. F-23290 & 10046100
6330 West Loop South, Suite 150 • Bellaire, TX 77401 • 713.777.5337

NEW BRAUNFELS UTILITIES
NORTH KUEHLER WASTEWATER TREATMENT PLANT
TREATMENT UNITS AND DIMENSIONS

<u>Existing Facilities:</u>

The existing New Braunfels Utilities North Kuehler Wastewater Treatment Plant is a single-stage nitrification activated sludge process capable of treating 3.1 MGD average daily flow. It also includes a solids process train with aerobic digesters and thickeners. Thickened sludge is then pumped to the South Kuehler Wastewater Treatment Plant for dewatering.

The existing facilities include headworks with a mechanical bar screen, grit removal system, one (1) rapid mix basin, two (2) aeration basins with coarse bubble aeration, two (2) secondary clarifiers, two (2) chlorine contact basins, one (1) dechlorination basin, one (1) flow measurement basin, five (5) process flow blowers, one (1) sludge pump, one (1) drain return pump, two (2) non-potable water pumps, one (1) gravity sludge thickener, two (2) membrane thickener systems with two (2) blowers, two (2) permeate pumps, and two (2) aerobic digesters with two (2) blowers as well as equipment for alum, chlorine gas, and sulfur dioxide.

A schematic of the wastewater treatment plant is provided in Attachment E of this application.

Following are the treatment unit volumes and surface areas:

Grit Chamber	= 5,832 ft^3
Aeration Basins	= 231,697 ft^3
Secondary Clarifiers	= 10,604 ft^3
Chlorine Contact Basins	=21,000 ft^3
Dechlorination Basin	= 304 ft^3
Aerobic Digesters	= 37,000 ft^3
Gravity Thickener	= 707 ft^2
Air Blowers (Firm Capacity)	
Process Air	= 10,750 scfm
Digester Air	= 2,140 scfm

ATTACHMENT H

CORE DATA FORM

NEW BRAUNFELS UTILITIES
NORTH KUEHLER WASTEWATER TREATMENT PLANT

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 600522957		**RN 101607786**

SECTION II: Customer Information

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

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

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

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

New Braunfels Utilities

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:
263 Main Plaza

City	New Braunfels	**State**	TX	**ZIP**	78130	**ZIP + 4**	

16. Country Mailing Information *(if outside USA)*

17. E-Mail Address *(if applicable)*
blundmark@nbutexas.com

18. Telephone Number	19. Extension or Code	20. Fax Number *(if applicable)*
(830) 608-8900		( ) -

SECTION III: Regulated Entity Information

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

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

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

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

North Kuehler Wastewater Treatment Facility

23. Street Address of the Regulated Entity: ***(No PO Boxes)***	1922 Kuehler Avenue						
	City	New Braunfels	**State**	TX	**ZIP**	78130	**ZIP + 4**
24. County	Comal						

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

25. Description to Physical Location:	N/A

26. Nearest City	State	Nearest ZIP Code
New Braunfels	TX	78130

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

27. Latitude (N) In Decimal:	29.687333		**28. Longitude (W) In Decimal:**	-98.099115	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds

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

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

treatment of municipal wastewater

34. Mailing Address:	**263 Main Plaza**						
	City	**New Braunfels**	**State**	**TX**	**ZIP**	**78130**	**ZIP + 4**
35. E-Mail Address:	**blundmark@nbutexas.com**						

36. Telephone Number	37. Extension or Code	38. Fax Number *(if applicable)*
(830) 608-8900		( ) -

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
	TXR05R120			
☐ Voluntary Cleanup	☒ Wastewater	☐ Wastewater Agriculture	☐ Water Rights	☐ Other:
	WQ0010232003			

SECTION IV: Preparer Information

40. Name:	Jonathan Nguyen	**41. Title:**	Permitting Specialist

42. Telephone Number	**43. Ext./Code**	**44. Fax Number**	**45. E-Mail Address**
(512 **)** 685-5156		**(** **)** -	jnguyen@quiddity.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:	New Braunfels Utilities	**Job Title:**	Water Treatment and Compliance Manager
Name *(In Print):*	Brent Lundmark	**Phone:**	**(** 830 **)** 608- **8900**
Signature:		**Date:**	

ATTACHMENT I

FINAL EFFLUENT ANALYSIS

NEW BRAUNFELS UTILITIES
NORTH KUEHLER WASTEWATER TREATMENT PLANT

QUIDDITY
Texas Board of Professional Engineers and Land Surveyors Registration Nos. F-23290 & 10046100
6330 West Loop South, Suite 150 • Bellaire, TX 77401 • 713.777.5337

POLLUTION CONTROL SERVICES

Report of Sample Analysis

Client Information	Sample Information	Laboratory Information
Trish Soechting (WWTP) New Braunfels Utilities P.O. Box 310289 New Braunfels, TX 78131	Project Name: NK TCEQ Major Permit Renewal Sample ID: Effluent 10072535 Matrix: Non-Potable Water Date/Time Taken: 10/7/2025 0700	PCS Sample #: 818645 Page 1 of 1 Date/Time Received: 10/7/2025 10:42 Report Date: 10/8/2025 Approved by: Chuck Wallgren Chuck Wallgren, President

Test Description	Result	Units	RL	Analysis Date/Time	Method	Analyst
Chloride_IC	171	mg/L	2	10/07/2025 12:31	EPA 300.0	JAS
Nitrate-N_IC	29.2	mg/L	0.2	10/07/2025 12:31	EPA 300.0	JAS
Sulfate_IC	86	mg/L	2	10/07/2025 12:31	EPA 300.0	JAS
Fluoride_IC	0.37	mg/L	0.20	10/07/2025 12:31	EPA 300.0	JAS

Quality Assurance Summary

Test Description	Precision	Limit	LCL	MS	MSD	UCL	LCS	LCS Limit	Blank
Chloride_IC	1	10	95	99	99	102	96	85 - 115	
Nitrate-N_IC	<1	20	70	98	98	130	97	85 - 115	
Sulfate_IC	1	10	94	100	99	101	97	85 - 115	
Fluoride_IC	1	10	87	96	95	105	95	85 - 115	

***Quality Statement:** All supporting quality data adhered to data quality objectives and test results meet the requirements of NELAC unless otherwise noted as flagged exceptions or in a case narrative attachment. Reports with full quality data deliverables are available on request.*

These analytical results relate only to the sample tested.
All data is reported on an 'As Is' basis unless designated as 'Dry Wt'.
RL = Reporting Limits

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Main: 210-340-0343
Fax: 210-658-7903

POLLUTION CONTROL SERVICES

Report of Sample Analysis

Client Information	Sample Information	Laboratory Information
Trish Soechting (WWTP) New Braunfels Utilities P.O. Box 310289 New Braunfels, TX 78131	Project Name: NK TCEQ Major Permit Renewal Sample ID: Effluent 10072536 Matrix: Non-Potable Water Date/Time Taken: 10/7/2025 0753	PCS Sample #: 818646 Page 1 of 1 Date/Time Received: 10/7/2025 10:42 Report Date: 10/30/2025 Approved by: Chuck Wallgren, President

Test Description	Result	Units	RL	Analysis Date/Time	Method	Analyst
Mercury/CVAFS	<0.000005	mg/L	0.000005	10/30/2025 09:15	EPA 245.7	DJL

Quality Assurance Summary

Test Description	Precision	Limit	LCL	MS	MSD	UCL	LCS	LCS Limit	Blank
Mercury/CVAFS	2	20	70	75	72	130	101	70 - 130	<1.8ng/L

Quality Statement: All supporting quality data adhered to data quality objectives and test results meet the requirements of NELAC unless otherwise noted as flagged exceptions or in a case narrative attachment. Reports with full quality data deliverables are available on request.

These analytical results relate only to the sample tested.
All data is reported on an 'As Is' basis unless designated as 'Dry Wt'.
RL = Reporting Limits

POLLUTION CONTROL SERVICES

Report of Sample Analysis

Client Information	Sample Information	Laboratory Information
Trish Soechting (WWTP) **New Braunfels Utilities** **P.O. Box 310289** **New Braunfels, TX 78131**	**Project Name:** NK TCEQ Major Permit Renewal **Sample ID:** Effluent 10072537 **Matrix:** Non-Potable Water **Date/Time Taken:** 10/7/2025 0700	**PCS Sample #:** 818647 Page 1 of 1 **Date/Time Received:** 10/7/2025 10:42 **Report Date:** 10/13/2025 Approved by: Chuck Wallgren, President

Test Description	Result	Units	RL	Analysis Date/Time	Method	Analyst
Ammonia-N (ISE)	<0.1	mg/L	0.1	10/10/2025 09:30	SM 4500-NH3 D	CLH
Kjeldahl-N, Total	1	mg/L	1	10/08/2025 09:00	SM 4500-N B/C	PML

Quality Assurance Summary

Test Description	Precision	Limit	LCL	MS	MSD	UCL	LCS	LCS Limit	Blank
Ammonia-N (ISE)	3	10	80	88	90	120	115	85 - 115	
Kjeldahl-N, Total	<1	10	90	99	99	109	101	85 - 115	<1

***Quality Statement:** All supporting quality data adhered to data quality objectives and test results meet the requirements of NELAC unless otherwise noted as flagged exceptions or in a case narrative attachment. Reports with full quality data deliverables are available on request.*

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POLLUTION CONTROL SERVICES

Report of Sample Analysis

Client Information	Sample Information	Laboratory Information
Trish Soechting (WWTP) **New Braunfels Utilities** **P.O. Box 310289** **New Braunfels, TX 78131**	**Project Name: NK TCEQ Major Permit Renewal** **Sample ID: Effluent 10072538** **Matrix: Non-Potable Water** **Date/Time Taken: 10/7/2025 0700**	**PCS Sample #: 818648 Page 1 of 2** **Date/Time Received: 10/7/2025 10:42** **Report Date: 10/20/2025** **Approved by:** Chuck Wallgren, President

Test Description	Result	Units	RL	Analysis Date/Time	Method	Analyst
Arsenic/ICP MS	0.0006	mg/L	0.0005	10/15/2025 07:27	EPA 200.8	DJL
Barium/ICP (Total)	0.011	mg/L	0.003	10/16/2025 10:46	EPA 200.7 / 6010 B	DJL
Cadmium/ICP (Total)	<0.005	mg/L	0.005	10/16/2025 10:46	EPA 200.7 / 6010 B	DJL
Chromium/ICP (Total)	<0.003	mg/L	0.003	10/16/2025 10:46	EPA 200.7 / 6010 B	DJL
Copper/ICP (Total)	0.012	mg/L	0.002	10/16/2025 10:46	EPA 200.7 / 6010 B	DJL
Lead/ICP MS	<0.0005	mg/L	0.0005	10/15/2025 07:27	EPA 200.8	DJL
Aluminum/ICP (Total)	0.210	mg/L	0.0025	10/16/2025 10:46	EPA 200.7 / 6010 B	DJL
Beryllium/ICP (Total)	<0.0005	mg/L	0.0005	10/16/2025 10:46	EPA 200.7 / 6010 B	DJL

Quality Assurance Summary

Test Description	Precision	Limit	LCL	MS	MSD	UCL	LCS	LCS Limit	Blank
Arsenic/ICP MS	2	20	70	99	101	130	101	85 - 115	
Barium/ICP (Total)	<1	20	75	93	93	125	100	85 - 115	
Cadmium/ICP (Total)	1	20	75	96	97	125	95	85 - 115	
Chromium/ICP (Total)	<1	20	75	95	95	125	100	85 - 115	
Copper/ICP (Total)	<1	20	75	98	98	125	100	85 - 115	
Lead/ICP MS	2	20	70	*N/C	*N/C	130	102	85 - 115	
Aluminum/ICP (Total)	<1	20	75	102	102	125	95	85 - 115	
Beryllium/ICP (Total)	<1	20	75	100	100	125	95	85 - 115	

***Quality Statement:** All supporting quality data adhered to data quality objectives and test results meet the requirements of NELAC unless otherwise noted as flagged exceptions or in a case narrative attachment. Reports with full quality data deliverables are available on request.*

*Approved for release per QA Plan, Exception to Limits - QAM Section 13-4

These analytical results relate only to the sample tested.
All data is reported on an 'As Is' basis unless designated as 'Dry Wt'.
RL = Reporting Limits
**N/C = Not Calculated, Sample Concentration Greater than 5 times the Spike Level*

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Fax: 210-658-7903

POLLUTION CONTROL SERVICES

Report of Sample Analysis

Client Information	Sample Information	Laboratory Information
Trish Soechting (WWTP) New Braunfels Utilities P.O. Box 310289 New Braunfels, TX 78131	Project Name: NK TCEQ Major Permit Renewal Sample ID: Effluent 10072538 Matrix: Non-Potable Water Date/Time Taken: 10/7/2025 0700	PCS Sample #: 818648 Page 2 of 2 Date/Time Received: 10/7/2025 10:42 Report Date: 10/20/2025

Test Description	Result	Units	RL	Analysis Date/Time	Method	Analyst
Nickel/ICP (Total)	<0.002	mg/L	0.002	10/16/2025 10:46	EPA 200.7 / 6010 B	DJL
Zinc/ICP (Total)	0.019	mg/L	0.005	10/16/2025 10:46	EPA 200.7 / 6010 B	DJL
Antimony/ICP MS	<0.005	mg/L	0.005	10/15/2025 07:27	EPA 200.8	DJL
Thallium/ICP MS	<0.0005	mg/L	0.0005	10/15/2025 07:27	EPA 200.8	DJL
Selenium/ICP MS	<0.005	mg/L	0.005	10/15/2025 07:27	EPA 200.8	DJL
Silver/ICP MS	<0.0005	mg/L	0.0005	10/15/2025 07:27	EPA 200.8	DJL

Quality Assurance Summary

Test Description	Precision	Limit	LCL	MS	MSD	UCL	LCS	LCS Limit	Blank
Nickel/ICP (Total)	1	20	75	91	92	125	95	85 - 115	
Zinc/ICP (Total)	<1	20	75	93	93	125	95	85 - 115	
Antimony/ICP MS	4	20	70	97	101	130	99	85 - 115	
Thallium/ICP MS	3	20	70	95	98	130	95	85 - 115	
Selenium/ICP MS	<1	20	70	100	101	130	101	85 - 115	
Silver/ICP MS	4	20	70	*N/C	*N/C	130	98	85 - 115	

***Quality Statement:** All supporting quality data adhered to data quality objectives and test results meet the requirements of NELAC unless otherwise noted as flagged exceptions or in a case narrative attachment. Reports with full quality data deliverables are available on request.*

*Approved for release per QA Plan, Exception to Limits - QAM Section 13-4

These analytical results relate only to the sample tested.
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RL = Reporting Limits
**N/C = Not Calculated, Sample Concentration Greater than 5 times the Spike Level*

POLLUTION CONTROL SERVICES

Report of Sample Analysis

Client Information	Sample Information	Laboratory Information
Trish Soechting (WWTP) New Braunfels Utilities P.O. Box 310289 New Braunfels, TX 78131	Project Name: NK TCEQ Major Permit Renewal Sample ID: Effluent 10072539 Matrix: Non-Potable Water Date/Time Taken: 10/07/2025 0700	PCS Sample #: 818649 Page 1 of 1 Date/Time Received: 10/07/2025 10:42 Report Date: 10/24/2025 Approved by: Chuck Wallgren, President

Test Description	Result	Units	RL	Analysis Date/Time	Method	Analyst
Trivalent Chromium	<0.003	mg/L	N/A	10/16/2025 10:46	Calculation	DJL
Hexavalent Chrome	<0.003	mg/L	0.003	10/07/2025 15:15	SM 3500-Cr B	DJL

Quality Assurance Summary

Test Description	Precision	Limit	LCL	MS	MSD	UCL	LCS	LCS Limit	Blank
Trivalent Chromium	N/A	N/A	N/A			N/A			
Hexavalent Chrome	<1	20	75	80	80	125	101	85 - 115	

Quality Statement: All supporting quality data adhered to data quality objectives and test results meet the requirements of NELAC unless otherwise noted as flagged exceptions or in a case narrative attachment. Reports with full quality data deliverables are available on request.

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POLLUTION CONTROL SERVICES

Report of Sample Analysis

Client Information	Sample Information	Laboratory Information
Trish Soechting (WWTP) New Braunfels Utilities P.O. Box 310289 New Braunfels, TX 78131	Project Name: NK TCEQ Major Permit Renewal Sample ID: Effluent 10072540 Matrix: Non-Potable Water Date/Time Taken: 10/7/2025 0755	PCS Sample #: 818650 Page 1 of 1 Date/Time Received: 10/7/2025 10:42 Report Date: 10/14/2025 Approved by: Chuck Wallgren, President

Test Description	Result	Units	RL	Analysis Date/Time	Method	Analyst
Oil and Grease (H.E.M.)	<5.0	mg/L	5	10/10/2025 10:00	EPA 1664 Rev	EMV

Quality Assurance Summary

Test Description	Precision	Limit	LCL	MS	MSD	UCL	LCS	LCS Limit	Blank
Oil and Grease (H.E.M.)	<1	18	N/A	N/A	N/A	N/A	94	78 - 114	

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RL = Reporting Limits

POLLUTION CONTROL SERVICES

Report of Sample Analysis

Client Information	Sample Information	Laboratory Information
Trish Soechting (WWTP) New Braunfels Utilities P.O. Box 310289 New Braunfels, TX 78131	Project Name: NK TCEQ Major Permit Renewal Sample ID: Effluent 10072541 Matrix: Non-Potable Water Date/Time Taken: 10/7/2025 0758	PCS Sample #: 818651 Page 1 of 1 Date/Time Received: 10/7/2025 10:42 Report Date: 10/24/2025 Approved by: Chuck Wallgren, President

Test Description	Flag	Result	Units	RL	Analysis Date/Time	Method	Analyst
Cyanide, Amenable	+	See Attached				ES	

Quality Statement: All supporting quality data adhered to data quality objectives and test results meet the requirements of NELAC unless otherwise noted as flagged exceptions or in a case narrative attachment. Reports with full quality data deliverables are available on request.

+ *Subcontract Work - NELAP Certified Lab*

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POLLUTION CONTROL SERVICES

Report of Sample Analysis

Client Information	Sample Information	Laboratory Information
Trish Soechting (WWTP) New Braunfels Utilities P.O. Box 310289 New Braunfels, TX 78131	Project Name: NK TCEQ Major Permit Renewal Sample ID: Effluent 10072542 Matrix: Non-Potable Water Date/Time Taken: 10/7/2025 0800	PCS Sample #: 818652 Page 1 of 1 Date/Time Received: 10/7/2025 10:42 Report Date: 10/23/2025 Approved by: Chuck Wallgren, President

Test Description	Result	Units	RL	Analysis Date/Time	Method	Analyst
Volatiles 624	See Attached				ES	

Quality Statement: All supporting quality data adhered to data quality objectives and test results meet the requirements of NELAC unless otherwise noted as flagged exceptions or in a case narrative attachment. Reports with full quality data deliverables are available on request.

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RL = Reporting Limits

POLLUTION CONTROL SERVICES

Report of Sample Analysis

Client Information	Sample Information	Laboratory Information
Trish Soechting (WWTP) New Braunfels Utilities P.O. Box 310289 New Braunfels, TX 78131	Project Name: NK TCEQ Major Permit Renewal Sample ID: Effluent 10072529 Matrix: Non-Potable Water Date/Time Taken: 10/7/2025 0751	PCS Sample #: 818653 Page 1 of 1 Date/Time Received: 10/7/2025 10:42 Report Date: 10/23/2025 Approved by: Chuck Wallgren, President

Test Description	Result	Units	RL	Analysis Date/Time	Method	Analyst
Phenols	See Attached				ES	

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FAX # 210-658-7903

POLLUTION CONTROL SERVICES

Report of Sample Analysis

Client Information	Sample Information	Laboratory Information
Trish Soechting (WWTP) New Braunfels Utilities P.O. Box 310289 New Braunfels, TX 78131	Project Name: NK TCEQ Major Permit Renewal Sample ID: Effluent 10072530 Matrix: Non-Potable Water Date/Time Taken: 10/7/2025 0700	PCS Sample #: 818654 Page 1 of 1 Date/Time Received: 10/7/2025 10:42 Report Date: 10/23/2025 Approved by: Chuck Wallgren, President

Test Description	Result	Units	RL	Analysis Date/Time	Method	Analyst
Nonylphenol	See Attached				ES	
Bisphenol-A	See Attached				ES	

Quality Statement: All supporting quality data adhered to data quality objectives and test results meet the requirements of NELAC unless otherwise noted as flagged exceptions or in a case narrative attachment. Reports with full quality data deliverables are available on request.

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POLLUTION CONTROL SERVICES

Report of Sample Analysis

Client Information	Sample Information	Laboratory Information
Trish Soechting (WWTP) New Braunfels Utilities P.O. Box 310289 New Braunfels, TX 78131	Project Name: NK TCEQ Major Permit Renewal Sample ID: Effluent 10072531 Matrix: Non-Potable Water Date/Time Taken: 10/7/2025 0700	PCS Sample #: 818655 Page 1 of 1 Date/Time Received: 10/7/2025 10:42 Report Date: 10/23/2025 Approved by: Chuck Wallgren, President

Test Description	Result	Units	RL	Analysis Date/Time	Method	Analyst
Pesticides 8081	See Attached					ES
Pesticides 632	See Attached					ES

Quality Statement: All supporting quality data adhered to data quality objectives and test results meet the requirements of NELAC unless otherwise noted as flagged exceptions or in a case narrative attachment. Reports with full quality data deliverables are available on request.

These analytical results relate only to the sample tested.
All data is reported on an 'As Is' basis unless designated as 'Dry Wt'.
RL = Reporting Limits

Web Site: www.pcslab.net
eMail: chuck@pcslab.net
1532 Universal City Blvd, Suite 100
Universal City, TX 78148-3318
210-340-0343
FAX # 210-658-7903

POLLUTION CONTROL SERVICES

Report of Sample Analysis

Client Information	Sample Information	Laboratory Information
Trish Soechting (WWTP) New Braunfels Utilities P.O. Box 310289 New Braunfels, TX 78131	Project Name: NK TCEQ Major Permit Renewal Sample ID: Effluent 10072532 Matrix: Non-Potable Water Date/Time Taken: 10/7/2025 0700	PCS Sample #: 818656 Page 1 of 1 Date/Time Received: 10/7/2025 10:42 Report Date: 10/23/2025 Approved by: Chuck Wallgren Chuck Wallgren, President

Test Description	Result	Units	RL	Analysis Date/Time	Method	Analyst
Herbicides 615	See Attached				ES	

Quality Statement: All supporting quality data adhered to data quality objectives and test results meet the requirements of NELAC unless otherwise noted as flagged exceptions or in a case narrative attachment. Reports with full quality data deliverables are available on request.

These analytical results relate only to the sample tested.
All data is reported on an 'As Is' basis unless designated as 'Dry Wt'.
RL = Reporting Limits

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FAX # 210-658-7903

POLLUTION CONTROL SERVICES

NELAP ACCREDITED TNI LABORATORY

Report of Sample Analysis

Client Information	Sample Information	Laboratory Information
Trish Soechting (WWTP) New Braunfels Utilities P.O. Box 310289 New Braunfels, TX 78131	Project Name: NK TCEQ Major Permit Renewal Sample ID: Effluent 10072533 Matrix: Non-Potable Water Date/Time Taken: 10/7/2025 0700	PCS Sample #: 818657 Page 1 of 1 Date/Time Received: 10/7/2025 10:42 Report Date: 10/23/2025 Approved by: Chuck Wallgren, President

Test Description	Result	Units	RL	Analysis Date/Time	Method	Analyst
Ethylene Glycol	See Attached				ES	

Quality Statement: All supporting quality data adhered to data quality objectives and test results meet the requirements of NELAC unless otherwise noted as flagged exceptions or in a case narrative attachment. Reports with full quality data deliverables are available on request.

These analytical results relate only to the sample tested.
All data is reported on an 'As Is' basis unless designated as 'Dry Wt'.
RL = Reporting Limits

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FAX # 210-658-7903

POLLUTION CONTROL SERVICES

Report of Sample Analysis

Client Information	Sample Information	Laboratory Information
Trish Soechting (WWTP) New Braunfels Utilities P.O. Box 310289 New Braunfels, TX 78131	Project Name: NK TCEQ Major Permit Renewal Sample ID: Effluent 10072534 Matrix: Non-Potable Water Date/Time Taken: 10/7/2025 0700	PCS Sample #: 818658 Page 1 of 1 Date/Time Received: 10/7/2025 10:42 Report Date: 10/23/2025 Approved by: Chuck Wallgren, President

Test Description	Result	Units	RL	Analysis Date/Time	Method	Analyst
Semi Volatiles 625	See Attached				ES	

Quality Statement: All supporting quality data adhered to data quality objectives and test results meet the requirements of NELAC unless otherwise noted as flagged exceptions or in a case narrative attachment. Reports with full quality data deliverables are available on request.

These analytical results relate only to the sample tested.
All data is reported on an 'As Is' basis unless designated as 'Dry Wt'.
RL = Reporting Limits

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POLLUTION CONTROL SERVICES

Chain of Custody Number
818645

MULTIPLE SAMPLE ANALYSIS REQUEST AND CHAIN OF CUSTODY FORM

Stamp 1st sample and COC as same number

CUSTOMER INFORMATION	REPORT INFORMATION		
Name: New Braunfels Utilities	Attention: Trish Soechting	Phone: (830) 608-8905	Fax: (830) 626-1361

SAMPLE INFORMATION

Project Information: North Kuehler TCEQ Major Permit Renewal

Report "Soils" ☐ As Is ☐ Dry Wt.

Collected By: Adrian Trejo

Requested Analysis / Instructions/Comments:

Matrix: DW-Drinking Water; NPW-Non-potable water; WW-Wastewater; LW-Liquid Waste

Client / Field Sample ID	Collected Date	Collected Time	Field Chlorine Residual mg/L	Composite or Grab	Matrix	Container Type	Container Number	Preservative	NO3N, SO4, Cl, F	Low Level Hg	NH3N, TKN	Metals	HexCr, TriCr	FOG	CN-A	VOC 624	PCS Sample Number
Effluent 10072535	Start: 10-6-25 End: 10-7-25	Start: 0700 End: 0700		☒ C ☐ G	☐ DW ☐ NPW ☒ WW ☐ Soil ☐ Sludge ☐ LW ☐ Other	☒ P ☐ G ☐ O	1	☐ H_2SO_4 ☐ HNO_3 ☐ H_3PO_4 ☐ NaOH ☒ ICE ☐	X								818645 ☐S ☐B ☐N ☐HEM Other:
Effluent 10072536	Start: 10-7-25 End:	Start: 0753 End:		☐ C ☒ G	☐ DW ☐ NPW ☒ WW ☐ Soil ☐ Sludge ☐ LW ☐ Other	☐ P ☒ G ☐ O	4	☐ H_2SO_4 ☐ HNO_3 ☐ H_3PO_4 ☐ NaOH ☒ ICE ☐		X							818646 ☐S ☐B ☐N ☐HEM Other:
Effluent 10072537	Start: 10-6-25 End: 10-7-25	Start: 0700 End: 0700		☒ C ☐ G	☐ DW ☐ NPW ☒ WW ☐ Soil ☐ Sludge ☐ LW ☐ Other	☒ P ☐ G ☐ O	1	☒ H_2SO_4 ☐ HNO_3 ☐ H_3PO_4 ☐ NaOH ☒ ICE ☐			X						818647 ☐S ☐B ☐N ☐HEM Other:
Effluent 10072538	Start: 10-6-25 End: 10-7-25	Start: 0700 End: 0700		☒ C ☐ G	☐ DW ☐ NPW ☒ WW ☐ Soil ☐ Sludge ☐ LW ☐ Other	☒ P ☐ G ☐ O	1	☐ H_2SO_4 ☒ HNO_3 ☐ H_3PO_4 ☐ NaOH ☒ ICE ☐				X					818648 ☐S ☐B ☐N ☐HEM Other:
Effluent 10072539	Start: 10-6-25 End: 10-7-25	Start: 0700 End: 0700		☒ C ☐ G	☐ DW ☐ NPW ☒ WW ☐ Soil ☐ Sludge ☐ LW ☐ Other	☒ P ☐ G ☐ O	1	☐ H_2SO_4 ☐ HNO_3 ☐ H_3PO_4 ☐ NaOH ☒ ICE ☐					X				818649 ☐S ☐B ☐N ☐HEM Other:
Effluent 10072540	Start: 10-7-25 End:	Start: 0755 End:		☐ C ☒ G	☐ DW ☐ NPW ☒ WW ☐ Soil ☐ Sludge ☐ LW ☐ Other	☐ P ☒ G ☐ O	1	☒ H_2SO_4 ☐ HNO_3 ☐ H_3PO_4 ☐ NaOH ☒ ICE ☐						X			818650 ☐S ☐B ☐N ☐HEM Other:
Effluent 10072541	Start: 10-7-25 End:	Start: 0758 End:		☐ C ☒ G	☐ DW ☐ NPW ☐ WW ☐ Soil ☐ Sludge ☐ LW ☐ Other	☒ P ☐ G ☐ O	1	☐ H_2SO_4 ☐ HNO_3 ☐ H_3PO_4 ☒ NaOH ☒ ICE ☐							X		818651 ☐S ☐B ☐N ☐HEM Other:
Effluent 10072542	Start: 10-7-25 End:	Start: 0800 End:		☐ C ☒ G	☐ DW ☐ NPW ☐ WW ☐ Soil ☐ Sludge ☐ LW ☐ Other	☐ P ☒ G ☐ O	3	☐ H_2SO_4 ☐ HNO_3 ☐ H_3PO_4 ☐ NaOH ☒ ICE ☐								X	818652 ☐S ☐B ☐N ☐HEM Other:

Required Turnaround: ☒ Routine (6-10 days) ***EXPEDITE:*** (See Surcharge Schedule) ☐ < 8 Hrs. ☐ < 16 Hrs. ☐ < 24 Hrs. ☐ 5 days ☐ Other: ________ ***Rush Charges Authorized by:***

Sample Archive/Disposal: ☐ Laboratory Standard ☐ Hold for client pick up **Container Type:** P = Plastic, G = Glass, O = Other Carrier ID: ________

Relinquished By:	Adrian Trejo	Date:	10-7-25	Time:	1042	Received By:	[illegible]	Date: 10-7-25	Time: 1042
Relinquished By:		Date:		Time:		Received By:		Date:	Time:

Rev. Multiple Sample COC 20120201

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POLLUTION CONTROL SERVICES

Chain of Custody Number **818653**

MULTIPLE SAMPLE ANALYSIS REQUEST AND CHAIN OF CUSTODY FORM

Stamp 1st sample and COC as same number

CUSTOMER INFORMATION	REPORT INFORMATION		
Name: New Braunfels Utilities	Attention: Trish Soechting	Phone: (830) 608-8905	Fax: (830) 626-1361

SAMPLE INFORMATION

Project Information: North Kuehler TCEQ Major Permit Renewal

Report "Soils" ☐ As Is ☐ Dry Wt.

Collected By: Adrian Trejo

Matrix: DW-Drinking Water; NPW-Non-potable water; WW-Wastewater; LW-Liquid Waste

Client / Field Sample ID	Collected Date	Collected Time	Field Chlorine Residual mg/L	Composite or Grab	Matrix	Container Type	Container Number	Preservative	Phenol 420.4	D7065 bisphenol/a	8081B, Pest 632	Herb 615	8015D	SVOC 625.1			Instructions/Comments: PCS Sample Number
Effluent 10072529	Start: 10-7-25 End:	Start: 0751 End:		☐ C ☒ G	☐ DW ☐ NPW ☒ WW ☐ Soil ☐ Sludge ☐ LW ☐ Other	☐P ☒G ☐O	1	☒ H_2SO_4 ☐ HNO_3 ☐ H_3PO_4 ☐ NaOH ☒ ICE ☐	X								818653 ☐S ☐B ☐N ☐HEM Other:
Effluent 10072530	Start: 10-6-25 End: 10-7-25	Start: 0700 End: 0700		☒ C ☐ G	☐ DW ☐ NPW ☐ WW ☐ Soil ☐ Sludge ☐ LW ☐ Other	☐P ☒G ☐O	2	☒ H_2SO_4 ☐ HNO_3 ☐ H_3PO_4 ☐ NaOH ☒ ICE ☐		X							818654 ☐S ☐B ☐N ☐HEM Other:
Effluent 10072531	Start: 10-6-25 End: 10-7-25	Start: 0700 End: 0700		☒ C ☐ G	☐ DW ☐ NPW ☒ WW ☐ Soil ☐ Sludge ☐ LW ☐ Other	☐P ☒G ☐O	2	☐ H_2SO_4 ☐ HNO_3 ☐ H_3PO_4 ☐ NaOH ☒ ICE ☐			X						818655 ☐S ☐B ☐N ☐HEM Other:
Effluent 10072532	Start: 10-6-25 End: 10-7-25	Start: 0700 End: 0700		☒ C ☐ G	☐ DW ☐ NPW ☒ WW ☐ Soil ☐ Sludge ☐ LW ☐ Other	☐P ☒G ☐O	4	☐ H_2SO_4 ☐ HNO_3 ☐ H_3PO_4 ☐ NaOH ☒ ICE ☐				X					818656 ☐S ☐B ☐N ☐HEM Other:
Effluent 10072533	Start: 10-6-25 End: 10-7-25	Start: 0700 End: 0700		☒ C ☐ G	☐ DW ☐ NPW ☒ WW ☐ Soil ☐ Sludge ☐ LW ☐ Other	☐P ☒G ☐O	3	☐ H_2SO_4 ☐ HNO_3 ☐ H_3PO_4 ☐ NaOH ☒ ICE ☐					X				818657 ☐S ☐B ☐N ☐HEM Other:
Effluent 10072534	Start: 10-6-25 End: 10-7-25	Start: 0700 End: 0700		☒ C ☐ G	☐ DW ☐ NPW ☒ WW ☐ Soil ☐ Sludge ☐ LW ☐ Other	☐P ☒G ☐O	2	☐ H_2SO_4 ☐ HNO_3 ☐ H_3PO_4 ☐ NaOH ☒ ICE ☐						X			818658 ☐S ☐B ☐N ☐HEM Other:
	Start: End:	Start: End:		☐ C ☐ G	☐ DW ☐ NPW ☐ WW ☐ Soil ☐ Sludge ☐ LW ☐ Other	☐P ☐G ☐O		☐ H_2SO_4 ☐ HNO_3 ☐ H_3PO_4 ☐ NaOH ☐ ICE ☐									☐S ☐B ☐N ☐HEM Other:
	Start: End:	Start: End:		☐ C ☐ G	☐ DW ☐ NPW ☐ WW ☐ Soil ☐ Sludge ☐ LW ☐ Other	☐P ☐G ☐O		☐ H_2SO_4 ☐ HNO_3 ☐ H_3PO_4 ☐ NaOH ☐ ICE ☐									☐S ☐B ☐N ☐HEM Other:

Required Turnaround: ☒ Routine (6-10 days) ***EXPEDITE:*** (See Surcharge Schedule) ☐ < 8 Hrs. ☐ < 16 Hrs. ☐ < 24 Hrs. ☐ 5 days ☐ Other: ________ ***Rush Charges Authorized by:***

Sample Archive/Disposal: ☐ Laboratory Standard ☐ Hold for client pick up **Container Type:** P = Plastic, G = Glass, O = Other Carrier ID:

Relinquished By:	Adrian Trejo	Date:	10-7-25	Time:	1042	Received By:	[illegible]	Date: 10-7-25	Time: 1042
Relinquished By:		Date:		Time:		Received By:		Date:	Time:

Rev. Multiple Sample COC 20120201

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Universal City, TX 78148 3318
Facsimilie 210 658 7903
210 340 0343

CHAIN OF CUSTODY & SUBCONTRACT TRACKING SHEET

TO Eurofins - Houston
4145 Greenbriar Dr
Stafford, TX 77477

Relinquished by Lauren Clay
Date/Time 10/7/2025 @ 1500
Received by Nunnor
Date/Time 10.7.25 915

PCS#	Date	Time	Analysis Requested	Pres	T A T
818651	10/07/2025	0758	Cyanide, Amenable	NaOH, Ice	Std
818652	10/07/2025	0800	Volatiles 624	Ice	Std
818653	10/07/2025	0751	Phenols	H_2SO_4 Ice	Std
818654	10/07/2025	0700	Bisphenol-A, Nonylphenol	H_2SO_4, Ice	Std
818655	10/07/2025	0700	Pesticides 8081	Ice	Std
818655		---	Pesticides 632	----	----
818656	10/07/2025	0700	Herbicides 615	Ice	Std
818657	10/07/2025	0700	Ethylene Glycol	Ice	Std
818658	10/07/2025	0700	Semi Volatiles 625	Ice	Std

Comments/Special Instructions Project # 86009134

Unless otherwise requested, send results and invoice to

Chuck Wallgren
Pollution Control Services
1532 Universal City Blvd, Suite 100
Universal City, TX 78148-3318

Authorized by Lauren Clay Date 10 7.25

T:\CoC\Subcontract\818651 docx

eurofins | Environment Testing

1

ANALYTICAL REPORT

PREPARED FOR

Attn: Chuck Wallgren
Pollution Control Services
1532 Universal City Blvd
Suite 100
Universal City, Texas 78148-3188

Generated 10/20/2025 6:53:12 PM

JOB DESCRIPTION

Effluent - Permits 10/7/25

JOB NUMBER

860-113565-1

Eurofins Houston

Job Notes

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

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

Authorization

Generated
10/20/2025 6:53:12 PM

Authorized for release by
Rebecca Galvan, Project Manager I
Rebecca.Galvan@et.eurofinsus.com
(361)289-2471

Table of Contents

Client: Pollution Control Services
Project/Site: Effluent - Permits 10/7/25

Job ID: 860-113565-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

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

Glossary

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

Job ID: 860-113565-1 Eurofins Houston

Job Narrative
860-113565-1

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

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

Receipt
The samples were received on 10/8/2025 9:15 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.3°C.

Receipt Exceptions
The following samples were received at the laboratory outside the required temperature criteria: #818651 (860-113565-1), #818652 (860-113565-2), #818653 (860-113565-3), #818654 (860-113565-4), #818655 (860-113565-5), #818656 (860-113565-6), #818657 (860-113565-7) and #818658 (860-113565-8). This does not meet regulatory requirements.

An Internal Chain-of-Custody (ICOC) was not received in Denver with these samples: #818651 (860-113565-1), #818652 (860-113565-2), #818653 (860-113565-3), #818654 (860-113565-4), #818655 (860-113565-5), #818656 (860-113565-6), #818657 (860-113565-7) and #818658 (860-113565-8).

A internal Chain-of-Custody (ICOC) was not received with these samples at Denver: #818651 (860-113565-1), #818652 (860-113565-2), #818653 (860-113565-3), #818654 (860-113565-4), #818655 (860-113565-5), #818656 (860-113565-6), #818657 (860-113565-7) and #818658 (860-113565-8).

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

GC/MS Semi VOA
Method 625.1: The continuing calibration verification (CCV) associated with batch 860-268654 recovered above the upper control limit for Hexachlorophene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 860-268654/8).

Method 625.1: The following sample was re-prepared outside of preparation holding time due to QC failed on first extraction: #818658 (860-113565-8).

Method 625.1: The laboratory control sample (LCS) for preparation batch 860-269342 and analytical batch 860-269609 recovered outside control limits for the following analytes: 1,2,4-Trichlorobenzene, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, bis (2-chloroisopropyl) ether, 2-Chloronaphthalene, Acenaphthene, Benzoic acid, Hexachlorobutadiene, Hexachloroethane, Naphthalene and N-Nitrosodi-n-propylamine. The associated sample(s) was re-prepared and/or re-analyzed outside holding time.

Method 625.1: The laboratory control sample and laboratory control sample duplicate (LCS/LCSD) for preparation batch 860-267968 and analytical batch 860-268654 recovered outside control limits for the following analytes: 1,2,4-Trichlorobenzene, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, bis (2-chloroisopropyl) ether, Benzoic acid, Hexachlorobutadiene and Naphthalene. The associated sample(s) was re-prepared and/or re-analyzed outside holding time.

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

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

Pesticides

Job ID: 860-113565-1 (Continued) — Eurofins Houston

Method 8081B: The continuing calibration verification (CCV) associated with 860-267419 recovered outside the control limits Dicofol on one column. Results are confirmed on both columns and reported from the passing column. The associated sample is: (CCV 860-267419/5).

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

HPLC/IC
Method 632: only received 240ml of sample

#818656 (860-113565-6)

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

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

Detection Summary

Client: Pollution Control Services
Project/Site: Effluent - Permits 10/7/25

Job ID: 860-113565-1

Client Sample ID: #818651 — Lab Sample ID: 860-113565-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Total	0.011		0.0050	0.0020	mg/L	1		Kelada 01	Total/NA

Client Sample ID: #818652 — Lab Sample ID: 860-113565-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bromodichloromethane	0.0073		0.0010	0.00055	mg/L	1		624.1	Total/NA
Chloroform	0.035		0.0010	0.00046	mg/L	1		624.1	Total/NA
Chlorodibromomethane	0.0018	J	0.0050	0.00055	mg/L	1		624.1	Total/NA
Trihalomethanes, Total	0.044		0.0050	0.00063	mg/L	1		624.1	Total/NA

Client Sample ID: #818653 — Lab Sample ID: 860-113565-3

No Detections.

Client Sample ID: #818654 — Lab Sample ID: 860-113565-4

No Detections.

Client Sample ID: #818655 — Lab Sample ID: 860-113565-5

No Detections.

Client Sample ID: #818656 — Lab Sample ID: 860-113565-6

No Detections.

Client Sample ID: #818657 — Lab Sample ID: 860-113565-7

No Detections.

Client Sample ID: #818658 — Lab Sample ID: 860-113565-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Phenol	0.0013	J	0.0045	0.00042	mg/L	1		625.1	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Pollution Control Services
Project/Site: Effluent - Permits 10/7/25

Job ID: 860-113565-1

Client Sample ID: #818651

Lab Sample ID: 860-113565-1
Matrix: Water

Date Collected: 10/07/25 07:58
Date Received: 10/08/25 09:15

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (EPA Kelada 01)	**0.011**		0.0050	0.0020	mg/L			10/11/25 00:25	1

Client Sample ID: #818652

Lab Sample ID: 860-113565-2
Matrix: Water

Date Collected: 10/07/25 08:00
Date Received: 10/08/25 09:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.0050	0.00059	mg/L			10/09/25 11:26	1
1,1,2,2-Tetrachloroethane	ND		0.0010	0.00047	mg/L			10/09/25 11:26	1
1,1,2-Trichloroethane	ND		0.0010	0.00041	mg/L			10/09/25 11:26	1
1,1-Dichloroethane	ND		0.0010	0.00064	mg/L			10/09/25 11:26	1
1,1-Dichlorethylene	ND		0.0010	0.00074	mg/L			10/09/25 11:26	1
1,2-Dibromoethane	ND		0.0050	0.0010	mg/L			10/09/25 11:26	1
1,2-Dichlorobenzene	ND		0.0010	0.00043	mg/L			10/09/25 11:26	1
1,2-Dichloroethane	ND		0.0010	0.00037	mg/L			10/09/25 11:26	1
1,2-Dichloropropane	ND		0.0050	0.00056	mg/L			10/09/25 11:26	1
1,3-Dichlorobenzene	ND		0.0010	0.00041	mg/L			10/09/25 11:26	1
1,3-Dichloropropane	ND		0.0050	0.00051	mg/L			10/09/25 11:26	1
1,4-Dichlorobenzene	ND		0.0010	0.00045	mg/L			10/09/25 11:26	1
Methyl ethyl ketone (MEK)	ND		0.050	0.0083	mg/L			10/09/25 11:26	1
2-Chloroethyl vinyl ether	ND		0.0050	0.00075	mg/L			10/09/25 11:26	1
Acrolein	ND		0.050	0.011	mg/L			10/09/25 11:26	1
Acrylonitrile	ND		0.050	0.014	mg/L			10/09/25 11:26	1
Benzene	ND		0.0010	0.00046	mg/L			10/09/25 11:26	1
Bromodichloromethane	**0.0073**		0.0010	0.00055	mg/L			10/09/25 11:26	1
Bromoform	ND		0.0050	0.00063	mg/L			10/09/25 11:26	1
Methyl bromide	ND		0.0050	0.0014	mg/L			10/09/25 11:26	1
Carbon tetrachloride	ND		0.0020	0.00090	mg/L			10/09/25 11:26	1
Chlorobenzene	ND		0.0010	0.00046	mg/L			10/09/25 11:26	1
Chloroethane	ND		0.010	0.0020	mg/L			10/09/25 11:26	1
Chloroform	**0.035**		0.0010	0.00046	mg/L			10/09/25 11:26	1
Chlorodibromomethane	**0.0018**	**J**	0.0050	0.00055	mg/L			10/09/25 11:26	1
Ethylbenzene	ND		0.0010	0.00039	mg/L			10/09/25 11:26	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0050	0.0014	mg/L			10/09/25 11:26	1
Methylene chloride	ND		0.0050	0.0017	mg/L			10/09/25 11:26	1
Tetrachloroethene	ND		0.0010	0.00066	mg/L			10/09/25 11:26	1
Toluene	ND		0.0010	0.00048	mg/L			10/09/25 11:26	1
Trichloroethylene	ND		0.0050	0.0015	mg/L			10/09/25 11:26	1
Trihalomethanes, Total	**0.044**		0.0050	0.00063	mg/L			10/09/25 11:26	1
Vinyl chloride	ND		0.0020	0.00043	mg/L			10/09/25 11:26	1
cis-1,3-Dichloropropene	ND		0.0050	0.0011	mg/L			10/09/25 11:26	1
trans-1,2-Dichloroethylene	ND		0.0010	0.00037	mg/L			10/09/25 11:26	1
trans-1,3-Dichloropropene	ND		0.0050	0.0013	mg/L			10/09/25 11:26	1
1,3-Dichloropropene, Total	ND		0.0050	0.0013	mg/L			10/09/25 11:26	1
Epichlorohydrin	ND		0.050	0.0075	mg/L			10/09/25 11:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*63 - 144*		*10/09/25 11:26*	*1*
4-Bromofluorobenzene (Surr)	*93*		*74 - 124*		*10/09/25 11:26*	*1*

Client Sample ID: #818652
Lab Sample ID: 860-113565-2
Date Collected: 10/07/25 08:00
Matrix: Water
Date Received: 10/08/25 09:15

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*104*		*75 - 131*		*10/09/25 11:26*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*10/09/25 11:26*	*1*

Client Sample ID: #818653
Lab Sample ID: 860-113565-3
Date Collected: 10/07/25 07:51
Matrix: Water
Date Received: 10/08/25 09:15

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	ND		0.010	0.0058	mg/L			10/11/25 15:40	1

Client Sample ID: #818654
Lab Sample ID: 860-113565-4
Date Collected: 10/07/25 07:00
Matrix: Water
Date Received: 10/08/25 09:15

Method: ASTM D7065-11 - Determination of Nonylphenols

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nonylphenol	ND		4.9	2.5	ug/L		10/14/25 15:55	10/15/25 21:21	1
Bisphenol-A	ND		2.0	0.99	ug/L		10/14/25 15:55	10/15/25 21:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-nonylphenol (Surr)	*74*		*58 - 115*	*10/14/25 15:55*	*10/15/25 21:21*	*1*

Client Sample ID: #818655
Lab Sample ID: 860-113565-5
Date Collected: 10/07/25 07:00
Matrix: Water
Date Received: 10/08/25 09:15

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.000051	0.000018	mg/L		10/08/25 16:43	10/09/25 12:01	1
4,4'-DDE	ND		0.000051	0.000016	mg/L		10/08/25 16:43	10/09/25 12:01	1
4,4'-DDT	ND		0.000051	0.000018	mg/L		10/08/25 16:43	10/09/25 12:01	1
Aldrin	ND		0.000051	0.000016	mg/L		10/08/25 16:43	10/09/25 12:01	1
alpha-BHC	ND		0.000051	0.000016	mg/L		10/08/25 16:43	10/09/25 12:01	1
alpha-Chlordane	ND		0.000051	0.000019	mg/L		10/08/25 16:43	10/09/25 12:01	1
beta-BHC	ND		0.000051	0.000018	mg/L		10/08/25 16:43	10/09/25 12:01	1
Chlorodane	ND		0.0010	0.00020	mg/L		10/08/25 16:43	10/09/25 12:01	1
delta-BHC	ND		0.000051	0.0000085	mg/L		10/08/25 16:43	10/09/25 12:01	1
Dieldrin	ND		0.000051	0.000018	mg/L		10/08/25 16:43	10/09/25 12:01	1
Endosulfan I	ND		0.000051	0.000019	mg/L		10/08/25 16:43	10/09/25 12:01	1
Endosulfan II	ND		0.000051	0.000018	mg/L		10/08/25 16:43	10/09/25 12:01	1
Endosulfan sulfate	ND		0.000051	0.000016	mg/L		10/08/25 16:43	10/09/25 12:01	1
Endrin	ND		0.000051	0.000017	mg/L		10/08/25 16:43	10/09/25 12:01	1
Endrin aldehyde	ND		0.000051	0.000017	mg/L		10/08/25 16:43	10/09/25 12:01	1
gamma-BHC (Lindane)	ND		0.000051	0.000017	mg/L		10/08/25 16:43	10/09/25 12:01	1
Heptachlor	ND		0.000051	0.000018	mg/L		10/08/25 16:43	10/09/25 12:01	1
Methoxychlor	ND		0.000051	0.000019	mg/L		10/08/25 16:43	10/09/25 12:01	1
Mirex	ND		0.00021	0.000026	mg/L		10/08/25 16:43	10/09/25 12:01	1
Toxaphene	ND		0.0010	0.00033	mg/L		10/08/25 16:43	10/09/25 12:01	1
Dicofol	ND		0.00051	0.000026	mg/L		10/08/25 16:43	10/09/25 12:01	1

Client Sample ID: #818655

Lab Sample ID: 860-113565-5

Date Collected: 10/07/25 07:00
Date Received: 10/08/25 09:15

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*57*		*28 - 94*	*10/08/25 16:43*	*10/09/25 12:01*	*1*
Tetrachloro-m-xylene	*75*		*52 - 134*	*10/08/25 16:43*	*10/09/25 12:01*	*1*

Client Sample ID: #818656

Lab Sample ID: 860-113565-6

Date Collected: 10/07/25 07:00
Date Received: 10/08/25 09:15

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbaryl	ND		21	7.7	ug/L		10/12/25 14:14	10/15/25 00:35	1
Diuron	ND		0.38	0.21	ug/L		10/12/25 14:14	10/15/25 00:35	1

Client Sample ID: #818657

Lab Sample ID: 860-113565-7

Date Collected: 10/07/25 07:00
Date Received: 10/08/25 09:15

Matrix: Water

Method: SW846 8015D - Glycols- Direct Injection (GC/FID)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene glycol	ND		5000	1200	ug/L			10/08/25 17:14	1

Client Sample ID: #818658

Lab Sample ID: 860-113565-8

Date Collected: 10/07/25 07:00
Date Received: 10/08/25 09:15

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND	*-	0.0050	0.0016	mg/L		10/12/25 12:40	10/16/25 16:27	1
1,2-Dichlorobenzene	ND	*-	0.010	0.0016	mg/L		10/12/25 12:40	10/16/25 16:27	1
1,3-Dichlorobenzene	ND	*-	0.010	0.0014	mg/L		10/12/25 12:40	10/16/25 16:27	1
1,4-Dichlorobenzene	ND		0.010	0.0016	mg/L		10/12/25 12:40	10/16/25 16:27	1
2,4,5-Trichlorophenol	ND		0.010	0.0020	mg/L		10/12/25 12:40	10/16/25 16:27	1
2,4,6-Trichlorophenol	ND		0.0050	0.0014	mg/L		10/12/25 12:40	10/16/25 16:27	1
2,4-Dichlorophenol	ND		0.0050	0.00031	mg/L		10/12/25 12:40	10/16/25 16:27	1
2,4-Dimethylphenol	ND		0.0050	0.00065	mg/L		10/12/25 12:40	10/16/25 16:27	1
2,4-Dinitrophenol	ND		0.010	0.0016	mg/L		10/12/25 12:40	10/16/25 16:27	1
2,4-Dinitrotoluene	ND		0.010	0.0013	mg/L		10/12/25 12:40	10/16/25 16:27	1
2,6-Dinitrotoluene	ND		0.0050	0.0016	mg/L		10/12/25 12:40	10/16/25 16:27	1
2-Chloronaphthalene	ND		0.0050	0.00046	mg/L		10/12/25 12:40	10/16/25 16:27	1
2-Chlorophenol	ND		0.0050	0.00065	mg/L		10/12/25 12:40	10/16/25 16:27	1
2-Methylnaphthalene	ND		0.010	0.0029	mg/L		10/12/25 12:40	10/16/25 16:27	1
2-Methylphenol	ND		0.010	0.0016	mg/L		10/12/25 12:40	10/16/25 16:27	1
2-Nitroaniline	ND		0.010	0.0020	mg/L		10/12/25 12:40	10/16/25 16:27	1
2-Nitrophenol	ND		0.010	0.0017	mg/L		10/12/25 12:40	10/16/25 16:27	1
3 & 4 Methylphenol	ND		0.010	0.0026	mg/L		10/12/25 12:40	10/16/25 16:27	1
3,3'-Dichlorobenzidine	ND		0.0050	0.00034	mg/L		10/12/25 12:40	10/16/25 16:27	1
3-Nitroaniline	ND		0.010	0.0023	mg/L		10/12/25 12:40	10/16/25 16:27	1
4,6-Dinitro-2-methylphenol	ND		0.010	0.0014	mg/L		10/12/25 12:40	10/16/25 16:27	1
4-Bromophenyl phenyl ether	ND		0.0050	0.00026	mg/L		10/12/25 12:40	10/16/25 16:27	1
4-Chloro-3-methylphenol	ND		0.0050	0.0016	mg/L		10/12/25 12:40	10/16/25 16:27	1
4-Chlorophenyl phenyl ether	ND		0.010	0.0013	mg/L		10/12/25 12:40	10/16/25 16:27	1
4-Nitroaniline	ND		0.010	0.00064	mg/L		10/12/25 12:40	10/16/25 16:27	1

Client: Pollution Control Services
Project/Site: Effluent - Permits 10/7/25

Job ID: 860-113565-1

Client Sample ID: #818658

Date Collected: 10/07/25 07:00
Date Received: 10/08/25 09:15

Lab Sample ID: 860-113565-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	ND		0.0072	0.0024	mg/L		10/12/25 12:40	10/16/25 16:27	1
Acenaphthene	ND		0.0057	0.0014	mg/L		10/12/25 12:40	10/16/25 16:27	1
Acenaphthylene	ND		0.010	0.0014	mg/L		10/12/25 12:40	10/16/25 16:27	1
Aniline (Phenylamine, Aminobenzene)	ND		0.010	0.00097	mg/L		10/12/25 12:40	10/16/25 16:27	1
Anthracene	ND		0.0057	0.0015	mg/L		10/12/25 12:40	10/16/25 16:27	1
Benzo[a]anthracene	ND		0.0050	0.00017	mg/L		10/12/25 12:40	10/16/25 16:27	1
Benzo[a]pyrene	ND		0.0050	0.00036	mg/L		10/12/25 12:40	10/16/25 16:27	1
Benzo[b]fluoranthene	ND		0.010	0.0020	mg/L		10/12/25 12:40	10/16/25 16:27	1
Benzo[g,h,i]perylene	ND		0.010	0.0027	mg/L		10/12/25 12:40	10/16/25 16:27	1
Benzo[k]fluoranthene	ND		0.0050	0.0050	mg/L		10/12/25 12:40	10/16/25 16:27	1
Benzoic acid	ND	*-	0.065	0.020	mg/L		10/12/25 12:40	10/16/25 16:27	1
Butyl benzyl phthalate	ND		0.0050	0.00034	mg/L		10/12/25 12:40	10/16/25 16:27	1
Bis(2-chloroethoxy)methane	ND		0.010	0.0018	mg/L		10/12/25 12:40	10/16/25 16:27	1
Bis(2-chloroethyl)ether	ND		0.010	0.0022	mg/L		10/12/25 12:40	10/16/25 16:27	1
bis (2-chloroisopropyl) ether	ND	*-	0.010	0.0018	mg/L		10/12/25 12:40	10/16/25 16:27	1
Bis(2-ethylhexyl) phthalate	ND		0.0050	0.00028	mg/L		10/12/25 12:40	10/16/25 16:27	1
Chrysene	ND		0.0050	0.00022	mg/L		10/12/25 12:40	10/16/25 16:27	1
Dibenz(a,h)anthracene	ND		0.0050	0.00025	mg/L		10/12/25 12:40	10/16/25 16:27	1
Dibenzofuran	ND		0.010	0.0012	mg/L		10/12/25 12:40	10/16/25 16:27	1
Diethyl phthalate	ND		0.0050	0.0016	mg/L		10/12/25 12:40	10/16/25 16:27	1
Dimethyl phthalate	ND		0.0025	0.0025	mg/L		10/12/25 12:40	10/16/25 16:27	1
Di-n-butyl phthalate	ND		0.0050	0.00025	mg/L		10/12/25 12:40	10/16/25 16:27	1
Di-n-octyl phthalate	ND		0.0050	0.00037	mg/L		10/12/25 12:40	10/16/25 16:27	1
Fluoranthene	ND		0.0050	0.0016	mg/L		10/12/25 12:40	10/16/25 16:27	1
Fluorene	ND		0.0050	0.0016	mg/L		10/12/25 12:40	10/16/25 16:27	1
Hexachlorobenzene	ND		0.0050	0.00031	mg/L		10/12/25 12:40	10/16/25 16:27	1
Hexachlorobutadiene	ND	*-	0.0010	0.0010	mg/L		10/12/25 12:40	10/16/25 16:27	1
Hexachlorocyclopentadiene	ND		0.010	0.010	mg/L		10/12/25 12:40	10/16/25 16:27	1
Hexachloroethane	ND		0.0048	0.00053	mg/L		10/12/25 12:40	10/16/25 16:27	1
Indeno[1,2,3-cd]pyrene	ND		0.010	0.0023	mg/L		10/12/25 12:40	10/16/25 16:27	1
Isophorone	ND		0.0050	0.0016	mg/L		10/12/25 12:40	10/16/25 16:27	1
Hexachlorophene	ND		0.10	0.010	mg/L		10/12/25 12:40	10/16/25 16:27	1
Naphthalene	ND	*-	0.0025	0.0025	mg/L		10/12/25 12:40	10/16/25 16:27	1
Nitrobenzene	ND		0.0050	0.0017	mg/L		10/12/25 12:40	10/16/25 16:27	1
N-Nitrosodi-n-propylamine	ND		0.010	0.0029	mg/L		10/12/25 12:40	10/16/25 16:27	1
N-Nitrosodiphenylamine	ND		0.010	0.0018	mg/L		10/12/25 12:40	10/16/25 16:27	1
Pentachlorophenol	ND		0.010	0.00023	mg/L		10/12/25 12:40	10/16/25 16:27	1
Phenanthrene	ND		0.010	0.0014	mg/L		10/12/25 12:40	10/16/25 16:27	1
Phenol	**0.0013**	J	0.0045	0.00042	mg/L		10/12/25 12:40	10/16/25 16:27	1
Pyrene	ND		0.0050	0.00018	mg/L		10/12/25 12:40	10/16/25 16:27	1
Pyridine	ND		0.010	0.010	mg/L		10/12/25 12:40	10/16/25 16:27	1
Bisphenol-A	ND		0.010	0.010	mg/L		10/12/25 12:40	10/16/25 16:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*84*		*31 - 132*	*10/12/25 12:40*	*10/16/25 16:27*	*1*
2-Fluorobiphenyl (Surr)	*59*		*29 - 112*	*10/12/25 12:40*	*10/16/25 16:27*	*1*
2-Fluorophenol (Surr)	*43*		*28 - 114*	*10/12/25 12:40*	*10/16/25 16:27*	*1*
Nitrobenzene-d5 (Surr)	*61*		*15 - 314*	*10/12/25 12:40*	*10/16/25 16:27*	*1*
p-Terphenyl-d14 (Surr)	*91*		*20 - 141*	*10/12/25 12:40*	*10/16/25 16:27*	*1*
Phenol-d5 (Surr)	*31*		*8 - 424*	*10/12/25 12:40*	*10/16/25 16:27*	*1*

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

Matrix: Water **Prep Type: Total/NA**

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCA (63-144)	BFB (74-124)	DBFM (75-131)	TOL (80-120)
860-113565-2	#818652	101	93	104	101
LCS 860-267392/3	Lab Control Sample	96	96	103	96
LCSD 860-267392/4	Lab Control Sample Dup	97	96	101	99
MB 860-267392/9	Method Blank	101	96	100	102

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

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

Matrix: Water **Prep Type: Total/NA**

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TBP (31-132)	FBP (29-112)	2FP (28-114)	NBZ (15-314)	TPHd14 (20-141)	PHL (8-424)
860-113565-8	#818658	84	59	43	61	91	31
LCS 860-267968/2-A	Lab Control Sample	98	67	63	69	92	65
LCSD 860-267968/3-A	Lab Control Sample Dup	94	68	64	68	87	67
MB 860-267968/1-A	Method Blank	91	78	72	78	99	72

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)
PHL = Phenol-d5 (Surr)

Method: D7065-11 - Determination of Nonylphenols

Matrix: Water **Prep Type: Total/NA**

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	4NPH (58-115)
860-113565-4	#818654	74
LCS 280-717604/2-A	Lab Control Sample	78
LCSD 280-717604/3-A	Lab Control Sample Dup	74
MB 280-717604/1-A	Method Blank	79

Surrogate Legend

4NPH = 4-nonylphenol (Surr)

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Water **Prep Type: Total/NA**

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCB2 (28-94)	TCX2 (52-134)
860-113565-5	#818655	57	75
LCS 860-267313/2-A	Lab Control Sample	67	85

Client: Pollution Control Services
Project/Site: Effluent - Permits 10/7/25

Job ID: 860-113565-1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCB2	TCX2
Lab Sample ID	Client Sample ID	(28-94)	(52-134)
LCSD 860-267313/3-A	Lab Control Sample Dup	71	87
MB 860-267313/1-A	Method Blank	64	82

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

TCX = Tetrachloro-m-xylene

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

Lab Sample ID: MB 860-267392/9
Matrix: Water
Analysis Batch: 267392

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.0050	0.00059	mg/L			10/09/25 11:05	1
1,1,2,2-Tetrachloroethane	ND		0.0010	0.00047	mg/L			10/09/25 11:05	1
1,1,2-Trichloroethane	ND		0.0010	0.00041	mg/L			10/09/25 11:05	1
1,1-Dichloroethane	ND		0.0010	0.00064	mg/L			10/09/25 11:05	1
1,1-Dichlorethylene	ND		0.0010	0.00074	mg/L			10/09/25 11:05	1
1,2-Dibromoethane	ND		0.0050	0.0010	mg/L			10/09/25 11:05	1
1,2-Dichlorobenzene	ND		0.0010	0.00043	mg/L			10/09/25 11:05	1
1,2-Dichloroethane	ND		0.0010	0.00037	mg/L			10/09/25 11:05	1
1,2-Dichloropropane	ND		0.0050	0.00056	mg/L			10/09/25 11:05	1
1,3-Dichlorobenzene	ND		0.0010	0.00041	mg/L			10/09/25 11:05	1
1,3-Dichloropropane	ND		0.0050	0.00051	mg/L			10/09/25 11:05	1
1,4-Dichlorobenzene	ND		0.0010	0.00045	mg/L			10/09/25 11:05	1
Methyl ethyl ketone (MEK)	ND		0.050	0.0083	mg/L			10/09/25 11:05	1
2-Chloroethyl vinyl ether	ND		0.0050	0.00075	mg/L			10/09/25 11:05	1
Acrolein	ND		0.050	0.011	mg/L			10/09/25 11:05	1
Acrylonitrile	ND		0.050	0.014	mg/L			10/09/25 11:05	1
Benzene	ND		0.0010	0.00046	mg/L			10/09/25 11:05	1
Bromodichloromethane	ND		0.0010	0.00055	mg/L			10/09/25 11:05	1
Bromoform	ND		0.0050	0.00063	mg/L			10/09/25 11:05	1
Methyl bromide	ND		0.0050	0.0014	mg/L			10/09/25 11:05	1
Carbon tetrachloride	ND		0.0020	0.00090	mg/L			10/09/25 11:05	1
Chlorobenzene	ND		0.0010	0.00046	mg/L			10/09/25 11:05	1
Chloroethane	ND		0.010	0.0020	mg/L			10/09/25 11:05	1
Chloroform	ND		0.0010	0.00046	mg/L			10/09/25 11:05	1
Chlorodibromomethane	ND		0.0050	0.00055	mg/L			10/09/25 11:05	1
Ethylbenzene	ND		0.0010	0.00039	mg/L			10/09/25 11:05	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0050	0.0014	mg/L			10/09/25 11:05	1
Methylene chloride	ND		0.0050	0.0017	mg/L			10/09/25 11:05	1
Tetrachloroethene	ND		0.0010	0.00066	mg/L			10/09/25 11:05	1
Toluene	ND		0.0010	0.00048	mg/L			10/09/25 11:05	1
Trichloroethylene	ND		0.0050	0.0015	mg/L			10/09/25 11:05	1
Trihalomethanes, Total	ND		0.0050	0.00063	mg/L			10/09/25 11:05	1
Vinyl chloride	ND		0.0020	0.00043	mg/L			10/09/25 11:05	1
cis-1,3-Dichloropropene	ND		0.0050	0.0011	mg/L			10/09/25 11:05	1
trans-1,2-Dichloroethylene	ND		0.0010	0.00037	mg/L			10/09/25 11:05	1
trans-1,3-Dichloropropene	ND		0.0050	0.0013	mg/L			10/09/25 11:05	1
1,3-Dichloropropene, Total	ND		0.0050	0.0013	mg/L			10/09/25 11:05	1
Epichlorohydrin	ND		0.050	0.0075	mg/L			10/09/25 11:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*63 - 144*		*10/09/25 11:05*	*1*
4-Bromofluorobenzene (Surr)	*96*		*74 - 124*		*10/09/25 11:05*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 131*		*10/09/25 11:05*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*10/09/25 11:05*	*1*

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

Lab Sample ID: LCS 860-267392/3
Matrix: Water
Analysis Batch: 267392

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0500	0.0494		mg/L		99	70 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.0441		mg/L		88	70 - 130
1,1,2-Trichloroethane	0.0500	0.0452		mg/L		90	70 - 130
1,1-Dichloroethane	0.0500	0.0486		mg/L		97	70 - 130
1,1-Dichlorethylene	0.0500	0.0458		mg/L		92	67 - 130
1,2-Dibromoethane	0.0500	0.0465		mg/L		93	70 - 130
1,2-Dichlorobenzene	0.0500	0.0448		mg/L		90	70 - 130
1,2-Dichloroethane	0.0500	0.0467		mg/L		93	70 - 130
1,2-Dichloropropane	0.0500	0.0483		mg/L		97	70 - 130
1,3-Dichlorobenzene	0.0500	0.0444		mg/L		89	70 - 130
1,3-Dichloropropane	0.0500	0.0451		mg/L		90	70 - 130
1,4-Dichlorobenzene	0.0500	0.0444		mg/L		89	70 - 130
Methyl ethyl ketone (MEK)	0.250	0.242		mg/L		97	67 - 140
2-Chloroethyl vinyl ether	0.0500	0.0533		mg/L		107	70 - 130
Acrolein	0.250	0.236		mg/L		94	60 - 140
Acrylonitrile	0.500	0.464		mg/L		93	60 - 140
Benzene	0.0500	0.0466		mg/L		93	70 - 130
Bromodichloromethane	0.0500	0.0474		mg/L		95	65 - 135
Bromoform	0.0500	0.0464		mg/L		93	70 - 130
Methyl bromide	0.0500	0.0445		mg/L		89	49 - 140
Carbon tetrachloride	0.0500	0.0492		mg/L		98	70 - 130
Chlorobenzene	0.0500	0.0466		mg/L		93	65 - 135
Chloroethane	0.0500	0.0459		mg/L		92	60 - 140
Chloroform	0.0500	0.0486		mg/L		97	70 - 130
Chlorodibromomethane	0.0500	0.0462		mg/L		92	70 - 130
Ethylbenzene	0.0500	0.0460		mg/L		92	70 - 130
Methyl-t-Butyl Ether (MTBE)	0.0500	0.0472		mg/L		94	70 - 135
Methylene chloride	0.0500	0.0424		mg/L		85	71 - 125
Tetrachloroethene	0.0500	0.0474		mg/L		95	70 - 130
Toluene	0.0500	0.0471		mg/L		94	70 - 130
Trichloroethylene	0.0500	0.0463		mg/L		93	70 - 135
Vinyl chloride	0.0500	0.0449		mg/L		90	60 - 140
cis-1,3-Dichloropropene	0.0500	0.0480		mg/L		96	70 - 130
trans-1,2-Dichloroethylene	0.0500	0.0467		mg/L		93	70 - 130
trans-1,3-Dichloropropene	0.0500	0.0471		mg/L		94	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*63 - 144*
4-Bromofluorobenzene (Surr)	*96*		*74 - 124*
Dibromofluoromethane (Surr)	*103*		*75 - 131*
Toluene-d8 (Surr)	*96*		*80 - 120*

Lab Sample ID: LCSD 860-267392/4
Matrix: Water
Analysis Batch: 267392

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0500	0.0514		mg/L		103	70 - 130	4	25

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

Lab Sample ID: LCSD 860-267392/4 | **Client Sample ID: Lab Control Sample Dup**
Matrix: Water | **Prep Type: Total/NA**
Analysis Batch: 267392

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2,2-Tetrachloroethane	0.0500	0.0523		mg/L		105	70 - 130	17	25
1,1,2-Trichloroethane	0.0500	0.0498		mg/L		100	70 - 130	10	25
1,1-Dichloroethane	0.0500	0.0486		mg/L		97	70 - 130	0	25
1,1-Dichlorethylene	0.0500	0.0499		mg/L		100	67 - 130	9	25
1,2-Dibromoethane	0.0500	0.0525		mg/L		105	70 - 130	12	25
1,2-Dichlorobenzene	0.0500	0.0526		mg/L		105	70 - 130	16	25
1,2-Dichloroethane	0.0500	0.0506		mg/L		101	70 - 130	8	25
1,2-Dichloropropane	0.0500	0.0514		mg/L		103	70 - 130	6	25
1,3-Dichlorobenzene	0.0500	0.0522		mg/L		104	70 - 130	16	25
1,3-Dichloropropane	0.0500	0.0503		mg/L		101	70 - 130	11	25
1,4-Dichlorobenzene	0.0500	0.0513		mg/L		103	70 - 130	14	25
Methyl ethyl ketone (MEK)	0.250	0.271		mg/L		109	67 - 140	11	25
2-Chloroethyl vinyl ether	0.0500	0.0585		mg/L		117	70 - 130	9	25
Acrolein	0.250	0.280		mg/L		112	60 - 140	17	25
Acrylonitrile	0.500	0.513		mg/L		103	60 - 140	10	25
Benzene	0.0500	0.0496		mg/L		99	70 - 130	6	25
Bromodichloromethane	0.0500	0.0495		mg/L		99	65 - 135	4	25
Bromoform	0.0500	0.0521		mg/L		104	70 - 130	12	25
Methyl bromide	0.0500	0.0446		mg/L		89	49 - 140	0	25
Carbon tetrachloride	0.0500	0.0519		mg/L		104	70 - 130	5	25
Chlorobenzene	0.0500	0.0519		mg/L		104	65 - 135	11	25
Chloroethane	0.0500	0.0458		mg/L		92	60 - 140	0	25
Chloroform	0.0500	0.0501		mg/L		100	70 - 130	3	25
Chlorodibromomethane	0.0500	0.0517		mg/L		103	70 - 130	11	25
Ethylbenzene	0.0500	0.0508		mg/L		102	70 - 130	10	25
Methyl-t-Butyl Ether (MTBE)	0.0500	0.0496		mg/L		99	70 - 135	5	25
Methylene chloride	0.0500	0.0465		mg/L		93	71 - 125	9	25
Tetrachloroethene	0.0500	0.0522		mg/L		104	70 - 130	10	25
Toluene	0.0500	0.0510		mg/L		102	70 - 130	8	25
Trichloroethylene	0.0500	0.0494		mg/L		99	70 - 135	6	25
Vinyl chloride	0.0500	0.0459		mg/L		92	60 - 140	2	25
cis-1,3-Dichloropropene	0.0500	0.0511		mg/L		102	70 - 130	6	25
trans-1,2-Dichloroethylene	0.0500	0.0500		mg/L		100	70 - 130	7	25
trans-1,3-Dichloropropene	0.0500	0.0513		mg/L		103	70 - 130	8	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*63 - 144*
4-Bromofluorobenzene (Surr)	*96*		*74 - 124*
Dibromofluoromethane (Surr)	*101*		*75 - 131*
Toluene-d8 (Surr)	*99*		*80 - 120*

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

Lab Sample ID: MB 860-267968/1-A | **Client Sample ID: Method Blank**
Matrix: Water | **Prep Type: Total/NA**
Analysis Batch: 268654 | **Prep Batch: 267968**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.0050	0.0016	mg/L		10/12/25 12:40	10/15/25 12:01	1

Client: Pollution Control Services
Project/Site: Effluent - Permits 10/7/25

Job ID: 860-113565-1

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

Lab Sample ID: MB 860-267968/1-A
Matrix: Water
Analysis Batch: 268654

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 267968

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		0.010	0.0016	mg/L		10/12/25 12:40	10/15/25 12:01	1
1,3-Dichlorobenzene	ND		0.010	0.0014	mg/L		10/12/25 12:40	10/15/25 12:01	1
1,4-Dichlorobenzene	ND		0.010	0.0016	mg/L		10/12/25 12:40	10/15/25 12:01	1
2,4,5-Trichlorophenol	ND		0.010	0.0020	mg/L		10/12/25 12:40	10/15/25 12:01	1
2,4,6-Trichlorophenol	ND		0.0050	0.0014	mg/L		10/12/25 12:40	10/15/25 12:01	1
2,4-Dichlorophenol	ND		0.0050	0.00031	mg/L		10/12/25 12:40	10/15/25 12:01	1
2,4-Dimethylphenol	ND		0.0050	0.00065	mg/L		10/12/25 12:40	10/15/25 12:01	1
2,4-Dinitrophenol	ND		0.010	0.0016	mg/L		10/12/25 12:40	10/15/25 12:01	1
2,4-Dinitrotoluene	ND		0.010	0.0013	mg/L		10/12/25 12:40	10/15/25 12:01	1
2,6-Dinitrotoluene	ND		0.0050	0.0016	mg/L		10/12/25 12:40	10/15/25 12:01	1
2-Chloronaphthalene	ND		0.0050	0.00046	mg/L		10/12/25 12:40	10/15/25 12:01	1
2-Chlorophenol	ND		0.0050	0.00065	mg/L		10/12/25 12:40	10/15/25 12:01	1
2-Methylnaphthalene	ND		0.010	0.0029	mg/L		10/12/25 12:40	10/15/25 12:01	1
2-Methylphenol	ND		0.010	0.0016	mg/L		10/12/25 12:40	10/15/25 12:01	1
2-Nitroaniline	ND		0.010	0.0020	mg/L		10/12/25 12:40	10/15/25 12:01	1
2-Nitrophenol	ND		0.010	0.0017	mg/L		10/12/25 12:40	10/15/25 12:01	1
3 & 4 Methylphenol	ND		0.010	0.0026	mg/L		10/12/25 12:40	10/15/25 12:01	1
3,3'-Dichlorobenzidine	ND		0.0050	0.00034	mg/L		10/12/25 12:40	10/15/25 12:01	1
3-Nitroaniline	ND		0.010	0.0023	mg/L		10/12/25 12:40	10/15/25 12:01	1
4,6-Dinitro-2-methylphenol	ND		0.010	0.0014	mg/L		10/12/25 12:40	10/15/25 12:01	1
4-Bromophenyl phenyl ether	ND		0.0050	0.00026	mg/L		10/12/25 12:40	10/15/25 12:01	1
4-Chloro-3-methylphenol	ND		0.0050	0.0016	mg/L		10/12/25 12:40	10/15/25 12:01	1
4-Chlorophenyl phenyl ether	ND		0.010	0.0013	mg/L		10/12/25 12:40	10/15/25 12:01	1
4-Nitroaniline	ND		0.010	0.00064	mg/L		10/12/25 12:40	10/15/25 12:01	1
4-Nitrophenol	ND		0.0072	0.0024	mg/L		10/12/25 12:40	10/15/25 12:01	1
Acenaphthene	ND		0.0057	0.0014	mg/L		10/12/25 12:40	10/15/25 12:01	1
Acenaphthylene	ND		0.010	0.0014	mg/L		10/12/25 12:40	10/15/25 12:01	1
Aniline (Phenylamine, Aminobenzene)	ND		0.010	0.00097	mg/L		10/12/25 12:40	10/15/25 12:01	1
Anthracene	ND		0.0057	0.0015	mg/L		10/12/25 12:40	10/15/25 12:01	1
Benzo[a]anthracene	ND		0.0050	0.00017	mg/L		10/12/25 12:40	10/15/25 12:01	1
Benzo[a]pyrene	ND		0.0050	0.00036	mg/L		10/12/25 12:40	10/15/25 12:01	1
Benzo[b]fluoranthene	ND		0.010	0.0020	mg/L		10/12/25 12:40	10/15/25 12:01	1
Benzo[g,h,i]perylene	ND		0.010	0.0027	mg/L		10/12/25 12:40	10/15/25 12:01	1
Benzo[k]fluoranthene	ND		0.0050	0.0050	mg/L		10/12/25 12:40	10/15/25 12:01	1
Benzoic acid	ND		0.065	0.020	mg/L		10/12/25 12:40	10/15/25 12:01	1
Butyl benzyl phthalate	ND		0.0050	0.00034	mg/L		10/12/25 12:40	10/15/25 12:01	1
Bis(2-chloroethoxy)methane	ND		0.010	0.0018	mg/L		10/12/25 12:40	10/15/25 12:01	1
Bis(2-chloroethyl)ether	ND		0.010	0.0022	mg/L		10/12/25 12:40	10/15/25 12:01	1
bis (2-chloroisopropyl) ether	ND		0.010	0.0018	mg/L		10/12/25 12:40	10/15/25 12:01	1
Bis(2-ethylhexyl) phthalate	ND		0.0050	0.00028	mg/L		10/12/25 12:40	10/15/25 12:01	1
Chrysene	ND		0.0050	0.00022	mg/L		10/12/25 12:40	10/15/25 12:01	1
Dibenz(a,h)anthracene	ND		0.0050	0.00025	mg/L		10/12/25 12:40	10/15/25 12:01	1
Dibenzofuran	ND		0.010	0.0012	mg/L		10/12/25 12:40	10/15/25 12:01	1
Diethyl phthalate	ND		0.0050	0.0016	mg/L		10/12/25 12:40	10/15/25 12:01	1
Dimethyl phthalate	ND		0.0025	0.0025	mg/L		10/12/25 12:40	10/15/25 12:01	1
Di-n-butyl phthalate	ND		0.0050	0.00025	mg/L		10/12/25 12:40	10/15/25 12:01	1
Di-n-octyl phthalate	ND		0.0050	0.00037	mg/L		10/12/25 12:40	10/15/25 12:01	1
Fluoranthene	ND		0.0050	0.0016	mg/L		10/12/25 12:40	10/15/25 12:01	1
Fluorene	ND		0.0050	0.0016	mg/L		10/12/25 12:40	10/15/25 12:01	1

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

Lab Sample ID: MB 860-267968/1-A
Matrix: Water
Analysis Batch: 268654

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 267968

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	ND		0.0050	0.00031	mg/L		10/12/25 12:40	10/15/25 12:01	1
Hexachlorobutadiene	ND		0.0010	0.0010	mg/L		10/12/25 12:40	10/15/25 12:01	1
Hexachlorocyclopentadiene	ND		0.010	0.010	mg/L		10/12/25 12:40	10/15/25 12:01	1
Hexachloroethane	ND		0.0048	0.00053	mg/L		10/12/25 12:40	10/15/25 12:01	1
Indeno[1,2,3-cd]pyrene	ND		0.010	0.0023	mg/L		10/12/25 12:40	10/15/25 12:01	1
Isophorone	ND		0.0050	0.0016	mg/L		10/12/25 12:40	10/15/25 12:01	1
Hexachlorophene	ND		0.10	0.010	mg/L		10/12/25 12:40	10/15/25 12:01	1
Naphthalene	ND		0.0025	0.0025	mg/L		10/12/25 12:40	10/15/25 12:01	1
Nitrobenzene	ND		0.0050	0.0017	mg/L		10/12/25 12:40	10/15/25 12:01	1
N-Nitrosodi-n-propylamine	ND		0.010	0.0029	mg/L		10/12/25 12:40	10/15/25 12:01	1
N-Nitrosodiphenylamine	ND		0.010	0.0018	mg/L		10/12/25 12:40	10/15/25 12:01	1
Pentachlorophenol	ND		0.010	0.00023	mg/L		10/12/25 12:40	10/15/25 12:01	1
Phenanthrene	ND		0.010	0.0014	mg/L		10/12/25 12:40	10/15/25 12:01	1
Phenol	ND		0.0045	0.00042	mg/L		10/12/25 12:40	10/15/25 12:01	1
Pyrene	ND		0.0050	0.00018	mg/L		10/12/25 12:40	10/15/25 12:01	1
Pyridine	ND		0.010	0.010	mg/L		10/12/25 12:40	10/15/25 12:01	1
Bisphenol-A	ND		0.010	0.010	mg/L		10/12/25 12:40	10/15/25 12:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*91*		*31 - 132*	*10/12/25 12:40*	*10/15/25 12:01*	*1*
2-Fluorobiphenyl (Surr)	*78*		*29 - 112*	*10/12/25 12:40*	*10/15/25 12:01*	*1*
2-Fluorophenol (Surr)	*72*		*28 - 114*	*10/12/25 12:40*	*10/15/25 12:01*	*1*
Nitrobenzene-d5 (Surr)	*78*		*15 - 314*	*10/12/25 12:40*	*10/15/25 12:01*	*1*
p-Terphenyl-d14 (Surr)	*99*		*20 - 141*	*10/12/25 12:40*	*10/15/25 12:01*	*1*
Phenol-d5 (Surr)	*72*		*8 - 424*	*10/12/25 12:40*	*10/15/25 12:01*	*1*

Lab Sample ID: LCS 860-267968/2-A
Matrix: Water
Analysis Batch: 268654

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 267968

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	0.0400	0.0241	*-	mg/L		60	61 - 130
1,2-Dichlorobenzene	0.0400	0.0226	*-	mg/L		56	60 - 140
1,3-Dichlorobenzene	0.0400	0.0223	*-	mg/L		56	60 - 140
1,4-Dichlorobenzene	0.0400	0.0222		mg/L		56	19 - 121
2,4,5-Trichlorophenol	0.0400	0.0334		mg/L		83	35 - 111
2,4,6-Trichlorophenol	0.0400	0.0315		mg/L		79	69 - 130
2,4-Dichlorophenol	0.0400	0.0288		mg/L		72	64 - 130
2,4-Dimethylphenol	0.0400	0.0287		mg/L		72	58 - 130
2,4-Dinitrophenol	0.0400	0.0331		mg/L		83	39 - 173
2,4-Dinitrotoluene	0.0400	0.0361		mg/L		90	53 - 130
2,6-Dinitrotoluene	0.0400	0.0366		mg/L		91	68 - 137
2-Chloronaphthalene	0.0400	0.0279		mg/L		70	70 - 130
2-Chlorophenol	0.0400	0.0254		mg/L		64	55 - 130
2-Methylnaphthalene	0.0400	0.0258		mg/L		65	25 - 175
2-Methylphenol	0.0400	0.0261		mg/L		65	14 - 176
2-Nitroaniline	0.0400	0.0319		mg/L		80	34 - 121
2-Nitrophenol	0.0400	0.0278		mg/L		70	61 - 163

Client: Pollution Control Services
Project/Site: Effluent - Permits 10/7/25

Job ID: 860-113565-1

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

Lab Sample ID: LCS 860-267968/2-A
Matrix: Water
Analysis Batch: 268654

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 267968

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
3 & 4 Methylphenol	0.0400	0.0247		mg/L		62	14 - 176
3,3'-Dichlorobenzidine	0.0400	0.0365		mg/L		91	18 - 213
3-Nitroaniline	0.0400	0.0367		mg/L		92	65 - 135
4,6-Dinitro-2-methylphenol	0.0400	0.0367		mg/L		92	56 - 130
4-Bromophenyl phenyl ether	0.0400	0.0330		mg/L		82	70 - 130
4-Chloro-3-methylphenol	0.0400	0.0341		mg/L		85	68 - 130
4-Chlorophenyl phenyl ether	0.0400	0.0309		mg/L		77	57 - 145
4-Nitroaniline	0.0400	0.0367		mg/L		92	65 - 135
4-Nitrophenol	0.0400	0.0400		mg/L		100	35 - 130
Acenaphthene	0.0400	0.0291		mg/L		73	70 - 130
Acenaphthylene	0.0400	0.0313		mg/L		78	60 - 130
Aniline (Phenylamine, Aminobenzene)	0.0400	0.0228		mg/L		57	5 - 115
Anthracene	0.0400	0.0371		mg/L		93	58 - 130
Benzo[a]anthracene	0.0400	0.0383		mg/L		96	42 - 133
Benzo[a]pyrene	0.0400	0.0401		mg/L		100	32 - 148
Benzo[b]fluoranthene	0.0400	0.0400		mg/L		100	42 - 140
Benzo[g,h,i]perylene	0.0400	0.0383		mg/L		96	13 - 195
Benzo[k]fluoranthene	0.0400	0.0366		mg/L		92	25 - 146
Benzoic acid	0.120	ND	*-	mg/L		5	30 - 115
Butyl benzyl phthalate	0.0400	0.0409		mg/L		102	43 - 140
Bis(2-chloroethoxy)methane	0.0400	0.0251		mg/L		63	52 - 164
Bis(2-chloroethyl)ether	0.0400	0.0244		mg/L		61	52 - 130
bis (2-chloroisopropyl) ether	0.0400	0.0232	*-	mg/L		58	63 - 139
Bis(2-ethylhexyl) phthalate	0.0400	0.0381		mg/L		95	43 - 137
Chrysene	0.0400	0.0382		mg/L		95	44 - 140
Dibenz(a,h)anthracene	0.0400	0.0404		mg/L		101	13 - 200
Dibenzofuran	0.0400	0.0304		mg/L		76	52 - 125
Diethyl phthalate	0.0400	0.0372		mg/L		93	47 - 130
Dimethyl phthalate	0.0400	0.0342		mg/L		86	50 - 130
Di-n-butyl phthalate	0.0400	0.0421		mg/L		105	52 - 130
Di-n-octyl phthalate	0.0400	0.0364		mg/L		91	21 - 132
Fluoranthene	0.0400	0.0389		mg/L		97	47 - 130
Fluorene	0.0400	0.0322		mg/L		80	70 - 130
Hexachlorobenzene	0.0400	0.0334		mg/L		84	38 - 142
Hexachlorobutadiene	0.0400	0.0240	*-	mg/L		60	68 - 130
Hexachlorocyclopentadiene	0.0400	0.0284		mg/L		71	41 - 125
Hexachloroethane	0.0400	0.0227		mg/L		57	55 - 130
Indeno[1,2,3-cd]pyrene	0.0400	0.0407		mg/L		102	13 - 151
Isophorone	0.0400	0.0281		mg/L		70	52 - 180
Naphthalene	0.0400	0.0249	*-	mg/L		62	70 - 130
Nitrobenzene	0.0400	0.0267		mg/L		67	54 - 158
N-Nitrosodi-n-propylamine	0.0400	0.0255		mg/L		64	59 - 170
N-Nitrosodiphenylamine	0.0400	0.0353		mg/L		88	2 - 196
Pentachlorophenol	0.0400	0.0332		mg/L		83	42 - 152
Phenanthrene	0.0400	0.0351		mg/L		88	67 - 130
Phenol	0.0400	0.0265		mg/L		66	48 - 130
Pyrene	0.0400	0.0374		mg/L		94	70 - 130
Pyridine	0.0800	0.0442		mg/L		55	5 - 94

Client: Pollution Control Services
Project/Site: Effluent - Permits 10/7/25

Job ID: 860-113565-1

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

Lab Sample ID: LCS 860-267968/2-A
Matrix: Water
Analysis Batch: 268654

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 267968

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bisphenol-A	0.0400	0.0368		mg/L		92	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*98*		*31 - 132*
2-Fluorobiphenyl (Surr)	*67*		*29 - 112*
2-Fluorophenol (Surr)	*63*		*28 - 114*
Nitrobenzene-d5 (Surr)	*69*		*15 - 314*
p-Terphenyl-d14 (Surr)	*92*		*20 - 141*
Phenol-d5 (Surr)	*65*		*8 - 424*

Lab Sample ID: LCSD 860-267968/3-A
Matrix: Water
Analysis Batch: 268654

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 267968

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	0.0400	0.0236	*-	mg/L		59	61 - 130	2	30
1,2-Dichlorobenzene	0.0400	0.0227	*-	mg/L		57	60 - 140	1	30
1,3-Dichlorobenzene	0.0400	0.0220	*-	mg/L		55	60 - 140	1	30
1,4-Dichlorobenzene	0.0400	0.0221		mg/L		55	19 - 121	1	30
2,4,5-Trichlorophenol	0.0400	0.0324		mg/L		81	35 - 111	3	30
2,4,6-Trichlorophenol	0.0400	0.0309		mg/L		77	69 - 130	2	30
2,4-Dichlorophenol	0.0400	0.0293		mg/L		73	64 - 130	2	30
2,4-Dimethylphenol	0.0400	0.0285		mg/L		71	58 - 130	0	30
2,4-Dinitrophenol	0.0400	0.0335		mg/L		84	39 - 173	1	30
2,4-Dinitrotoluene	0.0400	0.0347		mg/L		87	53 - 130	4	25
2,6-Dinitrotoluene	0.0400	0.0346		mg/L		86	68 - 137	6	29
2-Chloronaphthalene	0.0400	0.0282		mg/L		71	70 - 130	1	15
2-Chlorophenol	0.0400	0.0250		mg/L		62	55 - 130	2	30
2-Methylnaphthalene	0.0400	0.0260		mg/L		65	25 - 175	1	30
2-Methylphenol	0.0400	0.0269		mg/L		67	14 - 176	3	30
2-Nitroaniline	0.0400	0.0308		mg/L		77	34 - 121	3	30
2-Nitrophenol	0.0400	0.0282		mg/L		70	61 - 163	1	30
3 & 4 Methylphenol	0.0400	0.0255		mg/L		64	14 - 176	3	30
3,3'-Dichlorobenzidine	0.0400	0.0362		mg/L		90	18 - 213	1	30
3-Nitroaniline	0.0400	0.0367		mg/L		92	65 - 135	0	30
4,6-Dinitro-2-methylphenol	0.0400	0.0359		mg/L		90	56 - 130	2	30
4-Bromophenyl phenyl ether	0.0400	0.0320		mg/L		80	70 - 130	3	26
4-Chloro-3-methylphenol	0.0400	0.0328		mg/L		82	68 - 130	4	30
4-Chlorophenyl phenyl ether	0.0400	0.0296		mg/L		74	57 - 145	4	30
4-Nitroaniline	0.0400	0.0351		mg/L		88	65 - 135	4	30
4-Nitrophenol	0.0400	0.0383		mg/L		96	35 - 130	4	30
Acenaphthene	0.0400	0.0286		mg/L		72	70 - 130	1	29
Acenaphthylene	0.0400	0.0307		mg/L		77	60 - 130	2	30
Aniline (Phenylamine, Aminobenzene)	0.0400	0.0238		mg/L		59	5 - 115	4	30
Anthracene	0.0400	0.0357		mg/L		89	58 - 130	4	30
Benzo[a]anthracene	0.0400	0.0361		mg/L		90	42 - 133	6	30
Benzo[a]pyrene	0.0400	0.0385		mg/L		96	32 - 148	4	30
Benzo[b]fluoranthene	0.0400	0.0354		mg/L		88	42 - 140	12	30

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

Lab Sample ID: LCSD 860-267968/3-A
Matrix: Water
Analysis Batch: 268654

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 267968

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzo[g,h,i]perylene	0.0400	0.0363		mg/L		91	13 - 195	5	30
Benzo[k]fluoranthene	0.0400	0.0387		mg/L		97	25 - 146	5	30
Benzoic acid	0.120	ND	*-	mg/L		4	30 - 115	23	30
Butyl benzyl phthalate	0.0400	0.0388		mg/L		97	43 - 140	5	30
Bis(2-chloroethoxy)methane	0.0400	0.0254		mg/L		63	52 - 164	1	30
Bis(2-chloroethyl)ether	0.0400	0.0241		mg/L		60	52 - 130	1	30
bis (2-chloroisopropyl) ether	0.0400	0.0235	*-	mg/L		59	63 - 139	1	30
Bis(2-ethylhexyl) phthalate	0.0400	0.0366		mg/L		91	43 - 137	4	30
Chrysene	0.0400	0.0352		mg/L		88	44 - 140	8	30
Dibenz(a,h)anthracene	0.0400	0.0390		mg/L		98	13 - 200	3	30
Dibenzofuran	0.0400	0.0290		mg/L		72	52 - 125	5	30
Diethyl phthalate	0.0400	0.0360		mg/L		90	47 - 130	3	30
Dimethyl phthalate	0.0400	0.0327		mg/L		82	50 - 130	4	30
Di-n-butyl phthalate	0.0400	0.0400		mg/L		100	52 - 130	5	28
Di-n-octyl phthalate	0.0400	0.0346		mg/L		86	21 - 132	5	30
Fluoranthene	0.0400	0.0374		mg/L		94	47 - 130	4	30
Fluorene	0.0400	0.0315		mg/L		79	70 - 130	2	23
Hexachlorobenzene	0.0400	0.0326		mg/L		82	38 - 142	2	30
Hexachlorobutadiene	0.0400	0.0238	*-	mg/L		60	68 - 130	1	30
Hexachlorocyclopentadiene	0.0400	0.0278		mg/L		69	41 - 125	2	30
Hexachloroethane	0.0400	0.0230		mg/L		57	55 - 130	1	30
Indeno[1,2,3-cd]pyrene	0.0400	0.0388		mg/L		97	13 - 151	5	30
Isophorone	0.0400	0.0282		mg/L		71	52 - 180	1	30
Naphthalene	0.0400	0.0245	*-	mg/L		61	70 - 130	2	30
Nitrobenzene	0.0400	0.0267		mg/L		67	54 - 158	0	30
N-Nitrosodi-n-propylamine	0.0400	0.0265		mg/L		66	59 - 170	4	30
N-Nitrosodiphenylamine	0.0400	0.0345		mg/L		86	2 - 196	2	30
Pentachlorophenol	0.0400	0.0327		mg/L		82	42 - 152	1	30
Phenanthrene	0.0400	0.0337		mg/L		84	67 - 130	4	30
Phenol	0.0400	0.0262		mg/L		66	48 - 130	1	30
Pyrene	0.0400	0.0358		mg/L		90	70 - 130	4	30
Pyridine	0.0800	0.0422		mg/L		53	5 - 94	5	30
Bisphenol-A	0.0400	0.0351		mg/L		88	70 - 130	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*94*		*31 - 132*
2-Fluorobiphenyl (Surr)	*68*		*29 - 112*
2-Fluorophenol (Surr)	*64*		*28 - 114*
Nitrobenzene-d5 (Surr)	*68*		*15 - 314*
p-Terphenyl-d14 (Surr)	*87*		*20 - 141*
Phenol-d5 (Surr)	*67*		*8 - 424*

Client: Pollution Control Services
Project/Site: Effluent - Permits 10/7/25

Job ID: 860-113565-1

Method: D7065-11 - Determination of Nonylphenols

Lab Sample ID: MB 280-717604/1-A
Matrix: Water
Analysis Batch: 717855

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 717604

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nonylphenol	ND		5.0	2.5	ug/L		10/14/25 15:55	10/15/25 18:49	1
Bisphenol-A	ND		2.0	1.0	ug/L		10/14/25 15:55	10/15/25 18:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-nonylphenol (Surr)	*79*		*58 - 115*	*10/14/25 15:55*	*10/15/25 18:49*	*1*

Lab Sample ID: LCS 280-717604/2-A
Matrix: Water
Analysis Batch: 717855

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 717604

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nonylphenol	51.3	44.2		ug/L		86	56 - 112
Bisphenol-A	10.2	6.54		ug/L		64	52 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-nonylphenol (Surr)	*78*		*58 - 115*

Lab Sample ID: LCSD 280-717604/3-A
Matrix: Water
Analysis Batch: 717855

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 717604

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nonylphenol	51.3	45.3		ug/L		88	56 - 112	2	22
Bisphenol-A	10.2	7.46		ug/L		73	52 - 120	13	22

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-nonylphenol (Surr)	*74*		*58 - 115*

Method: 8015D - Glycols- Direct Injection (GC/FID)

Lab Sample ID: MB 860-267229/8
Matrix: Water
Analysis Batch: 267229

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene glycol	ND		5000	1200	ug/L			10/08/25 09:59	1

Lab Sample ID: LCS 860-267229/4
Matrix: Water
Analysis Batch: 267229

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylene glycol	50200	47500		ug/L		95	70 - 139

Client: Pollution Control Services
Project/Site: Effluent - Permits 10/7/25

Job ID: 860-113565-1

Method: 8015D - Glycols- Direct Injection (GC/FID) (Continued)

Lab Sample ID: LCSD 860-267229/5
Matrix: Water
Analysis Batch: 267229

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethylene glycol	50200	47500		ug/L		95	70 - 139	0	30

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 860-267313/1-A
Matrix: Water
Analysis Batch: 267419

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 267313

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.000052	0.000018	mg/L		10/08/25 16:40	10/09/25 10:19	1
4,4'-DDE	ND		0.000052	0.000017	mg/L		10/08/25 16:40	10/09/25 10:19	1
4,4'-DDT	ND		0.000052	0.000019	mg/L		10/08/25 16:40	10/09/25 10:19	1
Aldrin	ND		0.000052	0.000016	mg/L		10/08/25 16:40	10/09/25 10:19	1
alpha-BHC	ND		0.000052	0.000016	mg/L		10/08/25 16:40	10/09/25 10:19	1
alpha-Chlordane	ND		0.000052	0.000019	mg/L		10/08/25 16:40	10/09/25 10:19	1
beta-BHC	ND		0.000052	0.000018	mg/L		10/08/25 16:40	10/09/25 10:19	1
Chlorodane	ND		0.0010	0.00020	mg/L		10/08/25 16:40	10/09/25 10:19	1
delta-BHC	ND		0.000052	0.0000086	mg/L		10/08/25 16:40	10/09/25 10:19	1
Dieldrin	ND		0.000052	0.000018	mg/L		10/08/25 16:40	10/09/25 10:19	1
Endosulfan I	ND		0.000052	0.000019	mg/L		10/08/25 16:40	10/09/25 10:19	1
Endosulfan II	ND		0.000052	0.000018	mg/L		10/08/25 16:40	10/09/25 10:19	1
Endosulfan sulfate	ND		0.000052	0.000016	mg/L		10/08/25 16:40	10/09/25 10:19	1
Endrin	ND		0.000052	0.000017	mg/L		10/08/25 16:40	10/09/25 10:19	1
Endrin aldehyde	ND		0.000052	0.000017	mg/L		10/08/25 16:40	10/09/25 10:19	1
gamma-BHC (Lindane)	ND		0.000052	0.000017	mg/L		10/08/25 16:40	10/09/25 10:19	1
Heptachlor	ND		0.000052	0.000018	mg/L		10/08/25 16:40	10/09/25 10:19	1
Methoxychlor	ND		0.000052	0.000019	mg/L		10/08/25 16:40	10/09/25 10:19	1
Mirex	ND		0.00021	0.000026	mg/L		10/08/25 16:40	10/09/25 10:19	1
Toxaphene	ND		0.0010	0.00033	mg/L		10/08/25 16:40	10/09/25 10:19	1
Dicofol	ND		0.00052	0.000026	mg/L		10/08/25 16:40	10/09/25 10:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*64*		*28 - 94*	*10/08/25 16:40*	*10/09/25 10:19*	*1*
Tetrachloro-m-xylene	*82*		*52 - 134*	*10/08/25 16:40*	*10/09/25 10:19*	*1*

Lab Sample ID: LCS 860-267313/2-A
Matrix: Water
Analysis Batch: 267419

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 267313

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	0.00128	0.000837		mg/L		65	60 - 111
4,4'-DDE	0.00128	0.000736		mg/L		57	47 - 97
4,4'-DDT	0.00128	0.000603		mg/L		47	47 - 96
Aldrin	0.00128	0.000711		mg/L		55	45 - 100
alpha-BHC	0.00128	0.000807		mg/L		63	58 - 105
alpha-Chlordane	0.00128	0.000716		mg/L		56	53 - 106
beta-BHC	0.00128	0.000767		mg/L		60	52 - 98
delta-BHC	0.00128	0.000755		mg/L		59	30 - 105
Dieldrin	0.00128	0.000748		mg/L		58	52 - 102

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 860-267313/2-A
Matrix: Water
Analysis Batch: 267419

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 267313

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Endosulfan I	0.00128	0.000767		mg/L		60	56 - 110
Endosulfan II	0.00128	0.000812		mg/L		63	58 - 108
Endosulfan sulfate	0.00128	0.000758		mg/L		59	57 - 101
Endrin	0.00128	0.000862		mg/L		67	62 - 109
Endrin aldehyde	0.00128	0.00111		mg/L		87	55 - 103
gamma-BHC (Lindane)	0.00128	0.000834		mg/L		65	59 - 107
Heptachlor	0.00128	0.000819		mg/L		64	51 - 102
Methoxychlor	0.00128	0.000940		mg/L		73	53 - 102

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*67*		*28 - 94*
Tetrachloro-m-xylene	*85*		*52 - 134*

Lab Sample ID: LCSD 860-267313/3-A
Matrix: Water
Analysis Batch: 267419

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 267313

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD	0.00129	0.000884		mg/L		69	60 - 111	5	25
4,4'-DDE	0.00129	0.000832		mg/L		65	47 - 97	12	25
4,4'-DDT	0.00129	0.000607		mg/L		47	47 - 96	1	25
Aldrin	0.00129	0.000822		mg/L		64	45 - 100	15	25
alpha-BHC	0.00129	0.000831		mg/L		65	58 - 105	3	25
alpha-Chlordane	0.00129	0.000850		mg/L		66	53 - 106	17	25
beta-BHC	0.00129	0.000819		mg/L		64	52 - 98	7	25
delta-BHC	0.00129	0.000821		mg/L		64	30 - 105	8	25
Dieldrin	0.00129	0.000843		mg/L		66	52 - 102	12	25
Endosulfan I	0.00129	0.000884		mg/L		69	56 - 110	14	25
Endosulfan II	0.00129	0.000846		mg/L		66	58 - 108	4	25
Endosulfan sulfate	0.00129	0.000773		mg/L		60	57 - 101	2	25
Endrin	0.00129	0.000897		mg/L		70	62 - 109	4	25
Endrin aldehyde	0.00129	0.00105		mg/L		82	55 - 103	6	25
gamma-BHC (Lindane)	0.00129	0.000881		mg/L		68	59 - 107	5	25
Heptachlor	0.00129	0.000890		mg/L		69	51 - 102	8	25
Methoxychlor	0.00129	0.000932		mg/L		72	53 - 102	1	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*71*		*28 - 94*
Tetrachloro-m-xylene	*87*		*52 - 134*

Method: 632 - Carbamate and Urea Pesticides (HPLC)

Lab Sample ID: MB 860-267986/1-A
Matrix: Water
Analysis Batch: 268543

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 267986

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbaryl	ND		5.0	1.9	ug/L		10/12/25 14:14	10/14/25 21:51	1

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Method: 632 - Carbamate and Urea Pesticides (HPLC) (Continued)

Lab Sample ID: MB 860-267986/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 268543 — **Prep Batch: 267986**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diuron	ND		0.090	0.051	ug/L		10/12/25 14:14	10/14/25 21:51	1

Lab Sample ID: LCS 860-267986/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 268543 — **Prep Batch: 267986**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Carbaryl	100	106		ug/L		106	70 - 130
Diuron	2.00	2.59		ug/L		129	70 - 130

Lab Sample ID: LCSD 860-267986/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 268543 — **Prep Batch: 267986**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Carbaryl	100	106		ug/L		106	70 - 130	0	20
Diuron	2.00	2.59		ug/L		130	70 - 130	0	20

Method: 420.4 - Phenolics, Total Recoverable

Lab Sample ID: MB 860-268390/40 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 268390

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total	ND		0.010	0.0058	mg/L			10/11/25 14:57	1

Lab Sample ID: LCS 860-268390/41 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 268390

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phenols, Total	0.100	0.0984		mg/L		98	90 - 110

Lab Sample ID: LCSD 860-268390/42 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 268390

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenols, Total	0.100	0.101		mg/L		101	90 - 110	3	20

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

Lab Sample ID: MB 860-267942/24 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 267942

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.0050	0.0020	mg/L			10/10/25 21:46	1

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

Lab Sample ID: LCS 860-267942/25
Matrix: Water
Analysis Batch: 267942

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.100	0.101		mg/L		101	90 - 110

Lab Sample ID: LCSD 860-267942/26
Matrix: Water
Analysis Batch: 267942

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.100	0.100		mg/L		100	90 - 110	1	20

Lab Sample ID: LLCS 860-267942/27
Matrix: Water
Analysis Batch: 267942

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.00500	0.00432	J	mg/L		86	50 - 150

GC/MS VOA

Analysis Batch: 267392

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113565-2	#818652	Total/NA	Water	624.1	
MB 860-267392/9	Method Blank	Total/NA	Water	624.1	
LCS 860-267392/3	Lab Control Sample	Total/NA	Water	624.1	
LCSD 860-267392/4	Lab Control Sample Dup	Total/NA	Water	624.1	

GC/MS Semi VOA

Prep Batch: 267968

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113565-8	#818658	Total/NA	Water	625	
MB 860-267968/1-A	Method Blank	Total/NA	Water	625	
LCS 860-267968/2-A	Lab Control Sample	Total/NA	Water	625	
LCSD 860-267968/3-A	Lab Control Sample Dup	Total/NA	Water	625	

Analysis Batch: 268654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-267968/1-A	Method Blank	Total/NA	Water	625.1	267968
LCS 860-267968/2-A	Lab Control Sample	Total/NA	Water	625.1	267968
LCSD 860-267968/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	267968

Analysis Batch: 268965

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113565-8	#818658	Total/NA	Water	625.1	267968

Prep Batch: 269342

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113565-8 - RE	#818658	Total/NA	Water	625	
MB 860-269342/1-A	Method Blank	Total/NA	Water	625	
LCS 860-269342/2-A	Lab Control Sample	Total/NA	Water	625	
LCSD 860-269342/3-A	Lab Control Sample Dup	Total/NA	Water	625	

Analysis Batch: 269609

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113565-8 - RE	#818658	Total/NA	Water	625.1	269342
MB 860-269342/1-A	Method Blank	Total/NA	Water	625.1	269342
LCS 860-269342/2-A	Lab Control Sample	Total/NA	Water	625.1	269342
LCSD 860-269342/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	269342

Prep Batch: 717604

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113565-4	#818654	Total/NA	Water	D7065-11	
MB 280-717604/1-A	Method Blank	Total/NA	Water	D7065-11	
LCS 280-717604/2-A	Lab Control Sample	Total/NA	Water	D7065-11	
LCSD 280-717604/3-A	Lab Control Sample Dup	Total/NA	Water	D7065-11	

Analysis Batch: 717855

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113565-4	#818654	Total/NA	Water	D7065-11	717604
MB 280-717604/1-A	Method Blank	Total/NA	Water	D7065-11	717604
LCS 280-717604/2-A	Lab Control Sample	Total/NA	Water	D7065-11	717604
LCSD 280-717604/3-A	Lab Control Sample Dup	Total/NA	Water	D7065-11	717604

GC Semi VOA

Analysis Batch: 267229

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113565-7	#818657	Total/NA	Water	8015D	
MB 860-267229/8	Method Blank	Total/NA	Water	8015D	
LCS 860-267229/4	Lab Control Sample	Total/NA	Water	8015D	
LCSD 860-267229/5	Lab Control Sample Dup	Total/NA	Water	8015D	

Prep Batch: 267313

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113565-5	#818655	Total/NA	Water	3511	
MB 860-267313/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-267313/2-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-267313/3-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 267419

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113565-5	#818655	Total/NA	Water	8081B	267313
MB 860-267313/1-A	Method Blank	Total/NA	Water	8081B	267313
LCS 860-267313/2-A	Lab Control Sample	Total/NA	Water	8081B	267313
LCSD 860-267313/3-A	Lab Control Sample Dup	Total/NA	Water	8081B	267313

HPLC/IC

Prep Batch: 267986

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113565-6	#818656	Total/NA	Water	CWA_Prep	
MB 860-267986/1-A	Method Blank	Total/NA	Water	CWA_Prep	
LCS 860-267986/2-A	Lab Control Sample	Total/NA	Water	CWA_Prep	
LCSD 860-267986/3-A	Lab Control Sample Dup	Total/NA	Water	CWA_Prep	

Analysis Batch: 268543

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113565-6	#818656	Total/NA	Water	632	267986
MB 860-267986/1-A	Method Blank	Total/NA	Water	632	267986
LCS 860-267986/2-A	Lab Control Sample	Total/NA	Water	632	267986
LCSD 860-267986/3-A	Lab Control Sample Dup	Total/NA	Water	632	267986

General Chemistry

Analysis Batch: 267942

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113565-1	#818651	Total/NA	Water	Kelada 01	
MB 860-267942/24	Method Blank	Total/NA	Water	Kelada 01	
LCS 860-267942/25	Lab Control Sample	Total/NA	Water	Kelada 01	
LCSD 860-267942/26	Lab Control Sample Dup	Total/NA	Water	Kelada 01	
LLCS 860-267942/27	Lab Control Sample	Total/NA	Water	Kelada 01	

Analysis Batch: 268390

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113565-3	#818653	Total/NA	Water	420.4	
MB 860-268390/40	Method Blank	Total/NA	Water	420.4	
LCS 860-268390/41	Lab Control Sample	Total/NA	Water	420.4	
LCSD 860-268390/42	Lab Control Sample Dup	Total/NA	Water	420.4	

Client Sample ID: #818651 — **Lab Sample ID: 860-113565-1**
Date Collected: 10/07/25 07:58 — **Matrix: Water**
Date Received: 10/08/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Kelada 01		1	10 mL	10 mL	267942	10/11/25 00:25	BW	EET HOU

Client Sample ID: #818652 — **Lab Sample ID: 860-113565-2**
Date Collected: 10/07/25 08:00 — **Matrix: Water**
Date Received: 10/08/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	5 mL	5 mL	267392	10/09/25 11:26	MS	EET HOU

Client Sample ID: #818653 — **Lab Sample ID: 860-113565-3**
Date Collected: 10/07/25 07:51 — **Matrix: Water**
Date Received: 10/08/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	420.4		1	10 mL	10 mL	268390	10/11/25 15:40	BW	EET HOU

Client Sample ID: #818654 — **Lab Sample ID: 860-113565-4**
Date Collected: 10/07/25 07:00 — **Matrix: Water**
Date Received: 10/08/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	D7065-11			252.9 mL	10 mL	717604	10/14/25 15:55	JES	EET DEN
Total/NA	Analysis	D7065-11		1	200 uL	200 uL	717855	10/15/25 21:21	CAR	EET DEN

Client Sample ID: #818655 — **Lab Sample ID: 860-113565-5**
Date Collected: 10/07/25 07:00 — **Matrix: Water**
Date Received: 10/08/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3511			48.7 mL	5 mL	267313	10/08/25 16:43	LM	EET HOU
Total/NA	Analysis	8081B		1	0 mL	0 mL	267419	10/09/25 12:01	KM	EET HOU

Client Sample ID: #818656 — **Lab Sample ID: 860-113565-6**
Date Collected: 10/07/25 07:00 — **Matrix: Water**
Date Received: 10/08/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	CWA_Prep			240 mL	10 mL	267986	10/12/25 14:14	BH	EET HOU
Total/NA	Analysis	632		1			268543	10/15/25 00:35	YG	EET HOU

Client Sample ID: #818657 — **Lab Sample ID: 860-113565-7**
Date Collected: 10/07/25 07:00 — **Matrix: Water**
Date Received: 10/08/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015D		1	1 mL	1 mL	267229	10/08/25 17:14	JBS	EET HOU

Client Sample ID: #818658
Lab Sample ID: 860-113565-8
Date Collected: 10/07/25 07:00
Matrix: Water
Date Received: 10/08/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	625			1000 mL	1 mL	267968	10/12/25 12:40	BH	EET HOU
Total/NA	Analysis	625.1		1	1 mL	1 mL	268965	10/16/25 16:27	LPL	EET HOU
Total/NA	Prep	625	RE		1000 mL	1 mL	269342	10/17/25 15:06	BH	EET HOU
Total/NA	Analysis	625.1	RE	1	1 mL	1 mL	269609	10/20/25 17:18	LPL	EET HOU

Laboratory References:

EET DEN = Eurofins Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

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

Accreditation/Certification Summary

Client: Pollution Control Services
Project/Site: Effluent - Permits 10/7/25

Job ID: 860-113565-1

Laboratory: Eurofins Houston

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	06-30-26

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

Analysis Method	Prep Method	Matrix	Analyte
420.4		Water	Phenols, Total
624.1		Water	1,3-Dichloropropane
624.1		Water	1,3-Dichloropropene, Total
624.1		Water	Epichlorohydrin
624.1		Water	Trihalomethanes, Total
625.1	625	Water	2-Methylnaphthalene
625.1	625	Water	2-Nitroaniline
625.1	625	Water	3 & 4 Methylphenol
625.1	625	Water	3-Nitroaniline
625.1	625	Water	4-Nitroaniline
625.1	625	Water	Aniline (Phenylamine, Aminobenzene)
625.1	625	Water	Benzoic acid
625.1	625	Water	Bisphenol-A
625.1	625	Water	Dibenzofuran
625.1	625	Water	Hexachlorophene
632	CWA_Prep	Water	Diuron

Laboratory: Eurofins Denver

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

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	2907.01	10-31-26
A2LA	ISO/IEC 17025	2907.01	10-31-26
Alabama	State Program	40730	09-30-12 *
Alaska (UST)	State	18-001	11-30-25
Arizona	State	AZ0713	12-20-25
Arkansas DEQ	State	88-00687	04-02-26
California	State	2513	10-19-25
Colorado	Petroleum Storage Tank Program	2907.01 (A2LA)	10-31-26
Colorado	State	CO00026	06-30-26
Connecticut	State	PH-0686	09-30-26
Florida	NELAP	E87667	06-30-26
Georgia	State	4025	01-08-26
Illinois	NELAP	200017	05-31-26
Iowa	State	370	12-01-26
Kansas	NELAP	E-10166	04-30-26
Kentucky (WW)	State	KY98047	12-31-25
Louisiana	NELAP	30785	06-30-14 *
Louisiana (All)	NELAP	30785	06-30-26
Minnesota	NELAP	1788752	12-31-25
Montana (DW)	State	CERT0117	01-01-26
Nevada	State	CO00026	07-31-26
New Hampshire	NELAP	2053	04-28-26
New Jersey	NELAP	CO004	06-30-26
New York	NELAP	11964	04-01-26
North Dakota	State	R-034	07-25-25 *

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

Laboratory: Eurofins Denver (Continued)

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

Authority	Program	Identification Number	Expiration Date
Oklahoma	NELAP	8614	12-31-25
Oregon	NELAP	4025	01-08-26
Pennsylvania	NELAP	68-00664	07-31-26
South Carolina	State	72002001	01-18-26
Texas	NELAP	TX104704183-08-TX	09-30-09 *
Texas	NELAP	T104704183	09-30-26
US Fish & Wildlife	US Federal Programs	058448	07-31-26
USDA	US Federal Programs	P330-20-00065	12-19-25
Utah	NELAP	QUAN5	06-30-13 *
Utah	NELAP	CO00026	07-31-26
Virginia	NELAP	460232	06-14-26
Washington	State	C583	08-03-26
West Virginia DEP	State	354	11-30-25
Wisconsin	State	999615430	08-31-26
Wyoming (UST)	A2LA	2907.01	10-31-26

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

Method Summary

Method	Method Description	Protocol	Laboratory
624.1	Volatile Organic Compounds (GC/MS)	EPA	EET HOU
625.1	Semivolatile Organic Compounds (GC/MS)	EPA	EET HOU
D7065-11	Determination of Nonylphenols	ASTM	EET DEN
8015D	Glycols- Direct Injection (GC/FID)	SW846	EET HOU
8081B	Organochlorine Pesticides (GC)	SW846	EET HOU
632	Carbamate and Urea Pesticides (HPLC)	EPA-01	EET HOU
420.4	Phenolics, Total Recoverable	EPA	EET HOU
Kelada 01	Cyanide, Total, Acid Dissociable and Thiocyanate	EPA	EET HOU
3511	Microextraction of Organic Compounds	SW846	EET HOU
625	Liquid-Liquid Extraction	EPA	EET HOU
CWA_Prep	Liquid-Liquid Extraction (Separatory Funnel)	EPA	EET HOU
D7065-11	Liquid-Liquid Extraction (Continuous)	ASTM	EET DEN

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

EPA-01 = "Methods For The Determination Of Nonconventional Pesticides In Municipal And Industrial Wastewater", EPA/821/R/92/002, April 1992.

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

Laboratory References:

EET DEN = Eurofins Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

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

Sample Summary

Client: Pollution Control Services
Project/Site: Effluent - Permits 10/7/25

Job ID: 860-113565-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
860-113565-1	#818651	Water	10/07/25 07:58	10/08/25 09:15	Texas
860-113565-2	#818652	Water	10/07/25 08:00	10/08/25 09:15	Texas
860-113565-3	#818653	Water	10/07/25 07:51	10/08/25 09:15	Texas
860-113565-4	#818654	Water	10/07/25 07:00	10/08/25 09:15	Texas
860-113565-5	#818655	Water	10/07/25 07:00	10/08/25 09:15	Texas
860-113565-6	#818656	Water	10/07/25 07:00	10/08/25 09:15	Texas
860-113565-7	#818657	Water	10/07/25 07:00	10/08/25 09:15	Texas
860-113565-8	#818658	Water	10/07/25 07:00	10/08/25 09:15	Texas

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler:	Lab PM: Galvan, Rebecca	Carrier Tracking No(s):	COC No: 860-43137-13992.1
Client Contact: Chuck Wallgren	Phone:	E-Mail: Rebecca.Galvan@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: Pollution Control Services	PWSID:	Analysis Requested		Job #:
Address: 1532 Universal City Blvd Suite 100	Due Date Requested:			Preservation Codes: S H2SO4, N None, B NaOH
City: Universal City	TAT Requested (days):			
State, Zip: TX, 78148-3188	Compliance Project: Δ Yes Δ No			
Phone: 210-340-0343	PO #: Purchase Order Requested			
Email: chuck@pcslab.net	WO #:			
Project Name: Effluent Permits	Project #: 86009134			
Site:	SSOW#:			Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	D7065_11 Bisphenol A and Nonylphenol	Organotins_SIM (MOD) Custom Analyte List	615_MOD (MOD) Copy Analytes	608.3_PCB PCBs including Totals	8081B (MOD) Copy Analytes	420.4_NP Local Method	625.1 Permit List	632 (MOD) Copy Analytes	Kelada_01 Local Method	624.1 (MOD) Permit List 624	8015D_DAI_G (MOD) Ethylene Glycol			Total Number of containers	Special Instructions/Note:
				Preservation Code:			S	N	N	N	N	S	N	N	B	N	N				
#818651	10/7/25	0758	G	Water											X						
#818652	10/7/25	0800	G	Water												X					
#818653	10/7/25	0751	G	Water								X									
#818654	10/7/25	0700	C	Water			X														
#818655	10/7/25	0700	C	Water							X										
#818656	10/7/25	0700	C	Water										X							
#818657	10/7/25	0700	C	Water													X				
#818658	10/7/25	0700	C	Water									X								

860-113565 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Deliverable Requested: I, II, III, IV Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client [✓ Disposal By Lab] ☐ Archive For ______ Months

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by: [illegible]	Date/Time: 10/7/25 @ 1500	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: [illegible]	Date/Time: 10-8 25 915	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 25/23 Hou 368

Ver: 05/06/2024

Login Sample Receipt Checklist

Client: Pollution Control Services

Job Number: 860-113565-1

Login Number: 113565
List Number: 1
Creator: Jimenez, Nicanor

List Source: Eurofins Houston

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

Login Sample Receipt Checklist

Client: Pollution Control Services

Job Number: 860-113565-1

Login Number: 113565
List Number: 2
Creator: Padgett, Dylan T

List Source: Eurofins Denver
List Creation: 10/11/25 02:12 PM

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

Pollution Control Services
Sample Log-In Checklist

818645

PCS Sample No(s) 818645 818658 **COC No.** ____

Client/Company Name: NBU **Checklist Completed by:** LMC

Sample Delivery to Lab Via:
Client Drop Off ✓ Commercial Carrier: Bus ____ UPS ____ Lone Star ____ FedEx ____ USPS ____
PCS Field Services: Collection/Pick Up ____ Other: ____

Sample Kit/Coolers
Sample Kit/Cooler? Yes ✓ No ____ Sample Kit/Cooler: Intact? Yes ✓ No ____
Custody Seals on Sample Kit/Cooler: Not Present ✓ If Present, Intact ____ Broken ____
Sample Containers Intact; Unbroken and Not Leaking? Yes ✓ No ____
Custody Seals on Sample Bottles: Not Present ✓ If Present, Intact ____ Broken ____
COC Present with Shipment or Delivery or Completed at Drop Off? Yes ✓ No ____
Has COC sample date/time and other pertinent information been provided by client/sampler? Yes: ✓ No: ____
Has COC been properly Signed when Received/Relinquished? Yes ✓ No ____
Does COC agree with Sample Bottle Information, Bottle Types, Preservation, etc.? Yes ✓ No ____
All Samples Received before Hold Time Expiration? Yes ✓ No ____
Sufficient Sample Volumes for Analysis Requested? Yes ✓ No ____
Zero Headspace in VOA Vial? Yes ____ No ____

Sample Preservation:
*** *Cooling:* Not Required** ____ or **Required** ✓
If cooling required, record temperature of submitted samples Observed/Corrected 15.2 / 15.6 °C
Is Ice Present in Sample Kit/Cooler? ✓ Yes ____ No Samples received same day as collected? ✓ Yes ____ No
Lab Thermometer Make and Serial Number: ennoLogic HDHC000015629 Other: ____

Acid Preserved Sample - If present, is pH <2? Yes ✓ **No** ____ ** ✓ H_2SO_4 ✓ HNO_3 ____ H_3PO_4
Base Preserved Sample - If present, is pH >12? Yes ✓ No ____ ✓ NaOH
Other Preservation: ____ If Present, Meets Requirements? Yes ____ No ____
Sample Preservations Checked by: LMC Date 10-7-25 Time 1112
pH paper used to check sample preservation (PCS log #): 25-138 (HEM pH checked at analysis).

Samples Preserved/Adjusted by Lab: Lab #	Parameters Preserved	Preservative Used	Log #

Adjusted by Tech/Analyst: ____ Date : ____ Time: ____

Client Notification/ Documentation for "No" Responses Above/ Discrepancies/ RevisionComments
Person Notified: ____ Contacted by: ____
Notified Date: ____ Time: ____
Method of Contact: At Drop Off: ____ Phone ____ Left Voice Mail ____ E-Mail ____ Fax ____
Unable to Contact ____ Authorized Laboratory to Proceed : ____ (Lab Director)
Regarding / Comments: ____

Actions taken to correct problems/discrepancies: ____

Receiving qualifier needed (*requires client notification above*) Temp. ____ Holding Time ____ Initails: ____
Receiving qualifier entered into LIMS at login Initial/Date: ____
Revision Comments: ____

POLLUTION CONTROL SERVICES

Report of Sample Analysis

Client Information	Sample Information	Laboratory Information
Trish Soechting (WWTP) **New Braunfels Utilities** **P.O. Box 310289** **New Braunfels, TX 78131**	**Project Name: North Kuehhler TCEQ Major** **Sample ID: Effluent** **Matrix: Non-Potable Water** **Date/Time Taken: 11/5/2025 0700**	**PCS Sample #: 822064 Page 1 of 1** **Date/Time Received: 11/5/2025 10:15** **Report Date: 11/21/2025** **Approved by:** Chuck Wallgren, President

Test Description	Result	Units	RL	Analysis Date/Time	Method	Analyst
Organophosphorus Pest 8270	See Attached				ES	
PCB, Total	See Attached				ES	
Herbicides 615	See Attached				ES	

***Quality Statement:* All supporting quality data adhered to data quality objectives and test results meet the requirements of NELAC unless otherwise noted as flagged exceptions or in a case narrative attachment. Reports with full quality data deliverables are available on request.**

These analytical results relate only to the sample tested.
All data is reported on an 'As Is' basis unless designated as 'Dry Wt'.
RL = Reporting Limits

Web Site: www.pcslab.net
eMail: chuck@pcslab.net
1532 Universal City Blvd, Suite 100
Universal City, TX 78148-3318
210-340-0343
FAX # 210-658-7903

POLLUTION CONTROL SERVICES

Chain of Custody Number: 822064

MULTIPLE SAMPLE ANALYSIS REQUEST AND CHAIN OF CUSTODY FORM

Stamp 1st sample and COC as same number

CUSTOMER INFORMATION	REPORT INFORMATION		
Name: New Braunfels Utilities	Attention: Trish Soechting	Phone: (830) 608-8905	Fax: (830) 626-1361

SAMPLE INFORMATION

Project Information: North Kuehler TCEQ Major Permit Renewal

Report "Soils" ☐ As Is ☐ Dry Wt.

Collected By: J. Roessler

Matrix: DW-Drinking Water; NPW-Non-potable water; WW-Wastewater; LW-Liquid Waste

Requested Analysis

Client / Field Sample ID	Collected Date	Collected Time	Field Chlorine Residual mg/L	Composite or Grab	Matrix	Container Type	Container Number	Preservative	Herb 615	PCB 608.3	Organophos Pesticides	EPA-8270					Instructions/Comments: PCS Sample Number
Effluent 11052560	Start: 11-4-25 End: 11-5-25	Start: 0700 End: 0700		☒ C ☐ G	☐ DW ☐ NPW ☒ WW ☐ Soil ☐ Sludge ☐ LW ☐ Other	☐P ☒G ☐O	1	☐ H_2SO_4 ☐ HNO_3 ☐ H_3PO_4 ☐ NaOH ☒ ICE ☐ ______	X	X	X						822064 ☐S ☐B ☐N ☐HEM Other:
	Start: End:	Start: End:		☐ C ☐ G	☐ DW ☐ NPW ☐ WW ☐ Soil ☐ Sludge ☐ LW ☐ Other	☐P ☐G ☐O		☐ H_2SO_4 ☐ HNO_3 ☐ H_3PO_4 ☐ NaOH ☐ ICE ☐ ______									☐S ☐B ☐N ☐HEM Other:
	Start: End:	Start: End:		☐ C ☐ G	☐ DW ☐ NPW ☐ WW ☐ Soil ☐ Sludge ☐ LW ☐ Other	☐P ☐G ☐O		☐ H_2SO_4 ☐ HNO_3 ☐ H_3PO_4 ☐ NaOH ☐ ICE ☐ ______									☐S ☐B ☐N ☐HEM Other:
	Start: End:	Start: End:		☐ C ☐ G	☐ DW ☐ NPW ☐ WW ☐ Soil ☐ Sludge ☐ LW ☐ Other	☐P ☐G ☐O		☐ H_2SO_4 ☐ HNO_3 ☐ H_3PO_4 ☐ NaOH ☐ ICE ☐ ______									☐S ☐B ☐N ☐HEM Other:
	Start: End:	Start: End:		☐ C ☐ G	☐ DW ☐ NPW ☐ WW ☐ Soil ☐ Sludge ☐ LW ☐ Other	☐P ☐G ☐O		☐ H_2SO_4 ☐ HNO_3 ☐ H_3PO_4 ☐ NaOH ☐ ICE ☐ ______									☐S ☐B ☐N ☐HEM Other:
	Start: End:	Start: End:		☐ C ☐ G	☐ DW ☐ NPW ☐ WW ☐ Soil ☐ Sludge ☐ LW ☐ Other	☐P ☐G ☐O		☐ H_2SO_4 ☐ HNO_3 ☐ H_3PO_4 ☐ NaOH ☐ ICE ☐ ______									☐S ☐B ☐N ☐HEM Other:
	Start: End:	Start: End:		☐ C ☐ G	☐ DW ☐ NPW ☐ WW ☐ Soil ☐ Sludge ☐ LW ☐ Other	☐P ☐G ☐O		☐ H_2SO_4 ☐ HNO_3 ☐ H_3PO_4 ☒ NaOH ☐ ICE ☐ ______									☐S ☐B ☐N ☐HEM Other:
	Start: End:	Start: End:		☐ C ☐ G	☐ DW ☐ NPW ☐ WW ☐ Soil ☐ Sludge ☐ LW ☐ Other	☐P ☐G ☐O		☐ H_2SO_4 ☐ HNO_3 ☐ H_3PO_4 ☐ NaOH ☐ ICE ☐ ______									☐S ☐B ☐N ☐HEM Other:

Required Turnaround: ☒ Routine (6-10 days) | ***EXPEDITE:*** (See Surcharge Schedule) ☐ < 8 Hrs. ☐ < 16 Hrs. ☐ < 24 Hrs. ☐ 5 days ☐ Other: ________ ***Rush Charges Authorized by:***

Sample Archive/Disposal: ☐ Laboratory Standard ☐ Hold for client pick up | **Container Type:** P = Plastic, G = Glass, O = Other | Carrier ID:

Relinquished By:	J. Roessler	Date:	11-5-25	Time:	0945	Received By:	Trish Soechting	Date: 11-5-25	Time: 0945
Relinquished By:	Trish Soechting	Date:	11-5-25	Time:	1015	Received By:	[illegible]	Date: 11-5-25	Time: 1015

Rev. Multiple Sample COC 20120201

1532 Universal City Blvd., Ste. 100, Universal City, Texas 78148
P (210) 340-0343 or (800) 880-4616 - F (210) 658-7903

Login at www.pcslab.net
TCEQ NELAP T104704361-TX

POLLUTION CONTROL SERV

1532 Universal City Blvd, Suite 100
Universal City, TX 78148-3318
Facsimile 210 658 7903
210 340 0343

860-116020 Chain of Custody

CHAIN OF CUSTODY & SUBCONTRACT TRACKING SHEET

TO Eurofins - Houston
4145 Greenbriar Dr
Stafford, TX 77477

Relinquished by Lauren Clay
Date/Time 11/6/2025 @ 1500
Received by
Date/Time

PCS#	Date	Time	Analysis Requested	Pres	T A T
822064	11/05/2025	0700	Organophosphorus Pesticides 8270	Ice	Std
822064			Herbicides 615	----	----
822064	-- ---		PCB's 608 3	----	----

Comments/Special Instructions

Unless otherwise requested, send results and invoice to

Chuck Wallgren
Pollution Control Services
1532 Universal City Blvd, Suite 100
Universal City, TX 78148-3318

Temp: 5.2 IR ID HOU-368
C/F +0.4
Corrected Temp: 5 6

Authorized by Lauren Clay Date 11.6.25

Sandra Jones 11/7/25 0902

T:\CoC\Subcontract\822064.docx

eurofins | Environment Testing

1

ANALYTICAL REPORT

PREPARED FOR

Attn: Chuck Wallgren
Pollution Control Services
1532 Universal City Blvd
Suite 100
Universal City, Texas 78148-3188

Generated 11/19/2025 12:28:31 PM

JOB DESCRIPTION

822064

JOB NUMBER

860-116020-1

Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477

See page two for job notes and contact information.

myEOL

Eurofins Houston

Job Notes

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

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

Authorization

Generated
11/19/2025 12:28:31 PM

Authorized for release by
Rebecca Galvan, Project Manager I
Rebecca.Galvan@et.eurofinsus.com
(361)289-2471

Table of Contents

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
I	Value is EMPC (estimated maximum possible concentration).
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

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

Glossary

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

Job ID: 860-116020-1 Eurofins Houston

Job Narrative
860-116020-1

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

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

Receipt
The sample was received on 11/7/2025 9:02 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.6°C.

GC/MS Semi VOA
Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-275090 recovered above the upper control limit for Disulfoton, Ethyl Parathion, Methyl parathion and Thionazin. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 860-275090/3).

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-275090 recovered above the upper control limit for Azinphos-methyl, Chlorpyrifos, Coumaphos, Dichlorvos, Fensulfothion, Malathion, Mevinphos, Ronnel and Tokuthion. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 860-275090/4).

Method 8270E_QQQ: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 860-274734 and analytical batch 860-275090 recovered outside control limits for the following analyte: Merphos. This analyte was biased high in the LCS/LCSD and was not detected in the associated samples; therefore, the data have been reported.

Method 8270E_QQQ: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 860-274734 and analytical batch 860-275090 recovered outside control limits for the following analyte: Monochrotophos.

Method 8270E_QQQ: Internal standard (ISTD) response for Chrysene-d12 and Perylene-d12 for the following samples in analytical batch 860-276600 was outside acceptance criteria: (LCS 860-274734/6-A) and (LCSD 860-274734/7-A). This ISTD does not correspond to any of the requested target compounds reported from this analytical batch; therefore, the data have been reported.

Method 8270E_QQQ: Internal standard (ISTD) response for Perylene-d12 for the following sample in analytical batch 860-276600 was outside acceptance criteria: (MB 860-274734/1-A). This ISTD does not correspond to any of the requested target compounds reported from this analytical batch; therefore, the data have been reported.

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

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

PCBs
Method 608.3_PCB: The DCB (Decachlorobiphenyl) surrogate recovery for the following samples was outside acceptance limits (high biased) on the primary column: 822064 (860-116020-1). The recovery is within acceptance limits on the other column, indicating that the extraction process was in control.

Method 608.3_PCB: The continuing calibration verification (CCV) associated with 860-275203 recovered high and outside the control limits for DCB Decachlorobiphenyl (Surr) on one column. Results are confirmed on both columns and reported from the

Job ID: 860-116020-1 (Continued) **Eurofins Houston**

passing column. The associated samples are: (CCV 860-275203/21), (CCV 860-275203/27) and (CCVRT 860-275203/3).

Method 608.3_PCB: The continuing calibration verification (CCV) associated with 860-275203 recovered high and outside the control limits for PCB-1016, PCB-1260 and Polychlorinated biphenyls, Total on one column. Results are confirmed on both columns and reported from the passing column. The associated samples are: (CCV 860-275203/27) and (CCVRT 860-275203/3).

Method 608.3_PCB: The continuing calibration verification (CCV) associated with 860-275203 recovered high and outside the control limits for PCB-1242 and Polychlorinated biphenyls, Total on one column. Results are confirmed on both columns and reported from the passing column. The associated sample is: (CCV 860-275203/4).

Method 608.3_PCB: The continuing calibration verification (CCV) associated with 860-275203 recovered high and outside the control limits for PCB-1221, PCB-1254 and Polychlorinated biphenyls, Total on one column. Results are confirmed on both columns and reported from the passing column. The associated sample is: (CCV 860-275203/5).

Method 608.3_PCB: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 860-274983 and analytical batch 860-275203 recovered outside control limits for the following analytes: PCB-1016.

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

Detection Summary

Client Sample ID: 822064 **Lab Sample ID: 860-116020-1**

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: 822064
Date Collected: 11/05/25 07:00
Date Received: 11/07/25 09:02

Lab Sample ID: 860-116020-1
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorpyrifos	ND		0.29	0.18	ug/L		11/11/25 14:03	11/12/25 01:58	1
Coumaphos	ND		0.57	0.12	ug/L		11/11/25 14:03	11/12/25 01:58	1
Dichlorvos	ND		0.29	0.18	ug/L		11/11/25 14:03	11/12/25 01:58	1
Ethoprop	ND		0.57	0.17	ug/L		11/11/25 14:03	11/12/25 01:58	1
Fensulfothion	ND	*+	0.57	0.38	ug/L		11/11/25 14:03	11/12/25 01:58	1
Fenthion	ND		0.57	0.15	ug/L		11/11/25 14:03	11/12/25 01:58	1
Malathion	ND		0.057	0.057	ug/L		11/11/25 14:03	11/12/25 01:58	1
Merphos	ND	*+	0.57	0.19	ug/L		11/11/25 14:03	11/12/25 01:58	1
Mevinphos	ND		0.57	0.26	ug/L		11/11/25 14:03	11/12/25 01:58	1
Monochrotophos	ND	*1	2.9	1.2	ug/L		11/11/25 14:03	11/12/25 01:58	1
Ronnel	ND		0.57	0.17	ug/L		11/11/25 14:03	11/12/25 01:58	1
Thionazin	ND		1.1	0.34	ug/L		11/11/25 14:03	11/12/25 01:58	1
Tokuthion	ND		0.57	0.16	ug/L		11/11/25 14:03	11/12/25 01:58	1
Chlorfenvinphos	ND		0.57	0.16	ug/L		11/11/25 14:03	11/12/25 01:58	1
Demeton, Total	ND		0.086	0.069	ug/L		11/11/25 14:03	11/12/25 01:58	1
Diazinon	ND	*+	0.29	0.15	ug/L		11/11/25 14:03	11/12/25 01:58	1
Azinphos-methyl	ND		0.57	0.31	ug/L		11/11/25 14:03	11/12/25 01:58	1
Disulfoton	ND	*+	2.9	2.2	ug/L		11/11/25 14:03	11/12/25 01:58	1
Ethyl Parathion	ND	*+	1.1	0.63	ug/L		11/11/25 14:03	11/12/25 01:58	1
Methyl parathion	ND	*+	2.9	2.8	ug/L		11/11/25 14:03	11/12/25 01:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*70*		*26 - 136*	*11/11/25 14:03*	*11/12/25 01:58*	*1*
2-Fluorophenol (Surr)	*29*		*19 - 120*	*11/11/25 14:03*	*11/12/25 01:58*	*1*
p-Terphenyl-d14 (Surr)	*65*		*28 - 130*	*11/11/25 14:03*	*11/12/25 01:58*	*1*
Phenol-d5 (Surr)	*17*		*8 - 124*	*11/11/25 14:03*	*11/12/25 01:58*	*1*
Nitrobenzene-d5 (Surr)	*72*		*32 - 133*	*11/11/25 14:03*	*11/12/25 01:58*	*1*
2-Fluorobiphenyl	*55*		*39 - 130*	*11/11/25 14:03*	*11/12/25 01:58*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naled	ND		0.57	0.23	ug/L		11/11/25 14:03	11/18/25 18:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*61*		*26 - 136*	*11/11/25 14:03*	*11/18/25 18:07*	*1*
2-Fluorophenol (Surr)	*28*		*19 - 120*	*11/11/25 14:03*	*11/18/25 18:07*	*1*
p-Terphenyl-d14 (Surr)	*66*		*28 - 130*	*11/11/25 14:03*	*11/18/25 18:07*	*1*
Phenol-d5 (Surr)	*15*		*8 - 124*	*11/11/25 14:03*	*11/18/25 18:07*	*1*
Nitrobenzene-d5 (Surr)	*66*		*32 - 133*	*11/11/25 14:03*	*11/18/25 18:07*	*1*
2-Fluorobiphenyl	*51*		*39 - 130*	*11/11/25 14:03*	*11/18/25 18:07*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	*1	0.20	0.089	ug/L		11/11/25 14:07	11/12/25 14:10	1
PCB-1221	ND		0.20	0.089	ug/L		11/11/25 14:07	11/12/25 14:10	1
PCB-1232	ND		0.20	0.089	ug/L		11/11/25 14:07	11/12/25 14:10	1
PCB-1242	ND		0.20	0.089	ug/L		11/11/25 14:07	11/12/25 14:10	1
PCB-1248	ND		0.20	0.089	ug/L		11/11/25 14:07	11/12/25 14:10	1
PCB-1254	ND		0.20	0.078	ug/L		11/11/25 14:07	11/12/25 14:10	1
PCB-1260	ND		0.20	0.078	ug/L		11/11/25 14:07	11/12/25 14:10	1

Client Sample ID: 822064
Date Collected: 11/05/25 07:00
Date Received: 11/07/25 09:02

Lab Sample ID: 860-116020-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Polychlorinated biphenyls, Total	ND		0.20	0.078	ug/L		11/11/25 14:07	11/12/25 14:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*104*		*18 - 126*	*11/11/25 14:07*	*11/12/25 14:10*	*1*
DCB Decachlorobiphenyl (Surr)	*128*		*15 - 136*	*11/11/25 14:07*	*11/12/25 14:10*	*1*

Method: EPA-01 615 - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	ND		0.00020	0.000054	mg/L		11/09/25 08:33	11/10/25 23:43	1
2,4,5-TP (Silvex)	ND		0.00020	0.000042	mg/L		11/09/25 08:33	11/10/25 23:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*116*		*45 - 150*	*11/09/25 08:33*	*11/10/25 23:43*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	2FP	TPHd14	PHL	NBZ	FBP
Lab Sample ID	Client Sample ID	(26-136)	(19-120)	(28-130)	(8-124)	(32-133)	(39-130)
860-116020-1	822064	70	29	65	17	72	55
860-116020-1 - RA	822064	61	28	66	15	66	51
LCS 860-274734/6-A	Lab Control Sample	46	60	55	59	62	61
LCS 860-274734/6-A - RA	Lab Control Sample	45	58	54	53	56	59
LCSD 860-274734/7-A	Lab Control Sample Dup	45	57	53	55	58	56
LCSD 860-274734/7-A - RA	Lab Control Sample Dup	40	55	58	50	53	52
MB 860-274734/1-A	Method Blank	51	57	58	56	59	60
MB 860-274734/1-A - RA	Method Blank	49	54	55	48	54	56

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
2FP = 2-Fluorophenol (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)
PHL = Phenol-d5 (Surr)
NBZ = Nitrobenzene-d5 (Surr)
FBP = 2-Fluorobiphenyl

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

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX2	DCB1
Lab Sample ID	Client Sample ID	(18-126)	(15-136)
860-116020-1	822064	104	128

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)
DCB = DCB Decachlorobiphenyl (Surr)

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

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX2	DCB2
Lab Sample ID	Client Sample ID	(18-126)	(15-136)
LCS 860-274983/4-A	Lab Control Sample	80	80
LCSD 860-274983/5-A	Lab Control Sample Dup	105	98
MB 860-274983/1-A	Method Blank	90	101

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)
DCB = DCB Decachlorobiphenyl (Surr)

Method: 615 - Herbicides (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		DCPAA1
Lab Sample ID	Client Sample ID	(45-150)
860-116020-1	822064	116
LCS 860-274464/2-A	Lab Control Sample	114
LCSD 860-274464/3-A	Lab Control Sample Dup	112

Method: 615 - Herbicides (GC) (Continued)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		DCPAA1
Lab Sample ID	Client Sample ID	(45-150)
MB 860-274464/1-A	Method Blank	100

Surrogate Legend

DCPAA = 2,4-Dichlorophenylacetic acid

Client: Pollution Control Services
Project/Site: 822064

Job ID: 860-116020-1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Lab Sample ID: MB 860-274734/1-A
Matrix: Water
Analysis Batch: 275090

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 274734

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorpyrifos	ND		0.29	0.18	ug/L		11/10/25 16:17	11/12/25 00:06	1
Coumaphos	ND		0.57	0.12	ug/L		11/10/25 16:17	11/12/25 00:06	1
Dichlorvos	ND		0.29	0.18	ug/L		11/10/25 16:17	11/12/25 00:06	1
Ethoprop	ND		0.57	0.17	ug/L		11/10/25 16:17	11/12/25 00:06	1
Fensulfothion	ND		0.57	0.38	ug/L		11/10/25 16:17	11/12/25 00:06	1
Fenthion	ND		0.57	0.15	ug/L		11/10/25 16:17	11/12/25 00:06	1
Malathion	ND		0.057	0.057	ug/L		11/10/25 16:17	11/12/25 00:06	1
Merphos	ND		0.57	0.19	ug/L		11/10/25 16:17	11/12/25 00:06	1
Mevinphos	ND		0.57	0.26	ug/L		11/10/25 16:17	11/12/25 00:06	1
Monochrotophos	ND		2.9	1.2	ug/L		11/10/25 16:17	11/12/25 00:06	1
Ronnel	ND		0.57	0.17	ug/L		11/10/25 16:17	11/12/25 00:06	1
Thionazin	ND		1.1	0.34	ug/L		11/10/25 16:17	11/12/25 00:06	1
Tokuthion	ND		0.57	0.16	ug/L		11/10/25 16:17	11/12/25 00:06	1
Chlorfenvinphos	ND		0.57	0.16	ug/L		11/10/25 16:17	11/12/25 00:06	1
Demeton, Total	ND		0.086	0.069	ug/L		11/10/25 16:17	11/12/25 00:06	1
Diazinon	ND		0.29	0.15	ug/L		11/10/25 16:17	11/12/25 00:06	1
Azinphos-methyl	ND		0.57	0.31	ug/L		11/10/25 16:17	11/12/25 00:06	1
Disulfoton	ND		2.9	2.2	ug/L		11/10/25 16:17	11/12/25 00:06	1
Ethyl Parathion	ND		1.1	0.63	ug/L		11/10/25 16:17	11/12/25 00:06	1
Methyl parathion	ND		2.9	2.8	ug/L		11/10/25 16:17	11/12/25 00:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*51*		*26 - 136*	*11/10/25 16:17*	*11/12/25 00:06*	*1*
2-Fluorophenol (Surr)	*57*		*19 - 120*	*11/10/25 16:17*	*11/12/25 00:06*	*1*
p-Terphenyl-d14 (Surr)	*58*		*28 - 130*	*11/10/25 16:17*	*11/12/25 00:06*	*1*
Phenol-d5 (Surr)	*56*		*8 - 124*	*11/10/25 16:17*	*11/12/25 00:06*	*1*
Nitrobenzene-d5 (Surr)	*59*		*32 - 133*	*11/10/25 16:17*	*11/12/25 00:06*	*1*
2-Fluorobiphenyl	*60*		*39 - 130*	*11/10/25 16:17*	*11/12/25 00:06*	*1*

Lab Sample ID: LCS 860-274734/6-A
Matrix: Water
Analysis Batch: 275090

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 274734

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorpyrifos	2.86	2.89		ug/L		101	70 - 150
Coumaphos	2.86	2.42		ug/L		85	60 - 150
Dichlorvos	2.86	3.21		ug/L		112	65 - 150
Ethoprop	2.86	2.45		ug/L		86	60 - 150
Fensulfothion	2.86	2.50		ug/L		87	35 - 150
Fenthion	2.86	2.37		ug/L		83	45 - 150
Malathion	2.86	2.95		ug/L		103	60 - 145
Merphos	2.86	4.77	*+	ug/L		167	10 - 150
Mevinphos	2.86	2.66		ug/L		93	50 - 150
Monochrotophos	2.86	1.97	J	ug/L		69	10 - 150
Ronnel	2.86	2.64		ug/L		92	40 - 145
Tokuthion	2.86	2.77		ug/L		97	40 - 140
Chlorfenvinphos	2.86	2.32		ug/L		81	50 - 150
Demeton-O	0.857	0.834		ug/L		97	10 - 150

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-274734/6-A
Matrix: Water
Analysis Batch: 275090

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 274734

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Demeton-S	2.00	1.25		ug/L		62	10 - 124
Diazinon	2.86	2.21		ug/L		77	65 - 150
Azinphos-methyl	2.86	2.64		ug/L		92	40 - 145

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*46*		*26 - 136*
2-Fluorophenol (Surr)	*60*		*19 - 120*
p-Terphenyl-d14 (Surr)	*55*		*28 - 130*
Phenol-d5 (Surr)	*59*		*8 - 124*
Nitrobenzene-d5 (Surr)	*62*		*32 - 133*
2-Fluorobiphenyl	*61*		*39 - 130*

Lab Sample ID: LCSD 860-274734/7-A
Matrix: Water
Analysis Batch: 275090

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 274734

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chlorpyrifos	2.86	2.91		ug/L		102	70 - 150	1	30
Coumaphos	2.86	2.37		ug/L		83	60 - 150	2	30
Dichlorvos	2.86	2.96		ug/L		104	65 - 150	8	30
Ethoprop	2.86	2.24		ug/L		78	60 - 150	9	30
Fensulfothion	2.86	2.62		ug/L		92	35 - 150	5	30
Fenthion	2.86	2.28		ug/L		80	45 - 150	4	30
Malathion	2.86	2.82		ug/L		99	60 - 145	5	30
Merphos	2.86	4.67	*+	ug/L		163	10 - 150	2	30
Mevinphos	2.86	2.38		ug/L		83	50 - 150	11	30
Monochrotophos	2.86	1.37	J *1	ug/L		48	10 - 150	36	30
Ronnel	2.86	2.63		ug/L		92	40 - 145	0	30
Tokuthion	2.86	2.79		ug/L		98	40 - 140	1	30
Chlorfenvinphos	2.86	2.09		ug/L		73	50 - 150	11	30
Demeton-O	0.857	0.687		ug/L		80	10 - 150	19	30
Demeton-S	2.00	1.16		ug/L		58	10 - 124	7	30
Diazinon	2.86	2.06		ug/L		72	65 - 150	7	30
Azinphos-methyl	2.86	2.36		ug/L		82	40 - 145	11	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*45*		*26 - 136*
2-Fluorophenol (Surr)	*57*		*19 - 120*
p-Terphenyl-d14 (Surr)	*53*		*28 - 130*
Phenol-d5 (Surr)	*55*		*8 - 124*
Nitrobenzene-d5 (Surr)	*58*		*32 - 133*
2-Fluorobiphenyl	*56*		*39 - 130*

Client: Pollution Control Services
Project/Site: 822064

Job ID: 860-116020-1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

Lab Sample ID: MB 860-274734/1-A
Matrix: Water
Analysis Batch: 276600

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 274734

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naled - RA	ND		0.57	0.23	ug/L		11/10/25 16:17	11/18/25 15:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr) - RA	*49*		*26 - 136*	*11/10/25 16:17*	*11/18/25 15:47*	*1*
2-Fluorophenol (Surr) - RA	*54*		*19 - 120*	*11/10/25 16:17*	*11/18/25 15:47*	*1*
p-Terphenyl-d14 (Surr) - RA	*55*		*28 - 130*	*11/10/25 16:17*	*11/18/25 15:47*	*1*
Phenol-d5 (Surr) - RA	*48*		*8 - 124*	*11/10/25 16:17*	*11/18/25 15:47*	*1*
Nitrobenzene-d5 (Surr) - RA	*54*		*32 - 133*	*11/10/25 16:17*	*11/18/25 15:47*	*1*
2-Fluorobiphenyl - RA	*56*		*39 - 130*	*11/10/25 16:17*	*11/18/25 15:47*	*1*

Lab Sample ID: LCS 860-274734/6-A
Matrix: Water
Analysis Batch: 276600

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 274734

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Naled - RA	2.86	1.64		ug/L		57	30 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr) - RA	*45*		*26 - 136*
2-Fluorophenol (Surr) - RA	*58*		*19 - 120*
p-Terphenyl-d14 (Surr) - RA	*54*		*28 - 130*
Phenol-d5 (Surr) - RA	*53*		*8 - 124*
Nitrobenzene-d5 (Surr) - RA	*56*		*32 - 133*
2-Fluorobiphenyl - RA	*59*		*39 - 130*

Lab Sample ID: LCSD 860-274734/7-A
Matrix: Water
Analysis Batch: 276600

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 274734

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Naled - RA	2.86	1.44	I	ug/L		50	30 - 150	13	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr) - RA	*40*		*26 - 136*
2-Fluorophenol (Surr) - RA	*55*		*19 - 120*
p-Terphenyl-d14 (Surr) - RA	*58*		*28 - 130*
Phenol-d5 (Surr) - RA	*50*		*8 - 124*
Nitrobenzene-d5 (Surr) - RA	*53*		*32 - 133*
2-Fluorobiphenyl - RA	*52*		*39 - 130*

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

Lab Sample ID: MB 860-274983/1-A
Matrix: Water
Analysis Batch: 275203

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 274983

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.10	0.044	ug/L		11/11/25 14:07	11/12/25 10:16	1
PCB-1221	ND		0.10	0.044	ug/L		11/11/25 14:07	11/12/25 10:16	1
PCB-1232	ND		0.10	0.044	ug/L		11/11/25 14:07	11/12/25 10:16	1
PCB-1242	ND		0.10	0.044	ug/L		11/11/25 14:07	11/12/25 10:16	1
PCB-1248	ND		0.10	0.044	ug/L		11/11/25 14:07	11/12/25 10:16	1
PCB-1254	ND		0.10	0.039	ug/L		11/11/25 14:07	11/12/25 10:16	1
PCB-1260	ND		0.10	0.039	ug/L		11/11/25 14:07	11/12/25 10:16	1
Polychlorinated biphenyls, Total	ND		0.10	0.039	ug/L		11/11/25 14:07	11/12/25 10:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*90*		*18 - 126*	*11/11/25 14:07*	*11/12/25 10:16*	*1*
DCB Decachlorobiphenyl (Surr)	*101*		*15 - 136*	*11/11/25 14:07*	*11/12/25 10:16*	*1*

Lab Sample ID: LCS 860-274983/4-A
Matrix: Water
Analysis Batch: 275203

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 274983

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	1.00	0.951		ug/L		95	60 - 140
PCB-1260	1.00	0.927		ug/L		93	37 - 140

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

Lab Sample ID: LCSD 860-274983/5-A
Matrix: Water
Analysis Batch: 275203

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 274983

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016	1.00	1.24	*1	ug/L		124	60 - 140	26	24
PCB-1260	1.00	1.19		ug/L		119	37 - 140	25	28

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*105*		*18 - 126*
DCB Decachlorobiphenyl (Surr)	*98*		*15 - 136*

Method: 615 - Herbicides (GC)

Lab Sample ID: MB 860-274464/1-A
Matrix: Water
Analysis Batch: 274680

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 274464

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	ND		0.00020	0.000054	mg/L		11/09/25 08:33	11/10/25 19:27	1
2,4,5-TP (Silvex)	ND		0.00020	0.000042	mg/L		11/09/25 08:33	11/10/25 19:27	1

Client: Pollution Control Services
Project/Site: 822064

Job ID: 860-116020-1

Method: 615 - Herbicides (GC) (Continued)

Lab Sample ID: MB 860-274464/1-A
Matrix: Water
Analysis Batch: 274680

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 274464

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	100		45 - 150	11/09/25 08:33	11/10/25 19:27	1

Lab Sample ID: LCS 860-274464/2-A
Matrix: Water
Analysis Batch: 274680

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 274464

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4-D	0.00200	0.00199		mg/L		99	55 - 145
2,4,5-TP (Silvex)	0.00200	0.00228		mg/L		114	55 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4-Dichlorophenylacetic acid	114		45 - 150

Lab Sample ID: LCSD 860-274464/3-A
Matrix: Water
Analysis Batch: 274680

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 274464

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4-D	0.00200	0.00204		mg/L		102	55 - 145	3	25
2,4,5-TP (Silvex)	0.00200	0.00214		mg/L		107	55 - 140	6	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4-Dichlorophenylacetic acid	112		45 - 150

GC/MS Semi VOA

Prep Batch: 274734

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-116020-1	822064	Total/NA	Water	3511	
860-116020-1 - RA	822064	Total/NA	Water	3511	
MB 860-274734/1-A	Method Blank	Total/NA	Water	3511	
MB 860-274734/1-A - RA	Method Blank	Total/NA	Water	3511	
LCS 860-274734/6-A	Lab Control Sample	Total/NA	Water	3511	
LCS 860-274734/6-A - RA	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-274734/7-A	Lab Control Sample Dup	Total/NA	Water	3511	
LCSD 860-274734/7-A - RA	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 275090

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-116020-1	822064	Total/NA	Water	8270E	274734
MB 860-274734/1-A	Method Blank	Total/NA	Water	8270E	274734
LCS 860-274734/6-A	Lab Control Sample	Total/NA	Water	8270E	274734
LCSD 860-274734/7-A	Lab Control Sample Dup	Total/NA	Water	8270E	274734

Analysis Batch: 276600

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-116020-1 - RA	822064	Total/NA	Water	8270E	274734
MB 860-274734/1-A - RA	Method Blank	Total/NA	Water	8270E	274734
LCS 860-274734/6-A - RA	Lab Control Sample	Total/NA	Water	8270E	274734
LCSD 860-274734/7-A - RA	Lab Control Sample Dup	Total/NA	Water	8270E	274734

GC Semi VOA

Prep Batch: 274464

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-116020-1	822064	Total/NA	Water	3511	
MB 860-274464/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-274464/2-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-274464/3-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 274680

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-116020-1	822064	Total/NA	Water	615	274464
MB 860-274464/1-A	Method Blank	Total/NA	Water	615	274464
LCS 860-274464/2-A	Lab Control Sample	Total/NA	Water	615	274464
LCSD 860-274464/3-A	Lab Control Sample Dup	Total/NA	Water	615	274464

Prep Batch: 274983

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-116020-1	822064	Total/NA	Water	608	
MB 860-274983/1-A	Method Blank	Total/NA	Water	608	
LCS 860-274983/4-A	Lab Control Sample	Total/NA	Water	608	
LCSD 860-274983/5-A	Lab Control Sample Dup	Total/NA	Water	608	

Analysis Batch: 275203

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-116020-1	822064	Total/NA	Water	608.3	274983
MB 860-274983/1-A	Method Blank	Total/NA	Water	608.3	274983
LCS 860-274983/4-A	Lab Control Sample	Total/NA	Water	608.3	274983

GC Semi VOA (Continued)

Analysis Batch: 275203 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 860-274983/5-A	Lab Control Sample Dup	Total/NA	Water	608.3	274983

Client: Pollution Control Services
Project/Site: 822064

Job ID: 860-116020-1

Client Sample ID: 822064
Date Collected: 11/05/25 07:00
Date Received: 11/07/25 09:02

Lab Sample ID: 860-116020-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3511			69.9 mL	4 mL	274734	11/11/25 14:03	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	275090	11/12/25 01:58	T1S	EET HOU
Total/NA	Prep	3511	RA		69.9 mL	4 mL	274734	11/11/25 14:03	DR	EET HOU
Total/NA	Analysis	8270E	RA	1	1 mL	1 mL	276600	11/18/25 18:07	LPL	EET HOU
Total/NA	Prep	608			500 mL	1 mL	274983	11/11/25 14:07	DR	EET HOU
Total/NA	Analysis	608.3		1			275203	11/12/25 14:10	WP	EET HOU
Total/NA	Prep	3511			49.7 mL	4 mL	274464	11/09/25 08:33	BH	EET HOU
Total/NA	Analysis	615		1			274680	11/10/25 23:43	KM	EET HOU

Laboratory References:

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

Accreditation/Certification Summary

Client: Pollution Control Services
Project/Site: 822064

Job ID: 860-116020-1

Laboratory: Eurofins Houston

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	06-30-26

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

Analysis Method	Prep Method	Matrix	Analyte
608.3	608	Water	Polychlorinated biphenyls, Total
8270E	3511	Water	Chlorpyrifos
8270E	3511	Water	Diazinon
8270E	3511	Water	Ethoprop
8270E	3511	Water	Merphos
8270E	3511	Water	Ronnel
8270E	3511	Water	Tokuthion

Method Summary

Client: Pollution Control Services
Project/Site: 822064

Job ID: 860-116020-1

Method	Method Description	Protocol	Laboratory
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET HOU
608.3	Polychlorinated Biphenyls (PCBs) (GC)	EPA	EET HOU
615	Herbicides (GC)	EPA-01	EET HOU
3511	Microextraction of Organic Compounds	SW846	EET HOU
608	Liquid-Liquid Extraction (Separatory Funnel)	EPA	EET HOU

Protocol References:

EPA = US Environmental Protection Agency

EPA-01 = "Methods For The Determination Of Nonconventional Pesticides In Municipal And Industrial Wastewater", EPA/821/R/92/002, April 1992.

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

Laboratory References:

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

Sample Summary

Client: Pollution Control Services
Project/Site: 822064

Job ID: 860-116020-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
860-116020-1	822064	Water	11/05/25 07:00	11/07/25 09:02	Texas

Login Sample Receipt Checklist

Client: Pollution Control Services

Job Number: 860-116020-1

Login Number: 116020
List Number: 1
Creator: Torres, Sandra

List Source: Eurofins Houston

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	5.6
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

Pollution Control Services
Sample Log-In Checklist

822064

PCS Sample No(s) 822064 **COC No.** ____

Client/Company Name: NBU **Checklist Completed by:** LMC

Sample Delivery to Lab Via:
Client Drop Off ✓ Commercial Carrier: Bus ____ UPS ____ Lone Star ____ FedEx ____ USPS ____
PCS Field Services: Collection/Pick Up ____ Other: ____

Sample Kit/Coolers
Sample Kit/Cooler? Yes ✓ No ____ Sample Kit/Cooler: Intact? Yes ✓ No ____
Custody Seals on Sample Kit/Cooler: Not Present ✓ If Present, Intact ____ Broken ____
Sample Containers Intact; Unbroken and Not Leaking? Yes ✓ No ____
Custody Seals on Sample Bottles: Not Present ✓ If Present, Intact ____ Broken ____
COC Present with Shipment or Delivery or Completed at Drop Off? Yes ✓ No ____
Has COC sample date/time and other pertinent information been provided by client/sampler? Yes: ✓ No: ____
Has COC been properly Signed when Received/Relinquished? Yes ✓ No ____
Does COC agree with Sample Bottle Information, Bottle Types, Preservation, etc.? Yes ✓ No ____
All Samples Received before Hold Time Expiration? Yes ✓ No ____
Sufficient Sample Volumes for Analysis Requested? Yes ✓ No ____
Zero Headspace in VOA Vial? Yes ____ No ____

Sample Preservation:
*** *Cooling:* Not Required** ____ or **Required** ✓
If cooling required, record temperature of submitted samples Observed/Corrected 5.9 / 6.3 °C
Is Ice Present in Sample Kit/Cooler? ✓ Yes ____ No Samples received same day as collected? ✓ Yes ____ No
Lab Thermometer Make and Serial Number: ennoLogic HDHC000015629 Other: ____

Acid Preserved Sample - If present, is pH <2? Yes ____ No ____ ** ____ H_2SO_4 ____ HNO_3 ____ H_3PO_4
Base Preserved Sample - If present, is pH >12? Yes ____ No ____ ____ NaOH
Other Preservation: ____ If Present, Meets Requirements? Yes ____ No ____
Sample Preservations Checked by: ____ Date ____ Time ____
pH paper used to check sample preservation (PCS log #): ____ (HEM pH checked at analysis).

Samples Preserved/Adjusted by Lab:	Lab #	Parameters Preserved	Preservative Used	Log #

Adjusted by Tech/Analyst: ____ Date : ____ Time: ____

Client Notification/ Documentation for "No" Responses Above/ Discrepancies/ RevisionComments
Person Notified: ____ Contacted by: ____
Notified Date: ____ Time: ____
Method of Contact: At Drop Off: ____ Phone ____ Left Voice Mail ____ E-Mail ____ Fax ____
Unable to Contact ____ Authorized Laboratory to Proceed : ____ (Lab Director)
Regarding / Comments: ____

Actions taken to correct problems/discrepancies: ____

Receiving qualifier needed (*requires client notification above*) Temp. ____ Holding Time ____ Initails: ____
Receiving qualifier entered into LIMS at login Initial/Date: ____
Revision Comments: ____