Administrative Package Cover Page

This file contains the following documents:

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

Portada de Paquete Administrativo

Este archivo contiene los siguientes documentos:

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

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

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

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

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

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

ENGLISH TEMPLATE FOR TPDES or TLAP NEW/RENEWAL/AMENDMENT APPLICATIONS DOMESTIC WASTEWATER/STORMWATER

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

North Texas Municipal Water District (CN601365448) operates Stewart Creek West Wastewater Treatment Plant (RN101607265), a domestic wastewater treatment plant. The facility is located at 5100 Fourth Army Drive, in Frisco, Denton County, Texas 75034. Through this application, North Texas Municipal Water District is requesting a renewal of permit no. WQ0014008001 to discharge 15 million gallons per day. Discharges from the facility are expected to contain Carbonaceous Biochemical Oxygen Demand (CBOD), Total Suspended Solids (TSS), Ammonia Nitrogen, and E. coli. Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7 Pollutant Analysis of Treated Effluent and Domestic Worksheet 4.0 in the permit application. Domestic wastewater is treated by grit chambers, primary clarifiers, aeration basins, secondary clarifiers, tertiary cloth filters, U.V. disinfection. Sludge from the clarifiers is processed with sludge holding tanks and belt filter presses. The dewatered sludge is disposed at the NTMWD 121 Regional Disposal Facility and C.M. Hinton Jr. Regional Landfill.

PLANTILLA EN ESPAÑOL PARA SOLICITUDES NUEVAS/RENOVACIONES/ENMIENDAS DE TPDES o TLAP

AGUAS RESIDUALES DOMÉSTICAS/AGUAS PLUVIALES

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

El Districto Municipal de Agua del Norte de Texas (CN601365448) opera la planta de tratamiento de aguas residuales de Stewart Creek West (RN101607265), una planta de tratamiento de aguas residuales domésticas. La instalación está ubicada en 5100 Fourth Army Drive, en Frisco, Condado de Denton, Texas 75034. A través de esta solicitud, el Distrito Municipal de Agua del Norte de Texas solicita la renovación del permiso numero WQ0014008001 para descargar 15 millones de galones por día. Se espera que las descargas de la instalación contengan demanda bioquímica de oxígeno bioquímico (CBOD), sólidos suspendidos totales (TSS), nitrógeno de amoníaco y E. coli. Se incluyen contaminantes potenciales adicionales en el Informe Técnico Nacional 1.0, Sección 7 Análisis de contaminantes de la Hoja de trabajo de efluentes tratados y domésticos 4.0 en la solicitud de permiso. Las aguas residuales domésticas son tratadas por cámaras de arena, clarificadores primarios, cuencas de aireación, clarificadores secundarios, filtros de tela terciaria, U.V. desinfección. El lodo de los clarificadores se procesa con tanques de sostenimiento de lodo y prensas de filtro de correa. Los lodos deshidratados se eliminan en la Instalación de Eliminación Regional NTMWD 121 y en el Vertedero Regional C.M. Hinton Jr.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

PERMIT NO. WQ0014008001

APPLICATION. North Texas Municipal Water District, P.O Box 2408, Wylie, Texas 75098, has applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0014008001 (EPA I.D. No. TX0103501) to authorize the discharge of treated wastewater at a volume not to exceed an annual average flow of 15,000,000 gallons per day. The domestic wastewater treatment facility is located at 5100 4th Army Drive, Frisco, in Denton County, Texas 75034. The discharge route is from the plant site to Stewart Creek; thence to Garza/Little Elm Reservoir portion of Lewisville Lake. TCEQ received this application on July 30, 2025. The permit application will be available for viewing and copying at Little Elm Public Library, 2nd Floor, 100 West Eldorado Parkway, Little Elm, in Denton County, Texas prior to the date this notice is published in the newspaper. The application, including any updates, and associated notices are available electronically at the following webpage: https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application. https://gisweb.tceq.texas.gov/LocationMapper/?marker=-96.85944,33.12&level=18

ALTERNATIVE LANGUAGE NOTICE. Alternative language notice in Spanish is available at: https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications. El aviso de idioma alternativo en español está disponible en https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications.

ADDITIONAL NOTICE. TCEQ's Executive Director has determined the application is administratively complete and will conduct a technical review of the application. After technical review of the application is complete, the Executive Director may prepare a draft permit and will issue a preliminary decision on the application. **Notice of the Application and Preliminary Decision will be published and mailed to those who are on the county-wide mailing list and to those who are on the mailing list for this application. That notice will contain the deadline for submitting public comments.**

PUBLIC COMMENT / PUBLIC MEETING. You may submit public comments or request a public meeting on this application. The purpose of a public meeting is to provide the opportunity to submit comments or to ask questions about the application. TCEQ will hold a public meeting if the Executive Director determines that there is a significant degree of public

interest in the application or if requested by a local legislator. A public meeting is not a contested case hearing.

OPPORTUNITY FOR A CONTESTED CASE HEARING. After the deadline for submitting public comments, the Executive Director will consider all timely comments and prepare a response to all relevant and material, or significant public comments. **Unless the application is directly referred for a contested case hearing, the response to comments, and the Executive Director's decision on the application, will be mailed to everyone who submitted public comments and to those persons who are on the mailing list for this application. If comments are received, the mailing will also provide instructions for requesting reconsideration of the Executive Director's decision and for requesting a contested case hearing.** A contested case hearing is a legal proceeding similar to a civil trial in state district court.

TO REQUEST A CONTESTED CASE HEARING, YOU MUST INCLUDE THE FOLLOWING ITEMS IN YOUR REQUEST: your name, address, phone number; applicant's name and proposed permit number; the location and distance of your property/activities relative to the proposed facility; a specific description of how you would be adversely affected by the facility in a way not common to the general public; a list of all disputed issues of fact that you submit during the comment period and, the statement "[I/we] request a contested case hearing." If the request for contested case hearing is filed on behalf of a group or association, the request must designate the group's representative for receiving future correspondence; identify by name and physical address an individual member of the group who would be adversely affected by the proposed facility or activity; provide the information discussed above regarding the affected member's location and distance from the facility or activity; explain how and why the member would be affected; and explain how the interests the group seeks to protect are relevant to the group's purpose.

Following the close of all applicable comment and request periods, the Executive Director will forward the application and any requests for reconsideration or for a contested case hearing to the TCEQ Commissioners for their consideration at a scheduled Commission meeting.

The Commission may only grant a request for a contested case hearing on issues the requestor submitted in their timely comments that were not subsequently withdrawn. **If a hearing is granted, the subject of a hearing will be limited to disputed issues of fact or mixed questions of fact and law relating to relevant and material water quality concerns submitted during the comment period.**

TCEQ may act on an application to renew a permit for discharge of wastewater without providing an opportunity for a contested case hearing if certain criteria are met.

MAILING LIST. If you submit public comments, a request for a contested case hearing or a reconsideration of the Executive Director's decision, you will be added to the mailing list for this specific application to receive future public notices mailed by the Office of the Chief Clerk. In addition, you may request to be placed on: (1) the permanent mailing list for a specific applicant name and permit number; and/or (2) the mailing list for a specific county. If you wish to be placed on the permanent and/or the county mailing list, clearly specify which list(s) and send your request to TCEQ Office of the Chief Clerk at the address below.

INFORMATION AVAILABLE ONLINE. For details about the status of the application, visit the Commissioners' Integrated Database at www.tceq.texas.gov/goto/cid. Search the database using the permit number for this application, which is provided at the top of this notice.

AGENCY CONTACTS AND INFORMATION. All public comments and requests must be submitted either electronically at **https://www14.tceq.texas.gov/epic/eComment/**, or in writing to the Texas Commission on Environmental Quality, Office of the Chief Clerk, MC-105, P.O. Box 13087, Austin, Texas 78711-3087. Please be aware that any contact information you provide, including your name, phone number, email address and physical address will become part of the agency's public record. For more information about this permit application or the permitting process, please call the TCEQ Public Education Program, Toll Free, at 1-800-687-4040 or visit their website at www.tceq.texas.gov/goto/pep. Si desea información en Español, puede llamar al 1-800-687-4040.

Further information may also be obtained from North Texas Municipal Water District at the address stated above or by calling Mr. Jerry Allen, Permitting Manager, at 469-626-4634.

Issuance Date: August 7, 2025

Comisión de Calidad Ambiental del Estado de Texas

AVISO DE RECIBO DE LA SOLICITUD Y
EL INTENTO DE OBTENER PERMISO PARA LA CALIDAD DEL AGUA
RENOVACION

PERMISO NO. WQ0014008001

SOLICITUD. Districto Municipal de Agua del Norte de Texas, Apartado Postal 2408, Wylie, Texas 75098, ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para renovar el Permiso No. WQ0014008001 (EPA I.D. No. TX 0103501) del Sistema de Eliminación de Descargas de Contaminantes de Texas (TPDES) para autorizar la descarga de aguas residuales tratadas en un volumen que no sobrepasa un flujo promedio anual de 15,000,000 galones por día. La planta está ubicada Calle 4 Army, 5100, Frisco, en el Condado de Denton, Texas 75034. La ruta de descarga es del sitio de la planta a Arroyo Stewart; y de ahí a Garza/Little Elm embalse. La TCEQ recibió esta solicitud el 30 de Julio del 2025. La solicitud para el permiso estará disponible para leerla y copiarla en la biblioteca publica de Little Elm, segundo piso, 100 Oeste Eldorado Parkway, Little Elm, en el condado de Denton, Texas antes de la fecha de publicación de este aviso en el periódico. La solicitud (cualquier actualización y aviso inclusive) está disponible electrónicamente en la siguiente página web: https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications. Este enlace a un mapa electrónico de la ubicación general del sitio o de la instalación es proporcionado como una cortesía y no es parte de la solicitud o del aviso. Para la ubicación exacta, consulte la solicitud. https://gisweb.tceq.texas.gov/LocationMapper/?marker=-96.85944,33.12&level=18

AVISO DE IDIOMA ALTERNATIVO. El aviso de idioma alternativo en español está disponible en https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications.

AVISO ADICIONAL. El Director Ejecutivo de la TCEQ ha determinado que la solicitud es administrativamente completa y conducirá una revisión técnica de la solicitud. Después de completar la revisión técnica, el Director Ejecutivo puede preparar un borrador del permiso y emitirá una Decisión Preliminar sobre la solicitud. **El aviso de la solicitud y la decisión preliminar serán publicados y enviado a los que están en la lista de correo de las personas a lo largo del condado que desean recibir los avisos y los que están en la lista de correo que desean recibir avisos de esta solicitud. El aviso dará la fecha límite para someter comentarios públicos.**

COMENTARIO PUBLICO / REUNION PUBLICA. Usted puede presentar comentarios públicos o pedir una reunión pública sobre esta solicitud. El propósito de una reunión pública es dar la oportunidad de presentar comentarios o hacer preguntas acerca de la solicitud. La TCEQ

realiza una reunión pública si el Director Ejecutivo determina que hay un grado de interés público suficiente en la solicitud o si un legislador local lo pide. Una reunión pública no es una audiencia administrativa de lo contencioso.

OPORTUNIDAD DE UNA AUDIENCIA ADMINISTRATIVA DE LO CONTENCIOSO. Después del plazo para presentar comentarios públicos, el Director Ejecutivo considerará todos los comentarios apropiados y preparará una respuesta a todo los comentarios públicos esenciales, pertinentes, o significativos. **A menos que la solicitud haya sido referida directamente a una audiencia administrativa de lo contencioso, la respuesta a los comentarios y la decisión del Director Ejecutivo sobre la solicitud serán enviados por correo a todos los que presentaron un comentario público y a las personas que están en la lista para recibir avisos sobre esta solicitud. Si se reciben comentarios, el aviso también proveerá instrucciones para pedir una reconsideración de la decisión del Director Ejecutivo y para pedir una audiencia administrativa de lo contencioso.** Una audiencia administrativa de lo contencioso es un procedimiento legal similar a un procedimiento legal civil en un tribunal de distrito del estado.

PARA SOLICITAR UNA AUDIENCIA DE CASO IMPUGNADO, USTED DEBE INCLUIR EN SU SOLICITUD LOS SIGUIENTES DATOS: su nombre, dirección, y número de teléfono; el nombre del solicitante y número del permiso; la ubicación y distancia de su propiedad/actividad con respecto a la instalación; una descripción específica de la forma cómo usted sería afectado adversamente por el sitio de una manera no común al público en general; una lista de todas las cuestiones de hecho en disputa que usted presente durante el período de comentarios; y la declaración "[Yo/nosotros] solicito/solicitamos una audiencia de caso impugnado". Si presenta la petición para una audiencia de caso impugnado de parte de un grupo o asociación, debe identificar una persona que representa al grupo para recibir correspondencia en el futuro; identificar el nombre y la dirección de un miembro del grupo que sería afectado adversamente por la planta o la actividad propuesta; proveer la información indicada anteriormente con respecto a la ubicación del miembro afectado y su distancia de la planta o actividad propuesta; explicar cómo y porqué el miembro sería afectado; y explicar cómo los intereses que el grupo desea proteger son pertinentes al propósito del grupo.

Después del cierre de todos los períodos de comentarios y de petición que aplican, el Director Ejecutivo enviará la solicitud y cualquier petición para reconsideración o para una audiencia de caso impugnado a los Comisionados de la TCEQ para su consideración durante una reunión programada de la Comisión.

La Comisión sólo puede conceder una solicitud de una audiencia de caso impugnado sobre los temas que el solicitante haya presentado en sus comentarios oportunos que no fueron retirados posteriormente. **Si se concede una audiencia, el tema de la audiencia estará limitado a cuestiones de hecho en disputa o cuestiones mixtas de hecho y de derecho relacionadas a intereses pertinentes y materiales de calidad del agua que se hayan presentado durante el período de comentarios. Si ciertos criterios se cumplen, la TCEQ puede actuar sobre una solicitud para renovar un permiso sin proveer una oportunidad de una audiencia administrativa de lo contencioso.**

LISTA DE CORREO. Si somete comentarios públicos, un pedido para una audiencia administrativa de lo contencioso o una reconsideración de la decisión del Director Ejecutivo,

la Oficina del Secretario Principal enviará por correo los avisos públicos en relación con la solicitud. Además, puede pedir que la TCEQ ponga su nombre en una o más de las listas correos siguientes (1) la lista de correo permanente para recibir los avisos del solicitante indicado por nombre y número del permiso específico y/o (2) la lista de correo de todas las solicitudes en un condado especifico. Si desea que se agrega su nombre en una de las listas designe cual lista(s) y envía por correo su pedido a la Oficina del Secretario Principal de la TCEQ.

INFORMACIÓN DISPONIBLE EN LÍNEA. Para detalles sobre el estado de la solicitud, favor de visitar la Base de Datos Integrada de los Comisionados en www.tceq.texas.gov/goto/cid. Para buscar en la base de datos, utilizar el número de permiso para esta solicitud que aparece en la parte superior de este aviso.

CONTACTOS E INFORMACIÓN A LA AGENCIA. Todos los comentarios públicos y solicitudes deben ser presentadas electrónicamente vía http://www14.tceq.texas.gov/epic/eComment/o por escrito dirigidos a la Comisión de Texas de Calidad Ambiental, Oficial de la Secretaría (Office of Chief Clerk), MC-105, P.O. Box 13087, Austin, Texas 78711-3087. Tenga en cuenta que cualquier información personal que usted proporcione, incluyendo su nombre, número de teléfono, dirección de correo electrónico y dirección física pasarán a formar parte del registro público de la Agencia. Para obtener más información acerca de esta solicitud de permiso o el proceso de permisos, llame al programa de educación pública de la TCEQ, gratis, al 1-800-687-4040. Si desea información en Español, puede llamar al 1-800-687-4040.

También se puede obtener información adicional del North Texas Municipal Water District a la dirección indicada arriba o llamando a Jerry Allen al 469-626-4634.

Fecha de emisión: 7 de agosto de 2025

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

July 30, 2025

Re: Confirmation of Submission of the Renewal without changes for Public Domestic Wastewater Authorization.

Dear Applicant:

This is an acknowledgement that you have successfully completed Renewal without changes for the Public Domestic Wastewater authorization.

ER Account Number: ER112295
Application Reference Number: 802045
Authorization Number: WQ0014008001
Site Name: Stewart Creek West WWTP
Regulated Entity: RN101607265 - Stewart Creek West Wastewater Treatment Plant
Customer(s): CN601365448 - North Texas Municipal Water District

Please be aware that TCEQ staff may contact your designated contact for any additional information.

If you have any questions, you may contact the Applications Review and Processing Team by email at WQ-ARPTeam@tceq.texas.gov or by telephone at (512) 239-4671.

Sincerely,
Applications Review and Processing Team
Water Quality Division

Texas Commission on Environmental Quality

Update Domestic or Industrial Individual Permit

WQ0014008001

Site Information (Regulated Entity)

What is the name of the site to be authorized?	STEWART CREEK WEST WWTP
Does the site have a physical address?	Yes
Physical Address	
Number and Street	5100 4TH ARMY DR
City	FRISCO
State	TX
ZIP	75034
County	DENTON
Latitude (N) (##.######)	33.12
Longitude (W) (-###.######)	-96.85944
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)?	RN101607265
What is the name of the Regulated Entity (RE)?	STEWART CREEK WEST WASTEWATER TREATMENT PLANT
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	5100 4TH ARMY DR
City	FRISCO
State	TX
ZIP	75034
County	DENTON
Latitude (N) (##.######)	33.120108
Longitude (W) (-###.######)	-96.859344
Facility NAICS Code	
What is the primary business of this entity?	DOMESTIC WASTEWATER

North T-Customer (Applicant) Information (Owner)

How is this applicant associated with this site?	Owner
What is the applicant's Customer Number (CN)?	CN601365448
Type of Customer	Local Government
Full legal name of the applicant:	
Legal Name	North Texas Municipal Water District
Texas SOS Filing Number	
Federal Tax ID	756004258
State Franchise Tax ID	
State Sales Tax ID	
Local Tax ID	

DUNS Number	77608933
Number of Employees	501+
Independently Owned and Operated?	Yes
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	North Texas Municipal Water District
Prefix	
First	JENNAFER
Middle	
Last	COVINGTON
Suffix	
Credentials	
Title	EXECUTIVE DIRECTOR
Responsible Authority Mailing Address	
Enter new address or copy one from list:	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 2408
Routing (such as Mail Code, Dept., or Attn:)	
City	WYLIE
State	TX
ZIP	75098
Phone (###-###-####)	9724425405
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	JCOVINGTON@NTMWD.COM

Billing Contact

Responsible contact for receiving billing statements:	
Select the permittee that is responsible for payment of the annual fee.	CN601365448, North Texas Municipal Water District
Organization Name	NORTH TEXAS MUNICIPAL WATER DISTRICT
Prefix	
First	HUNTER
Middle	
Last	STEPHENS
Suffix	
Credentials	
Title	DIRECTOR OF WASTEWATER
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 2408
Routing (such as Mail Code, Dept., or Attn:)	
City	WYLIE
State	TX
ZIP	75098

Phone (###-###-####)	4696264921
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	HSTEPHENS@NTMWD.COM

Application Contact

Person TCEQ should contact for questions about this application:

Same as another contact?	
Organization Name	NORTH TEXAS MUNICIPAL WATER DISTRICT
Prefix	MR
First	JERRY
Middle	
Last	ALLEN
Suffix	
Credentials	
Title	PERMITTING MANAGER
Enter new address or copy one from list:	

Mailing Address

Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 2408
Routing (such as Mail Code, Dept., or Attn:)	
City	WYLIE
State	TX
ZIP	75098
Phone (###-###-####)	4696264634
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	JALLEN@NTMWD.COM

Technical Contact

Person TCEQ should contact for questions about this application:

Same as another contact?	Application Contact
Organization Name	NORTH TEXAS MUNICIPAL WATER DISTRICT
Prefix	MR
First	JERRY
Middle	
Last	ALLEN
Suffix	
Credentials	
Title	PERMITTING MANAGER
Enter new address or copy one from list:	

Mailing Address

Address Type	Domestic

Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 2408
Routing (such as Mail Code, Dept., or Attn:)	
City	WYLIE
State	TX
ZIP	75098
Phone (###-###-####)	4696264634
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	JALLEN@NTMWD.COM

DMR Contact

Person responsible for submitting Discharge Monitoring Report Forms:	
Same as another contact?	Billing Contact
Organization Name	NORTH TEXAS MUNICIPAL WATER DISTRICT
Prefix	
First	HUNTER
Middle	
Last	STEPHENS
Suffix	
Credentials	
Title	DIRECTOR OF WASTEWATER
Enter new address or copy one from list:	
Mailing Address:	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 2408
Routing (such as Mail Code, Dept., or Attn:)	
City	WYLIE
State	TX
ZIP	75098
Phone (###-###-####)	4696264921
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	HSTEPHENS@NTMWD.COM

Section 1# Permit Contact

Permit Contact#: 1

Person TCEQ should contact throughout the permit term.

1) Same as another contact?	Technical Contact
2) Organization Name	NORTH TEXAS MUNICIPAL WATER DISTRICT
3) Prefix	MR
4) First	JERRY
5) Middle	

6) Last	ALLEN
7) Suffix	
8) Credentials	
9) Title	PERMITTING 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)	PO BOX 2408
11.2) Routing (such as Mail Code, Dept., or Attn:)	
11.3) City	WYLIE
11.4) State	TX
11.5) ZIP	75098
12) Phone (###-###-####)	4696264634
13) Extension	
14) Alternate Phone (###-###-####)	
15) Fax (###-###-####)	
16) E-mail	JALLEN@NTMWD.COM

Section 2# Permit Contact

Permit Contact#: 2

Person TCEQ should contact throughout the permit term.

1) Same as another contact?	
2) Organization Name	NORTH TEXAS MUNICIPAL WATER DISTRICT
3) Prefix	
4) First	SARAH
5) Middle	
6) Last	BURNS
7) Suffix	
8) Credentials	
9) Title	PERMIT SUPERVISOR
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)	PO BOX 2408
11.2) Routing (such as Mail Code, Dept., or Attn:)	
11.3) City	WYLIE
11.4) State	TX
11.5) ZIP	75098
12) Phone (###-###-####)	4696264632
13) Extension	
14) Alternate Phone (###-###-####)	
15) Fax (###-###-####)	
16) E-mail	SBURNS@NTMWD.COM

Owner Information

Owner of Treatment Facility

1) Prefix	
2) First and Last Name	
3) Organization Name	NORTH TEXAS MUNICIPAL WATER DISTRICT
4) Mailing Address	P.O. BOX 2408
5) City	WYLIE
6) State	TX
7) Zip Code	75098
8) Phone (###-###-####)	9724425405
9) Extension	
10) Email	JCOVINGTON@NTMWD.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	CITY OF FRISCO
15) Mailing Address	6101 FRISCO SQUARE BLVD
16) City	FRISCO
17) State	TX
18) Zip Code	75034
19) Phone (###-###-####)	9722925000
20) Extension	
21) Email	WPIERSON@FRISCO.TEXAS.GOV
22) Is the landowner the same person as the facility owner or co-applicant?	No

General Information Renewal-Amendment

1) Current authorization expiration date:	01/29/2026
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?	10
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?	TX0103501
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):	FRISCO
6.5) County where the outfalls are located:	DENTON
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 ditch?	No
6.7) Is the daily average discharge at your facility of 5 MGD or more?	Yes
6.7.1) Provide the names of all counties located within 100 statute miles downstream of the point(s) of discharge:	ANDERSON|DALLAS|DENTON|ELLIS|HENDERSON|KAUFMAN|NAVARRO|ROCKWALL|FREESTONE

7) Did any person formerly employed by the TCEQ represent your company and get paid for service regarding this application?	No

Public Notice Information

Individual Publishing the Notices	
1) Prefix	
2) First and Last Name	JERRY ALLEN
3) Credential	
4) Title	PERMITTING MANAGER
5) Organization Name	NORTH TEXAS MUNICIPAL WATER DISTRICT
6) Mailing Address	PO BOX 2408
7) Address Line 2	
8) City	WYLIE
9) State	TX
10) Zip Code	75098
11) Phone (###-###-####)	4696264634
12) Extension	
13) Fax (###-###-####)	
14) Email	JALLEN@NTMWD.COM
Contact person to be listed in the Notices	
15) Prefix	
16) First and Last Name	JERRY ALLEN
17) Credential	
18) Title	PERMITTING MANAGER
19) Organization Name	NORTH TEXAS MUNICIPAL WATER DISTRICT
20) Phone (###-###-####)	4696264634
21) Fax (###-###-####)	
22) Email	JALLEN@NTMWD.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	DENTON
2) Public building name	Little Elm Public Library
3) Location within the building	2nd Floor
4) Physical Address of Building	100 W. ELDORADO PKWY

5) City	LITTLE ELM
6) Contact Name	DIANA SLAVINSKY
7) Phone (###-###-####)	2149750435
8) Extension	
9) Is the location open to the public?	Yes

Lease Agreement or Deed Attachment

1) Attach a lease agreement or deed recorded easement

[File Properties]

File Name	LEASE_Stewart Creek West WWTP - Wastewater System Contract.pdf
Hash	F46C6F397220E51F7CDB528C356B026C3F58440132DBFC9639F8E803E4857484
MIME-Type	application/pdf

Plain Language

1) Plain Language

[File Properties]

File Name	LANG_Plain Language Summary.pdf
Hash	715745EF2FB25F3440DA84EC43523983B1A4EDAEF1C26C7FE0B082D14183CF68
MIME-Type	application/pdf

Supplemental Permit Information Form

1) Supplemental Permit Information Form (SPIF)

[File Properties]

File Name	SPIF_SPIF.pdf
Hash	3A74DEB361E2E36251E988313BED474E0F558BBA58DA2822CDFA7920FF818EBD
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_USGS Topo Map.pdf
Hash	AE2B699EE19D5A4BB05F1251ADA3E62B0E60181B7CD3907FB9692BA321E04DF7
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_Technical Report (1).pdf
Hash	52A791125AC1B89E59619C8006209739CD75C8A892156368E37C7BACA1D5BA48
MIME-Type	application/pdf

3) Buffer Zone Map

4) Flow Diagram

[File Properties]

File Name	FLDIA_Flow Diagram.pdf
Hash	7E05D3B2580C18F3C6DCA17FF7F5021FABDF669C4504D243E071A1EB92C8EA02
MIME-Type	application/pdf

5) Site Drawing

[File Properties]

File Name	SITEDR_Site Drawing.pdf
Hash	CB858F380E492ED2310528E6390771F3F7D61BDC750F3CF9CA67333C71727A9F
MIME-Type	application/pdf

6) Design Calculations

[File Properties]

File Name	DES_CAL_Design Calcuations (Not Required for Renewal).pdf
Hash	854180FDBB9CF72D767C4F9EC7634D1C930C2B55F092A6E86AAD5ED02B985CF4
MIME-Type	application/pdf

7) Solids Management Plan

8) Water Balance

9) Other Attachments

Certification

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

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

1. I am Jennafer Covington, the owner of the STEERS account ER108121.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.

7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Update Domestic or Industrial Individual Permit WQ0014008001.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OWNER Signature: Jennafer Covington OWNER

Customer Number:	CN601365448
Legal Name:	North Texas Municipal Water District
Account Number:	ER108121
Signature IP Address:	205.166.116.4
Signature Date:	2025-07-29
Signature Hash:	B27378DF90A45F1EE5D3A76C993DFA2A477E4EAF0E92A4826303FA58ED8725E5
Form Hash Code at time of Signature:	45F831C9D735C844DBAD85374A84DFE22BF1EC047C079E6AC348C4E767F0100E

Fee Payment

Transaction by:	The application fee payment transaction was made by ER112295/Keith White
Paid by:	The application fee was paid by JOEL NICKERSON
Fee Amount:	$2000.00
Paid Date:	The application fee was paid on 2025-07-30
Transaction/Voucher number:	The transaction number is 582EA000678621 and the voucher number is 777142

Submission

Reference Number:	The application reference number is 802045
Submitted by:	The application was submitted by ER112295/Keith White
Submitted Timestamp:	The application was submitted on 2025-07-30 at 11:38:35 CDT
Submitted From:	The application was submitted from IP address 205.166.116.4
Confirmation Number:	The confirmation number is 667957
Steers Version:	The STEERS version is 6.92
Permit Number:	The permit number is WQ0014008001

Additional Information

Application Creator: This account was created by Keith White

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

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

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

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

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

ENGLISH TEMPLATE FOR TPDES or TLAP NEW/RENEWAL/AMENDMENT APPLICATIONS DOMESTIC WASTEWATER/STORMWATER

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

North Texas Municipal Water District (CN601365448) operates Stewart Creek West Wastewater Treatment Plant (RN101607265), a domestic wastewater treatment plant. The facility is located at 5100 Fourth Army Memorial Drive, in Frisco, Denton County, Texas 75034. The application is for a renewal of the permit. Discharges from the facility are expected to contain Carbonaceous Biochemical Oxygen Demand (CBOD), Total Suspended Solids (TSS), Ammonia Nitrogen, and E. coli. Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7 Pollutant Analysis of Treated Effluent and Domestic Worksheet 4.0 in the permit application. Domestic wastewater is treated by grit chambers, primary clarifiers, aeration basins, secondary clarifiers, tertiary cloth filters, U.V. disinfection. Sludge from the clarifiers is processed with sludge holding tanks and belt filter presses. The dewatered sludge is disposed at the NTMWD 121 Regional Disposal Facility and C.M. Hinton Jr. Regional Landfill.

PLANTILLA EN ESPAÑOL PARA SOLICITUDES NUEVAS/RENOVACIONES/ENMIENDAS DE TPDES o TLAP

AGUAS RESIDUALES DOMÉSTICAS/AGUAS PLUVIALES

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

North Texas Municipal Water District (CN601365448) opera la planta de tratamiento de aguas residuales de Stewart Creek West (RN101607265), una planta de tratamiento de aguas residuales domésticas. La instalación está ubicada en 5100 Fourth Army Memorial Drive, en Frisco, Condado de Denton, Texas 75034. La solicitud es para una renovación del permiso. Se espera que las descargas de la instalación contengan demanda bioquímica de oxígeno bioquímico (CBOD), sólidos suspendidos totales (TSS), nitrógeno de amoníaco y E. coli. Se incluyen contaminantes potenciales adicionales en el Informe Técnico Nacional 1.0, Sección 7 Análisis de contaminantes de la Hoja de trabajo de efluentes tratados y domésticos 4.0 en la solicitud de permiso. Las aguas residuales domésticas son tratadas por cámaras de arena, clarificadores primarios, cuencas de aireación, clarificadores secundarios, filtros de tela terciaria, U.V. desinfección. El lodo de los clarificadores se procesa con tanques de sostenimiento de lodo y prensas de filtro de correa. Los lodos deshidratados se eliminan en la Instalación de Eliminación Regional NTMWD 121 y en el Vertedero Regional C.M. Hinton Jr.

Stewart Creek West WWTP USGS Topographic Map

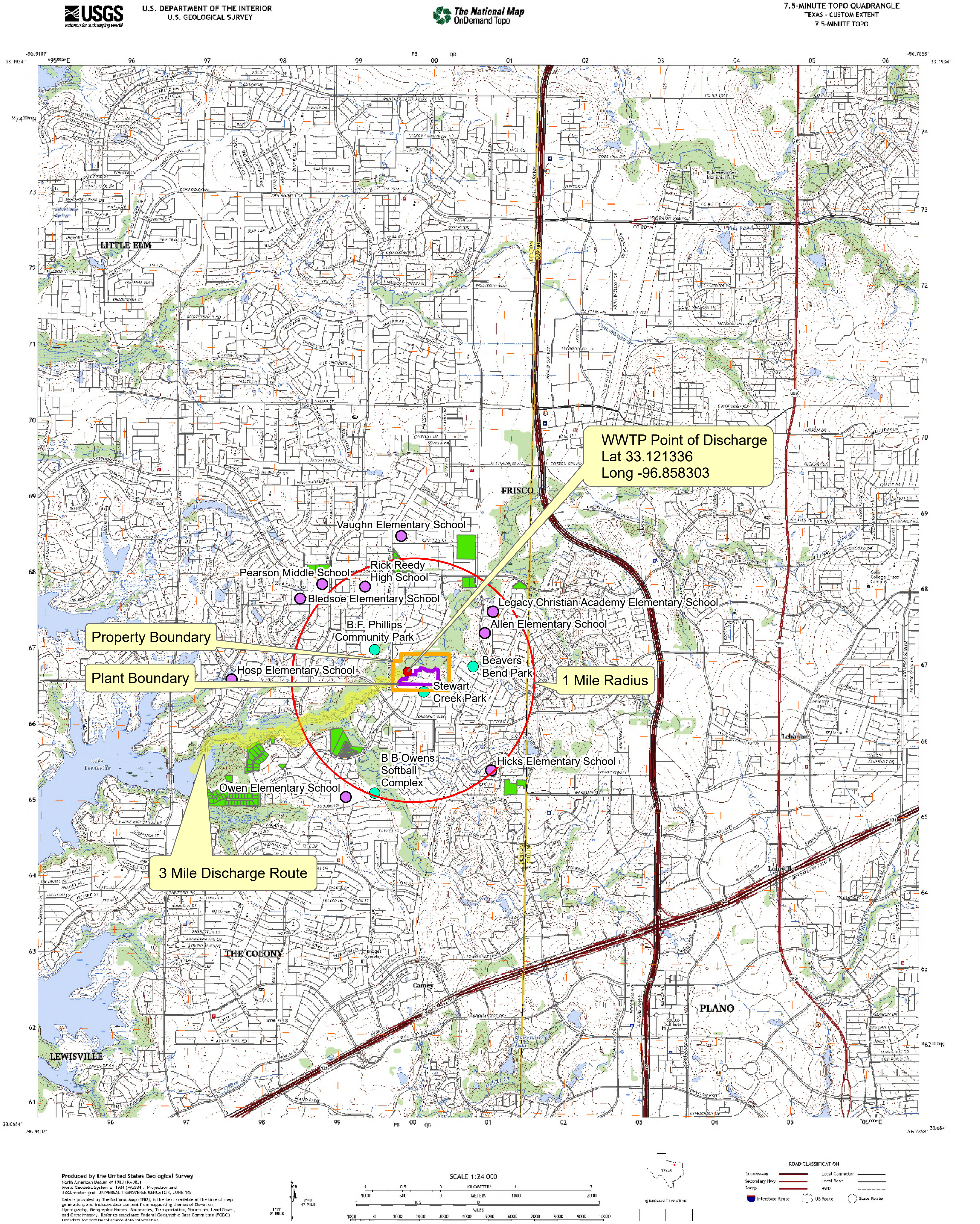
Legend

- Point of Discharge (POD)
- 3 Mile Discharge Route
- 1 Mile Radius
- Plant Boundary
- Property Boundary
- Nearby Schools 2025
- Nearby Parks 2025
- Nearby Development 2025

Note: There are no springs, monitoring wells or sewage treatment facilities located within one mile of the Stewart Creek West WWTP. There are no effluent disposal sites, sludge disposal, or storage/evaporation/holding ponds associated with this WWTP.

N

0 0.5 1 Miles



Stewart Creek West WWTP USGS Topographic Map

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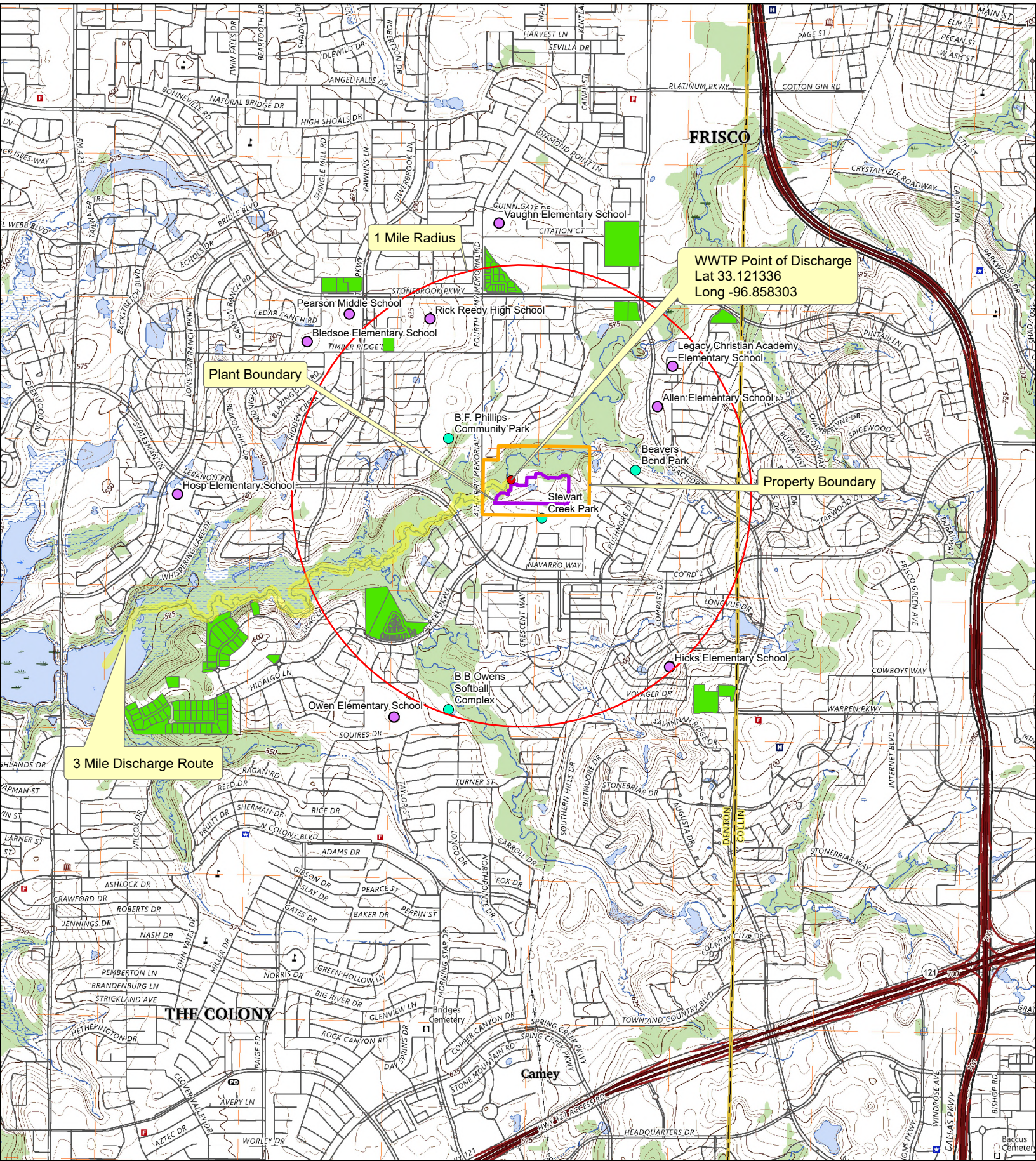
N

0 0.5 1 Miles



ATTACHMENT AR-2

WASTEWATER SYSTEM CONTRACT

THE STATE OF TEXAS :
COUNTIES OF COLLIN, DALLAS, KAUFMAN, AND ROCKWALL :
NORTH TEXAS MUNICIPAL WATER DISTRICT :

STEWART CREEK WEST REGIONAL WASTEWATER SYSTEM AMENDATORY CONTRACT

RECITALS

WHEREAS, North Texas Municipal Water District (the "District") is a conservation and reclamation district created and functioning under Article 16, Section 59 of the Texas Constitution, pursuant to Chapter 62, Acts of the 52nd Legislature of the State of Texas, Regular Session, 1951, as amended, (the "District Act"), with the authority to provide and develop a Regional System for Wastewater Treatment in the general area of portions of the Trinity River lying in Collin and Denton Counties;

WHEREAS, capitalized terms used in these Recitals and not defined in these Recitals, shall have the meanings given to them in Section 1.01 hereof;

WHEREAS, The City of The Colony ("The Colony"), a home rule municipality located in Denton County, Texas and the City of Frisco ("Frisco"), a home rule municipality located in Collin and Denton Counties, Texas have entered into a "Stewart Creek West Regional Wastewater System Contract," dated as of May 28, 1998 (the "Original Contract"), with the District;

WHEREAS, pursuant to the Original Contract, the District has issued its "North Texas Municipal Water District Stewart Creek Wastewater System Contract Revenue Bonds, Series 2004" (the "Outstanding Bonds");

WHEREAS, pursuant to the Original Contract, the District has acquired and improved the System for the purpose of providing facilities to receive, transport, treat, and dispose of Wastewater from The Colony and Frisco;

WHEREAS, under the Original Contract each of The Colony and Frisco is obligated to pay its respective proportionate share of the Annual Requirement (as defined in the Original Contract), which proportionate shares are based upon each Participant's minimum "contributing flow to the System";

WHEREAS, The Colony has never actually delivered any Wastewater flow to the System;

WHEREAS, The Colony sued Frisco and the District for various causes of action arising out of the Original Contract;

WHEREAS, in settlement of all of such causes of action, The Colony, Frisco, and the District executed a Settlement Agreement, dated February 25, 2010 (the "Settlement Agreement");

WHEREAS, pursuant to the Settlement Agreement, The Colony and Frisco executed a Relinquishment Agreement, dated February 16, 2010 (the "Relinquishment Agreement") pursuant to which Frisco agreed to make certain payments to the District on behalf of the Colony in return for The Colony's agreement to relinquish its right to Wastewater service under the Original Contract;

WHEREAS, the District and Frisco desire to improve and expand the System and, subject to the provisions of this Contract with respect to Additional Participants, Frisco is willing to pay the Bond Service Component for Bonds issued to provide funds for such improvement and expansion;

WHEREAS, in order to provide that The Colony shall have no liability for Bonds issued to provide funds for such improvement and expansion of the System, Bonds issued to refinance the Outstanding Bonds, or Bonds issued in the future for either of such purposes, it is necessary for the District and Frisco to enter into this Contract;

WHEREAS, the Original Contract provides that the Original Contract remains in force until all bonds, including refunding bonds, in either case issued under the Original Contract, have been paid in full, and remains in force thereafter throughout the useful life of the System;

WHEREAS, Frisco and the District are willing to terminate the Original Contract and enter into this Amendatory Contract;

WHEREAS, subject to the provisions of this Contract with respect to Additional Participants, Frisco is willing to pay all amounts necessary to pay the Bond Service Component for Bonds issued to refinance the Outstanding Bonds;

WHEREAS, the parties hereto are entering into this contract in order to control water pollution, and protect, improve, and enhance the water quality of the Trinity River and the water supplies impounded therein; and

WHEREAS, the District and Frisco are authorized to make and enter into this Contract under the District Act, Chapter 30, Texas Water Code, as amended (the "Water Code"), and other applicable laws;

WHEREAS, the parties hereto recognize these facts:

(a) That the District will use the payments to be received under this Contract and similar contracts, if any, for the payment of the principal of, redemption premium, if any, and interest on its Bonds, and to establish and maintain debt service reserves and other funds if and as provided in any Bond Resolution and, after the Original Contract Termination Date, for the payment of Operation and Maintenance Expense of the System; and that the revenues under this Contract will be pledged to such purposes; and

(b) That contracts similar to this instrument may be executed between the District and subsequent Additional Participants; and

(c) That the District will issue Bonds from time to time in the future to acquire, construct, extend, enlarge, improve, and/or repair the System.

NOW, THEREFORE, the District and Frisco hereby contract and agree as follows:

ARTICLE I

DEFINITIONS

Section 1.01. DEFINITION OF TERMS. In addition to the definitions stated in the preamble hereof, the terms and expressions as hereinafter used in this contract, unless the context clearly shows otherwise, shall have the following meanings:

(a) "Additional Participants" means any city or cities in addition to Frisco with which the District makes a contract for receiving, transporting, treating, and/or disposing of Wastewater through the System.

(b) "Adjusted Annual Payment" means the Annual Payment, as adjusted in accordance with Section 5.03 of this Contract during or after each Fiscal Year.

(c) "Annual Payment" means the amount of money estimated as provided in Section 5.03 of this Contract to be paid to the District by Participants as their proportionate share of the Annual Requirement.

(d) "Annual Requirement" means the total amount of money required for the District to pay all Operation and Maintenance Expense of the System and to pay the principal of, and redemption premium, if any, and interest on its Bonds, including all charges and expenses of the paying agents and registrars for its Bonds, and to pay any amounts required to be deposited in any special or reserve funds, including a debt service reserve fund and a repair and replacement fund, as required to be established and/or maintained by the provisions of any Bond Resolution.

(e) "Bond Resolution" means any resolution of the Board of Directors of the District authorizing the issuance of Bonds and providing for their security and payment, as such resolution(s) may be amended from time to time as therein permitted.

(f) "Bonds" means any bonds, notes, or other obligations to be issued by the District pursuant to this Contract for the acquisition, construction, enlargement, improvement, extension, repair, or replacement of the System or any part thereof, or for the refunding of any or all bonds, notes, or other obligations of the District issued for any of such purposes, or for the refunding of any or all refunding bonds, notes, or other obligations, whether in one or several issues.

(g) "Contingency Fund" means the fund by that name established in Section 5.03(g) hereof.

(h) "Contract", or "this contract", means this Stewart Creek West Regional Wastewater System Amendatory Contract, between Frisco and the District and all similar contracts, if any, executed between the District and Additional Participants.

(i) "District's System", "Regional System", "Regional Wastewater System", or "System" means all of the District's facilities acquired, constructed, used, or operated by the District for receiving, transporting, treating, and disposing of Wastewater of and for Participants, pursuant to the Original Contract and this Contract (but excluding any facilities acquired or constructed with Special Facilities Bonds, and excluding any facilities required to transport Wastewater to any Point of Entry of the District's System), together with any improvements, enlargements, or additions to said System facilities and any extensions, repairs, or replacements of said System facilities acquired, constructed, used, operated, or otherwise incorporated into or made a part of said System facilities in the future by the District. Said terms shall include only those facilities which are acquired, constructed, used, or operated by the District to provide service to Participants pursuant to this Contract, and which, as determined by the District, can economically and efficiently provide service to Participants. Said terms do not include any District facilities which provide Wastewater services of any kind to cities, political subdivisions, or persons which are not Participants, nor do they in any way include or affect the District's water supply system.

(j) "Engineering Report" means the report on a Proposed Regional Wastewater System for the Cities of Frisco and The Colony, Denton and Collin Counties, Texas, Dated February, 1997, by Hunter Associates, Texas, Ltd., Consulting Engineers, Dallas, Texas, as such Report has been or may be supplemented or amended.

(k) "Fiscal Year" means the twelve (12) month period beginning each October 1 and ending the following September 30, or such other twelve (12) month period as may be established in the future to constitute the District's Fiscal Year.

(l) "Local Wastewater Facilities" means the waste collection and treatment facilities owned and operated by the Participants.

(m) "Operation and Maintenance Expense" means all costs of operation and maintenance of the District's System including, but not limited to, repairs and replacements for which no special fund is created in a Bond Resolution, the cost of utilities, supervision, engineering, accounting, auditing, legal services, insurance premiums, and any other supplies, services, administrative costs, and equipment necessary for proper operation and maintenance of the District's System, any payments required to be made hereunder into the Contingency Fund, payments made for the use of operation of any property, payments of fines, and payments made by the District in satisfaction of judgments or other liabilities resulting from claims not covered by the District's insurance or not paid by one particular Participant arising in connection with the operation and maintenance of the District's System. Depreciation shall not be considered an item of Operation and Maintenance Expense.

(n) "Original Contract Termination Date" means the date of termination of the Original Contract as specified in writing to the District by The Colony at any time after the effective date of this Contract.

(o) "Participants" means Frisco and all Additional Participants.

(p) "Participant" means any of the Participants.

(q) "Point of Entry" means any point at which Wastewater enters the property on which any Wastewater treatment plant operated by the District is located, as shown on Exhibit A hereto, and such additional point or points, if any, agreed upon by the District and a Participant in the future.

(r) "Special Facilities Bonds", means revenue obligations of the District which are not secured by or payable from Annual Payments under this Contract, but which are payable solely from other sources; but Special Facilities Bonds may be made payable from payments from any person, including any Participant, under a separate contract whereunder the facilities to be acquired or constructed are declared not to be part of the System and are not made payable from the Annual Payments as defined in this Contract.

(s) "Wastewater" means Sewage, Industrial Waste, Municipal Waste, Recreational Waste, and Agricultural Waste, as defined in the Code, together with properly shredded garbage, and such infiltration water that may be present.

ARTICLE II

PROVIDING AND OPERATION AND MAINTENANCE OF FACILITIES BY THE DISTRICT

Section 2.01. FACILITIES. In order to provide services for receiving, transporting, treating, and disposing of Wastewater for Participants, the District will use its best efforts to design, acquire, construct, and complete the System, as generally described in the Engineering Report with respect to Frisco, and as generally described in appropriate additional engineering reports hereafter to be obtained with respect to any Participant or Additional Participant, and will from time to time enlarge, improve, repair, replace, and/or extend the System to provide service to the Participants. The District shall obtain and hold in its name all required discharge permits from the appropriate Federal and State agencies, and each Participant shall assist the District in obtaining same. The District shall provide the System in such manner as it determines is necessary for providing adequate, efficient, and economical service to Participants, and shall have the right to provide single plants, multiplants, or combine two or more plants, and to use or discontinue the use of any facilities of the System as the District deems necessary.

Section 2.02. OPERATION AND MAINTENANCE. From and after the Original Contract Termination Date, the District shall manage, operate, and maintain the System in such manner as it determines is necessary for providing adequate and economical service to the Participants. The District covenants that it will operate and maintain the System in accordance with accepted good business and engineering practices.

ARTICLE III

DISCHARGE OF WASTEWATER AND METERING

Section 3.01. DISCHARGE. In consideration of the payments to be made under this Contract, Frisco shall have the right to discharge all of its Wastewater from its sewer system into the District's System, provided that such Wastewater meets the requirements for quantity and quality

as set forth in this Contract; and further provided that, as to Wastewater from areas not currently being served by the Plant, the District is able to obtain permits for the treatment and discharge of such quantity and quality of Wastewater and that discharge of such Wastewater to the System may be made only after notice by the District that it is ready to receive the same pursuant to this Contract.

Section 3.02. POINT OF ENTRY. Each Participant may discharge all such Wastewater generated from such Participant's Local Wastewater Facilities into the designated Point or Points of Entry for such Participant, unless such Participant and the District mutually agree that like service can be provided elsewhere in the System.

Section 3.03. CONVEYANCE TO POINT OF ENTRY. It shall be the sole responsibility of each Participant to transport, or cause to be transported, at no cost to the District or the other Participants, its Wastewater to its Point or Points of Entry.

Section 3.04. QUANTITY AT POINT OF ENTRY. (a) The quantity of Wastewater delivered by a Participant at the Point or Points of Entry shall be metered by the District and the total annual contributing flow of Wastewater received during any Fiscal Year shall be used to determine each Participant's Annual Payment and the Basic Charge for service as set forth in Article V.

(b) The maximum discharge rate is defined as a rate in million gallons per day (MGD), exceeded for a period of sixty minutes, which, if continued over a period of 24 hours, would be equal to 3.50 times the Participant's average daily flow during that Fiscal Year.

(c) Any Participant exceeding the maximum discharge rate shall have a surcharge applied to the next Fiscal Year's Annual Payment equal to 1% of the Annual Payment in that Fiscal Year for each 1/10th that the ratio of the maximum discharge to the average daily flow exceeds 3.50.

Section 3.05. LIABILITY FOR DAMAGES AND RESPONSIBILITY FOR TREATMENT AND DISPOSAL OF WASTEWATER. Liability for damages arising from the reception, transportation, delivery, and disposal of all Wastewater discharged shall remain in each Participant to Points of Entry, and upon passing through the District's meters installed at Points of Entry, liability for such damages and title to such Wastewater shall pass to the District. As between the District and each Participant, each party agrees, to the full extent permitted by law, to indemnify and to save and hold the other party harmless from any and all claims, demands, causes of action, damages, losses, costs, fines, and expenses, including reasonable attorney's fees, which may arise or be asserted by anyone at any time on account of the reception, transportation, delivery, and disposal while Wastewater is in the control of such responsible party, or on account of a prohibited discharge by a Participant. The District has the responsibility as between the parties for the proper reception, treatment, and disposal of all Wastewater, but not for prohibited discharges passing through any Point of Entry. The District has the right as between the parties to reuse all Wastewater discharged through any Point of Entry.

Section 3.06. METERING. The District will furnish, install, operate and maintain at its own expense at each Point of Entry the necessary equipment and devices of standard type for measuring properly all Wastewater to be discharged into the System by Participants. Such meters and other

equipment shall remain the property of the District. Each Participant shall have access to such metering equipment at all reasonable times for inspection and examination, but the reading, calibration, and adjustment thereof shall be done only by employees or agents of the District in the presence of a representative of the Participant if requested by such Participant. All readings of meters will be entered upon proper books of record maintained by the District. Upon written request the Participant may have access to said record books during reasonable business hours.

Not more than three times in each year of operation, the District shall calibrate its meters, if requested in writing by a Participant to do so, in the presence of a representative of such Participant, and the parties shall jointly observe any adjustments which are made to the meters in case any adjustment is found to be necessary.

If, for any reason, any meters are out of service or out of repair, or if, upon any test, the percentage of inaccuracy of any meter is found to be in excess of five (5%) per cent, registration thereof shall be corrected for a period of time extending back to the time when such inaccuracy began, if such time is ascertainable, and if such time is not ascertainable, then for a period extending back one-half (1/2) of the time elapsed since the date of the last calibration, but in no event further back than a period of six (6) months.

Each Participant may, at its option and its own expense, install and operate a check meter to check each meter installed by the District, but the measurement for the purpose of this agreement shall be solely by the District's meters.

Section 3.07. UNIT OF MEASUREMENT. The unit of measurement for Wastewater delivered hereunder shall be 1,000 gallons, U. S. Standard Liquid Measure.

ARTICLE IV

QUALITY

Section 4.01. GENERAL. Each Participant agrees to limit discharge into the District's System to Wastewater that complies with quality requirements the District finds it necessary from time to time to establish in order to meet standards imposed by regulatory agencies having appropriate jurisdiction or to protect the water quality for water supply purposes. No discharge shall be made into the System which would cause the District to violate any permit granted, or any rule or regulation promulgated, by any State or Federal agency having jurisdiction over the District. Each Participant specifically covenants that it will enact and enforce procedures which will prohibit or prevent customers of its sewer system from making any discharge which would cause such Participant to violate the provisions of this contract or any applicable State or Federal permit, law, rule, or regulation. To enable the highest degree of treatment in the most economical manner possible, certain solids, liquids, and gases have been and are hereby prohibited from entering the System, either absolutely or in excess of established standards, and the prohibited discharges will be listed and furnished to all Participants, with a minimum of sixty days of notice before the effective date thereof.

Section 4.02. NORMAL QUALITY. To determine normal quality of Wastewater, the District will collect twenty-four (24) hour composite samples of Wastewater at each Point of Entry and cause same to be analyzed in accordance with testing procedures as set forth in the latest edition of Standard Methods of Examination of Water and Wastewater, published by American Public Health Association, Inc. Composite samples will normally be taken once a month, or at more frequent intervals if necessary to determine Wastewater quality. Such Wastewater shall not exceed the limits of concentration specified for Normal Wastewater as follows:

Normal Wastewater Concentration

BOD	275 mg/l
SS	300 mg/l
pH	not less than 6 nor greater than 9
Hydrogen Sulfide	0.1 mg/l

Should the analysis disclose concentrations higher than those listed, the District will at once inform the Participant of such disqualification. With approval of the District, Wastewater with concentrations of BOD and SS greater than normal may be discharged into System with the payment of a surcharge, which shall be in addition to the basic charge as outlined in Article V of this contract, and this surcharge shall be sufficient to cover and pay for the additional cost of treatment.

ARTICLE V

PAYMENTS

Section 5.01. FINANCING. The District will issue its Bonds, in amounts and at times as determined by the District, to provide the System.

Section 5.02. ANNUAL REQUIREMENT. It is acknowledged and agreed that payments to be made under this Contract will be the only source available to the District to provide the Annual Requirement; and that the District has a statutory duty to establish and from time to time to revise the charges for services to be rendered and made available to Participants hereunder so that the Annual Requirement shall at all times be not less than an amount sufficient to pay or provide for the payment of:

(a) An "Operation and Maintenance Component" equal to the amount paid or payable for all Operation and Maintenance Expense; and

(b) A "Bond Service Component" equal to:

(1) the principal of, redemption premium, if any, and interest on, its Bonds, as such principal, redemption premium, if any, and interest become due, less interest to be paid out of Bond proceeds if permitted by any Bond Resolution; and

(2) during each Fiscal Year, the proportionate part of any special or reserve funds required to be established and/or maintained by the provisions of any Bond Resolution; and

(3) an amount in addition thereto sufficient to restore any deficiency in any of such funds required to be accumulated and maintained by the provisions of any Bond Resolution; and

(4) the charges of paying agents and registrars for paying principal of, redemption premium, if any, and interest on, all Bonds, and for registering and transferring Bonds.

Section 5.03. PAYMENTS BY PARTICIPANTS. (a) For services to be rendered to each Participant by the District under this Contract and other similar contracts, if any, each Participant agrees to pay, at the time and in the manner hereinafter provided, its proportionate share of the Annual Requirement, which shall be determined as hereafter described and shall constitute a Participant's Annual Payment or Adjusted Annual Payment. For each Fiscal Year each Participant's proportionate share of the Annual Requirement shall, subject to the subsequent provisions hereof, be a percentage obtained by dividing such Participant's estimated contributing flow to the System by the total estimated contributing flow to the System by all Participants during such Fiscal Year or portion thereof. The calculation of each Annual Payment as determined herein, and each Adjusted Annual Payment, shall be determined as provided in this Section. The terms "contributing flow to the System" and "contributing flow" as used in this Contract with respect to any Fiscal Year, shall mean the greater of (i) the actual metered contributing flow of a Participant or (ii) the minimum annual contributing flow for which a Participant has agreed to pay, which minimum annual contributing flow for Frisco is as follows:

Frisco	2.0 m.g.d.

Each Participant's Annual Payment shall be calculated by the District by multiplying such Participant's estimated percentage of the estimated total contributing flow times the Annual Requirement. Each Participant's Annual Payment shall be made to the District in monthly installments, on or before the twentieth (20th) day of each month, for its required part of the Annual Requirement for each Fiscal Year. Such payments shall be made in accordance with a schedule of payments for each Fiscal Year which will be supplied to each Participant. At the close of the Fiscal Year, the District shall redetermine each Participant's percentage by dividing each Participant's contributing flow to the System by the total contributing flow of all Participants. Each Participant's Adjusted Annual Payment shall be calculated by multiplying each Participant's redetermined percentage times the Annual Requirement. The difference between the Adjusted Annual Payment and the Annual Payment, if any, when determined, shall be applied as a credit or a debit to each Participant's account with the District and shall be credited or debited to such Participant's next subsequent monthly payment or payments.

(b) If a Participant fails to pay its monthly charge on or before the twentieth (20th) day of any month, it shall incur and pay a penalty of fifteen percent of the amount due together with any legal or other costs incurred by the District in collecting the amount due. The District is authorized

to discontinue service to any Participant which fails to make any monthly payment, and which, after written notice, does not make such payment.

(c) If, during any Fiscal Year, the District begins providing services to an Additional Participant, each Participant's Annual Payment for such Fiscal Year shall be redetermined consistent with the provisions of this contract.

(d) Each Participant's Annual Payment also shall be adjusted and redetermined for the balance of any applicable Fiscal Year, consistent with the provisions of this contract, and initially based on estimated contributing flow, at any time during any Fiscal Year if:

(i) Additions, enlargements, repairs, extensions, or improvements to the System are placed in service by the District which require an increase and redetermination of the Annual Requirement; or

(ii) Unusual or extraordinary expenditures for operation and maintenance of the System are required which are not provided for in the Annual Budget or in a Bond Resolution; or

(iii) A Participant's contributing flow to the System, after the beginning of the Fiscal Year, is estimated to be substantially different from that on which Annual Payments are based as determined by the District, to the extent that such difference in flow will substantially affect such Participant's Budget, and consequently such Participant's Annual Payment to the District; or

(iv) The District issues additional Bonds, the payments in connection with which require an increase and redetermination of the Annual Requirement; or

(v) It appears to the District that for any other reason it will not receive the full amount of the Annual Requirement unless such adjustment and redetermination are made.

(e) The District shall give all Participants at least 21 days written notice prior to consideration by the Board of Directors of the District of making any Adjusted Annual Payment for any Participant during any Fiscal Year.

(f) The Annual Payment set forth in this section shall be considered the basic charge for service hereunder, and each Participant shall pay a surcharge for excess BOD and/or SS as provided in Section 4.02, and for excessive discharge in the manner set forth in Section 3.04(c). In the event any Participant is assessed a surcharge for excess BOD and/or SS, the District will bill such Participant for such surcharge on or before the tenth (10th) day of the month following the determination of the surcharge and such Participant shall pay such surcharge on or before the twentieth (20th) day of the month of receipt of any such bill. Any such surcharge collected by the District shall be applied by the District against the total cost of Operation and Maintenance Expense of the System.

(g) The District shall establish and maintain a separate fund entitled the "North Texas Municipal Water District - Stewart Creek West Regional Wastewater System Contingency Fund." The Contingency Fund shall be used solely for the purpose of paying unexpected or extraordinary Operation and Maintenance Expenses of the System for which funds are not otherwise available under this Contract. The Contingency Fund shall initially be funded, and any subsequent deficiency shall be restored, with amounts included as Operation and Maintenance Expenses in the Annual Budget, not to exceed $25,000 for any Fiscal Year, up to a maximum of $100,000. So long as the Contingency Fund contains money and investments not less than $100,000 in market value, any surplus in the Contingency Fund shall be applied and credited towards the payment of Operation and Maintenance Expenses.

(h) The facilities and services of the System to be provided to each Participant pursuant to this Contract are and will be essential and necessary to the operation of such Participant's combined waterworks and sanitary sewer system, and all payments to be made hereunder by each Participant will constitute reasonable and necessary "operating expenses" of such Participant's combined waterworks and sanitary sewer system, within the meaning of Section 30.030 of the Water Code and Section 1502.056, Texas Government Code, and the provisions of all ordinances authorizing the issuance of all waterworks and sanitary sewer system revenue bond issues of such Participant, with the effect that such Participant's obligation to make payments from its waterworks and sanitary sewer system revenues under this Contract shall have priority over its obligations to make payments of the principal of and interest on any and all of its waterworks and sanitary sewer system revenue bonds. Each Participant agrees to fix and collect such rates and charges for waterworks and sanitary sewer system services to be supplied by its waterworks and sanitary sewer system as will make possible the prompt payment of all expenses of operating and maintaining its entire waterworks and sanitary sewer system, including all payments, obligations, and indemnities contracted hereunder, and the prompt payment of the principal of and interest on its bonds payable from the net revenues of its waterworks and sanitary sewer system. The District shall never have the right to demand payment of the amounts due hereunder from funds raised or to be raised from taxation by a Participant. Each Participant's payments hereunder shall be made pursuant to the authority granted by Section 30.030 of the Water Code and Section 1502.056, Texas Government Code. Recognizing the fact that the Participants urgently require the facilities and services covered by this Contract, and that such facilities and services are necessary for actual use and for stand-by purposes; and further recognizing that the District will use the payments received from the Participants hereunder to pay, secure, and finance the issuance of its Bonds, it is hereby agreed that the Participants shall be obligated unconditionally, and without offset or counterclaim, to make the payments designated as the "Bond Service Component" of the Annual Requirement, in the manner provided in this Contract, regardless of whether or not the District actually provides such facilities and services, or whether or not any Participant actually receives or uses such facilities and services, and regardless of the validity or performance of the other parts of this or any other contract, and such "Bond Service Component" shall in all events be applied and used for providing debt service and other requirements of the Bonds, and the holders of the Bonds shall be entitled to rely on the foregoing agreement and representation, regardless of any other agreement between the District and the Participants. Each Participant further agree that it shall be obligated to make the payments designated as the "Operation and Maintenance Component" of the Annual Requirement as described in Section 5.02 of this Contract, so long as the District is willing and able to provide the facilities and services contemplated hereunder to any Participant.

(i) On or before August 1 of each year, the District will furnish each Participant with a tentative budget and an estimated schedule of monthly payments to be made by such Participant for the ensuing Fiscal Year. On July 1 of each year, the District shall be in a position to furnish any Participant an estimate of the Participants's annual requirement. On or before October 1 of each year, the District shall furnish such Participant with a finalized schedule of the monthly payments to be made by such Participant to the District for the ensuing Fiscal Year. Each Participant agrees that it will make such payments to the District on or before the twentieth (20th) day of each month of such Fiscal Year. If any Participant shall dispute the Annual Budget, and proceed as provided in Article VII, such Participant nevertheless promptly shall make the payment or payments determined by the District, and if it is subsequently determined by agreement that such disputed payments made by such Participant should have been less, the District shall promptly revise, reallocate, and readjust the charges among all Participants then being served by the District in such manner that such Participant will recover its overpayment.

(j) If any Participant's Annual Payment is redetermined as is herein provided, the District will promptly furnish such Participant with an updated schedule of monthly payments reflecting such redetermination.

(k) All interest income earned by the investment of any Funds created pursuant to any Bond Resolution shall be credited towards the payment of the Bond Service Component and taken into account in determining the Annual Requirement; except that as to any Acquisition or Construction Fund created from any Bond proceeds all interest income earned by the investment thereof may, at the option of the District, be credited to such Acquisition or Construction Fund and used for the System purposes for which the Bonds are issued, or be credited towards the payment of the Bond Service Component.

Section 5.04. USE OF OTHER REVENUES OF SYSTEM. (a) If the District receives any net income from the sale of treated Wastewater from the System prior to its discharge into a public stream of the State of Texas, the District will apply and credit said net income towards payments of Operation and Maintenance Expenses.

(b) Notwithstanding any other provisions of this Contract, the District may provide any excess available capacity or service of the System to any Person (as defined by the Water Code); provided that such service does not interfere with or impair the rights of any Participant under this Contract, and any such service shall in all events be subordinate and subject to such rights; and provided further that the District must charge for such service in amounts at least sufficient to pay all Operation and Maintenance Expense attributable thereto plus an amount which will produce an estimated reasonable allocation as determined by the District, plus an additional amount of not less than 20% of the foregoing to cover prior incurred costs, to be credited to the Bond Service Component of the Annual Requirement. The District is not authorized to issue Bonds, as defined in this Contract, to provide the services of the System to any persons other than Participants (including Additional Participants).

ARTICLE VI

GENERAL PROVISIONS

Section 6.01. FORCE MAJEURE. In case by reason of "Force Majeure" the District or any Participant shall be rendered unable wholly or in part to carry out its obligations under this agreement, then if such party shall give notice and full particulars of such "Force Majeure" in writing to the other parties within a reasonable time after occurrence of the event or cause relied on, the obligation of the party giving such notice, so far as it is affected by such Force Majeure (with the exception of the obligation of each Participant to make the payments required in Section 5.03 of this Contract, which in all events shall be made as provided therein) shall be suspended during the continuance of the inability then claimed, but for no longer periods, and any such party shall endeavor to remove or overcome such inability with all reasonable dispatch. The term "Force Majeure" as employed herein, shall mean acts of God, strikes, lockouts, or other industrial disturbances, acts of public enemy, orders of any kind of the Government of the United States or the State of Texas or any civil or military authority, insurrections, riots, epidemics, landslides, lightning, earthquakes, fires, hurricanes, storms, floods, washouts, droughts, arrests, restraint of government and people, civil disturbances, explosions, breakage or accidents to machinery, pipe lines or canals, partial or entire failure of water supply, and inability on the part of a Participant to provide water necessary for operation of its water and Local Wastewater Facilities hereunder, or of the District to receive Wastewater on account of any other causes not reasonably within the control of the party claiming such inability. It is understood and agreed that the settlement of strikes and lockouts shall be entirely within the discretion of the party having the difficulty, and that the above requirement that any Force Majeure shall be remedied with all reasonable dispatch shall not require the settlement of strikes and lockouts by acceding to the demands of the opposing party or parties when such settlement is unfavorable to it in the judgment of the party having the difficulty.

Section 6.02. INSURANCE. The District will carry insurance (including self-insurance) for such purposes and in such amounts as are determined by the District to be necessary or advisable.

Section 6.03. REGULATORY BODIES. This Contract shall be subject to all valid rules, regulations and laws applicable hereto passed or promulgated by the United States of America, the State of Texas, or any authorized representative or agency of any of them.

Section 6.04. EFFLUENT REUSE: (a) The District will make the effluent discharge from its Wastewater treatment plants available for any lawful and beneficial reuse purpose, and a charge shall be made to the customer receiving such effluent sufficient to cover any additional cost involved in providing the service, plus a reasonable portion of the cost of treating the Wastewater which produced such effluent; provided that such portion of the cost allocable to treatment shall not be required to exceed an amount which would, in the judgment of the District, render the use of such effluent by a customer economically infeasible.

(b) Notwithstanding the provisions of Section 3.05 and subsection 6.04(a), each Participant shall have the first right to use all effluent produced from its Wastewater for reuse solely for its own municipal purposes without any charge except for any additional costs to the District

necessary to provide the effluent for such municipal use; provided that no Participant shall sell such effluent or make it available to any other customer, and subject to the aforesaid first right of each Participant, the District shall have the right to use all such effluent for District purposes without any charge expect for additional costs necessary to provide the effluent for District purposes. In accordance with the provisions of Section 3.05, and notwithstanding the foregoing, to the extent that effluent produced by the District is discharged to watercourses of the State, the right of any Participant to reuse such effluent produced from its Wastewater is terminated, and the District shall have the right as between parties, and pursuant to any necessary authorization of the State, to reuse such discharged effluent.

Section 6.05. PUBLICATIONS, REFERENCE WORKS, GOVERNMENTAL REGULATIONS. In each instance herein where reference is made to a publication, reference work or Federal or State regulation, it is the intention of the parties that at any given time the then current edition of any such publication of reference work or Federal or State regulation shall apply. If a publication or reference work is discontinued or ceases to be the generally accepted work in its field or if conditions change or new methods or processes are implemented by the District, new standards shall be adopted which are in compliance with State and Federal laws and any valid rules and regulations issued pursuant thereto.

ARTICLE VII

FINANCIAL PROVISIONS

Section 7.01. DISTRICT ANNUAL BUDGET. (a) Not less than sixty (60) days before the commencement of each Fiscal Year while this Contract, is in effect, the District shall cause its tentative budget for operation and maintenance of the System for the ensuing Fiscal Year to be prepared and a copy thereof filed with each Participant. If no protest or request for a hearing on such tentative budget is presented to the District within thirty (30) days after such filing of the tentative budget by one or more Participants, the tentative budget for the System, when adopted by the District's Board of Directors, shall be considered for all purposes as the "Annual Budget" for the ensuing Fiscal Year. But if a protest or request for a hearing is duly filed, it shall be the duty of the District to fix the date and time for a hearing on the tentative budget. The Board of Directors of the District shall consider the testimony and showings made in such hearing. The Board of Directors of the District may adopt the budget or make such amendments thereof as to it may seem proper. The budget thus approved by the Board of Directors of the District shall be the Annual Budget for the next ensuing Fiscal Year.

(b) The Annual Budget may be amended to provide for transfers of budgeted funds between expenditure accounts, provided however that said transfers do not result in an overall increase in budgeted funds as provided in the Annual Budget. The Annual Budget may be amended and increased through formal action by the Board of Directors of the District, if required. Certified copies of any amended Annual Budget and the resolution authorizing same shall be filed immediately by the District with each Participant.

Section 7.02. ANNUAL AUDIT OF SYSTEM. The District shall, at the close of each Fiscal Year, cause an annual audit of the System to be prepared.

ARTICLE VIII

THE SYSTEM

Section 8.01. INITIAL FACILITIES OF THE SYSTEM. (a) The System initially consisted of the wastewater treatment plant owned by Frisco, known as the "Stewart Creek West Plant (the "Plant").

(b) As permitted and authorized by Chapter 30 of the Water Code, and other provisions of law, the District and the Participants agree that, from and after the Original Contract Termination Date, this Contract shall constitute an operating agreement with respect to the Plant and the property more fully described in Exhibit B hereto (the "Frisco Facilities") and which on the date of the Original Contract constituted a part of the Local Wastewater Facilities of Frisco.

In the Original Contract, the District has been granted, and upon the Original Contract Termination Date, the District is hereby granted, by Frisco the sole and exclusive right to manage, administer, operate, maintain, and use the Frisco Facilities as part of the System, and in consideration thereof, the District agreed in the Original Contract, and upon the Original Contract Termination Date, hereby agrees, to pay to Frisco, in each of the Fiscal Years, respectively, the annual amounts, respectively, as set forth in the following schedule:

EACH FISCAL YEAR ENDING SEPTEMBER 30:	ANNUAL AMOUNT:
2000	$200,000
2001	200,000
2002	200,000
2003	200,000
2004	200,000
2005	200,000
2006	200,000
2007	200,000
2008	200,000
2009	200,000
2010	200,000
2011	200,000
2012	200,000
2013	200,000
2014	200,000

Such payments shall constitute a part of the fixed Operation and Maintenance Expenses of the System, and the District shall include such amount in each Annual Budget, to be paid, along with all other items of Operation and Maintenance Expenses, according to the formulae and methods provided in this Contract for the payment of the Annual Requirement.

(c) Upon the Original Contract Termination Date, all other agreements, contracts, and other arrangements between the District and Frisco with respect to the Frisco Facilities, including

the Original Contract, shall be void and of no further force or effect, and this Contract shall supersede the same and become the sole and entire present agreement between the parties with respect thereto. Except as provided in the preceding sentence, nothing contained in this Contract shall in any way affect any payments to the District by a Participant or rates charged by the District to such Participant for the providing of water, wastewater or other services or facilities pursuant to other contractual relationships between the District and such Participant.

Section 8.02. DISTRICT CONTRACTS WITH ADDITIONAL PARTICIPANTS. (a) The District reserves the right to contract with subsequent Additional Participants to provide the services of the System to such Additional Participants; provided that the terms and provisions of such contracts with Additional Participants shall be, to the extent practicable and applicable, the same as the terms and provisions of this Contract except that with respect to any Local Wastewater Facilities of such Additional Participant which are to be acquired, operated, or used by the District as a part of the System as a result of such contract, the District and the Additional Participant may agree in such contract for mutually acceptable payments in connection therewith from Bond proceeds or as an Operation and Maintenance Expense of the System (provided that in any formula used for determining such payments, the value attributed to such Local Wastewater Facilities shall not exceed a sum equal to the principal amount of all then outstanding bonds or other obligations issued by the Additional Participant to acquire and construct such Local Wastewater Facilities), and except that such contract shall provide for payments calculated on the basis of adequate minimum flows as hereinafter provided. The District shall not enter into contracts for any services by the System except with cities which become Participants, or as otherwise provided in this Contract.

(b) A city may become an Additional Participant in the following manner and under the following conditions;

(i) A formal request must be submitted to the District furnishing information on the area to be served, a description of existing facilities, and the latest annual audit of such proposed Additional Participant's waterworks and/or sewer systems, if any.

(ii) Such proposed Additional Participant must provide funds for any necessary engineering studies if funds are not available from the appropriate Federal or State agencies. The preliminary studies must determine or estimate, for the ensuing five year period, the size and type of any proposed facilities, their estimated cost, and estimated flows of Wastewater, so as to enable the District to ascertain or estimate the requirements of the proposed Additional Participant for the ensuing five year period.

(iii) After all preliminary data is developed, the Board of Directors of the District shall call a hearing and notify all Participants to review the request of the proposed Additional Participant. The Board of Directors of the District then shall determine if the proposed Additional Participant shall become a Participant.

(c) Each Additional Participant must agree to make minimum payments under its contract, on the basis of estimated annual minimum flows, that would provide amounts annually at least sufficient, as determined by the District, to pay:

(i) all of the annual Operation and Maintenance Component of the Annual Requirement which is attributable to any Local Wastewater Facilities of such Additional Participant which are to be acquired, operated, used, or improved by the District as part of the System and any other new and additional facilities of the System provided and designated by the District to serve such Participant, less any amount thereof attributable to the use of any part of said facilities for the benefit of any other Participant; and

(ii) an amount (to be credited and applied to the Bond Service Component of each Annual Requirement), at least equal to:

(A) all of that part of the Bond Service Component of each future Annual Requirement attributable to Bonds issued to acquire or improve any existing Local Wastewater Facilities of such Additional Participant to be a part of the System, and all Bonds issued to provide any other new and additional facilities for the System to serve such Additional Participant, plus

(B) a percentage of the Bond Service Component of each future Annual Requirement for all then outstanding Bonds equal to the then estimated percentage of use by such proposed Additional Participant of any portion of the then existing System; and

(iii) an annual amount (to be credited to the Bond Service Component of the Annual Requirement and/or to the Operation and Maintenance Component of the Annual Requirement, at the option of the District) as estimated and determined by the District to equalize the previous capital cost (including the cost of previously constructed excess capacity) of facilities to be used to provide service to the Additional Participant.

(d) The provisions of this Section and the payments to be made under an Additional Participant's contract are further subject to the provisions of Section 5.03 of this Contract.

Section 8.03. ADDITIONAL CAPACITY AND FACILITIES. As the responsible agency for the establishment, administration, management, operation, and maintenance of the System, the District will, from time to time, determine when and to what extent it is necessary to provide additions, enlargements, improvements, repairs, and extensions to the System to receive, transport, treat, and dispose of Wastewater of any Participants, including all Additional Participants, and to issue its Bonds to accomplish such purposes, and all Participants, including Additional Participants, shall be obligated to pay both the Operation and Maintenance Component and the Bond Service Component included in the Annual Requirement with respect to the entire System, as expanded, as provided in Section 5.03; provided that this Section shall not be construed so as to reduce or alter the requirements of Section 8.02 with respect to minimum payments.

ARTICLE IX

REMEDIES

Section 9.01. LEGAL AND EQUITABLE. Any party to this Contract, and any holder of the District's Bonds, may require any party hereto, and its officials and employees, to carry out, respect, and enforce the covenants and obligations of this Contract, by all legal and equitable means, including specifically, but without limitation, the use and filing of mandamus proceedings, in any court of competent jurisdiction, against such party, and its officials and employees.

ARTICLE X

CONTINUING DISCLOSURE OF INFORMATION

Section 10.01. PARTICIPANTS TO COMPLY. The Participants shall comply with any continuing disclosure requirements with respect to the Bonds imposed by Securities and Exchange Commission Rule 15c2-12.

ARTICLE XI

TERMINATION OF ORIGINAL CONTRACT. EFFECTIVE DATE AND TERM

Section 11.01. TERMINATION OF ORIGINAL CONTRACT. The District and Frisco hereby agree to the termination of the Original Contract. Such termination shall occur on the Original Contract Termination Date without necessity of any further action by the District or Frisco.

Section 11.02. EFFECTIVE DATE. This Contract shall become effective as of the date of issuance of the first series of Bonds issued pursuant to this Contract; provided that Articles III, IV, and VI hereof, Sections 2.02, 5.03(f), 5.03(g), 5.04, 7.01, and 8.01, and all provisions relating to "Operation and Maintenance Expense" and "Operation and Maintenance Component" shall become effective upon the Original Contract Termination Date.

Section 11.02. TERM OF CONTRACT. This Contract shall continue in force from the effective date hereof at least until all Bonds, including any Bonds issued to refund same, shall have been paid in full; and shall also remain in force thereafter throughout the useful life of the System.

ARTICLE XII

NOTICES

Section 12.01. NOTICES. Any notice, request or other communication under this Contract shall be given in writing and shall be deemed to have been given by either party to the other party at the addresses shown below upon any of the following dates:

(a) The date of notice by telefax, telecopy, or similar telecommunications, which is confirmed promptly in writing;

(b) Three business days after the date of the mailing thereof, as shown by the post office receipt if mailed to the other party hereto by registered or certified mail;

(c) The date of actual receipt thereof by such other party if not given pursuant to (a) or (b) above.

The address for notice for each of the parties shall be as follows:

North Texas Municipal Water District
505 East Brown Street
Wylie, Texas 75098
Attention: Executive Director and General Manager
Fax #: (972) 442-5405

City of Frisco, Texas
6891 Main Street
Frisco, Texas 75034
Attention: City Manager
Fax #: (972) 335-5559

or the latest address specified by such other party in writing.

ARTICLE XIII

SEVERABILITY

Section 13.01. SEVERABILITY. If any clause, provision or Section of this Contract should be held illegal or invalid by any court, the invalidity of such clause, provision or Section shall not affect any of the remaining clauses, provisions or Sections hereof and this Contract shall be construed and enforced as if such illegal or invalid clause, provision or Section had not been contained herein. In case any agreement or obligation contained in this Contract should be held to be in violation of law, then such agreement or obligation shall be deemed to be the agreement or obligation of the Participants or the District, as the case may be, to the full extent permitted by law.

IN WITNESS WHEREOF, the parties hereto acting under authority of their respective governing bodies have caused this Contract to be duly executed in several counterparts, each of which shall constitute an original, all as of the 27th day of October, 2011, which is the date of this Contract.

NORTH TEXAS MUNICIPAL WATER DISTRICT

By: _____
President, Board of Directors

ATTEST:

_____
Secretary, Board of Directors

(SEAL)

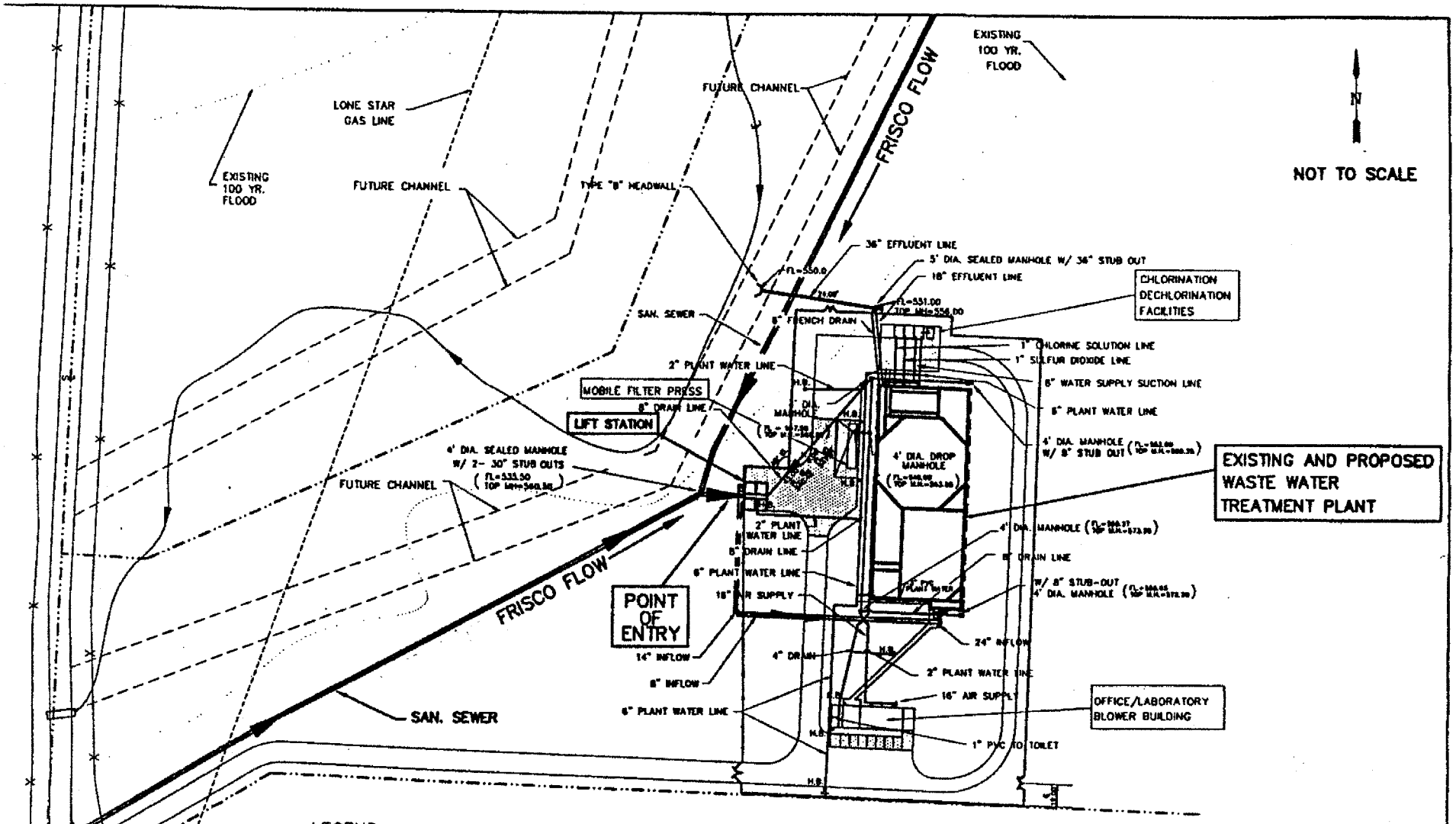
CITY OF FRISCO, TEXAS

By: _____
Mayor

ATTEST:

_____
City Secretary

(SEAL)



NORTH TEXAS MUNICIPAL WATER DISTRICT

EXHIBIT A

CITY OF FRISCO, TEXAS

STEWART CREEK WEST WWTP EXPANSION

EXISTING PLANT YARD PIPING

CITY OF FRISCO, TEXAS
STEWART CREEK WEST WWTP EXPANSION
EXISTING PLANT YARD PIPING

EXHIBIT "B"
25.78 ACRES
WASTEWATER TREATMENT PLANT SITE

BEING a tract of land located in the J. Ogden Survey, Abstract No. 980, and the S. Collins Survey, Abstract No. 286 and being part of that certain 173.356 acre tract of land known as Tract II, deeded to Tomlin Properties, Trustee as recorded in Volume 1231, Page 381 of the Deed Records of Denton County, Texas, and being more particularly described as follows:

COMMENCING at a point in the northwest corner of said Tomlin Properties tract, said point also being in the center of a road;

THENCE South 02° 37' 10" West, along the west line of said Tomlin Properties tract, 1116.76 feet to the PLACE OF BEGINNING;

THENCE South 87° 22' 50" East, 78.18 feet to a point;

THENCE North 66° 05' 14" East, 460.63 feet to a point;

THENCE North 22° 14' 07" East, 611.14 feet to a point;

THENCE North 61° 17' 34" East, 302.16 feet to a point;

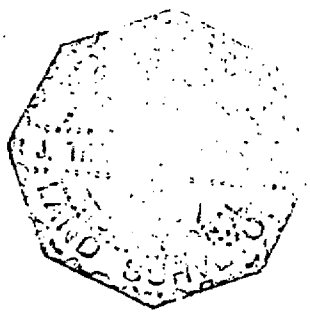
THENCE South 89° 09' 32" East, 500.08 feet to a point;

THENCE South 02° 00' 58" West, 1132.48 feet to a point;

THENCE North 87° 41' 51" West, 1265.37 feet to a point;

THENCE South 60° 23' 11" West, 236.44 feet to a point in the west line of said Tomlin Properties tract, said point being in the center of a road;

THENCE North 02° 37' 10" East, along the west line of said Tomlin Properties tract, 311.46 feet to the PLACE OF BEGINNING and containing 25.78 acres of land.



J. Travis Roberts P.E.
8/12/98

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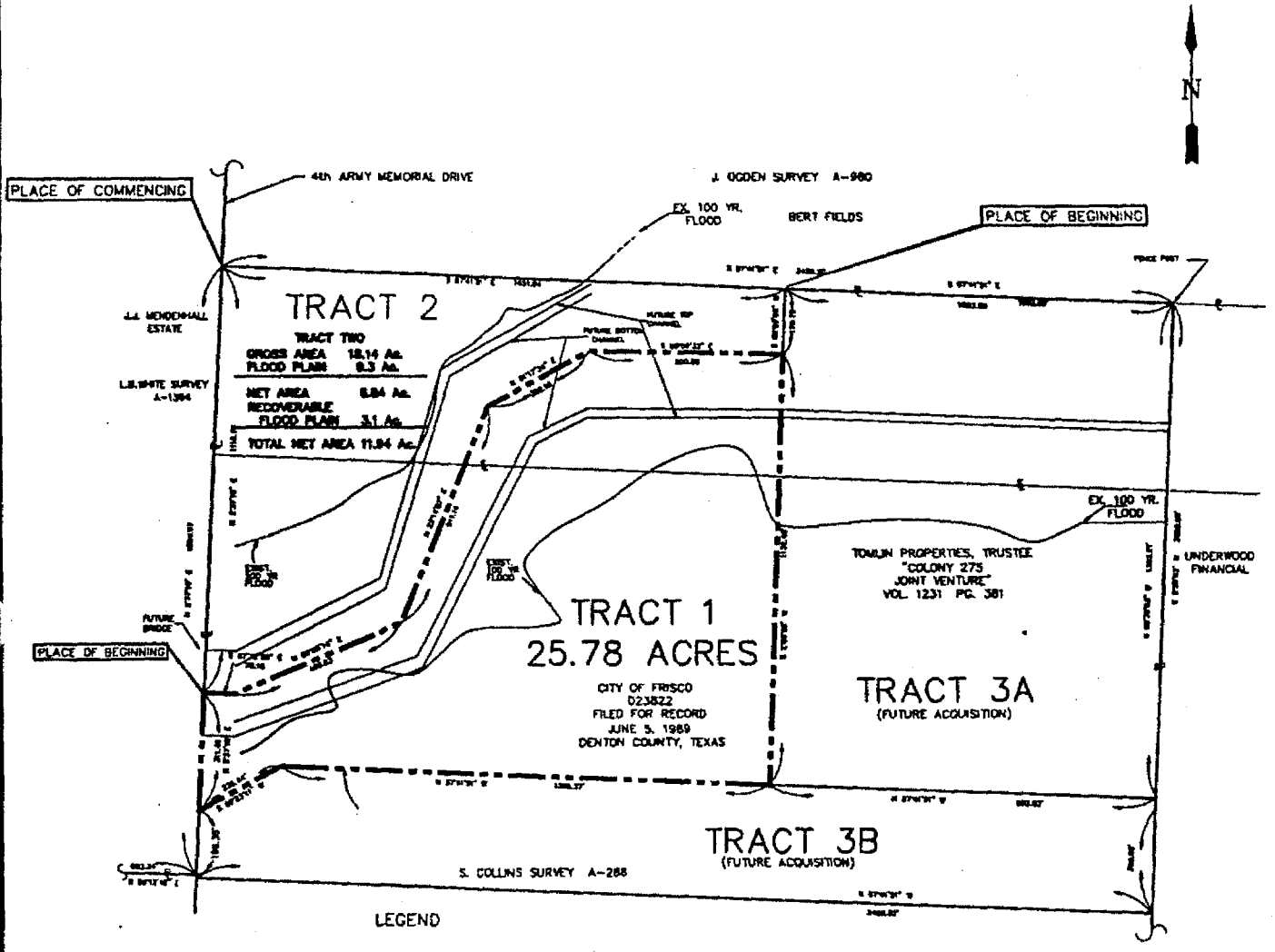
HUNTER ASSOCIATES TEXAS, LTD.
ENGINEERS/PLANNERS/SURVEYORS
8140 WALNUT HILL LANE
ONE GLEN LAKES • SUITE 500
DALLAS, TEXAS 75231-4350
(214) 369-9171

PROJECT: STEWART CREEK WEST WWTP EXPANSION
JOB NUMBER: L98026E DATE: Aug. 12, 1998
BY: JZM SHEET ____ OF ____



LEGEND

PROPOSED FUTURE BOUNDARY

EXISTING BOUNDARY

NOT TO SCALE

TRACT ONE	
GROSS AREA	25.78 ac.
FLOOD PLAIN	10.1 ac.
NET AREA	15.68 ac.
RECOVERABLE FLOOD PLAIN	4.0 ac.
TOTAL NET AREA	19.68 ac.

TRACT THREE	
AREA 3A	29.82 ac
AREA 3B	16.64 ac
GROSS AREA	46.46 ac
FLOOD PLAIN	13.85 ac
NET AREA	32.61 ac
RECOVERABLE FLOOD PLAIN	6.13 ac
TOTAL NET AREA	38.74 ac

TOTAL OF TRACT ONE AND TRACT THREE	
TRACT ONE TOTAL NET AREA	19.68 Ac.
TRACT THREE TOTAL NET AREA	38.74 ac
TOTAL NET AREA	58.42 Ac.

IMPORTANT:
LONE STAR GAS CO. PIPELINE THROUGH PROPERTY LOCATION SHOWN IS BASED ON BEST AVAILABLE INFORMATION. (SEE GENERAL NOTE 11 ON SH.2)
CONTACT:

8/12/98

EXHIBIT B

NORTH TEXAS MUNICIPAL WATER DISTRICT

CITY OF FRISCO, TEXAS

STEWART CREEK WEST WWTP EXPANSION

EXISTING PLANT BOUNDARY

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 Divisionôs 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: North Texas Municipal Water District [Stewart Creek West WWTP]

   Permit No. WQ00 14008001 EPA ID No. TX 0103501

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

   5100 Fourth Army Drive, Frisco, Texas 75034, Denton County

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: Jerry Allen

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

Title: Permitting Manager

Mailing Address: P.O. Box 2408

City, State, Zip Code: Wylie, Texas 75098

Phone No.: 469-626-4634 Ext.: N/A Fax No.: 972-295-6436

E-mail Address: jallen@ntmwd.com

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

City of Frisco

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

The effluent discharges to Stewart Creek; thence to Garza – Little Elm Reservoir portion of Lewisville Lake in Segment No. 0823 of the Trinity 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). See Attachment 1

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):

Final Phase will impact about 12 acres with excavation to a depth of about 20 feet. No caves or karst features involved.

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

The property within the fenced boundaries is a wastewater treatment plant with grasscover on unpaved areas. Paved roads exist at the site providing access to buildings and facilities. Property outside the fence is undeveloped with about 80% of the areas with grasscover and the remaining area with trees and shrubs.

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 1

SPIF USGS Topographic Map

Stewart Creek West WWTP USGS Topographic Map

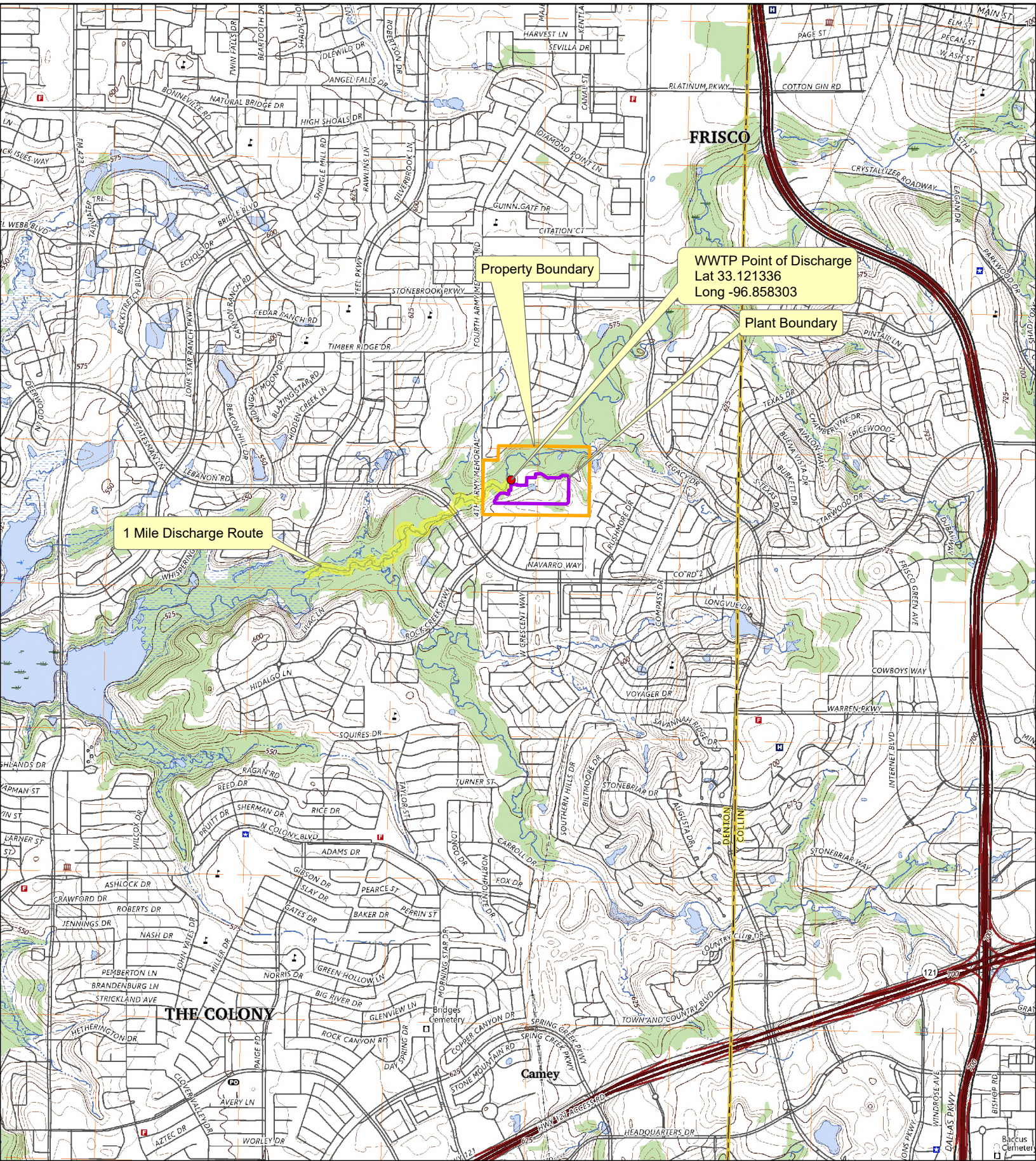
Legend

- Point of Discharge (POD)
- 1 Mile Discharge Route
- Plant Boundary
- Property Boundary

Note: There are no springs, monitoring wells or sewage treatment facilities located within one mile of the Stewart Creek West WWTP. There are no effluent disposal sites, sludge disposal, or storage/evaporation/ holding ponds associated with this WWTP.

N

0 0.5 1 Miles



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): 10

2-Hr Peak Flow (MGD): 35

Estimated construction start date: 10/20/2015

Estimated waste disposal start date: 10/01/2020

B. Interim II Phase

Design Flow (MGD): N/A

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

Estimated construction start date: N/A

Estimated waste disposal start date: N/A

C. Final Phase

Design Flow (MGD): 15

2-Hr Peak Flow (MGD): 52.5

Estimated construction start date: February 2027

Estimated waste disposal start date: February 2032

D. Current Operating Phase

Provide the startup date of the facility: 1992

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 TR-1

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 TR-2		

C. Process Flow Diagram

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

Attachment: See Attachment 3

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

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

- Latitude: 33.121336
- Longitude: -96.858303

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

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

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

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

Attachment: See Attachment 4

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

See Attachment 4 for the map of the WWTP and area served. The area served is labeled Stewart Creek West WWTP Service Area, as indicated on the map in Attachment 4. The WWTP serves the southwest areas of the City of Frisco, which includes the approximate area North of S.H. 121 & North Colony Blvd, East of Paige Road & FM 423, South of Main Street (FM3537) & Eldorado Parkway (FM 711) and West of Coit Road (FM71 & Park wood Boulevard.

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
Stewart Creek Interceptor	NTMWD	Publicly Owned	97,865
City of Frisco Sewer System	City of Frisco	Publicly Owned	97,865

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**.

The City of Frisco is an ever-growing suburb in Texas. The population continues to increase annually and has reached almost 240,000 in 2025. The Stewart Creek West WWTP daily flows have averaged over 75% of its 10 MGD capacity since 2023. Projections indicate that daily flows to the plant will exceed its current permitted 10 MGD capacity in the next decade. In order to sustain service to this growing region, the plant will need to expand its capacity to 15 MGD with the final unbuilt phase.

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 X No

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

☐ Yes ☐ No

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

Section 6. Permit Specific Requirements (Instructions Page 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: Interim II Phase approved 08/13/2015

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**.

The summary transmittal letter was submitted to the TCEQ on 05/29/2015 and the approval letter from the TCEQ was received on 08/13/2015. See Attachment TR-3 Approval Letter.

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 actions or new documentation exists pertaining to buffer zones.

C. Other actions required by the current permit

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

☒ Yes ☐ No

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

The current permit under *Other Requirements or Special Provisions* requires the permittee to notify the TCEQ in writing at least 45 days prior to the completion of the Interim II Phase of the WWTP on the Notification of Completion Form 20007. The Interim II Phase (10 MGD) has been completed and Notification of Completion Form 20007 was submitted to TCEQ on August 13, 2020. See Attachment TR-4 for the Notification of Completion Form for Interim II Phase (10 MGD)

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 U124 or TXRNE N/A

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	N/A	<2.2	1	Composite	02/27/2025 09:05
Total Suspended Solids, mg/l	N/A	1.6	1	Composite	02/27/2025 09:05
Ammonia Nitrogen, mg/l	N/A	0.207	1	Composite	02/27/2025 09:05
Nitrate Nitrogen, mg/l	N/A	22	1	Composite	02/27/2025 09:05
Total Kjeldahl Nitrogen, mg/l	N/A	1.48	1	Composite	02/27/2025 09:05
Sulfate, mg/l	N/A	188	1	Composite	02/27/2025 09:05
Chloride, mg/l	N/A	106	1	Composite	02/27/2025 09:05
Total Phosphorus, mg/l	N/A	0.3	1	Composite	02/27/2025 09:05
pH, standard units	N/A	7.41	1	Grab	02/27/2025 08:45
Dissolved Oxygen*, mg/l	N/A	8.96	1	Grab	02/27/2025 08:45
Chlorine Residual, mg/l	N/A	<0.04	1	Grab	02/27/2025 08:45
E.coli (CFU/100ml) freshwater	N/A	6.3	1	Grab	02/27/2025 08:45
Entercocci (CFU/100ml) saltwater	N/A	N/A	N/A	N/A	N/A
Total Dissolved Solids, mg/l	N/A	674	1	Composite	02/27/2025 09:05
Electrical Conductivity, µmohs/cm, †	N/A	869	1	Grab	02/27/2025 08:45
Oil & Grease, mg/l	N/A	1.41	1	Grab	2025-02-28 08:45
Alkalinity ($CaCO_3$)*, mg/l	N/A	81	1	Composite	02/27/2025 09:05

*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: Baron Snelgrove

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

Facility Operator's License Number: WW0053468

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: N/A

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
Disposal in Landfill	On-site Owner or Operator	Bulk	150.4 metric tons /month	N/A: Disposal in Landfill	N/A: Disposal in Landfill

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

D. Disposal site

Disposal site name: NTMWD 121 Regional Disposal Facility and C.M. Hinton Jr. Regional Landfill

TCEQ permit or registration number: 121 RDR - MSW 2294; Hinton RLF - Dallas

County where disposal site is located: 121 RDF - Collin; Hinton RLF - Dallas

E. Transportation method

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

Name of the hauler: North Texas Municipal Water District

Hauler registration number: 22488

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:

The TCEQ issued Authorization No. R14008-001 on November 8, 2007 for Type I Reclaimed Water.

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

ATTACHMENT TR-1

TREATMENT PROCESS DESCRIPTION

Stewart Creek West Wastewater Treatment Plant
Treatment Process Description

The North Texas Municipal Water District (NTMWD) Stewart Creek West Wastewater Treatment Plant (WWTP) is an advanced tertiary activated sludge plant operating in the Interim I Phase of 10.0 MGD. The plant will operate at 15.0 MGD in the Final Phase. The wastewater processes consist of *(3/3) mechanical step screens, *(2/2) grit removal systems, *(2/3) primary clarifiers, *(4/6) aeration basins, *(4/5) secondary clarifiers, *(3/7) tertiary cloth filter basins and the effluent is disinfected with a *(2/4) UV channels, and *(2/2) post aeration basins prior to the point of discharge to Stewart Creek. Four of the aeration basins will operate in conventional mode and 2 will operate in biological nutrient removal (BNR) mode. The WAS from the two existing *(2/2) WAS thickeners and from the Interim I and Final phase secondary clarifiers will be pumped to the aerated *(1/1) WAS holding tank for storage when the two *(2/2) Belt Filter Press (BFP) dewatering units are not in operation (11 hours/day, 7 days/week). Also, at these times when the BFPs are not in operation, the primary sludge will be stored in the primary clarifiers. When the BFP dewatering units are in operation (13 hours/day, 7 days/week), the thickened WAS from the existing secondary clarifiers and the primary sludge from the primary clarifiers are blended in a *(1/1) mixing tank. The blended sludge mixture is sent to the two BFP units for dewatering. The WAS of Interim I and Final Phase secondary clarifiers are sent directly to dewatering when the BFPs are in operation. The dewatered sludge is collected in a container and hauled to the NTMWD 121 Disposal Facility or the C.M. Hinton Jr. Regional Landfill for disposal.

*(Total units in Interim I Phase[Existing]/Final Phase Proposed Expansion)

[1] North Texas Municipal Water District is in the process of reevaluating its design for the Final Phase, but specific design features have not yet been identified. The information in this application will be updated once final decisions are made and as a part of the next permit renewal.

ATTACHMENT TR-2

TREATMENT UNITS

Stewart Creek West WWTP Treatment Unit Table

Existing/Interim I Capacity 10 MGD AADF, 35 MGD P2HF

Final Capacity[1] 15 MGD AADF, 52.5 MGD P2HF

Treatment Unit Type	Total number of Units	Total No. of Units Per Phase	Dimensions (L x W x D)
		Existing/Interim I 10MGD	Existing Capacity/Dimension
		Final[1] 15 MGD	Additional Capacity/Dimension
Mechanical Step Screens	3	3	4 ft. W Step Screen 0.25" openings
		0	N/A
Grit Removal Systems	2	2	12 ft. diameter
		0	N/A
Primary Clarifiers	3	2	105 ft. diameter, 14 ft. SWD
		1	115 ft. diameter, 10 ft. SWD
Aeration Basins	6	4	1 MG per basin, 18 ft. SWD 6 Zones: Zone 1-4 (25ft. x 25ft.) Zone 5 (50 ft. x 47 ft.) Zone 6 (50 ft. x 47 ft.)
		2	74 ft. x 74 ft. x 17.86 ft. SWD
Secondary Clarifiers	5	4	105 ft. diameter, 14 ft. SWD
		1	145 ft. diameter, 14 ft. SWD
Tertiary Cloth Filter Basins	7	3	18 discs per basin, Filter area 3,874 ft^2
		4	12 to 18 discs per basin
UV Disinfection channels	4	2	2 Channels, 2 Banks per Channel
		2	2 Channels, 30' x 4.17' x 5' SWD
Post Aeration Basins	2	2	40.5 ft. x 35.9 ft. x 14 ft. SWD
		0	N/A
WAS Thickeners	2	2	24 ft. diameter x 14.11 ft. SWD
		0	N/A
Aerated Waste Activated Sludge (WAS) Holding Tank	1	1	32 ft. in diameter x 15.5 ft. SWD 90,200 gallons
		0	N/A
Mixing Tank	1	1	36,100 gallons
		0	N/A
Belt Filter Presses	2	2	Belt width: 2 meters , 2,000 lb/hr
		0	N/A

[1] North Texas Municipal Water District is in the process of reevaluating its design for the Final Phase, but specific design features have not yet been identified. The information in this application will be updated once final decisions are made and as part of the next permit renewal.

ATTACHMENT TR-3

APPROVAL LETTER

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

August 13, 2015

Stephen L. Frost, P.E.
Carollo Engineers, Inc.
14785 Preston Road, Suite 950
Dallas, Texas 78754

Re: North Texas Municipal Water District
Stewart Creek West Wastewater Treatment Plant Expansion to 10 MGD
Permit No. WQ0014008-001
WWPR Log No. 0615/012
CN 601365448, RN 101607265
Denton County

Dear Mr. Frost:

We have received the project summary transmittal letter dated May 29, 2015.

The rules which regulate the design, installation and testing of domestic wastewater projects are found in 30 TAC, Chapter 217, of the Texas Commission on Environmental Quality (TCEQ) rules titled, Design Criteria for Wastewater Systems.

The Stewart Creek West Wastewater Treatment Plant Expansion proposes construction of an annual flow of 5 million gallons per day (MGD) expansion to the existing 5 MGD treatment facility resulting in a maximum capacity of 10 MGD. The project will be designed with a peak 2-hour factor of 35 MGD. Construction also includes a treatment train consisting of two aeration basins designed for the removal of nutrients (ammonia and phosphorus), two secondary clarifiers, and tertiary filters. The combined treated wastewater from the existing and new trains will be combined and disinfected. The treatment units consist of the following:

The following parameters were given for the plant influent design of the expansion:

Influent Characteristics:

- 140 mg/L $CBOD_5$
- 200 mg/L TSS
- 26 mg/L NH_3-N
- 5 mg/L Total phosphorus

The proposed new influent pump station, preliminary and primary treatment trains will include the following elements:

Influent pump station (IPS):

- Total pumping capacity of 40.8 MGD and firm capacity of 32.1 MGD.
- Provide two 8.7 MGD submersible pumps and one 3.0 MGD submersible pump per wet well chamber for a total of six pumps.

- Installation of new discharge piping connecting the IPS to both the existing and new headworks
- Connects to a new influent box upstream
- New ventilation/odor control system
  - Bio trickling filters

Preliminary Treatment:

- New headworks structure
  - Two screen channels will each consists of a mechanical fine screen
    - Annual flow of 5 MGD and 14 MGD P2HF per channel
    - 6.6 foot channel depth and 4 foot channel width
    - 0.25 inches bar openings
    - Passive overflow channel that will serve as a bypass
- New shaft less screw conveyor and washer-compactor
- Grit Removal (Additive Bid Alternative)
  - Includes two, 2 foot diameter trains with a capacity of 28 MGD
  - Free vortex system manufactured by Hydro International
  - Consists of grit pumps, grit washing and a grit dewatering system

Primary Treatment:

- Existing Primary Clarifier No. 1
  - New cover and ventilation/odor control system
- New Primary Clarifier No.2
  - Annual flow of 5 MGD and 19.5 MGD P2HF
  - 105 foot diameter and 14 foot side water depth
  - 2,252 GPD/ft^2 surface overflow rate at P2HF
  - 31,349 GPD/ft. weir loading rate at P2HF
  - 35% $CBOD_5$ removal and 60% TSS removal
  - Aluminum cover and ventilation/odor control system
    - Bio trickling filters
- New primary clarifier effluent pump
  - One self-priming non-clog effluent pump
- New primary sludge pump station
  - Three double disk pumps (two duty and one standby)

Aeration Basins and Biological Nutrient Removal

- New Activated Sludge/Biological Nutrient Removal Basins
  - Two aeration basins, each made of six zones.
  - Zones 1, 2 and 3: The influent from the primary treatment can be routed to either of the first three zones, which have a capacity of 85,000 gallons (gal) each, and are intended to operate under anaerobic or anoxic conditions (needed for biological nutrient removal); however, zone three is equipped with diffusers to allow it to be aerobic.
  - Zone 4: The fourth zone has the same capacity (85,000 gal) and is equipped with air diffusers to allow it to operate under anaerobic, anoxic, or aerobic conditions.

- Zones 5 and 6: Have a combined capacity of 630,000 gal and are equipped with air diffusers and it is intended to operate under aerobic conditions.
- Recycle Flows: The overflow from zone 6 can be routed back to any of the first four zones or to the secondary clarifiers. The flow routing and flexibility in operation allows the treatment facility to be operated as Anaerobic-Anoxic-Oxic (A2O), Johannesburg, or Modified Ludzack-Ettinger (MLE), to achieve phosphorus removal.

- Blowers
  - There are three blowers, two for regular operation and one for stand-by. The two duty blowers are designed to provide enough air for zones 5 and 6 in both basins and the stand-by blower may be used if zones 3 or 4 are operated in aerobic conditions.

Secondary Clarification

- New Flow Splitter Box
  - The flow splitter box used to split the flow for the two clarifiers is equipped with a polymer addition for flocculation to chemically remove phosphorus.
- New Secondary Clarifiers
  - Two secondary clarifiers, designed to operate in parallel with a diameter of 105 feet (ft.), equipped with density current baffles, and equipped with energy dissipating inlets (EDI).

Tertiary Treatment

- New Tertiary Filters
  - Three tertiary filter units provide treatment to the effluent from both treatment trains.
  - Designed to operate at an average flow of 10 MGD and 2-hour peak flow of 35 MGD.
  - Two of the filter units are intended to operate regularly and one serves as backup.
  - The filter units are equipped with flat plate cloth media filters (10 microns).

UV Disinfection System

Low-pressure, high-output UV horizontal lamps
Proposed Parameter/ Values

- 10 MGD Flow
- 35MGD Peak flow
- 2-Channels
- 17.5 MGD per channel
- Motorized Weir Gate Level control

Belt Presses.

- 2 - two meter belt filters with room to add a third press.

Approved variances:

- We have also reviewed your variance requests for the influent lift station wet well ventilation and tight-fitting cover for the screenings and debris container. Based on the information given to us concerning this project, we are granting both variances.

- The P2HF surface overflow rate and weir loading rate of the proposed primary clarifier exceeds the maximum allowable rate established in Chapter 217. In order to meet these parameters, a variance was sought based on matching the existing clarifier diameter. We have reviewed the information that we have received from you, as well as your firm's discussion with Louis Herrin on January 13, 2014. Based on our review, we are conditionally granting the variance.

- Variance from 217.152(c)(5), related to the weir loading for clarifiers for facilities with design flow greater than 1 MGD. The secondary clarifiers from the project include EDI, a stilling well, density current baffles, and tertiary filters to prevent short-circuiting and the re-suspension of settled solids, and the collection of any solids that can exit the clarifiers in the filtration units.

This approval does not mean that future projects will be approved without a complete plans and specifications review. The TCEQ will provide a notification of intent to review whenever a project is to undergo a complete plans and specifications review. Please be reminded of 30 TAC §217.7(a) of the rules which states, "Approval given by the executive director or other authorized review authority does not relieve an owner of any liability or responsibility with respect to designing, constructing, or operating a collection system or treatment facility in accordance with applicable commission rules and the associated wastewater permit".

If you have any questions or if we can be of any further assistance, please contact Louis C. Herrin, III, P.E. at (512) 239-4552.

Sincerely,

Rebekah Ryder
Wastewater Permits Section (MC 148)
Water Quality Division
Texas Commission on Environmental Quality

Santiago Velez-Garcia
Wastewater Permits Section (MC 148)
Water Quality Division
Texas Commission on Environmental Quality

Louis C. Herrin, III, P.E.
Wastewater Permits Section (MC 148)
Water Quality Division
Texas Commission on Environmental Quality

RR/SVG/LCH/kwm

cc: TCEQ, Region 04 Office

ATTACHMENT TR-4

Notification of Completion for Wastewater Treatment Facility Interim Phase II

NORTH TEXAS MUNICIPAL
WATER DISTRICT

Regional Service Through Unity

August 13, 2020

Texas Commission on Environmental Quality
Applications Review and Processing Team (MC-148)
P. O. Box 13087
Austin, Texas 78711-3087

CMRRR 7019 0700 0000 5934 7569

Enclosed is the Notification of Completion/Phase of Wastewater Treatment Facility for the Stewart Creek West WWTP.

Should you have any questions concerning these reports, please contact this office at 469-626-4300.

Sincerely,

KEN WESSON,

Sewer System Manager

KWW:gw
Enclosures: Notification

505 E. Brown Street • P.O. Box 2408 • Wylie, Texas 75098-2408 • Telephone: (972) 442-5405 • Fax: (972) 295-6440

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
NOTIFICATION OF COMPLETION/PHASE OF WASTEWATER TREATMENT FACILITY

If you have questions about completing this form please contact the Applications Review and Processing Team at 512-239-4671.

Current Permit Information

What is the TCEQ Water Quality Permit Number? WQ0014008001

What is the EPA I.D. Number? TX 0103501

Current Name on Permit: North Texas Municipal Water District

Notification

Indicate the phase the facility will be operating.

- ☐ Interim Phase I Flow
- ☒ Interim Phase II Flow
- ☐ Interim Phase III Flow
- ☐ Final Phase Flow

Indicate the date that the operation began or will begin operating under the selected phase: Month/Day/Year: 10/01/2020

Comments:

Certification and Signature

Responsible Official Name (Print or Type): Jennafer Covington

Responsible Official Title: Assistant Director (Wastewater)

Responsible Official Email: jcovington@ntmwd.com

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

Signature (use blue ink): Jennafer Covington Date: 8/13/2020

Email completed form to: **WQ-ARPTeam@tceq.texas.gov**
or

Fax completed form to: **512-239-0884**
or mail completed form to: Texas Commission on Environmental Quality
Applications Review and Processing Team (MC-148)
P.O. Box 13087
Austin TX 78711-3087

ATTACHMENT TR-5

WORKSHEET 2.0

RECEIVING WATERS

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: N/A

Distance and direction to the intake: N/A

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

Attachment: N/A

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: N/A

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).

N/A

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).

N/A

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: Stewart Creek

A. Receiving water type

Identify the appropriate description of the receiving waters.

☒ Stream

☐ Freshwater Swamp or Marsh

☐ Lake or Pond

Surface area, in acres: N/A

Average depth of the entire water body, in feet: N/A

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

☐ Man-made Channel or Ditch

☐ Open Bay

☐ Tidal Stream, Bayou, or Marsh

☐ Other, specify: N/A

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: N/A

C. Downstream perennial confluences

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

N/A

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.

Stewart Creek converges with the head waters of Lake Lewisville about 3 miles downstream from the discharge of the WWTP.

E. Normal dry weather characteristics

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

The stream was holding water bank to bank. The water surface was approximately 15 ft wide. The creek bed surrounding the bridge was composed of rock. Water was flowing over the rocks. The banks are fully stabilized with trees, grass, and shrubs.

Date and time of observation: 9/12/2023 @ 10:45 am

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: N/A

B. Waterbody uses

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

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

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

ATTACHMENT TR-6

POLLUTANT ANALYSIS OF TREATED EFFLUENT

Stewart Creek West WWTP	Project: **30TAC307 Monitoring**	
5100 4th Army Memorial	Project Number: 30TAC307+Table III+ Permit Renewal	**Reported:**
Frisco, TEXAS 75034	Project Manager: Kristen Suprobo	2025-05-30 11:29

ANALYTICAL REPORT FOR SAMPLES

Case Narrative Comments for 2509002

Revision of report issued on 04/23/25. Incorrect units convertion for EPA 625.1 Fluorene corrected.
Revision of report issued on 04/24/25. Reporting limits corrected for EPA 608.

Laboratory ID :	2509002-01
Sample Name :	Influent TC
Sample Alias :	
Sample Type :	24 Hour Composite
Sampled Begin :	2025-02-26 09:25
Sampled Ended :	2025-02-27 09:25
Matrix :	Aqueous; (Water)
Outfall :	
Sampler A :	Eric Rohan
Sampler B :	Esteban Davis
Job Info :	

Laboratory ID :	2509002-02
Sample Name :	Influent Equipment Blank
Sample Alias :	
Sample Type :	Grab
Sampled Begin :	2025-02-25 14:15
Sampled Ended :	2025-02-25 14:15
Matrix :	Aqueous; (Water)
Outfall :	
Sampler A :	Lab Personnel
Sampler B :	
Job Info :	

Laboratory ID :	2509002-03
Sample Name :	Influent G
Sample Alias :	
Sample Type :	Grab
Sampled Begin :	2025-02-27 09:40
Sampled Ended :	2025-02-27 09:40
Matrix :	Aqueous; (Water)
Outfall :	
Sampler A :	Eric Rohan
Sampler B :	Esteban Davis
Job Info :	

Laboratory ID :	2509002-04
Sample Name :	Effluent TC
Sample Alias :	
Sample Type :	24 Hour Composite
Sampled Begin :	2025-02-26 09:05
Sampled Ended :	2025-02-27 09:05
Matrix :	Aqueous; (Water)
Outfall :	
Sampler A :	Eric Rohan
Sampler B :	Esteban Davis
Job Info :	

Laboratory ID :	2509002-05
Sample Name :	Effluent Equipment Blank
Sample Alias :	
Sample Type :	Grab
Sampled Begin :	2025-02-25 14:18
Sampled Ended :	2025-02-25 14:18
Matrix :	Aqueous; (Water)
Outfall :	
Sampler A :	Lab Personnel
Sampler B :	
Job Info :	

Laboratory ID :	2509002-06
Sample Name :	Effluent G
Sample Alias :	
Sample Type :	Grab
Sampled Begin :	2025-02-27 08:45
Sampled Ended :	2025-02-27 08:45
Matrix :	Aqueous; (Water)
Outfall :	
Sampler A :	Eric Rohan
Sampler B :	Esteban Davis
Job Info :	

Laboratory ID :	2509002-07
Sample Name :	Trip Blank
Sample Alias :	
Sample Type :	Grab
Sampled Begin :	2025-02-25 14:20
Sampled Ended :	2025-02-25 14:20
Matrix :	Aqueous; (Water)
Outfall :	
Sampler A :	Lab Personnel
Sampler B :	
Job Info :	

North Texas Municipal Water District

Kelly Harden, Laboratory Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document.

North Texas Municipal Water District Laboratory
201 E Brown St.
Wylie, TX 75098

Stewart Creek West WWTP	Project: **30TAC307 Monitoring**	
5100 4th Army Memorial	Project Number: 30TAC307+Table III+ Permit Renewal	**Reported:**
Frisco, TEXAS 75034	Project Manager: Kristen Suprobo	2025-05-30 11:29

ANALYTICAL REPORT FOR SAMPLES

Influent TC (2509002-01)

Total Metals by EPA 200.8
North Texas Municipal Water District

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes
Silver	lmg	ND	0.500	0.250	0.500	ug/L	1	2506214	2025-03-04	2025-03-05	EPA 200.8	
Arsenic	lmg	**1.32**	0.500	0.250	0.500	ug/L	1	"	2025-03-04	2025-03-05	"	
Barium	lmg	**81.9**	1.00	0.500	1.00	ug/L	1	"	2025-03-04	2025-03-05	"	
Beryllium	lmg	ND	0.500	0.250	0.500	ug/L	1	"	2025-03-04	2025-03-05	"	
Cadmium	lmg	ND	1.00	0.500	1.00	ug/L	1	"	2025-03-04	2025-03-05	"	
Chromium	lmg	**2.54**	2.50	1.25	2.50	ug/L	1	"	2025-03-04	2025-03-05	"	
Copper	lmg	**194**	1.00	0.500	1.00	ug/L	1	"	2025-03-04	2025-03-05	"	
Nickel	lmg	**11.0**	1.00	0.500	1.00	ug/L	1	"	2025-03-04	2025-03-05	"	
Lead	lmg	**1.06**	0.500	0.250	0.500	ug/L	1	"	2025-03-04	2025-03-05	"	
Antimony	lmg	ND	2.50	1.25	2.50	ug/L	1	"	2025-03-04	2025-03-05	"	CCBJ
Selenium	lmg	**1.81**	1.00	0.500	1.00	ug/L	1	"	2025-03-04	2025-03-05	"	
Thallium	lmg	ND	0.500	0.250	0.500	ug/L	1	"	2025-03-04	2025-03-05	"	
Zinc	lmg	**180**	2.50	1.25	2.50	ug/L	1	"	2025-03-04	2025-03-05	"	

Total Mercury by EPA 245.7
North Texas Municipal Water District

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes
Mercury	ran	**0.00984**	0.00500	0.00180	0.00500	ug/L	1	2507619	2025-03-18	2025-03-18	EPA 245.7	

Anions by EPA 300 Series
North Texas Municipal Water District

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes
Fluoride	ran	**227**	20	10	20	ug/L	1	2505813	2025-02-27	2025-02-27	EPA 300.0	
Nitrate as N	ran	ND	20	10	20	ug/L	1	"	250227 1048	250227 1353	"	

Carbamate and Urea Pesticides (HPLC)
Eurofins Dallas

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes
Diuron	aa	ND	0.0257	0.0514	0.0900	ug/L	5	220281	2025-03-04	2025-03-07	632	SUB
Carbaryl	aa	ND	0.927	1.85	5.00	ug/L	5	"	2025-03-04	2025-03-07	"	SUB

Glycols- Direct Injection (GC/FID)
Eurofins Dallas

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes
Ethylene glycol	jbs	ND	1220	1.22	5.00	ug/L	1	219904	2025-03-03	2025-03-03	8015D	SUB
Propylene glycol	jbs	ND	1840	1.84	5.00	ug/L	1	"	2025-03-03	2025-03-03	"	SUB

Stewart Creek West WWTP	Project: **30TAC307 Monitoring**	
5100 4th Army Memorial	Project Number: 30TAC307+Table III+ Permit Renewal	**Reported:**
Frisco, TEXAS 75034	Project Manager: Kristen Suprobo	2025-05-30 11:29

ANALYTICAL REPORT FOR SAMPLES

Influent TC (2509002-01)

Herbicides (GC)
Eurofins Dallas

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2,4-Dichlorophenylacetic acid		*118 %*		*45-150*			1	*220040*	*2025-03-04*	*2025-03-05*	*615*	*SUB*
Pentachlorophenol	wp	ND	0.0446	0.0000443	0.000200	ug/L	1	"	2025-03-04	2025-03-05	"	SUB
Hexachlorophene	wp	ND	0.813	0.000808	0.00500	ug/L	1	"	2025-03-04	2025-03-05	"	SUB
Dinoseb	wp	ND	0.0345	0.0000343	0.000200	ug/L	1	"	2025-03-04	2025-03-05	"	*-, *1,SUB
2,4-D	wp	ND	0.0542	0.0000539	0.000200	ug/L	1	"	2025-03-04	2025-03-05	"	SUB
Dalapon	wp	ND	0.0479	0.0000476	0.000200	ug/L	1	"	2025-03-04	2025-03-05	"	SUB
Dicamba	wp	ND	0.0426	0.0000423	0.000200	ug/L	1	"	2025-03-04	2025-03-05	"	SUB
Silvex (2,4,5-TP)	wp	ND	0.0425	0.0000422	0.000200	ug/L	1	"	2025-03-04	2025-03-05	"	SUB

Organochlorine Pesticides in Water
Eurofins Dallas

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes
Surrogate: Tetrachloro-m-xylene		*47 %*		*18-126*			1	*220428*	*2025-03-05*	*2025-03-06*	*EPA 608.3*	*SUB*
Surrogate: DCB Decachlorobiphenyl (Surr)		*29 %*		*15-136*			1	*"*	*2025-03-05*	*2025-03-06*	*"*	*SUB*
Heptachlor epoxide	wp	ND	0.00125	0.00125	0.0100	ug/L	1	"	2025-03-05	2025-03-06	"	SUB
Toxaphene	wp	ND	0.078	0.0780	0.200	ug/L	1	"	2025-03-05	2025-03-06	"	SUB
delta-BHC	wp	ND	0.0025	0.00250	0.0200	ug/L	1	"	2025-03-05	2025-03-06	"	SUB
Dieldrin	wp	ND	0.000625	0.000625	0.00500	ug/L	1	"	2025-03-05	2025-03-06	"	SUB
Chlordane	wp	ND	0.025	0.0250	0.200	ug/L	1	"	2025-03-05	2025-03-06	"	SUB
Heptachlor	wp	ND	0.00169	0.00169	0.00500	ug/L	1	"	2025-03-05	2025-03-06	"	SUB
gamma-BHC (Lindane)	wp	ND	0.00344	0.00344	0.0100	ug/L	1	"	2025-03-05	2025-03-06	"	SUB
Endosulfan II	wp	ND	0.00125	0.00125	0.0100	ug/L	1	"	2025-03-05	2025-03-06	"	SUB
Endrin aldehyde	wp	ND	0.00592	0.00592	0.0500	ug/L	1	"	2025-03-05	2025-03-06	"	SUB
Endosulfan sulfate	wp	ND	0.00559	0.00559	0.0500	ug/L	1	"	2025-03-05	2025-03-06	"	SUB
Endrin	wp	ND	0.0025	0.00250	0.0200	ug/L	1	"	2025-03-05	2025-03-06	"	SUB
Endosulfan I	wp	ND	0.00125	0.00125	0.0100	ug/L	1	"	2025-03-05	2025-03-06	"	SUB
Aldrin	wp	ND	0.00125	0.00125	0.0100	ug/L	1	"	2025-03-05	2025-03-06	"	SUB
beta-BHC	wp	ND	0.00125	0.00125	0.0100	ug/L	1	"	2025-03-05	2025-03-06	"	SUB
alpha-BHC	wp	ND	0.000625	0.000625	0.00500	ug/L	1	"	2025-03-05	2025-03-06	"	SUB
4,4'-DDD	wp	ND	0.0025	0.00250	0.0200	ug/L	1	"	2025-03-05	2025-03-06	"	SUB
4,4'-DDT	wp	ND	0.0025	0.00250	0.0200	ug/L	1	"	2025-03-05	2025-03-06	"	SUB
4,4'-DDE	wp	ND	0.00125	0.00125	0.0100	ug/L	1	"	2025-03-05	2025-03-06	"	SUB
Mirex	wp	ND	0.02	0.0000200	0.0000200	ug/L	1	"	2025-03-05	2025-03-06	"	SUB
Methoxychlor	wp	ND	0.0125	0.0000125	0.000100	ug/L	1	"	2025-03-05	2025-03-06	"	SUB
Dicofol	wp	ND	0.5	0.000500	0.000500	ug/L	1	"	2025-03-05	2025-03-06	"	SUB

Polychlorinated Biphenyls (PCBs) (GC)
Eurofins Dallas

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes

ANALYTICAL REPORT FOR SAMPLES

Influent TC (2509002-01)

Polychlorinated Biphenyls (PCBs) (GC)

Eurofins Dallas

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes
Surrogate: DCB Decachlorobiphenyl (Surr)		*32 %*		*15-136*			1	*220428*	*2025-03-05*	*2025-03-07*	*EPA 608.3*	*SUB*
Surrogate: Tetrachloro-m-xylene		*18 %*		*18-126*			1	*"*	*2025-03-05*	*2025-03-07*	*"*	*SUB*
PCB-1242	wp	ND	0.0443	0.0443	0.100	ug/L	1	"	2025-03-05	2025-03-07	"	SUB
PCB-1016	wp	ND	0.0443	0.0443	0.100	ug/L	1	"	2025-03-05	2025-03-07	"	*+,SUB
Polychlorinated biphenyls, Total	wp	ND	0.039	0.0390	0.100	ug/L	1	"	2025-03-05	2025-03-07	"	SUB
PCB-1260	wp	ND	0.039	0.0390	0.100	ug/L	1	"	2025-03-05	2025-03-07	"	SUB
PCB-1254	wp	ND	0.039	0.0390	0.100	ug/L	1	"	2025-03-05	2025-03-07	"	SUB
PCB-1248	wp	ND	0.0443	0.0443	0.100	ug/L	1	"	2025-03-05	2025-03-07	"	SUB
PCB-1221	wp	ND	0.0443	0.0443	0.100	ug/L	1	"	2025-03-05	2025-03-07	"	SUB
PCB-1232	wp	ND	0.0443	0.0443	0.100	ug/L	1	"	2025-03-05	2025-03-07	"	SUB

Semivolatile Organic Compounds (GC/MS)

Eurofins Dallas

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Fluorobiphenyl (Surr)		*76 %*		*29-112*			1	*219948*	*2025-03-03*	*2025-03-04*	*EPA 625.1*	*SUB*
Surrogate: Phenol-d5 (Surr)		*18 %*		*8-424*			1	*"*	*2025-03-03*	*2025-03-04*	*"*	*SUB*
Surrogate: Nitrobenzene-d5 (Surr)		*71 %*		*15-314*			1	*"*	*2025-03-03*	*2025-03-04*	*"*	*SUB*
Surrogate: p-Terphenyl-d14 (Surr)		*119 %*		*20-141*			1	*"*	*2025-03-03*	*2025-03-04*	*"*	*SUB*
Surrogate: 2-Fluorophenol (Surr)		*34 %*		*28-114*			1	*"*	*2025-03-03*	*2025-03-04*	*"*	*SUB*
Surrogate: 2,4,6-Tribromophenol (Surr)		*78 %*		*31-132*			1	*"*	*2025-03-03*	*2025-03-04*	*"*	*SUB*
Phenanthrene	pxs	ND	1.42	1.42	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	*+,SUB
Acenaphthene	pxs	ND	1.39	1.39	5.70	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
Hexachlorocyclopentadiene	pxs	ND	10	10.0	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	*+,SUB
Hexachloroethane	pxs	ND	0.526	0.526	4.80	ug/L	1	"	2025-03-03	2025-03-04	"	*+,SUB
Indeno[1,2,3-cd]pyrene	pxs	ND	2.29	2.29	5.00	ug/L	1	"	2025-03-03	2025-03-04	"	*+,SUB
Isophorone	pxs	ND	1.64	1.64	5.00	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
N-Nitrosodi-n-propylamine	pxs	ND	2.88	2.88	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
N-Nitrosodiphenylamine	pxs	ND	1.81	1.81	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
Diethyl phthalate	pxs	ND	1.59	1.59	5.00	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
Pentachlorophenol	pxs	ND	0.234	0.234	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
Dibenz(a,h)anthracene	pxs	ND	0.246	0.246	5.00	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
2,6-Dinitrotoluene	pxs	ND	1.61	1.61	5.00	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
2,4,6-Trichlorophenol	pxs	ND	1.42	1.42	5.00	ug/L	1	"	2025-03-03	2025-03-04	"	*+,SUB
2-Chlorophenol	pxs	ND	0.649	0.649	5.00	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
2-Nitrophenol	pxs	ND	1.67	1.67	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
4-Nitrophenol	pxs	ND	2.36	2.36	7.20	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
4-Nonylphenol	pxs	ND	10	10.0	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
Pentachlorobenzene	pxs	ND	1.07	1.07	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
Azobenzene	pxs	ND	1.5	1.50	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	*+,SUB

ANALYTICAL REPORT FOR SAMPLES

Influent TC (2509002-01)

Semivolatile Organic Compounds (GC/MS)
Eurofins Dallas

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes
2,4-Dichlorophenol	pxs	ND	0.314	0.314	5.00	ug/L	1	219948	2025-03-03	2025-03-04	EPA 625.1	*+,SUB
2,4-Dimethylphenol	pxs	ND	0.649	0.649	5.00	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
2,4-Dinitrophenol	pxs	ND	1.61	1.61	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
2,4-Dinitrotoluene	pxs	ND	1.31	1.31	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
3,3'-Dichlorobenzidine	pxs	ND	0.341	0.341	5.00	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
4,6-Dinitro-2-methylphenol	pxs	ND	1.44	1.44	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
4-Bromophenyl phenyl ether	pxs	ND	0.256	0.256	5.00	ug/L	1	"	2025-03-03	2025-03-04	"	*+,SUB
Hexachlorobutadiene	pxs	ND	1	1.00	1.00	ug/L	1	"	2025-03-03	2025-03-04	"	*+,SUB
4-Chlorophenyl phenyl ether	pxs	ND	1.28	1.28	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
2-Methylphenol	pxs	ND	1.62	1.62	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
Benzidine	pxs	ND	20	20.0	20.0	ug/L	1	"	2025-03-03	2025-03-04	"	*-,SUB
Benzo[a]anthracene	pxs	ND	0.173	0.173	5.00	ug/L	1	"	2025-03-03	2025-03-04	"	*+,SUB
Benzo[a]pyrene	pxs	ND	0.364	0.364	5.00	ug/L	1	"	2025-03-03	2025-03-04	"	*+,SUB
Benzo[b]fluoranthene	pxs	ND	2.04	2.04	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	*+,SUB
Bisphenol-A	pxs	ND	10	10.0	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	*-,SUB
Butyl benzyl phthalate	pxs	ND	0.337	0.337	5.00	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
Chrysene	pxs	ND	0.222	0.222	5.00	ug/L	1	"	2025-03-03	2025-03-04	"	*+,SUB
4-Chloro-3-methylphenol	pxs	ND	1.57	1.57	5.00	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
2,2'-oxybis[1-chloropropane]	pxs	ND	1.79	1.79	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
Fluoranthene	pxs	ND	1.59	1.59	5.00	ug/L	1	"	2025-03-03	2025-03-04	"	*+,SUB
Hexachlorobenzene	pxs	ND	0.307	0.307	5.00	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
Naphthalene	pxs	ND	2.5	2.50	2.50	ug/L	1	"	2025-03-03	2025-03-04	"	*+,SUB
Acenaphthylene	pxs	ND	1.41	1.41	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	*+,SUB
N-Nitrosodiethylamine	pxs	ND	1.75	1.75	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
2-Chloronaphthalene	pxs	ND	0.462	0.462	5.00	ug/L	1	"	2025-03-03	2025-03-04	"	*+,SUB
1,2,4,5-Tetrachlorobenzene	pxs	ND	1.32	1.32	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	*+,SUB
Di-n-octyl phthalate	pxs	ND	0.373	0.373	5.00	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
1,2-Diphenylhydrazine	pxs	ND	1.49	1.49	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	*+,SUB
Nitrobenzene	pxs	ND	1.66	1.66	5.00	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
2,4,5-Trichlorophenol	pxs	ND	2	2.00	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	*+,SUB
N-Nitrosodi-n-butylamine	pxs	ND	1.49	1.49	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
Pyrene	pxs	ND	0.178	0.178	5.00	ug/L	1	"	2025-03-03	2025-03-04	"	*+,SUB
Total Cresols	pxs	**7.82**	2.62	2.62	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	Ja,SUB
3 & 4 Methylphenol	pxs	**7.82**	2.62	2.62	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	Ja,SUB
Pyridine	pxs	ND	10	10.0	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
Phenol	pxs	**3.05**	0.423	0.423	4.50	ug/L	1	"	2025-03-03	2025-03-04	"	Ja,SUB
1,2,4-Trichlorobenzene	pxs	ND	1.61	1.61	5.00	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
Bis(2-ethylhexyl) phthalate	pxs	ND	0.277	0.277	5.00	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
Anthracene	pxs	ND	1.5	1.50	5.70	ug/L	1	"	2025-03-03	2025-03-04	"	*+,SUB
Benzo[g,h,i]perylene	pxs	ND	2.68	2.68	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	SUB

ANALYTICAL REPORT FOR SAMPLES

Influent TC (2509002-01)

Semivolatile Organic Compounds (GC/MS)
Eurofins Dallas

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes
Benzo[k]fluoranthene	pxs	ND	5	5.00	5.00	ug/L	1	219948	2025-03-03	2025-03-04	EPA 625.1	*+,SUB
Bis(2-chloroethoxy)methane	pxs	ND	1.76	1.76	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
N-Nitrosodimethylamine	pxs	ND	2.02	2.02	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
Bis(2-chloroethyl)ether	pxs	ND	2.16	2.16	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
Dimethyl phthalate	pxs	ND	2.5	2.50	2.50	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
Di-n-butyl phthalate	pxs	ND	0.252	0.252	5.00	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
Fluorene	pxs	ND	1.63	1630	5000	ug/L	1	"	2025-03-03	2025-03-04	"	*+,SUB

Semivolatile Organic Compounds (GC/MS) TICs
Eurofins Dallas

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes
2,3,7,8-TCDD TIC 01	pxs	ND	10			ug/L	1	"	2025-03-03	2025-03-04	625.1 TICs	SUB

Pesticides by 1657
SPL

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes
Parathion, methyl	kap	ND	0.0491			ug/L	0.98	1165735	2025-03-04	2025-03-05	EPA 1657	SUB
Guthion	kap	ND	0.0491			ug/L	0.98	"	2025-03-04	2025-03-05	"	SUB
Chlorpyrifos	kap	ND	0.0491			ug/L	0.98	"	2025-03-04	2025-03-05	"	SUB
Parathion, ethyl	kap	ND	0.0491			ug/L	0.98	"	2025-03-04	2025-03-05	"	SUB
Demeton	kap	ND	0.0491			ug/L	0.98	"	2025-03-04	2025-03-05	"	SUB
Diazinon	kap	ND	0.0491			ug/L	0.98	"	2025-03-04	2025-03-05	"	SUB
Malathion	kap	ND	0.0491			ug/L	0.98	"	2025-03-04	2025-03-05	"	SUB

Influent TC (2509002-01RE1)

Total Metals by EPA 200.8
North Texas Municipal Water District

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes
Aluminum	lmg	**386**	25.0	1.25	2.50	ug/L	10	2506214	2025-03-04	2025-03-05	EPA 200.8	

Influent Equipment Blank (2509002-02)

Total Mercury by EPA 245.7
North Texas Municipal Water District

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes
Mercury	ran	ND	0.00500	0.00180	0.00500	ug/L	1	2507619	2025-03-18	2025-03-18	EPA 245.7	

Influent G (2509002-03)

North Texas Municipal Water District

Stewart Creek West WWTP	Project: **30TAC307 Monitoring**	
5100 4th Army Memorial	Project Number: 30TAC307+Table III+ Permit Renewal	**Reported:**
Frisco, TEXAS 75034	Project Manager: Kristen Suprobo	2025-05-30 11:29

ANALYTICAL REPORT FOR SAMPLES

Influent G (2509002-03)

Chromium, Hexavalent
Eurofins Dallas

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes
Chromium, hexavalent	cjh	**15.7**	2.8	0.00280	0.0100	ug/L	1	26763	2025-02-27	2025-02-27	SM 3500 CR B	SUB

Chromium, Trivalent
Eurofins Dallas

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes
Cr (III)	nr	ND	2			ug/L	1	221193	2025-03-10	2025-03-10	"	SUB

Cyanide, Amenable
Eurofins Dallas

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes
Cyanide, Amenable	mc	ND	2.33			ug/L	1	219959	2025-03-07	2025-03-07	SM 4500 CN G	SUB

Cyanide, Non-amenable
Eurofins Dallas

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes
Cyanide, Non-amenable	all	**33.5**	2.33	2.33	5.00	ug/L	1	219679	2025-02-28	2025-02-28	4500 CN G NonAm	SUB

Cyanide, Total, Acid Dissociable and Thiocyanate
Eurofins Dallas

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes
Cyanide, Total	bw	**5.74**	1.98	0.00198	0.00500	ug/L	1	221070	2025-03-06	2025-03-06	Kelada 01	SUB

Metals (ICP/MS) Total Recoverable
Eurofins Dallas

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes
Cr	dp	**2.67**	0.89	0.000890	0.00300	ug/L	1	220982	2025-03-07	2025-03-07	200.8	Ja,SUB

Phenolics, Total Recoverable
Eurofins Dallas

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes
Phenols, Total	bw	**44.3**	5.8	5.80	10.0	ug/L	1	220873	2025-03-05	2025-03-05	420.4	SUB

Volatile Organic Compounds (GC/MS)
Eurofins Dallas

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes
Surrogate: Toluene-d8 (Surr)		*102 %*		*80-120*			2	*219795*	*2025-03-03*	*2025-03-03*	*EPA 624.1*	*SUB*
Surrogate: 1,2-Dichloroethane-d4 (Surr)		*103 %*		*63-144*			2	*"*	*2025-03-03*	*2025-03-03*	*"*	*SUB*
Surrogate: Dibromofluoromethane (Surr)		*101 %*		*75-131*			2	*"*	*2025-03-03*	*2025-03-03*	*"*	*SUB*
Surrogate: 4-Bromofluorobenzene (Surr)		*100 %*		*74-124*			2	*"*	*2025-03-03*	*2025-03-03*	*"*	*SUB*

Stewart Creek West WWTP	Project: **30TAC307 Monitoring**	
5100 4th Army Memorial	Project Number: 30TAC307+Table III+ Permit Renewal	**Reported:**
Frisco, TEXAS 75034	Project Manager: Kristen Suprobo	2025-05-30 11:29

ANALYTICAL REPORT FOR SAMPLES

Influent G (2509002-03)

Volatile Organic Compounds (GC/MS)
Eurofins Dallas

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes
Bromoform	an	ND	1.27	0.633	5.00	ug/L	2	219795	2025-03-03	2025-03-03	EPA 624.1	SUB
Acetone	an	**305**	6.13	3.07	100	ug/L	2	"	2025-03-03	2025-03-03	"	SUB
cis-1,2-Dichloroethene	an	ND	0.914	0.457	1.00	ug/L	2	"	2025-03-03	2025-03-03	"	SUB
Chloromethane	an	ND	4.07	2.04	10.0	ug/L	2	"	2025-03-03	2025-03-03	"	SUB
Chloroethane	an	ND	3.97	1.98	10.0	ug/L	2	"	2025-03-03	2025-03-03	"	SUB
Chlorobenzene	an	ND	0.91	0.455	1.00	ug/L	2	"	2025-03-03	2025-03-03	"	SUB
Carbon tetrachloride	an	ND	1.79	0.896	2.00	ug/L	2	"	2025-03-03	2025-03-03	"	SUB
2-Chloroethyl vinyl ether	an	ND	1.51	0.753	5.00	ug/L	2	"	2025-03-03	2025-03-03	"	SUB
MTBE	an	ND	2.78			ug/L	2	"	2025-03-03	2025-03-03	"	SUB
1,1,1-Trichloroethane	an	ND	1.17	0.585	5.00	ug/L	2	"	2025-03-03	2025-03-03	"	SUB
Bromodichloromethane	an	ND	1.1	0.552	1.00	ug/L	2	"	2025-03-03	2025-03-03	"	SUB
Benzene	an	ND	0.919	0.460	1.00	ug/L	2	"	2025-03-03	2025-03-03	"	SUB
Acrylonitrile	an	ND	28.6	14.3	50.0	ug/L	2	"	2025-03-03	2025-03-03	"	SUB
cis-1,3-Dichloropropene	an	ND	2.13	1.07	5.00	ug/L	2	"	2025-03-03	2025-03-03	"	SUB
Acrolein	an	ND	22.2	11.1	50.0	ug/L	2	"	2025-03-03	2025-03-03	"	SUB
2-Butanone	an	ND	16.6	8.28	50.0	ug/L	2	"	2025-03-03	2025-03-03	"	SUB
Bromomethane	an	ND	2.84	1.42	5.00	ug/L	2	"	2025-03-03	2025-03-03	"	SUB
1,1-Dichloroethene	an	ND	1.48	0.738	1.00	ug/L	2	"	2025-03-03	2025-03-03	"	SUB
Ethylbenzene	an	ND	0.77	0.385	1.00	ug/L	2	"	2025-03-03	2025-03-03	"	SUB
Epichlorohydrin	an	ND	15			ug/L	2	"	2025-03-03	2025-03-03	"	SUB
1,4-Dichlorobenzene	an	ND	0.898	0.449	1.00	ug/L	2	"	2025-03-03	2025-03-03	"	SUB
1,3-Dichlorobenzene	an	ND	0.826	0.413	1.00	ug/L	2	"	2025-03-03	2025-03-03	"	SUB
1,2-Dichloroethane	an	ND	0.744	0.372	1.00	ug/L	2	"	2025-03-03	2025-03-03	"	SUB
1,2-Dichlorobenzene	an	ND	0.858	0.429	1.00	ug/L	2	"	2025-03-03	2025-03-03	"	SUB
m,p-Xylenes	an	ND	2.48	1.24	10.0	ug/L	2	"	2025-03-03	2025-03-03	"	SUB
1,2,4-Trichlorobenzene	an	ND	3.51	1.75	5.00	ug/L	2	"	2025-03-03	2025-03-03	"	SUB
1,1,2,2-Tetrachloroethane	an	ND	0.94	0.470	1.00	ug/L	2	"	2025-03-03	2025-03-03	"	SUB
1,1-Dichloroethane	an	ND	1.27	0.635	1.00	ug/L	2	"	2025-03-03	2025-03-03	"	SUB
1,1,2-Trichloroethane	an	ND	0.822	0.411	1.00	ug/L	2	"	2025-03-03	2025-03-03	"	SUB
1,2-Dichloropropane	an	**3.33**	1.11	0.556	5.00	ug/L	2	"	2025-03-03	2025-03-03	"	Ja,SUB
o-Xylene	an	ND	1	0.502	1.00	ug/L	2	"	2025-03-03	2025-03-03	"	SUB
Toluene	an	**1.66**	0.95	0.475	1.00	ug/L	2	"	2025-03-03	2025-03-03	"	Ja,SUB
Trihalomethanes, Total	an	**1.33**	1.27	0.633	5.00	ug/L	2	"	2025-03-03	2025-03-03	"	Ja,SUB
Chloroform	an	**1.33**	0.928	0.464	1.00	ug/L	2	"	2025-03-03	2025-03-03	"	Ja,SUB
1,2-Dibromoethane	an	ND	2	0.999	5.00	ug/L	2	"	2025-03-03	2025-03-03	"	SUB
Dibromochloromethane	an	ND	1.09	0.547	5.00	ug/L	2	"	2025-03-03	2025-03-03	"	SUB
Naphthalene	an	ND	2.71	1.35	10.0	ug/L	2	"	2025-03-03	2025-03-03	"	SUB
Tetrachloroethene	an	ND	1.31	0.655	1.00	ug/L	2	"	2025-03-03	2025-03-03	"	SUB
trans-1,2-Dichloroethene	an	ND	0.736	0.368	1.00	ug/L	2	"	2025-03-03	2025-03-03	"	SUB
trans-1,3-Dichloropropene	an	ND	2.53	1.27	5.00	ug/L	2	"	2025-03-03	2025-03-03	"	SUB

ANALYTICAL REPORT FOR SAMPLES

Influent G (2509002-03)

Volatile Organic Compounds (GC/MS)
Eurofins Dallas

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes
Trichloroethene	an	ND	3	1.50	5.00	ug/L	2	219795	2025-03-03	2025-03-03	EPA 624.1	SUB
Vinyl acetate	an	ND	4.28	2.14	20.0	ug/L	2	"	2025-03-03	2025-03-03	"	SUB
Vinyl chloride	an	ND	0.856	0.428	2.00	ug/L	2	"	2025-03-03	2025-03-03	"	SUB
1,3-Dichloropropene, Total	an	ND	2.53	1.27	5.00	ug/L	2	"	2025-03-03	2025-03-03	"	SUB
Xylenes, Total	an	ND	2.48	1.24	10.0	ug/L	2	"	2025-03-03	2025-03-03	"	SUB
Methylene Chloride	an	ND	3.45	1.73	5.00	ug/L	2	"	2025-03-03	2025-03-03	"	SUB

Effluent TC (2509002-04)

Total Metals by EPA 200.8
North Texas Municipal Water District

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes
Silver	lmg	ND	0.500	0.250	0.500	ug/L	1	2506214	2025-03-04	2025-03-05	EPA 200.8	
Aluminum	lmg	**5.72**	2.50	1.25	2.50	ug/L	1	"	2025-03-04	2025-03-05	"	
Arsenic	lmg	**0.768**	0.500	0.250	0.500	ug/L	1	"	2025-03-04	2025-03-05	"	
Barium	lmg	**27.9**	1.00	0.500	1.00	ug/L	1	"	2025-03-04	2025-03-05	"	
Beryllium	lmg	ND	0.500	0.250	0.500	ug/L	1	"	2025-03-04	2025-03-05	"	
Cadmium	lmg	ND	1.00	0.500	1.00	ug/L	1	"	2025-03-04	2025-03-05	"	
Chromium	lmg	ND	2.50	1.25	2.50	ug/L	1	"	2025-03-04	2025-03-05	"	
Copper	lmg	**7.79**	1.00	0.500	1.00	ug/L	1	"	2025-03-04	2025-03-05	"	
Nickel	lmg	**7.24**	1.00	0.500	1.00	ug/L	1	"	2025-03-04	2025-03-05	"	
Lead	lmg	ND	0.500	0.250	0.500	ug/L	1	"	2025-03-04	2025-03-05	"	
Antimony	lmg	ND	2.50	1.25	2.50	ug/L	1	"	2025-03-04	2025-03-05	"	CCBJ
Selenium	lmg	**1.27**	1.00	0.500	1.00	ug/L	1	"	2025-03-04	2025-03-05	"	
Thallium	lmg	ND	0.500	0.250	0.500	ug/L	1	"	2025-03-04	2025-03-05	"	
Zinc	lmg	**23.3**	2.50	1.25	2.50	ug/L	1	"	2025-03-04	2025-03-05	"	

Total Mercury by EPA 245.7
North Texas Municipal Water District

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes
Mercury	ran	ND	0.00500	0.00180	0.00500	ug/L	1	2507619	2025-03-18	2025-03-18	EPA 245.7	

Conventional Chemistry Parameters by EPA Methods
North Texas Municipal Water District

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes
Ammonia as N	tns	**207**	50.0	50.0	100	ug/L	1	2505827	2025-02-28	2025-02-28	EPA 350.1	
Total Phosphate as P	hfs	**300**	10.0	10.0	20.0	ug/L	1	2506212	2025-03-03	2025-03-04	EPA 365.1	
Total Kjeldal Nitrogen	lac	**1480**	100	100	200	ug/L	1	2506305	2025-03-04	2025-03-04	EPA 351.2	

ANALYTICAL REPORT FOR SAMPLES

Effluent TC (2509002-04)

Conventional Chemistry Parameters by Standard Methods
North Texas Municipal Water District

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes
Total Alkalinity	yjs	**81000**	20000	10000	20000	ug/L	1	2505910	2025-02-28	2025-02-28	SM 2320B	
Carbonaceous Biochemical Oxygen Demand	smm/s	ND	2200	100	2000	ug/L	1.11	2505905	250228 1159	250305 0914	SM 5210B	
Total Dissolved Solids	pp	**674000**	5000	5000	10000	ug/L	1	2505914	2025-03-06	2025-03-07	SM 2540C	HT
Total Suspended Solids	be	**1600**	500	500	500	ug/L	1	2505913	2025-03-03	2025-03-03	SM 2540D	

Anions by EPA 300 Series
North Texas Municipal Water District

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes
Chloride	nv	**106000**	5000	500	1000	ug/L	5	2505801	2025-02-27	2025-02-27	EPA 300.0	
Fluoride	ran	**339**	20	10	20	ug/L	1	2505813	2025-02-27	2025-02-27	"	
Sulfate	nv	**188000**	5000	500	1000	ug/L	5	2505801	2025-02-27	2025-02-27	"	

Carbamate and Urea Pesticides (HPLC)
Eurofins Dallas

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes
Diuron	aa	ND	0.00514	0.0514	0.0900	ug/L	1	220281	2025-03-04	2025-03-05	632	SUB
Carbaryl	aa	ND	0.185	1.85	5.00	ug/L	1	"	2025-03-04	2025-03-05	"	SUB

Glycols- Direct Injection (GC/FID)
Eurofins Dallas

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes
Propylene glycol	jbs	ND	1840	1.84	5.00	ug/L	1	219904	2025-03-03	2025-03-03	8015D	SUB
Ethylene glycol	jbs	ND	1220	1.22	5.00	ug/L	1	"	2025-03-03	2025-03-03	"	SUB

Herbicides (GC)
Eurofins Dallas

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2,4-Dichlorophenylacetic acid		*90 %*	*45-150*				1	*220040*	*2025-03-04*	*2025-03-05*	*615*	*SUB*
Pentachlorophenol	wp	ND	0.0446	0.0000443	0.000200	ug/L	1	"	2025-03-04	2025-03-05	"	SUB
2,4-D	wp	ND	0.0542	0.0000539	0.000200	ug/L	1	"	2025-03-04	2025-03-05	"	SUB
Dalapon	wp	ND	0.0479	0.0000476	0.000200	ug/L	1	"	2025-03-04	2025-03-05	"	SUB
Dicamba	wp	ND	0.0426	0.0000423	0.000200	ug/L	1	"	2025-03-04	2025-03-05	"	SUB
Hexachlorophene	wp	ND	0.813	0.000808	0.00500	ug/L	1	"	2025-03-04	2025-03-05	"	SUB
Silvex (2,4,5-TP)	wp	ND	0.0425	0.0000422	0.000200	ug/L	1	"	2025-03-04	2025-03-05	"	SUB
Dinoseb	wp	ND	0.0345	0.0000343	0.000200	ug/L	1	"	2025-03-04	2025-03-05	"	*-, *1,SUB

Organochlorine Pesticides in Water
Eurofins Dallas

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes

ANALYTICAL REPORT FOR SAMPLES

Effluent TC (2509002-04)

Organochlorine Pesticides in Water
Eurofins Dallas

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes
Surrogate: DCB Decachlorobiphenyl (Surr)		*224 %*		*15-136*			2	*220428*	*2025-03-05*	*2025-03-06*	*EPA 608.3*	*S1+,SUB*
Surrogate: Tetrachloro-m-xylene		*249 %*		*18-126*			2	*"*	*2025-03-05*	*2025-03-06*	*"*	*S1+,SUB*
Toxaphene	wp	ND	0.156	0.0780	0.200	ug/L	2	"	2025-03-05	2025-03-06	"	SUB
4,4'-DDD	wp	ND	0.005	0.00250	0.0200	ug/L	2	"	2025-03-05	2025-03-06	"	SUB
4,4'-DDE	wp	ND	0.0025	0.00125	0.0100	ug/L	2	"	2025-03-05	2025-03-06	"	SUB
4,4'-DDT	wp	ND	0.005	0.00250	0.0200	ug/L	2	"	2025-03-05	2025-03-06	"	SUB
Aldrin	wp	ND	0.0025	0.00125	0.0100	ug/L	2	"	2025-03-05	2025-03-06	"	SUB
Endosulfan II	wp	ND	0.0025	0.00125	0.0100	ug/L	2	"	2025-03-05	2025-03-06	"	SUB
Endosulfan sulfate	wp	ND	0.0112	0.00559	0.0500	ug/L	2	"	2025-03-05	2025-03-06	"	SUB
Endrin	wp	ND	0.005	0.00250	0.0200	ug/L	2	"	2025-03-05	2025-03-06	"	SUB
Endrin aldehyde	wp	ND	0.0118	0.00592	0.0500	ug/L	2	"	2025-03-05	2025-03-06	"	SUB
gamma-BHC (Lindane)	wp	ND	0.00688	0.00344	0.0100	ug/L	2	"	2025-03-05	2025-03-06	"	SUB
Chlordane	wp	ND	0.05	0.0250	0.200	ug/L	2	"	2025-03-05	2025-03-06	"	SUB
delta-BHC	wp	ND	0.005	0.00250	0.0200	ug/L	2	"	2025-03-05	2025-03-06	"	SUB
alpha-BHC	wp	ND	0.00125	0.000625	0.00500	ug/L	2	"	2025-03-05	2025-03-06	"	SUB
beta-BHC	wp	ND	0.0025	0.00125	0.0100	ug/L	2	"	2025-03-05	2025-03-06	"	SUB
Dieldrin	wp	ND	0.00125	0.000625	0.00500	ug/L	2	"	2025-03-05	2025-03-06	"	SUB
Endosulfan I	wp	ND	0.0025	0.00125	0.0100	ug/L	2	"	2025-03-05	2025-03-06	"	SUB
Heptachlor	wp	ND	0.00338	0.00169	0.00500	ug/L	2	"	2025-03-05	2025-03-06	"	SUB
Heptachlor epoxide	wp	ND	0.0025	0.00125	0.0100	ug/L	2	"	2025-03-05	2025-03-06	"	SUB
Mirex	wp	ND	0.04	0.000020	0.000020(	ug/L	2	"	2025-03-05	2025-03-06	"	SUB
Methoxychlor	wp	ND	0.025	0.000012	0.000100	ug/L	2	"	2025-03-05	2025-03-06	"	SUB
Dicofol	wp	ND	1	0.000500	0.000500	ug/L	2	"	2025-03-05	2025-03-06	"	SUB

Polychlorinated Biphenyls (PCBs) (GC)
Eurofins Dallas

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes
Surrogate: DCB Decachlorobiphenyl (Surr)		*185 %*		*15-136*			2	*"*	*2025-03-05*	*2025-03-07*	*"*	*S1+,SUB*
Surrogate: Tetrachloro-m-xylene		*178 %*		*18-126*			2	*"*	*2025-03-05*	*2025-03-07*	*"*	*S1+,SUB*
PCB-1248	wp	ND	0.0887	0.0443	0.100	ug/L	2	"	2025-03-05	2025-03-07	"	SUB
PCB-1016	wp	ND	0.0887	0.0443	0.100	ug/L	2	"	2025-03-05	2025-03-07	"	*+,SUB
PCB-1260	wp	ND	0.078	0.0390	0.100	ug/L	2	"	2025-03-05	2025-03-07	"	SUB
Polychlorinated biphenyls, Total	wp	ND	0.078	0.0390	0.100	ug/L	2	"	2025-03-05	2025-03-07	"	SUB
PCB-1242	wp	ND	0.0887	0.0443	0.100	ug/L	2	"	2025-03-05	2025-03-07	"	SUB
PCB-1254	wp	ND	0.078	0.0390	0.100	ug/L	2	"	2025-03-05	2025-03-07	"	SUB
PCB-1232	wp	ND	0.0887	0.0443	0.100	ug/L	2	"	2025-03-05	2025-03-07	"	SUB
PCB-1221	wp	ND	0.0887	0.0443	0.100	ug/L	2	"	2025-03-05	2025-03-07	"	SUB

ANALYTICAL REPORT FOR SAMPLES

Effluent TC (2509002-04)

Semivolatile Organic Compounds (GC/MS)

Eurofins Dallas

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes
Surrogate: Nitrobenzene-d5 (Surr)		*110 %*		*15-314*			1	*219948*	*2025-03-03*	*2025-03-04*	*EPA 625.1*	*SUB*
Surrogate: p-Terphenyl-d14 (Surr)		*132 %*		*20-141*			1	"	*2025-03-03*	*2025-03-04*	"	*SUB*
Surrogate: Phenol-d5 (Surr)		*26 %*		*8-424*			1	"	*2025-03-03*	*2025-03-04*	"	*SUB*
Surrogate: 2,4,6-Tribromophenol (Surr)		*77 %*		*31-132*			1	"	*2025-03-03*	*2025-03-04*	"	*SUB*
Surrogate: 2-Fluorobiphenyl (Surr)		*112 %*		*29-112*			1	"	*2025-03-03*	*2025-03-04*	"	*SUB*
Surrogate: 2-Fluorophenol (Surr)		*47 %*		*28-114*			1	"	*2025-03-03*	*2025-03-04*	"	*SUB*
Acenaphthylene	pxs	ND	1.41	1.41	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	*+,SUB
Anthracene	pxs	ND	1.5	1.50	5.70	ug/L	1	"	2025-03-03	2025-03-04	"	*+,SUB
Azobenzene	pxs	ND	1.5	1.50	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	*+,SUB
Benzidine	pxs	ND	20	20.0	20.0	ug/L	1	"	2025-03-03	2025-03-04	"	*-,SUB
N-Nitrosodi-n-butylamine	pxs	ND	1.49	1.49	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
Acenaphthene	pxs	ND	1.39	1.39	5.70	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
Fluoranthene	pxs	ND	1.59	1.59	5.00	ug/L	1	"	2025-03-03	2025-03-04	"	*+,SUB
Bis(2-chloroethoxy)methane	pxs	ND	1.76	1.76	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
Bis(2-chloroethyl)ether	pxs	ND	2.16	2.16	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
Bis(2-ethylhexyl) phthalate	pxs	ND	0.277	0.277	5.00	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
Bisphenol-A	pxs	ND	10	10.0	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	*-,SUB
Butyl benzyl phthalate	pxs	ND	0.337	0.337	5.00	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
Di-n-octyl phthalate	pxs	ND	0.373	0.373	5.00	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
Hexachloroethane	pxs	ND	0.526	0.526	4.80	ug/L	1	"	2025-03-03	2025-03-04	"	*+,SUB
N-Nitrosodiethylamine	pxs	ND	1.75	1.75	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
Benzo[a]pyrene	pxs	ND	0.364	0.364	5.00	ug/L	1	"	2025-03-03	2025-03-04	"	*+,SUB
Benzo[b]fluoranthene	pxs	ND	2.04	2.04	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	*+,SUB
Benzo[g,h,i]perylene	pxs	ND	2.68	2.68	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
Benzo[k]fluoranthene	pxs	ND	5	5.00	5.00	ug/L	1	"	2025-03-03	2025-03-04	"	*+,SUB
Chrysene	pxs	ND	0.222	0.222	5.00	ug/L	1	"	2025-03-03	2025-03-04	"	*+,SUB
Dibenz(a,h)anthracene	pxs	ND	0.246	0.246	5.00	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
Diethyl phthalate	pxs	ND	1.59	1.59	5.00	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
4-Nonylphenol	pxs	ND	10	10.0	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
Di-n-butyl phthalate	pxs	ND	0.252	0.252	5.00	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
4-Nitrophenol	pxs	ND	2.36	2.36	7.20	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
Indeno[1,2,3-cd]pyrene	pxs	ND	2.29	2.29	5.00	ug/L	1	"	2025-03-03	2025-03-04	"	*+,SUB
Isophorone	pxs	ND	1.64	1.64	5.00	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
Naphthalene	pxs	ND	2.5	2.50	2.50	ug/L	1	"	2025-03-03	2025-03-04	"	*+,SUB
Nitrobenzene	pxs	ND	1.66	1.66	5.00	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
Pentachlorobenzene	pxs	ND	1.07	1.07	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
Pentachlorophenol	pxs	ND	0.234	0.234	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
Phenanthrene	pxs	ND	1.42	1.42	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	*+,SUB
Phenol	pxs	ND	0.423	0.423	4.50	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
Pyrene	pxs	ND	0.178	0.178	5.00	ug/L	1	"	2025-03-03	2025-03-04	"	*+,SUB

ANALYTICAL REPORT FOR SAMPLES

Effluent TC (2509002-04)

Semivolatile Organic Compounds (GC/MS)
Eurofins Dallas

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes
Dimethyl phthalate	pxs	ND	2.5	2.50	2.50	ug/L	1	219948	2025-03-03	2025-03-04	EPA 625.1	SUB
1,2,4-Trichlorobenzene	pxs	ND	1.61	1.61	5.00	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
Hexachlorobutadiene	pxs	ND	1	1.00	1.00	ug/L	1	"	2025-03-03	2025-03-04	"	*+,SUB
Hexachlorocyclopentadiene	pxs	ND	10	10.0	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	*+,SUB
4,6-Dinitro-2-methylphenol	pxs	ND	1.44	1.44	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
N-Nitrosodimethylamine	pxs	ND	2.02	2.02	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
2,4,5-Trichlorophenol	pxs	ND	2	2.00	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	*+,SUB
N-Nitrosodi-n-propylamine	pxs	ND	2.88	2.88	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
N-Nitrosodiphenylamine	pxs	ND	1.81	1.81	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
Pyridine	pxs	ND	10	10.0	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
Benzo[a]anthracene	pxs	ND	0.173	0.173	5.00	ug/L	1	"	2025-03-03	2025-03-04	"	*+,SUB
1,2,4,5-Tetrachlorobenzene	pxs	ND	1.32	1.32	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	*+,SUB
Hexachlorobenzene	pxs	ND	0.307	0.307	5.00	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
1,2-Diphenylhydrazine	pxs	ND	1.49	1.49	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	*+,SUB
2,4-Dinitrophenol	pxs	ND	1.61	1.61	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
2,4-Dinitrotoluene	pxs	ND	1.31	1.31	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
2,6-Dinitrotoluene	pxs	ND	1.61	1.61	5.00	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
2-Chloronaphthalene	pxs	ND	0.462	0.462	5.00	ug/L	1	"	2025-03-03	2025-03-04	"	*+,SUB
2-Chlorophenol	pxs	ND	0.649	0.649	5.00	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
4-Bromophenyl phenyl ether	pxs	ND	0.256	0.256	5.00	ug/L	1	"	2025-03-03	2025-03-04	"	*+,SUB
4-Chloro-3-methylphenol	pxs	ND	1.57	1.57	5.00	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
4-Chlorophenyl phenyl ether	pxs	ND	1.28	1.28	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
Total Cresols	pxs	ND	2.62	2.62	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
3 & 4 Methylphenol	pxs	ND	2.62	2.62	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
2-Nitrophenol	pxs	ND	1.67	1.67	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
2-Methylphenol	pxs	ND	1.62	1.62	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
2,4-Dichlorophenol	pxs	ND	0.314	0.314	5.00	ug/L	1	"	2025-03-03	2025-03-04	"	*+,SUB
3,3'-Dichlorobenzidine	pxs	ND	0.341	0.341	5.00	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
2,4-Dimethylphenol	pxs	ND	0.649	0.649	5.00	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
2,4,6-Trichlorophenol	pxs	ND	1.42	1.42	5.00	ug/L	1	"	2025-03-03	2025-03-04	"	*+,SUB
2,2'-oxybis[1-chloropropane]	pxs	ND	1.79	1.79	10.0	ug/L	1	"	2025-03-03	2025-03-04	"	SUB
Fluorene	pxs	ND	1.63	1630	5000	ug/L	1	"	2025-03-03	2025-03-04	"	*+,SUB

Semivolatile Organic Compounds (GC/MS) TICs
Eurofins Dallas

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes
2,3,7,8-TCDD TIC 01	pxs	ND	10			ug/L	1	"	2025-03-03	2025-03-04	625.1 TICs	SUB

Stewart Creek West WWTP	Project: **30TAC307 Monitoring**	
5100 4th Army Memorial	Project Number: 30TAC307+Table III+ Permit Renewal	**Reported:**
Frisco, TEXAS 75034	Project Manager: Kristen Suprobo	2025-05-30 11:29

ANALYTICAL REPORT FOR SAMPLES

Effluent TC (2509002-04)

Tetra Chlorinated Dioxin (GC/MS/MS)
Eurofins Dallas

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 13C-2,3,7,8-TCDD		*68 %*	*31-137*				1	*139033*	*2025-03-03*	*2025-03-04*	*1613B*	*SUB*
2,3,7,8-TCDD	x8aa	ND	0.00000022.07	4.93		ug/L	1	"	2025-03-03	2025-03-04	"	SUB

Pesticides by 1657
SPL

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes
Guthion	kap	ND	0.0499			ug/L	1	1165735	2025-03-04	2025-03-05	EPA 1657	SUB
Parathion, ethyl	kap	ND	0.0499			ug/L	1	"	2025-03-04	2025-03-05	"	SUB
Malathion	kap	ND	0.0499			ug/L	1	"	2025-03-04	2025-03-05	"	SUB
Diazinon	kap	ND	0.0499			ug/L	1	"	2025-03-04	2025-03-05	"	SUB
Demeton	kap	ND	0.0499			ug/L	1	"	2025-03-04	2025-03-05	"	SUB
Chlorpyrifos	kap	ND	0.0499			ug/L	1	"	2025-03-04	2025-03-05	"	SUB
Parathion, methyl	kap	ND	0.0499			ug/L	1	"	2025-03-04	2025-03-05	"	SUB

Effluent TC (2509002-04RE1)

Anions by EPA 300 Series
North Texas Municipal Water District

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes
Nitrate as N	ran	**22000**	200	10	20	ug/L	10	2505813	250227 1048	250227 1522	EPA 300.0	

Effluent Equipment Blank (2509002-05)

Total Mercury by EPA 245.7
North Texas Municipal Water District

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes
Mercury	ran	ND	0.00500	0.00180	0.00500	ug/L	1	2507619	2025-03-18	2025-03-18	EPA 245.7	

Effluent G (2509002-06)

Conventional Chemistry Parameters by Field Personnel
North Texas Municipal Water District

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes
Residual Chlorine	er/ed	ND	0.0400		0.0400	mg/L	1	2505822	250227 0845	250227 0845	4500-Cl-G	AccFD
Conductance at 25°C	er/ed	**869**				mS/cm	1	"	2025-02-27	2025-02-27	SM 2510B	AccFD
Dissolved Oxygen	er/ed	**8.96**				mg/L	1	"	250227 0845	250227 0845	SM 4500-O-G	AccFD
pH	er/ed	**7.41**				pH/SU	1	"	250227 0845	250227 0845	SM 4500-H-B	AccFD
Temperature	er/ed	**18.0**				°C	1	"	250227 0845	250227 0845	SM 2550B	AccFD

ANALYTICAL REPORT FOR SAMPLES

Effluent G (2509002-06)

Coliform by Quantitray
North Texas Municipal Water District

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes
Escherichia Coliform	srb	**6.3**	1.0	1.0	1.0	MPN/100mL	1	2505828	250227 1505	250228 1527	MPN E-Coli	

Chromium, Hexavalent
Eurofins Dallas

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes
Chromium, hexavalent	cjh	**3.59**	2.8	0.00280	0.0100	ug/L	1	26763	2025-02-27	2025-02-27	SM 3500 CR B	Ja,SUB

Chromium, Trivalent
Eurofins Dallas

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes
Cr (III)	nr	ND	2			ug/L	1	221193	2025-03-10	2025-03-10	"	SUB

Cyanide, Amenable
Eurofins Dallas

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes
Cyanide, Amenable	mc	ND	2.33			ug/L	1	219959	2025-03-07	2025-03-07	SM 4500 CN G	SUB

Cyanide, Non-amenable
Eurofins Dallas

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes
Cyanide, Non-amenable	all	ND	2.33	2.33	5.00	ug/L	1	219679	2025-02-28	2025-02-28	4500 CN G NonAm	SUB

Cyanide, Total, Acid Dissociable and Thiocyanate
Eurofins Dallas

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes
Cyanide, Total	bw	ND	1.98	0.00198	0.00500	ug/L	1	221070	2025-03-06	2025-03-06	Kelada 01	SUB

Metals (ICP/MS) Total Recoverable
Eurofins Dallas

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes
Cr	dp	ND	0.89	0.000890	0.00300	ug/L	1	220982	2025-03-07	2025-03-07	200.8	SUB

Phenolics, Total Recoverable
Eurofins Dallas

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes
Phenols, Total	bw	ND	5.8	5.80	10.0	ug/L	1	220873	2025-03-05	2025-03-05	420.4	SUB

ANALYTICAL REPORT FOR SAMPLES

Effluent G (2509002-06)

Volatile Organic Compounds (GC/MS)
Eurofins Dallas

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes
Surrogate: Toluene-d8 (Surr)		*101 %*		*80-120*			1	*219795*	*2025-03-03*	*2025-03-03*	*EPA 624.1*	*SUB*
Surrogate: 4-Bromofluorobenzene (Surr)		*99 %*		*74-124*			1	*"*	*2025-03-03*	*2025-03-03*	*"*	*SUB*
Surrogate: 1,2-Dichloroethane-d4 (Surr)		*107 %*		*63-144*			1	*"*	*2025-03-03*	*2025-03-03*	*"*	*SUB*
Surrogate: Dibromofluoromethane (Surr)		*105 %*		*75-131*			1	*"*	*2025-03-03*	*2025-03-03*	*"*	*SUB*
Vinyl acetate	an	ND	2.14	2.14	20.0	ug/L	1	"	2025-03-03	2025-03-03	"	SUB
o-Xylene	an	ND	0.502	0.502	1.00	ug/L	1	"	2025-03-03	2025-03-03	"	SUB
Tetrachloroethene	an	ND	0.655	0.655	1.00	ug/L	1	"	2025-03-03	2025-03-03	"	SUB
Toluene	an	ND	0.475	0.475	1.00	ug/L	1	"	2025-03-03	2025-03-03	"	SUB
trans-1,2-Dichloroethene	an	ND	0.368	0.368	1.00	ug/L	1	"	2025-03-03	2025-03-03	"	SUB
Xylenes, Total	an	ND	1.24	1.24	10.0	ug/L	1	"	2025-03-03	2025-03-03	"	SUB
Trichloroethene	an	ND	1.5	1.50	5.00	ug/L	1	"	2025-03-03	2025-03-03	"	SUB
Vinyl chloride	an	ND	0.428	0.428	2.00	ug/L	1	"	2025-03-03	2025-03-03	"	SUB
1,3-Dichloropropene, Total	an	ND	1.27	1.27	5.00	ug/L	1	"	2025-03-03	2025-03-03	"	SUB
Trihalomethanes, Total	an	ND	0.633	0.633	5.00	ug/L	1	"	2025-03-03	2025-03-03	"	SUB
cis-1,2-Dichloroethene	an	ND	0.457	0.457	1.00	ug/L	1	"	2025-03-03	2025-03-03	"	SUB
Naphthalene	an	ND	1.35	1.35	10.0	ug/L	1	"	2025-03-03	2025-03-03	"	SUB
trans-1,3-Dichloropropene	an	ND	1.27	1.27	5.00	ug/L	1	"	2025-03-03	2025-03-03	"	SUB
1,2-Dibromoethane	an	ND	0.999	0.999	5.00	ug/L	1	"	2025-03-03	2025-03-03	"	SUB
Dibromochloromethane	an	ND	0.547	0.547	5.00	ug/L	1	"	2025-03-03	2025-03-03	"	SUB
2-Chloroethyl vinyl ether	an	ND	0.753	0.753	5.00	ug/L	1	"	2025-03-03	2025-03-03	"	SUB
2-Butanone	an	ND	8.28	8.28	50.0	ug/L	1	"	2025-03-03	2025-03-03	"	SUB
1,4-Dichlorobenzene	an	ND	0.449	0.449	1.00	ug/L	1	"	2025-03-03	2025-03-03	"	SUB
1,3-Dichlorobenzene	an	ND	0.413	0.413	1.00	ug/L	1	"	2025-03-03	2025-03-03	"	SUB
1,2-Dichloropropane	an	ND	0.556	0.556	5.00	ug/L	1	"	2025-03-03	2025-03-03	"	SUB
Acrolein	an	ND	11.1	11.1	50.0	ug/L	1	"	2025-03-03	2025-03-03	"	SUB
1,2-Dichlorobenzene	an	ND	0.429	0.429	1.00	ug/L	1	"	2025-03-03	2025-03-03	"	SUB
Acrylonitrile	an	ND	14.3	14.3	50.0	ug/L	1	"	2025-03-03	2025-03-03	"	SUB
1,2,4-Trichlorobenzene	an	ND	1.75	1.75	5.00	ug/L	1	"	2025-03-03	2025-03-03	"	SUB
1,1-Dichloroethene	an	ND	0.738	0.738	1.00	ug/L	1	"	2025-03-03	2025-03-03	"	SUB
1,1-Dichloroethane	an	ND	0.635	0.635	1.00	ug/L	1	"	2025-03-03	2025-03-03	"	SUB
1,1,2-Trichloroethane	an	ND	0.411	0.411	1.00	ug/L	1	"	2025-03-03	2025-03-03	"	SUB
1,1,2,2-Tetrachloroethane	an	ND	0.47	0.470	1.00	ug/L	1	"	2025-03-03	2025-03-03	"	SUB
1,1,1-Trichloroethane	an	ND	0.585	0.585	5.00	ug/L	1	"	2025-03-03	2025-03-03	"	SUB
1,2-Dichloroethane	an	ND	0.372	0.372	1.00	ug/L	1	"	2025-03-03	2025-03-03	"	SUB
Chloroethane	an	ND	1.98	1.98	10.0	ug/L	1	"	2025-03-03	2025-03-03	"	SUB
Methylene Chloride	an	ND	1.73	1.73	5.00	ug/L	1	"	2025-03-03	2025-03-03	"	SUB
m,p-Xylenes	an	ND	1.24	1.24	10.0	ug/L	1	"	2025-03-03	2025-03-03	"	SUB
Ethylbenzene	an	ND	0.385	0.385	1.00	ug/L	1	"	2025-03-03	2025-03-03	"	SUB
Epichlorohydrin	an	ND	7.52			ug/L	1	"	2025-03-03	2025-03-03	"	SUB
cis-1,3-Dichloropropene	an	ND	1.07	1.07	5.00	ug/L	1	"	2025-03-03	2025-03-03	"	SUB

ANALYTICAL REPORT FOR SAMPLES

Effluent G (2509002-06)

Volatile Organic Compounds (GC/MS)
Eurofins Dallas

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes
Acetone	an	ND	3.07	3.07	100	ug/L	1	219795	2025-03-03	2025-03-03	EPA 624.1	SUB
Chloroform	an	ND	0.464	0.464	1.00	ug/L	1	"	2025-03-03	2025-03-03	"	SUB
MTBE	an	ND	1.39			ug/L	1	"	2025-03-03	2025-03-03	"	SUB
Chlorobenzene	an	ND	0.455	0.455	1.00	ug/L	1	"	2025-03-03	2025-03-03	"	SUB
Carbon tetrachloride	an	ND	0.896	0.896	2.00	ug/L	1	"	2025-03-03	2025-03-03	"	SUB
Bromomethane	an	ND	1.42	1.42	5.00	ug/L	1	"	2025-03-03	2025-03-03	"	SUB
Bromoform	an	ND	0.633	0.633	5.00	ug/L	1	"	2025-03-03	2025-03-03	"	SUB
Bromodichloromethane	an	ND	0.552	0.552	1.00	ug/L	1	"	2025-03-03	2025-03-03	"	SUB
Benzene	an	ND	0.46	0.460	1.00	ug/L	1	"	2025-03-03	2025-03-03	"	SUB
Chloromethane	an	ND	2.04	2.04	10.0	ug/L	1	"	2025-03-03	2025-03-03	"	SUB

Trip Blank (2509002-07)

Total Mercury by EPA 245.7
North Texas Municipal Water District

Analyte	Analyst	Result	SRL	MDL	MRL	Units	Prep Ratio	Batch	Prepared	Analyzed	Method	Notes
Mercury	ran	ND	0.00500	0.00180	0.00500	ug/L	1	2507619	2025-03-18	2025-03-18	EPA 245.7	

ANALYTICAL REPORT FOR SAMPLES

Total Metals by EPA 200.8 - Quality Control

North Texas Municipal Water District

Analyte	Result	AQL	Units	Spike Level	MDL	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2506214 - [200.8 Digestion] Digested down to 10mL at 95ºC											
Blank (2506214-BLK1)					Prepared: 2025-03-04 Analyzed: 2025-03-05						
Aluminum	ND	2.50	ug/L		1.25						
Arsenic	ND	0.500	"		0.250						
Barium	ND	1.00	"		0.500						
Cadmium	ND	1.00	"		0.500						
Copper	ND	1.00	"		0.500						
Lead	ND	0.500	"		0.250						
Nickel	ND	1.00	"		0.500						
Selenium	ND	1.00	"		0.500						
Silver	ND	0.500	"		0.250						
Zinc	ND	2.50	"		1.25						
Antimony	ND	2.50	"		1.25						CCBJ
Beryllium	ND	0.500	"		0.250						
Thallium	ND	0.500	"		0.250						
Chromium	ND	2.50	"		1.25						
LCS (2506214-BS1)					Prepared: 2025-03-04 Analyzed: 2025-03-05						
Aluminum	49.1	2.50	ug/L	50.0	1.25		98.2	85-115			
Arsenic	50.5	0.500	"	50.0	0.250		101	85-115			
Barium	54.6	1.00	"	50.0	0.500		109	85-115			
Cadmium	49.5	1.00	"	50.0	0.500		99.0	85-115			
Copper	50.9	1.00	"	50.0	0.500		102	85-115			
Lead	50.8	0.500	"	50.0	0.250		102	85-115			
Nickel	50.4	1.00	"	50.0	0.500		101	85-115			
Selenium	50.2	1.00	"	50.0	0.500		100	85-115		20	
Silver	50.4	0.500	"	50.0	0.250		101	85-115			
Zinc	51.9	2.50	"	50.0	1.25		104	85-115			
Antimony	48.0	2.50	"	50.0	1.25		96.0	85-115			CCBJ
Beryllium	51.1	0.500	"	50.0	0.250		102	85-115			
Thallium	48.3	0.500	"	50.0	0.250		96.5	85-115			
Chromium	50.8	2.50	"	50.0	1.25		102	85-115			
LCS Dup (2506214-BSD1)					Prepared: 2025-03-04 Analyzed: 2025-03-05						
Aluminum	49.8	2.50	ug/L	50.0	1.25		99.5	85-115	1.32	20	
Arsenic	50.4	0.500	"	50.0	0.250		101	85-115	0.335	20	
Barium	55.0	1.00	"	50.0	0.500		110	85-115	0.782	20	
Cadmium	49.7	1.00	"	50.0	0.500		99.4	85-115	0.374	20	
Copper	51.4	1.00	"	50.0	0.500		103	85-115	1.09	20	
Lead	51.1	0.500	"	50.0	0.250		102	85-115	0.641	20	
Nickel	51.3	1.00	"	50.0	0.500		103	85-115	1.75	20	
Selenium	50.6	1.00	"	50.0	0.500		101	85-115	0.669	20	
Silver	50.4	0.500	"	50.0	0.250		101	85-115	0.0136	20	
Zinc	52.0	2.50	"	50.0	1.25		104	85-115	0.216	20	

ANALYTICAL REPORT FOR SAMPLES

Total Metals by EPA 200.8 - Quality Control

North Texas Municipal Water District

Analyte	Result	AQL	Units	Spike Level	MDL	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2506214 - [200.8 Digestion] Digested down to 10mL at 95ºC											
LCS Dup (2506214-BSD1)					Prepared: 2025-03-04 Analyzed: 2025-03-05						
Antimony	50.8	2.50	ug/L	50.0	1.25		102	85-115	5.73	20	CCBJ
Beryllium	51.7	0.500	"	50.0	0.250		103	85-115	1.09	20	
Thallium	48.6	0.500	"	50.0	0.250		97.3	85-115	0.752	20	
Chromium	51.2	2.50	"	50.0	1.25		102	85-115	0.620	20	
Matrix Spike (2506214-MS1)		**Source: 2510020-03**			Prepared: 2025-03-04 Analyzed: 2025-03-05						
Aluminum	165	2.50	ug/L	50.0	1.25	126	79.6	70-130			
Arsenic	51.8	0.500	"	50.0	0.250	1.45	101	70-130			
Barium	94.2	1.00	"	50.0	0.500	46.8	94.8	70-130			
Cadmium	48.2	1.00	"	50.0	0.500	ND	96.3	70-130			
Copper	48.3	1.00	"	50.0	0.500	1.17	94.2	70-130			
Lead	47.0	0.500	"	50.0	0.250	ND	94.1	70-130			
Nickel	51.3	1.00	"	50.0	0.500	3.39	95.9	70-130			
Selenium	51.8	1.00	"	50.0	0.500	0.683	102	70-130		20	
Silver	37.5	0.500	"	50.0	0.250	ND	75.0	70-130			
Zinc	54.0	2.50	"	50.0	1.25	5.16	97.7	70-130			
Antimony	50.1	2.50	"	50.0	1.25	1.58	97.0	70-130			CCBJ
Beryllium	48.9	0.500	"	50.0	0.250	ND	97.8	70-130			
Thallium	45.7	0.500	"	50.0	0.250	ND	91.4	70-130			
Chromium	49.0	2.50	"	50.0	1.25	ND	98.1	70-130			
Matrix Spike (2506214-MS2)		**Source: 2510020-05**			Prepared: 2025-03-04 Analyzed: 2025-03-05						
Arsenic	52.4	0.500	ug/L	50.0	0.250	1.52	102	70-130			
Barium	93.4	1.00	"	50.0	0.500	47.0	92.7	70-130			
Cadmium	49.3	1.00	"	50.0	0.500	ND	98.7	70-130			
Copper	49.6	1.00	"	50.0	0.500	2.49	94.2	70-130			
Lead	46.9	0.500	"	50.0	0.250	ND	93.8	70-130			
Nickel	50.4	1.00	"	50.0	0.500	3.35	94.2	70-130			
Selenium	52.0	1.00	"	50.0	0.500	0.606	103	70-130		20	
Silver	38.1	0.500	"	50.0	0.250	ND	76.1	70-130			
Zinc	52.0	2.50	"	50.0	1.25	3.43	97.1	70-130			
Antimony	49.1	2.50	"	50.0	1.25	ND	98.2	70-130			CCBJ
Thallium	45.9	0.500	"	50.0	0.250	ND	91.9	70-130			
Chromium	47.5	2.50	"	50.0	1.25	ND	95.0	70-130			
Matrix Spike Dup (2506214-MSD1)		**Source: 2510020-03**			Prepared: 2025-03-04 Analyzed: 2025-03-05						
Aluminum	165	2.50	ug/L	50.0	1.25	126	79.8	70-130	0.0750	20	
Arsenic	51.9	0.500	"	50.0	0.250	1.45	101	70-130	0.133	20	
Barium	93.6	1.00	"	50.0	0.500	46.8	93.7	70-130	0.592	20	
Cadmium	48.2	1.00	"	50.0	0.500	ND	96.4	70-130	0.0518	20	
Copper	48.1	1.00	"	50.0	0.500	1.17	93.9	70-130	0.357	20	
Lead	46.8	0.500	"	50.0	0.250	ND	93.6	70-130	0.437	20	

ANALYTICAL REPORT FOR SAMPLES

Total Metals by EPA 200.8 - Quality Control

North Texas Municipal Water District

Analyte	Result	AQL	Units	Spike Level	MDL	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2506214 - [200.8 Digestion] Digested down to 10mL at 95ºC											
Matrix Spike Dup (2506214-MSD1)		**Source: 2510020-03**			Prepared: 2025-03-04 Analyzed: 2025-03-05						
Nickel	50.7	1.00	ug/L	50.0	0.500	3.39	94.7	70-130	1.21	20	
Selenium	52.0	1.00	"	50.0	0.500	0.683	103	70-130	0.300	20	
Silver	40.4	0.500	"	50.0	0.250	ND	80.8	70-130	7.45	20	
Zinc	53.6	2.50	"	50.0	1.25	5.16	96.9	70-130	0.706	20	
Antimony	48.8	2.50	"	50.0	1.25	1.58	94.3	70-130	2.65	20	CCBJ
Beryllium	47.3	0.500	"	50.0	0.250	ND	94.6	70-130	3.28	20	
Thallium	45.4	0.500	"	50.0	0.250	ND	90.7	70-130	0.709	20	
Chromium	48.2	2.50	"	50.0	1.25	ND	96.5	70-130	1.66	20	
Matrix Spike Dup (2506214-MSD2)		**Source: 2510020-05**			Prepared: 2025-03-04 Analyzed: 2025-03-05						
Arsenic	52.2	0.500	ug/L	50.0	0.250	1.52	101	70-130	0.455	20	
Barium	93.2	1.00	"	50.0	0.500	47.0	92.3	70-130	0.208	20	
Cadmium	49.9	1.00	"	50.0	0.500	ND	99.8	70-130	1.15	20	
Copper	50.2	1.00	"	50.0	0.500	2.49	95.5	70-130	1.34	20	
Lead	47.4	0.500	"	50.0	0.250	ND	94.9	70-130	1.14	20	
Nickel	50.9	1.00	"	50.0	0.500	3.35	95.1	70-130	0.927	20	
Selenium	52.1	1.00	"	50.0	0.500	0.606	103	70-130	0.158	20	
Silver	41.3	0.500	"	50.0	0.250	ND	82.6	70-130	8.21	20	
Zinc	52.8	2.50	"	50.0	1.25	3.43	98.7	70-130	1.48	20	
Antimony	47.7	2.50	"	50.0	1.25	ND	95.4	70-130	2.87	20	CCBJ
Thallium	46.1	0.500	"	50.0	0.250	ND	92.1	70-130	0.270	20	
Chromium	47.7	2.50	"	50.0	1.25	ND	95.4	70-130	0.364	20	

Total Mercury by EPA 245.7 - Quality Control

North Texas Municipal Water District

Analyte	Result	AQL	Units	Spike Level	MDL	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2507619 - [245.7 Digestion] 245.7 Digestion											
Blank (2507619-BLK1)					Prepared & Analyzed: 2025-03-18						
Mercury	ND	0.00500	ug/L		0.00180						
MRL Check (2507619-MRL1)					Prepared & Analyzed: 2025-03-18						
Mercury	0.00568	0.00500	ug/L	0.00500	0.00180		114	0-200			
Matrix Spike (2507619-MS1)		**Source: 2508001-04**			Prepared & Analyzed: 2025-03-18						
Mercury	0.0107	0.00500	ug/L	0.0100	0.00180	ND	107	63-111			
Matrix Spike (2507619-MS3)		**Source: 2511001-01**			Prepared & Analyzed: 2025-03-18						
Mercury	0.0197	0.00500	ug/L	0.0100	0.00180	0.0108	88.7	63-111			
Matrix Spike Dup (2507619-MSD1)		**Source: 2508001-04**			Prepared & Analyzed: 2025-03-18						
Mercury	0.0106	0.00500	ug/L	0.0100	0.00180	ND	106	63-111	0.309	18	

ANALYTICAL REPORT FOR SAMPLES

Total Mercury by EPA 245.7 - Quality Control

North Texas Municipal Water District

Analyte	Result	AQL	Units	Spike Level	MDL	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2507619 - [245.7 Digestion] 245.7 Digestion											
Matrix Spike Dup (2507619-MSD3)		**Source: 2511001-01**			Prepared & Analyzed: 2025-03-18						
Mercury	0.0197	0.00500	ug/L	0.0100	0.00180	0.0108	88.3	63-111	0.168	18	

Conventional Chemistry Parameters by EPA Methods - Quality Control

North Texas Municipal Water District

Analyte	Result	AQL	Units	Spike Level	MDL	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2505827 - [350.1 NH3 w/o Distillation] 350.1 NH3 without Distillation											
Blank (2505827-BLK1)					Prepared & Analyzed: 2025-02-28						
Ammonia as N	ND	100	ug/L		50.0						
LCS (2505827-BS1)					Prepared & Analyzed: 2025-02-28						
Ammonia as N	1940	100	ug/L	2000	50.0		97.0	90-110			
LCS Dup (2505827-BSD1)					Prepared & Analyzed: 2025-02-28						
Ammonia as N	1950	100	ug/L	2000	50.0		97.4	90-110	0.360	10	
Matrix Spike (2505827-MS1)		**Source: 2509175-01**			Prepared & Analyzed: 2025-02-28						
Ammonia as N	70700	2000	ug/L	40000	1000	32400	95.8	90-110			
Matrix Spike (2505827-MS2)		**Source: 2509206-01**			Prepared & Analyzed: 2025-02-28						
Ammonia as N	62900	2000	ug/L	40000	1000	27200	89.4	90-110			QMF
Matrix Spike Dup (2505827-MSD1)		**Source: 2509175-01**			Prepared & Analyzed: 2025-02-28						
Ammonia as N	71300	2000	ug/L	40000	1000	32400	97.4	90-110	0.845	10	
Matrix Spike Dup (2505827-MSD2)		**Source: 2509206-01**			Prepared & Analyzed: 2025-02-28						
Ammonia as N	62400	2000	ug/L	40000	1000	27200	88.1	90-110	0.830	10	QMF
Batch 2506212 - [365.1 PO4 Digestion] 365.3 PO4 Digestion											
Blank (2506212-BLK1)					Prepared: 2025-03-03 Analyzed: 2025-03-04						
Total Phosphate as P	ND	20.0	ug/L		10.0						
LCS (2506212-BS1)					Prepared: 2025-03-03 Analyzed: 2025-03-04						
Total Phosphate as P	98.0	20.0	ug/L	100	10.0		98.0	90-110			
LCS Dup (2506212-BSD1)					Prepared: 2025-03-03 Analyzed: 2025-03-04						
Total Phosphate as P	99.0	20.0	ug/L	100	10.0		99.0	90-110	1.02	10	
Matrix Spike (2506212-MS1)		**Source: 2509002-04**			Prepared: 2025-03-03 Analyzed: 2025-03-04						
Total Phosphate as P	406	20.0	ug/L	100	10.0	300	106	90-110			
Matrix Spike (2506212-MS2)		**Source: 2509207-18**			Prepared: 2025-03-03 Analyzed: 2025-03-04						
Total Phosphate as P	7900	500	ug/L	2500	250	5550	94.0	90-110			QMFa

ANALYTICAL REPORT FOR SAMPLES

Conventional Chemistry Parameters by EPA Methods - Quality Control

North Texas Municipal Water District

Analyte	Result	AQL	Units	Spike Level	MDL	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2506212 - [365.1 PO4 Digestion] 365.3 PO4 Digestion											
Matrix Spike Dup (2506212-MSD1)		**Source: 2509002-04**			Prepared: 2025-03-03 Analyzed: 2025-03-04						
Total Phosphate as P	406	20.0	ug/L	100	10.0	300	106	90-110	0.00	10	
Matrix Spike Dup (2506212-MSD2)		**Source: 2509207-18**			Prepared: 2025-03-03 Analyzed: 2025-03-04						
Total Phosphate as P	7780	500	ug/L	2500	250	5550	89.0	90-110	1.59	10	QMFa
Reference (2506212-SRM1)					Prepared: 2025-03-03 Analyzed: 2025-03-04						
Total Phosphate as P	1920	500	ug/L	1820	250		106	80-119			
Batch 2506305 - [351.2 TKN Digestion] 351.2 TKN Digestion											
Blank (2506305-BLK1)					Prepared & Analyzed: 2025-03-04						
Total Kjeldal Nitrogen	ND	200	ug/L		100						
LCS (2506305-BS1)					Prepared & Analyzed: 2025-03-04						
Total Kjeldal Nitrogen	1910	200	ug/L	2000	100		95.6	90-110			
LCS Dup (2506305-BSD1)					Prepared & Analyzed: 2025-03-04						
Total Kjeldal Nitrogen	1960	200	ug/L	2000	100		98.2	90-110	2.58	10	
LOQ Check Standard (2506305-MRL1)					Prepared & Analyzed: 2025-03-04						
Total Kjeldal Nitrogen	156	200	ug/L	200	100		78.0	70-130			J
Matrix Spike (2506305-MS1)		**Source: 2507002-11**			Prepared & Analyzed: 2025-03-04						
Total Kjeldal Nitrogen	1980	200	ug/L	2000	100	ND	98.9	90-110			
Matrix Spike Dup (2506305-MSD1)		**Source: 2507002-11**			Prepared & Analyzed: 2025-03-04						
Total Kjeldal Nitrogen	1970	200	ug/L	2000	100	ND	98.5	90-110	0.405	10	
Reference (2506305-SRM1)					Prepared & Analyzed: 2025-03-04						
Total Kjeldal Nitrogen	1600	200	ug/L	1610	100		99.2	73-122			

Conventional Chemistry Parameters by Standard Methods - Quality Control

North Texas Municipal Water District

Analyte	Result	AQL	Units	Spike Level	MDL	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2505905 - [GenChem Demand]											
Blank (2505905-BLK1)					Prepared: 2025-02-28 Analyzed: 2025-03-05						
Carbonaceous Biochemical Oxygen Demand	ND	2000	ug/L		100						
LCS (2505905-BS1)					Prepared: 2025-02-28 Analyzed: 2025-03-05						
Carbonaceous Biochemical Oxygen Demand	186000	100000	ug/L	198000	5000		94.0	84-115			
Duplicate (2505905-DUP1)		**Source: 2509209-02**			Prepared: 2025-02-28 Analyzed: 2025-03-05						

ANALYTICAL REPORT FOR SAMPLES

Conventional Chemistry Parameters by Standard Methods - Quality Control

North Texas Municipal Water District

Analyte	Result	AQL	Units	Spike Level	MDL	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2505905 - [GenChem Demand]											
Duplicate (2505905-DUP1)		**Source: 2509209-02**			Prepared: 2025-02-28 Analyzed: 2025-03-05						
Carbonaceous Biochemical Oxygen Demand	1110	2200	ug/L		100	1210			8.65	15	
Batch 2505910 - [Water Quality Preparation] Water Quality Preparation											
Blank (2505910-BLK1)					Prepared & Analyzed: 2025-02-28						
Total Alkalinity	ND	20000	ug/L		10000						
LCS (2505910-BS1)					Prepared & Analyzed: 2025-02-28						
Total Alkalinity	51500	20000	ug/L	50000	10000		103	90-110			
LCS Dup (2505910-BSD1)					Prepared & Analyzed: 2025-02-28						
Total Alkalinity	51300	20000	ug/L	50000	10000		103	90-110	0.292	10	
Duplicate (2505910-DUP1)		**Source: 2509002-04**			Prepared & Analyzed: 2025-02-28						
Total Alkalinity	81200	20000	ug/L		10000	81000			0.136	10	
Batch 2505913 - [Solids Preparation]											
Blank (2505913-BLK1)					Prepared & Analyzed: 2025-03-03						
Total Suspended Solids	ND	500	ug/L		500						
Blank (2505913-BLK2)					Prepared & Analyzed: 2025-03-03						
Total Suspended Solids	ND	500	ug/L		500						
Blank (2505913-BLK3)					Prepared & Analyzed: 2025-03-03						
Total Suspended Solids	ND	500	ug/L		500						
LCS (2505913-BS1)					Prepared & Analyzed: 2025-03-03						
Total Suspended Solids	40000	5000	ug/L	40000	5000		100	80-120			
LCS (2505913-BS2)					Prepared & Analyzed: 2025-03-03						
Total Suspended Solids	40000	5000	ug/L	40000	5000		100	80-120			
LCS (2505913-BS3)					Prepared & Analyzed: 2025-03-03						
Total Suspended Solids	40000	5000	ug/L	40000	5000		100	80-120			
Duplicate (2505913-DUP1)		**Source: 2509206-12**			Prepared & Analyzed: 2025-03-03						
Total Suspended Solids	6820000	100000	ug/L		100000	6920000			1.46	10	
Duplicate (2505913-DUP2)		**Source: 2509146-07**			Prepared & Analyzed: 2025-03-03						
Total Suspended Solids	16600000	167000	ug/L		167000	14500000			13.7	10	
Duplicate (2505913-DUP3)		**Source: 2509146-08**			Prepared & Analyzed: 2025-03-03						
Total Suspended Solids	13600000	167000	ug/L		167000	12700000			6.86	10	
LOQ Check Standard (2505913-MRL1)					Prepared & Analyzed: 2025-03-03						
Total Suspended Solids	2500	500	ug/L	2500	500		100	70-130			

ANALYTICAL REPORT FOR SAMPLES

Conventional Chemistry Parameters by Standard Methods - Quality Control

North Texas Municipal Water District

Analyte	Result	AQL	Units	Spike Level	MDL	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2505914 - [Solids Preparation]											
Blank (2505914-BLK1)					Prepared: 2025-03-06 Analyzed: 2025-03-07						
Total Dissolved Solids	ND	10000	ug/L		5000						
Blank (2505914-BLK2)					Prepared: 2025-03-06 Analyzed: 2025-03-07						
Total Dissolved Solids	ND	10000	ug/L		5000						
Blank (2505914-BLK3)					Prepared: 2025-03-06 Analyzed: 2025-03-07						
Total Dissolved Solids	ND	10000	ug/L		5000						
LCS (2505914-BS1)					Prepared: 2025-03-06 Analyzed: 2025-03-07						
Total Dissolved Solids	235000	10000	ug/L	240000	5000		97.9	80-120			
LCS (2505914-BS2)					Prepared: 2025-03-06 Analyzed: 2025-03-07						
Total Dissolved Solids	240000	10000	ug/L	240000	5000		100	80-120			
LCS (2505914-BS3)					Prepared: 2025-03-06 Analyzed: 2025-03-07						
Total Dissolved Solids	241000	10000	ug/L	240000	5000		100	80-120			
Duplicate (2505914-DUP1)		**Source: 2509002-04**			Prepared: 2025-03-06 Analyzed: 2025-03-07						
Total Dissolved Solids	670000	10000	ug/L		5000	674000			0.595	10	
Duplicate (2505914-DUP2)		**Source: 2509164-19**			Prepared: 2025-03-06 Analyzed: 2025-03-07						
Total Dissolved Solids	310000	10000	ug/L		5000	319000			2.86	10	
Duplicate (2505914-DUP3)		**Source: 2510062-02**			Prepared: 2025-03-06 Analyzed: 2025-03-07						
Total Dissolved Solids	579000	10000	ug/L		5000	575000			0.693	10	
LOQ Check Standard (2505914-MRL1)					Prepared: 2025-03-06 Analyzed: 2025-03-07						
Total Dissolved Solids	9000	10000	ug/L	9600	5000		93.8	70-130			

Coliform by Quantitray - Quality Control

North Texas Municipal Water District

Analyte	Result	AQL	Units	Spike Level	MDL	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2505828 - [IDEXX Colilert Quantitray] IDEXX Colilert Quantitray											
Blank (2505828-BLK1)					Prepared: 2025-02-27 Analyzed: 2025-02-28						
Escherichia Coliform	ND	1.0	MPN/100mL		1.0						
Duplicate (2505828-DUP1)		**Source: 2509002-06**			Prepared: 2025-02-27 Analyzed: 2025-02-28						
Escherichia Coliform	3.0	1.0	MPN/100mL		1.0	6.3			71.0	200	

Anions by EPA 300 Series - Quality Control

North Texas Municipal Water District

Stewart Creek West WWTP	Project: **30TAC307 Monitoring**	
5100 4th Army Memorial	Project Number: 30TAC307+Table III+ Permit Renewal	**Reported:**
Frisco, TEXAS 75034	Project Manager: Kristen Suprobo	2025-05-30 11:29

ANALYTICAL REPORT FOR SAMPLES

Analyte	Result	AQL	Units	Spike Level	MDL	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2505801 - [300.0 Anions] 300.0 Anions											
Blank (2505801-BLK1)					Prepared & Analyzed: 2025-02-27						
Sulfate	ND	1000	ug/L		500						
Chloride	ND	1000	"		500						
LCS (2505801-BS1)					Prepared & Analyzed: 2025-02-27						
Sulfate	30600	1000	ug/L	30000	500		102	90-110			
Chloride	30400	1000	"	30000	500		101	90-110			
LCS Dup (2505801-BSD1)					Prepared & Analyzed: 2025-02-27						
Chloride	30500	1000	ug/L	30000	500		102	90-110	0.456	10	
Sulfate	30900	1000	"	30000	500		103	90-110	1.05	10	
LOQ Check Standard (2505801-MRL1)					Prepared & Analyzed: 2025-02-27						
Chloride	1020	1000	ug/L	1000	500		102	70-130			
Sulfate	1020	1000	"	1000	500		102	70-130			
Matrix Spike (2505801-MS1)		**Source: 2509164-10**			Prepared & Analyzed: 2025-02-27						
Chloride	190000	5000	ug/L	150000	2500	34800	103	80-120			
Sulfate	256000	5000	"	150000	2500	97900	105	80-120			
Matrix Spike (2505801-MS2)		**Source: 2509164-20**			Prepared & Analyzed: 2025-02-27						
Chloride	191000	5000	ug/L	150000	2500	36300	103	80-120			
Sulfate	252000	5000	"	150000	2500	95500	105	80-120			
Matrix Spike Dup (2505801-MSD1)		**Source: 2509164-10**			Prepared & Analyzed: 2025-02-27						
Sulfate	255000	5000	ug/L	150000	2500	97900	105	80-120	0.311	10	
Chloride	188000	5000	"	150000	2500	34800	102	80-120	0.701	10	
Matrix Spike Dup (2505801-MSD2)		**Source: 2509164-20**			Prepared & Analyzed: 2025-02-27						
Sulfate	253000	5000	ug/L	150000	2500	95500	105	80-120	0.109	10	
Chloride	191000	5000	"	150000	2500	36300	103	80-120	0.102	10	
Batch 2505813 - [300.0 Anions] 300.0 Anions											
Blank (2505813-BLK1)					Prepared & Analyzed: 2025-02-27						
Nitrate as N	ND	20	ug/L		10						
Fluoride	ND	20	"		10						
LCS (2505813-BS1)					Prepared & Analyzed: 2025-02-27						
Nitrate as N	1000	20	ug/L	1000	10		100	90-110			
Fluoride	997	20	"	1000	10		99.7	90-110			
LCS Dup (2505813-BSD1)					Prepared & Analyzed: 2025-02-27						
Nitrate as N	1000	20	ug/L	1000	10		100	90-110	0.200	10	
Fluoride	995	20	"	1000	10		99.5	90-110	0.201	10	
MRL Check (2505813-MRL1)					Prepared & Analyzed: 2025-02-27						
Nitrate as N	23	20	ug/L	20.0	10		115	70-130			
Fluoride	24	20	"	20.0	10		120	70-130			
Matrix Spike (2505813-MS1)		**Source: 2509183-07**			Prepared & Analyzed: 2025-02-27						

ANALYTICAL REPORT FOR SAMPLES

Anions by EPA 300 Series - Quality Control

North Texas Municipal Water District

Analyte	Result	AQL	Units	Spike Level	MDL	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2505813 - [300.0 Anions] 300.0 Anions											
Matrix Spike (2505813-MS1)		**Source: 2509183-07**			Prepared & Analyzed: 2025-02-27						
Nitrate as N	1960	20	ug/L	1000	10	908	106	80-120			
Fluoride	1340	20	"	1000	10	328	101	80-120			
Matrix Spike Dup (2505813-MSD1)		**Source: 2509183-07**			Prepared & Analyzed: 2025-02-27						
Nitrate as N	1960	20	ug/L	1000	10	908	106	80-120	0.0509	10	
Fluoride	1350	20	"	1000	10	328	102	80-120	0.669	10	

ANALYTICAL REPORT FOR SAMPLES

General Notes and Definitions

DET	Analyte DETECTED
dry	Sample results reported on a dry weight basis
MDL	Method Detection Limit
MRL	Method Reporting Limit
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
SRL	Sample Reporting Limit
Note:	"Conductance at 25°C" is also known as Specific Conductance

Report Notes and Definitions

*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
*3	ISTD response or retention time outside acceptable limits.
AccFD	Field Data, not performed by laboratory, presented per client request.
CCBJ	CCB is >1/2 IMRL and <IMRL
HT	The analyte was reported with values analyzed out of holding time.
J	Estimated value. The analyte was positively identified but the quantitation is estimation. This estimated report value is between the MDL and MRL (PQL).
Ja	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
QMF	Reportable Data is valid. MS % recovery, MSD % recovery, and/or RPD failed MS2/MSD2 Low Recoveries; however, all LCS/LCSD criteria passed.
QMFa	Reportable Data is valid. MS % recovery, MSD % recovery, and/or RPD failed MSD2 Low Recovery; however, all LCS/LCSD criteria passed.
S1+	Surrogate recovery exceeds control limits, high biased.
SUB	QA/QC for subcontracted analysis appears on hardcopy of subcontract laboratory report.

20250300004120

Stewart Creek WWTP
5100 4th Army Memorial
Frisco, TX 75034
Contact: KRISTEN SUPROBO

NTMWD Chain of Custody Record

Work Order Number: 2509002
Project: 30TAC307+Table III+Permit Renewal
Reviewed By: IRS

Effluent Residual Chlorine ____ mg/L

	INFLUENT COLLECTION TEAM	EFFLUENT COLLECTION TEAM
Comp. Sx. Beg/End Date/Time	2/26/25/2127/25 09:25	2/26/25/2127/25 09:05
Sample Collector Name(s):	Eric Rohm / Esteban Davis	Eric Rohm / Esteban Davis

Date	Time	Type	Sx. Num	Sample Name	Alk;CBOD;Cl2;SO4;TSS;TDS;	NH3;TPO4;TKN;	Hg	F;NO3 by EPA 300.0	TM S6;Al;As;Ba;Be;Cr;Cd;Cu; Pb;Ni;Se;Ag;Tl;Zn	E.coli;	Cr;Cr(VI);Cr(III)	CN;CN-A	Phenols by 420.1	MTBE/Epichlorohydrin/VOCs by EPA 624.1	Oil & Grease	Ethylene Glycol by 8015	Pest/PCB by EPA 608.3	Pest by EPA 632	Herb by EPA 615	Dioxins by 625.1;	Dioxins by 613/1613	BPA and BNA by EPA 625.1	Pest by 1657	4 L HDPE Unpres	500 mL HDPE H2SO4	500 mL Glass	250 mL HDPE HNO3	100mL Bacti	500 mL HDPE Unpres	1 L HDPE NaOH	250 mL Amber H2SO4	40 mL VOA	1 L Clear H2SO4	1 L Amber Glass
	see above	96-p,24 hr	01	Influent TC			X	X	X							X	X	X	X	X	X	X	X	1	1		1			(3)		(14)
2/25/25	2:15 PM	Grab	02	Influent Equipment Blank			X																	1								
2/27/25	9:40 AM	Grab	03	Influent G							X	X	X	X													(1)	(1)	(1)	(3)		
	see above	96-p,24 hr	04	Effluent TC	X	X	X	X	X							X	X	X	X	X	X	X	X	1	1	1	1		1			(3)		(14)
2/25/25	2:18 PM	Grab	05	Effluent Equipment Blank			X																	1								
2/27/25	8:45 AM	Grab	06	Effluent G						X	X	X	X	X	X												2	(1)	(1)	(1)	(3)	(1)	
2/25/25	2:20 PM	Grab	07	Trip Blank			X																	1								

See Subcontract COC

Field Data

Sx. Nu	Sample Name	Chlorine Residual	Conductivity uS/cm	DO mg/L	pH SU	Temperature °C
6	Effluent G	0.00	869	8.96	7.41	18.0

Temperature IR# 29

Cooler Info

C	TempC		Ctr	On Ice
#	Obs.	Cor.	ID	Y/N
1	12.3	13.3	1D	Y
2	13.1	13.6	1N	Y
3	9.6	10.1	4F	Y
4	5.9	6.9	4A	Y
5	19.1	19.6	2A	Y
6				

Preservation

Chk/Adj. By P.C.
pH Strips:N L04580

Items Adjusted

to pH < 2
Reagent:N____

ID	pH$_1$	ID	pH$_1$

to pH > 10
Reagent:N____

ID	pH$_1$	ID	pH$_1$

Relinquished by:	Date	Time	Received by:	Relinquished by:	Date	Time	Received by:	Relinquished by:	Date	Time	Received by:
	2/27/25	11:32									

Relinquished by:	Date	Time	Received for Laboratory by:	Date	Time	Remarks: IN-HOUSE PARAMETERS
			TSpecht NTMWD	2/27/25	1132	#2505822 P.C.

Legend:FC=Flow Composite, Obs.=Observed, Cor.=Corrected

C:36-293R:3E:07/05/16

Eurofins Eaton Analytical South Bend
110 S. Hill Street
Southbend, IN 46617
Phone: 574-233-4777 Fax: 574-233-8207

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Eric Rosen / Esteban Davis	Lab PM: Sylvia Garza	Carrier Tracking No(s):	COC No: 2509002 LRS
Client Contact: Kelly Harden	Phone: 469-626-4610	E-Mail: syliva.garza@eurofinset.com	State of Origin:	Page: Page 2 of 3 LRS 2/27/25
Company: North Texas Municipal Water District	PWSID:			Job #:
Address: 201 E. Brown St.	Due Date Requested:			
City: Wylie				
State, Zip: Texas 75098	Compliance Project: Δ Yes Δ No			
Phone: 469-626-4610	PO #:			
Email: kharden@ntmwd.com	WO #:			
Project Name: SCX 30TAC307 + Table III + Permit Renewal	Project #:			
Site:	SSOW#:			

Analysis Requested

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

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	BPA and BNA by EPA 625.1	Pest/PCB by EPA 608.3	Herb by EPA 615	Dioxins by 613/1613	Pest by EPA 1657	Cr, Cr (III), Cr (VI)	Cn, Cn-A	Phenols by 420.1	MTBE/Epichlorohydrin/VOC by EPA 624.1	Pest by EPA 632	Dioxins by 625.1	Oil & Grease	Ethylene Glycol by 8015	Total Number of containers	Special Instructions/Note:
			Preservation Code:																		
2509002-01 Influent TC	2/26/25 2/27/25	9:25	C	W	N		2I	2I	2I	2I	2I					2I	2I		3I	17	
2509002-03 Influent G	2/27/25	9:40	G	W	N							1I	1B	1S	3I					6	
2509002-04 Effluent TC	2/26/25 2/27/25	9:05 9:05	C	W	N		2I	2I	2I	2I	2I					2I	2I		3I	17	
2509002-06 Effluent G	2/27/25	8:45	G	W	N							1I	1B	1S	3I			1S		7	

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	2/27/25 11:32	NTMWD	T Speck	2/27/25 1132	Eurofins NTMWD
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

Eurofins Eaton Analytical South Bend
110 S. Hill Street
Southbend, IN 46617
Phone: 574-233-4777 Fax: 574-233-8207

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Eric Rohan/Esteban Davis	Lab PM: Sylvia Garza	Carrier Tracking No(s):	COC No: 2509002
Client Contact: Kelly Harden	Phone: 469-626-4610	E-Mail: syliva.garza@eurofinset.com	State of Origin:	Page: Page 3 of 3
Company: North Texas Municipal Water District	PWSID:			Job #:
Address: 201 E. Brown St.	Due Date Requested:			
City: Wylie				
State, Zip: Texas 75098	Compliance Project: Δ Yes Δ No			
Phone: 469-626-4610	PO #:			
Email: kharden@ntmwd.com	WO #:			
Project Name: SCX 30TAC307 + Table III + Permit Renewal	Project #:			
Site:	SSOW#:			

Analysis Requested

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

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	BPA and BNA by EPA 625.1	Pest/PCB by EPA 608.3	Herb by EPA 615	Dioxins by 613/1613	Pest by EPA 1657	Cr, Cr (III), Cr (VI)	Cn, Cn-A	Phenols by 420.1	MTBE/Epichlorohydrin/VOC by EPA 624.1	Pest by EPA 632	Dioxins by 625.1	Oil & Grease	Ethylene Glycol by 8015	Total Number of containers	Special Instructions/Note:
			Preservation Code																		
2509002-01 Influent TC	2/26/25-2/27/25	0925	C	W	N		2I	2I	1I	2I	1I					2I	2I		3I	15	
2509002-03 Influent G	2/27/25	0940	G	W	N							1I	1B	1S	3I					6	
2509002-04 Effluent TC	2/26/25-2/27/25	0905	C	W	N		2I	2I	2I	2I	1I					2I	2I		3I	16	
2509002-06 Effluent G	2/27/25	0845	G	W	N							1I	1B	1S	3I					6	

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company NTMWD	Received by:	Date/Time:	Company Eurofins
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

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ANALYTICAL REPORT

PREPARED FOR

Attn: Kelly Harden
North Texas Municipal Water District
PO BOX 2408
Wylie, Texas 75098

Generated 4/30/2025 11:57:35 AM Revision 2

JOB DESCRIPTION

SCX 30TAC307 + Table 3

JOB NUMBER

870-34261-1

Eurofins Dallas
9701 Harry Hines Blvd
Dallas TX 75220

See page two for job notes and contact information.

Eurofins Dallas

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
4/30/2025 11:57:35 AM
Revision 2

Authorized for release by
Sylvia Garza, Project Manager
Sylvia.Garza@et.eurofinsus.com
(832)544-2004

Table of Contents

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

GC/MS Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA TICs

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

GC Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Dioxin

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
870-34261-1

REVISION

The report being provided is a revision of the original report sent on 3/25/2025. The report (revision 2) is being revised due to update PCB RLs 0.1ppb.

Report revision history
Revision 1 - 4/24/2025 - Reason - update RL for 608 list per client request.

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 2/27/2025 4:28 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice.

Subcontract Work
Method Ana Lab - 1657 Ogano PEST: This method was subcontracted to Ana-Lab Corporation. The subcontract laboratory certification is different from that of the facility issuing the final report. The subcontract report is appended in its entirety.

GC/MS VOA
Method 624.1: The following sample was diluted due to floating particles and cloudy appearance: 2509002-03 Influent G (870-34261-2). Elevated reporting limits (RL) are provided.

Method 624.1: The continuing calibration verification (CCV) associated with batch 860-219795 recovered above the upper control limit for Chloroethane (20.8%). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 860-219795/2).

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: During the extraction process, heavy emulsion occurred. Sample was filtered through sodium sulfate to remove emulsion.

Method 625.1: The surrogate recovery for the blank, laboratory control sample, and laboratory control sample duplicate associated with preparation batch 860-219948 and analytical batch 860-219508 was outside the upper control limits.

Method 625.1: The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 860-219948 and analytical batch 860-219508 recovered outside control limits for multiple analytes. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 625.1: The laboratory control sample and the laboratory control sample duplicate (LCS/LCSD) for preparation batch 860-219948 and analytical batch 860-219508 recovered outside control limits for the following analyte: Benzidine. Benzidine has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method 625.1: The laboratory control sample and laboratory control sample duplicate (LCS/LCSD) for preparation batch 860-219948 and analytical batch 860-219508 recovered outside control limits for the following analyte: Bisphenol-A. The

Job ID: 870-34261-1 (Continued)

associated sample was re-prepared and re-analyzed. Both sets of data have been reported.

Method 625.1: The surrogate recovery for the method blank and laboratory control sample duplicate associated with preparation batch 860-220661 and analytical batch 860-220575 was outside the upper control limits.

Method 625.1: The laboratory control sample and laboratory control sample duplicate (LCS/LCSD) for preparation batch 860-220661 and analytical batch 860-220575 recovered outside control limits for multiple analytes. The associated sample was re-prepared and re-analyzed. Both sets of data have reported.

Method 625.1: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 860-220661 and analytical batch 860-220575 recovered outside control limits for the following analytes: 2-Chloronaphthalene, 3,3'-Dichlorobenzidine and Bisphenol-A.

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

GC Semi VOA

Method 615_MOD: The continuing calibration verification (CCV) associated with batch 860-220466 recovered above the upper control limit for Dalapon and Dinoseb. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 860-220466/3).

Method 615_MOD: The laboratory control sample and the laboratory control sample duplicate (LCS/LCSD) for preparation batch 860-220040 and analytical batch 860-220466 recovered outside control limits for the following analyte(s): Dinoseb. Dinoseb has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. Batch precision also exceeded control limits for these analyte(s). These results have been reported and qualified.

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 surrogate recovery for the blank associated with preparation batch 860-220428 and analytical batch 860-220823 was outside the upper control limits.

(MB 860-220428/1-A)

Method 608.3_PCB: The continuing calibration verification (CCV) associated with batch 860-220823 recovered above the upper control limit for PCB-1221. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 860-220823/6).

Method 608.3_PCB: The continuing calibration verification (CCV) associated with batch 860-220823 recovered above the upper control limit for DCB Decachlorobiphenyl (Surr). The associated sample is impacted: (CCV 860-220823/36).

Method 608.3_PCB: The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 860-220428 and analytical batch 860-220823 recovered outside control limits for the following analytes: PCB-1016. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 608.3_PCB: Surrogate recovery for the following sample was outside control limits: 2509002-04 Effluent TC (870-34261-3). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 608.3_PCB: The following sample was diluted due to the nature of the sample matrix: 2509002-04 Effluent TC (870-34261-3). Elevated reporting limits (RLs) are provided.

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

Pesticides

Method 608.3_Pest: Surrogate recovery for the following sample was outside the upper control limit: 2509002-04 Effluent TC (870-34261-3). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 608.3_Pest: The following sample was diluted due to the nature of the sample matrix: 2509002-04 Effluent TC (870-34261-3). Elevated reporting limits (RLs) are provided.

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

Job ID: 870-34261-1 (Continued)

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

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

Metals
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: North Texas Municipal Water District
Project/Site: SCX 30TAC307 + Table 3

Job ID: 870-34261-1

Client Sample ID: 2509002-01 Influent TC — Lab Sample ID: 870-34261-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
3 & 4 Methylphenol	7.82	J	10.0	2.62	ug/L	1		625.1	Total/NA
Phenol	3.05	J	4.50	0.423	ug/L	1		625.1	Total/NA
Total Cresols	7.82	J	10.0	2.62	ug/L	1		625.1	Total/NA

Client Sample ID: 2509002-03 Influent G — Lab Sample ID: 870-34261-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.305		0.200	0.00613	mg/L	2		624.1	Total/NA
Chloroform	0.00133	J	0.00200	0.000928	mg/L	2		624.1	Total/NA
1,2-Dichloropropane	0.00333	J	0.0100	0.00111	mg/L	2		624.1	Total/NA
Toluene	0.00166	J	0.00200	0.000950	mg/L	2		624.1	Total/NA
Trihalomethanes, Total	0.00133	J	0.0100	0.00127	mg/L	2		624.1	Total/NA
Cr	0.00267	J	0.00300	0.000890	mg/L	1		200.8	Total Recoverable
Phenols, Total	44.3		10.0	5.80	ug/L	1		420.4	Total/NA
Cyanide, Non-amenable	33.5		5.00	2.33	ug/L	1		4500 CN G NonAm	Total/NA
Cyanide, Total	0.00574		0.00500	0.00198	mg/L	1		Kelada 01	Total/NA
Chromium, hexavalent	0.0157		0.0100	0.00280	mg/L	1		SM 3500 CR B	Total/NA

Client Sample ID: 2509002-04 Effluent TC — Lab Sample ID: 870-34261-3

No Detections.

Client Sample ID: 2509002-06 Effluent G — Lab Sample ID: 870-34261-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium, hexavalent	0.00359	J	0.0100	0.00280	mg/L	1		SM 3500 CR B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: North Texas Municipal Water District
Project/Site: SCX 30TAC307 + Table 3

Job ID: 870-34261-1

Client Sample ID: 2509002-01 Influent TC
Date Collected: 02/27/25 09:25
Date Received: 02/27/25 16:28

Lab Sample ID: 870-34261-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<1.39	U	5.70	1.39	ug/L		03/03/25 13:49	03/04/25 18:08	1
Acenaphthylene	<1.41	U *+	10.0	1.41	ug/L		03/03/25 13:49	03/04/25 18:08	1
Anthracene	<1.50	U *+	5.70	1.50	ug/L		03/03/25 13:49	03/04/25 18:08	1
Azobenzene	<1.50	U *+	10.0	1.50	ug/L		03/03/25 13:49	03/04/25 18:08	1
Benzidine	<20.0	U *-	20.0	20.0	ug/L		03/03/25 13:49	03/04/25 18:08	1
Benzo[a]anthracene	<0.173	U *+	5.00	0.173	ug/L		03/03/25 13:49	03/04/25 18:08	1
Benzo[a]pyrene	<0.364	U *+	5.00	0.364	ug/L		03/03/25 13:49	03/04/25 18:08	1
Benzo[b]fluoranthene	<2.04	U *+	10.0	2.04	ug/L		03/03/25 13:49	03/04/25 18:08	1
Benzo[g,h,i]perylene	<2.68	U	10.0	2.68	ug/L		03/03/25 13:49	03/04/25 18:08	1
Benzo[k]fluoranthene	<5.00	U *+	5.00	5.00	ug/L		03/03/25 13:49	03/04/25 18:08	1
Bis(2-chloroethoxy)methane	<1.76	U	10.0	1.76	ug/L		03/03/25 13:49	03/04/25 18:08	1
Bis(2-chloroethyl)ether	<2.16	U	10.0	2.16	ug/L		03/03/25 13:49	03/04/25 18:08	1
Bis(2-ethylhexyl) phthalate	<0.277	U	5.00	0.277	ug/L		03/03/25 13:49	03/04/25 18:08	1
4-Bromophenyl phenyl ether	<0.256	U *+	5.00	0.256	ug/L		03/03/25 13:49	03/04/25 18:08	1
Butyl benzyl phthalate	<0.337	U	5.00	0.337	ug/L		03/03/25 13:49	03/04/25 18:08	1
4-Chloro-3-methylphenol	<1.57	U	5.00	1.57	ug/L		03/03/25 13:49	03/04/25 18:08	1
2-Chloronaphthalene	<0.462	U *+	5.00	0.462	ug/L		03/03/25 13:49	03/04/25 18:08	1
2-Chlorophenol	<0.649	U	5.00	0.649	ug/L		03/03/25 13:49	03/04/25 18:08	1
4-Chlorophenyl phenyl ether	<1.28	U	10.0	1.28	ug/L		03/03/25 13:49	03/04/25 18:08	1
Chrysene	<0.222	U *+	5.00	0.222	ug/L		03/03/25 13:49	03/04/25 18:08	1
Dibenz(a,h)anthracene	<0.246	U	5.00	0.246	ug/L		03/03/25 13:49	03/04/25 18:08	1
3,3'-Dichlorobenzidine	<0.341	U	5.00	0.341	ug/L		03/03/25 13:49	03/04/25 18:08	1
2,4-Dichlorophenol	<0.314	U *+	5.00	0.314	ug/L		03/03/25 13:49	03/04/25 18:08	1
Diethyl phthalate	<1.59	U	5.00	1.59	ug/L		03/03/25 13:49	03/04/25 18:08	1
2,4-Dimethylphenol	<0.649	U	5.00	0.649	ug/L		03/03/25 13:49	03/04/25 18:08	1
Dimethyl phthalate	<2.50	U	2.50	2.50	ug/L		03/03/25 13:49	03/04/25 18:08	1
Di-n-butyl phthalate	<0.252	U	5.00	0.252	ug/L		03/03/25 13:49	03/04/25 18:08	1
4,6-Dinitro-2-methylphenol	<1.44	U	10.0	1.44	ug/L		03/03/25 13:49	03/04/25 18:08	1
2,4-Dinitrophenol	<1.61	U	10.0	1.61	ug/L		03/03/25 13:49	03/04/25 18:08	1
2,4-Dinitrotoluene	<1.31	U	10.0	1.31	ug/L		03/03/25 13:49	03/04/25 18:08	1
2,6-Dinitrotoluene	<1.61	U	5.00	1.61	ug/L		03/03/25 13:49	03/04/25 18:08	1
Di-n-octyl phthalate	<0.373	U	5.00	0.373	ug/L		03/03/25 13:49	03/04/25 18:08	1
1,2-Diphenylhydrazine	<1.49	U *+	10.0	1.49	ug/L		03/03/25 13:49	03/04/25 18:08	1
Fluoranthene	<1.59	U *+	5.00	1.59	ug/L		03/03/25 13:49	03/04/25 18:08	1
Fluorene	<1630	U *+	5000	1630	ppt		03/03/25 13:49	03/04/25 18:08	1
Hexachlorobenzene	<0.307	U	5.00	0.307	ug/L		03/03/25 13:49	03/04/25 18:08	1
Hexachlorobutadiene	<1.00	U *+	1.00	1.00	ug/L		03/03/25 13:49	03/04/25 18:08	1
Hexachlorocyclopentadiene	<10.0	U *+	10.0	10.0	ug/L		03/03/25 13:49	03/04/25 18:08	1
Hexachloroethane	<0.526	U *+	4.80	0.526	ug/L		03/03/25 13:49	03/04/25 18:08	1
Indeno[1,2,3-cd]pyrene	<2.29	U *+	5.00	2.29	ug/L		03/03/25 13:49	03/04/25 18:08	1
Isophorone	<1.64	U	5.00	1.64	ug/L		03/03/25 13:49	03/04/25 18:08	1
2-Methylphenol	<1.62	U	10.0	1.62	ug/L		03/03/25 13:49	03/04/25 18:08	1
3 & 4 Methylphenol	**7.82**	**J**	10.0	2.62	ug/L		03/03/25 13:49	03/04/25 18:08	1
Naphthalene	<2.50	U *+	2.50	2.50	ug/L		03/03/25 13:49	03/04/25 18:08	1
Nitrobenzene	<1.66	U	5.00	1.66	ug/L		03/03/25 13:49	03/04/25 18:08	1
2-Nitrophenol	<1.67	U	10.0	1.67	ug/L		03/03/25 13:49	03/04/25 18:08	1
4-Nitrophenol	<2.36	U	7.20	2.36	ug/L		03/03/25 13:49	03/04/25 18:08	1
N-Nitrosodiethylamine	<1.75	U	10.0	1.75	ug/L		03/03/25 13:49	03/04/25 18:08	1
N-Nitrosodimethylamine	<2.02	U	10.0	2.02	ug/L		03/03/25 13:49	03/04/25 18:08	1

Client Sample ID: 2509002-01 Influent TC

Date Collected: 02/27/25 09:25
Date Received: 02/27/25 16:28

Lab Sample ID: 870-34261-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-butylamine	<1.49	U	10.0	1.49	ug/L		03/03/25 13:49	03/04/25 18:08	1
N-Nitrosodi-n-propylamine	<2.88	U	10.0	2.88	ug/L		03/03/25 13:49	03/04/25 18:08	1
N-Nitrosodiphenylamine	<1.81	U	10.0	1.81	ug/L		03/03/25 13:49	03/04/25 18:08	1
4-Nonylphenol	<10.0	U	10.0	10.0	ug/L		03/03/25 13:49	03/04/25 18:08	1
2,2'-oxybis[1-chloropropane]	<1.79	U	10.0	1.79	ug/L		03/03/25 13:49	03/04/25 18:08	1
Pentachlorobenzene	<1.07	U	10.0	1.07	ug/L		03/03/25 13:49	03/04/25 18:08	1
Pentachlorophenol	<0.234	U	10.0	0.234	ug/L		03/03/25 13:49	03/04/25 18:08	1
Phenanthrene	<1.42	U *+	10.0	1.42	ug/L		03/03/25 13:49	03/04/25 18:08	1
Phenol	**3.05**	**J**	4.50	0.423	ug/L		03/03/25 13:49	03/04/25 18:08	1
Pyrene	<0.178	U *+	5.00	0.178	ug/L		03/03/25 13:49	03/04/25 18:08	1
Pyridine	<10.0	U	10.0	10.0	ug/L		03/03/25 13:49	03/04/25 18:08	1
1,2,4,5-Tetrachlorobenzene	<1.32	U *+	10.0	1.32	ug/L		03/03/25 13:49	03/04/25 18:08	1
Total Cresols	**7.82**	**J**	10.0	2.62	ug/L		03/03/25 13:49	03/04/25 18:08	1
1,2,4-Trichlorobenzene	<1.61	U	5.00	1.61	ug/L		03/03/25 13:49	03/04/25 18:08	1
2,4,5-Trichlorophenol	<2.00	U *+	10.0	2.00	ug/L		03/03/25 13:49	03/04/25 18:08	1
2,4,6-Trichlorophenol	<1.42	U *+	5.00	1.42	ug/L		03/03/25 13:49	03/04/25 18:08	1
Bisphenol-A	<10.0	U *-	10.0	10.0	ug/L		03/03/25 13:49	03/04/25 18:08	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
2,3,7,8-TCDD TIC	*<10.0*	*U*	*ug/L*			*1746-01-6*	*03/03/25 13:49*	*03/04/25 18:08*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*78*		*31 - 132*	*03/03/25 13:49*	*03/04/25 18:08*	*1*
2-Fluorobiphenyl (Surr)	*76*		*29 - 112*	*03/03/25 13:49*	*03/04/25 18:08*	*1*
2-Fluorophenol (Surr)	*34*		*28 - 114*	*03/03/25 13:49*	*03/04/25 18:08*	*1*
Nitrobenzene-d5 (Surr)	*71*		*15 - 314*	*03/03/25 13:49*	*03/04/25 18:08*	*1*
p-Terphenyl-d14 (Surr)	*119*		*20 - 141*	*03/03/25 13:49*	*03/04/25 18:08*	*1*
Phenol-d5 (Surr)	*18*		*8 - 424*	*03/03/25 13:49*	*03/04/25 18:08*	*1*

Method: EPA 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	<0.00125	U	0.0100	0.00125	ug/L		03/05/25 08:32	03/06/25 15:06	1
alpha-BHC	<0.000625	U	0.00500	0.000625	ug/L		03/05/25 08:32	03/06/25 15:06	1
beta-BHC	<0.00125	U	0.0100	0.00125	ug/L		03/05/25 08:32	03/06/25 15:06	1
delta-BHC	<0.00250	U	0.0200	0.00250	ug/L		03/05/25 08:32	03/06/25 15:06	1
gamma-BHC (Lindane)	<0.00344	U	0.0100	0.00344	ug/L		03/05/25 08:32	03/06/25 15:06	1
4,4'-DDD	<0.00250	U	0.0200	0.00250	ug/L		03/05/25 08:32	03/06/25 15:06	1
4,4'-DDE	<0.00125	U	0.0100	0.00125	ug/L		03/05/25 08:32	03/06/25 15:06	1
4,4'-DDT	<0.00250	U	0.0200	0.00250	ug/L		03/05/25 08:32	03/06/25 15:06	1
Dieldrin	<0.000625	U	0.00500	0.000625	ug/L		03/05/25 08:32	03/06/25 15:06	1
Endosulfan I	<0.00125	U	0.0100	0.00125	ug/L		03/05/25 08:32	03/06/25 15:06	1
Endosulfan II	<0.00125	U	0.0100	0.00125	ug/L		03/05/25 08:32	03/06/25 15:06	1
Endosulfan sulfate	<0.00559	U	0.0500	0.00559	ug/L		03/05/25 08:32	03/06/25 15:06	1
Endrin	<0.00250	U	0.0200	0.00250	ug/L		03/05/25 08:32	03/06/25 15:06	1
Endrin aldehyde	<0.00592	U	0.0500	0.00592	ug/L		03/05/25 08:32	03/06/25 15:06	1
Dicofol	<0.000500	U	0.000500	0.000500	mg/L		03/05/25 08:32	03/06/25 15:06	1
Heptachlor	<0.00169	U	0.00500	0.00169	ug/L		03/05/25 08:32	03/06/25 15:06	1
Heptachlor epoxide	<0.00125	U	0.0100	0.00125	ug/L		03/05/25 08:32	03/06/25 15:06	1
Toxaphene	<0.0780	U	0.200	0.0780	ug/L		03/05/25 08:32	03/06/25 15:06	1
Chlordane	<0.0250	U	0.200	0.0250	ug/L		03/05/25 08:32	03/06/25 15:06	1

Client Sample ID: 2509002-01 Influent TC

Lab Sample ID: 870-34261-1
Matrix: Water
Date Collected: 02/27/25 09:25
Date Received: 02/27/25 16:28

Method: EPA 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	<0.0000125	U	0.000100	0.0000125	mg/L		03/05/25 08:32	03/06/25 15:06	1
Mirex	<0.0000200	U	0.0000200	0.0000200	mg/L		03/05/25 08:32	03/06/25 15:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*29*		*15 - 136*	*03/05/25 08:32*	*03/06/25 15:06*	*1*
Tetrachloro-m-xylene	*47*		*18 - 126*	*03/05/25 08:32*	*03/06/25 15:06*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0443	U *+	0.100	0.0443	ug/L		03/05/25 08:32	03/07/25 02:56	1
PCB-1242	<0.0443	U	0.100	0.0443	ug/L		03/05/25 08:32	03/07/25 02:56	1
PCB-1254	<0.0390	U	0.100	0.0390	ug/L		03/05/25 08:32	03/07/25 02:56	1
PCB-1221	<0.0443	U	0.100	0.0443	ug/L		03/05/25 08:32	03/07/25 02:56	1
PCB-1232	<0.0443	U	0.100	0.0443	ug/L		03/05/25 08:32	03/07/25 02:56	1
PCB-1248	<0.0443	U	0.100	0.0443	ug/L		03/05/25 08:32	03/07/25 02:56	1
PCB-1260	<0.0390	U	0.100	0.0390	ug/L		03/05/25 08:32	03/07/25 02:56	1
Polychlorinated biphenyls, Total	<0.0390	U	0.100	0.0390	ug/L		03/05/25 08:32	03/07/25 02:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*18*		*18 - 126*	*03/05/25 08:32*	*03/07/25 02:56*	*1*
DCB Decachlorobiphenyl (Surr)	*32*		*15 - 136*	*03/05/25 08:32*	*03/07/25 02:56*	*1*

Method: EPA-01 615 - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	<0.0000542	U	0.000201	0.0000542	mg/L		03/04/25 10:05	03/05/25 19:10	1
Hexachlorophene	<0.000813	U	0.00503	0.000813	mg/L		03/04/25 10:05	03/05/25 19:10	1
Silvex (2,4,5-TP)	<0.0000425	U	0.000201	0.0000425	mg/L		03/04/25 10:05	03/05/25 19:10	1
Dalapon	<0.0000479	U	0.000201	0.0000479	mg/L		03/04/25 10:05	03/05/25 19:10	1
Dicamba	<0.0000426	U	0.000201	0.0000426	mg/L		03/04/25 10:05	03/05/25 19:10	1
Dinoseb	<0.0000345	U *- *1	0.000201	0.0000345	mg/L		03/04/25 10:05	03/05/25 19:10	1
Pentachlorophenol	<0.0000446	U	0.000201	0.0000446	mg/L		03/04/25 10:05	03/05/25 19:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*118*		*45 - 150*	*03/04/25 10:05*	*03/05/25 19:10*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene glycol	<1.22	U	5.00	1.22	mg/L			03/03/25 13:36	1
Propylene glycol	<1.84	U	5.00	1.84	mg/L			03/03/25 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbaryl	<0.927	U	2.50	0.927	ug/L		03/04/25 13:54	03/07/25 11:55	5
Diuron	<0.0257	U	0.0450	0.0257	ug/L		03/04/25 13:54	03/07/25 11:55	5

Client Sample ID: 2509002-03 Influent G

Lab Sample ID: 870-34261-2
Matrix: Water
Date Collected: 02/27/25 09:40
Date Received: 02/27/25 16:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Epichlorohydrin	<0.0150	U	0.100	0.0150	mg/L			03/03/25 14:36	2

Client: North Texas Municipal Water District
Project/Site: SCX 30TAC307 + Table 3

Job ID: 870-34261-1

Client Sample ID: 2509002-03 Influent G
Date Collected: 02/27/25 09:40
Date Received: 02/27/25 16:28

Lab Sample ID: 870-34261-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.305**		0.200	0.00613	mg/L			03/03/25 14:36	2
Acrylonitrile	<0.0286	U	0.100	0.0286	mg/L			03/03/25 14:36	2
Acrolein	<0.0222	U	0.100	0.0222	mg/L			03/03/25 14:36	2
Benzene	<0.000919	U	0.00200	0.000919	mg/L			03/03/25 14:36	2
Bromodichloromethane	<0.00110	U	0.00200	0.00110	mg/L			03/03/25 14:36	2
Bromoform	<0.00127	U	0.0100	0.00127	mg/L			03/03/25 14:36	2
Bromomethane	<0.00284	U	0.0100	0.00284	mg/L			03/03/25 14:36	2
2-Butanone	<0.0166	U	0.100	0.0166	mg/L			03/03/25 14:36	2
Carbon tetrachloride	<0.00179	U	0.0100	0.00179	mg/L			03/03/25 14:36	2
Chlorobenzene	<0.000910	U	0.00200	0.000910	mg/L			03/03/25 14:36	2
Chloroethane	<0.00397	U	0.0200	0.00397	mg/L			03/03/25 14:36	2
2-Chloroethyl vinyl ether	<0.00151	U	0.0100	0.00151	mg/L			03/03/25 14:36	2
Chloromethane	<0.00407	U	0.0200	0.00407	mg/L			03/03/25 14:36	2
Chloroform	**0.00133**	**J**	0.00200	0.000928	mg/L			03/03/25 14:36	2
cis-1,2-Dichloroethene	<0.000914	U	0.00200	0.000914	mg/L			03/03/25 14:36	2
cis-1,3-Dichloropropene	<0.00213	U	0.0100	0.00213	mg/L			03/03/25 14:36	2
Dibromochloromethane	<0.00109	U	0.0100	0.00109	mg/L			03/03/25 14:36	2
1,2-Dibromoethane	<0.00200	U	0.0100	0.00200	mg/L			03/03/25 14:36	2
1,2-Dichlorobenzene	<0.000858	U	0.00200	0.000858	mg/L			03/03/25 14:36	2
1,3-Dichlorobenzene	<0.000826	U	0.00200	0.000826	mg/L			03/03/25 14:36	2
1,4-Dichlorobenzene	<0.000898	U	0.00200	0.000898	mg/L			03/03/25 14:36	2
1,2-Dichloroethane	<0.000744	U	0.00200	0.000744	mg/L			03/03/25 14:36	2
1,1-Dichloroethane	<0.00127	U	0.00200	0.00127	mg/L			03/03/25 14:36	2
1,1-Dichloroethene	<0.00148	U	0.00200	0.00148	mg/L			03/03/25 14:36	2
1,2-Dichloropropane	**0.00333**	**J**	0.0100	0.00111	mg/L			03/03/25 14:36	2
1,3-Dichloropropene, Total	<0.00253	U	0.0100	0.00253	mg/L			03/03/25 14:36	2
Ethylbenzene	<0.000770	U	0.00200	0.000770	mg/L			03/03/25 14:36	2
Methylene Chloride	<0.00345	U	0.0100	0.00345	mg/L			03/03/25 14:36	2
m,p-Xylenes	<0.00248	U	0.0200	0.00248	mg/L			03/03/25 14:36	2
MTBE	<0.00278	U	0.0100	0.00278	mg/L			03/03/25 14:36	2
Naphthalene	<0.00271	U	0.0200	0.00271	mg/L			03/03/25 14:36	2
o-Xylene	<0.00100	U	0.00200	0.00100	mg/L			03/03/25 14:36	2
1,1,2,2-Tetrachloroethane	<0.000940	U	0.00200	0.000940	mg/L			03/03/25 14:36	2
Tetrachloroethene	<0.00131	U	0.00200	0.00131	mg/L			03/03/25 14:36	2
Toluene	**0.00166**	**J**	0.00200	0.000950	mg/L			03/03/25 14:36	2
trans-1,2-Dichloroethene	<0.000736	U	0.00200	0.000736	mg/L			03/03/25 14:36	2
trans-1,3-Dichloropropene	<0.00253	U	0.0100	0.00253	mg/L			03/03/25 14:36	2
1,2,4-Trichlorobenzene	<0.00351	U	0.0100	0.00351	mg/L			03/03/25 14:36	2
1,1,1-Trichloroethane	<0.00117	U	0.0100	0.00117	mg/L			03/03/25 14:36	2
1,1,2-Trichloroethane	<0.000822	U	0.00200	0.000822	mg/L			03/03/25 14:36	2
Trichloroethene	<0.00300	U	0.0100	0.00300	mg/L			03/03/25 14:36	2
Trihalomethanes, Total	**0.00133**	**J**	0.0100	0.00127	mg/L			03/03/25 14:36	2
Xylenes, Total	<0.00248	U	0.0200	0.00248	mg/L			03/03/25 14:36	2
Vinyl acetate	<0.00428	U	0.0400	0.00428	mg/L			03/03/25 14:36	2
Vinyl chloride	<0.000856	U	0.00400	0.000856	mg/L			03/03/25 14:36	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*63 - 144*		*03/03/25 14:36*	*2*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*		*03/03/25 14:36*	*2*
Dibromofluoromethane (Surr)	*101*		*75 - 131*		*03/03/25 14:36*	*2*

Client Sample ID: 2509002-03 Influent G

Lab Sample ID: 870-34261-2
Matrix: Water
Date Collected: 02/27/25 09:40
Date Received: 02/27/25 16:28

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*80 - 120*		*03/03/25 14:36*	*2*

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr	**0.00267**	**J**	0.00300	0.000890	mg/L		03/07/25 07:47	03/07/25 16:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	**44.3**		10.0	5.80	ug/L			03/05/25 20:04	1
Cyanide, Non-amenable (SM 4500 CN G NonAm)	**33.5**		5.00	2.33	ug/L		02/28/25 16:03	02/28/25 18:49	1
Cyanide, Total (EPA Kelada 01)	**0.00574**		0.00500	0.00198	mg/L			03/06/25 19:54	1
Chromium, hexavalent (SM 3500 CR B)	**0.0157**		0.0100	0.00280	mg/L			02/27/25 17:37	1
Cr (III) (SM 3500 CR B)	<2.00	U	3.00	2.00	ug/L			03/10/25 18:10	1
Cyanide, Amenable (SM 4500 CN G)	<2.33	U	5.00	2.33	ug/L			03/07/25 13:57	1

Client Sample ID: 2509002-04 Effluent TC

Lab Sample ID: 870-34261-3
Matrix: Water
Date Collected: 02/27/25 09:05
Date Received: 02/27/25 16:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<1.39	U	5.70	1.39	ug/L		03/03/25 13:49	03/04/25 18:32	1
Acenaphthylene	<1.41	U *+	10.0	1.41	ug/L		03/03/25 13:49	03/04/25 18:32	1
Anthracene	<1.50	U *+	5.70	1.50	ug/L		03/03/25 13:49	03/04/25 18:32	1
Azobenzene	<1.50	U *+	10.0	1.50	ug/L		03/03/25 13:49	03/04/25 18:32	1
Benzidine	<20.0	U *-	20.0	20.0	ug/L		03/03/25 13:49	03/04/25 18:32	1
Benzo[a]anthracene	<0.173	U *+	5.00	0.173	ug/L		03/03/25 13:49	03/04/25 18:32	1
Benzo[a]pyrene	<0.364	U *+	5.00	0.364	ug/L		03/03/25 13:49	03/04/25 18:32	1
Benzo[b]fluoranthene	<2.04	U *+	10.0	2.04	ug/L		03/03/25 13:49	03/04/25 18:32	1
Benzo[g,h,i]perylene	<2.68	U	10.0	2.68	ug/L		03/03/25 13:49	03/04/25 18:32	1
Benzo[k]fluoranthene	<5.00	U *+	5.00	5.00	ug/L		03/03/25 13:49	03/04/25 18:32	1
Bis(2-chloroethoxy)methane	<1.76	U	10.0	1.76	ug/L		03/03/25 13:49	03/04/25 18:32	1
Bis(2-chloroethyl)ether	<2.16	U	10.0	2.16	ug/L		03/03/25 13:49	03/04/25 18:32	1
Bis(2-ethylhexyl) phthalate	<0.277	U	5.00	0.277	ug/L		03/03/25 13:49	03/04/25 18:32	1
4-Bromophenyl phenyl ether	<0.256	U *+	5.00	0.256	ug/L		03/03/25 13:49	03/04/25 18:32	1
Butyl benzyl phthalate	<0.337	U	5.00	0.337	ug/L		03/03/25 13:49	03/04/25 18:32	1
4-Chloro-3-methylphenol	<1.57	U	5.00	1.57	ug/L		03/03/25 13:49	03/04/25 18:32	1
2-Chloronaphthalene	<0.462	U *+	5.00	0.462	ug/L		03/03/25 13:49	03/04/25 18:32	1
2-Chlorophenol	<0.649	U	5.00	0.649	ug/L		03/03/25 13:49	03/04/25 18:32	1
4-Chlorophenyl phenyl ether	<1.28	U	10.0	1.28	ug/L		03/03/25 13:49	03/04/25 18:32	1
Chrysene	<0.222	U *+	5.00	0.222	ug/L		03/03/25 13:49	03/04/25 18:32	1
Dibenz(a,h)anthracene	<0.246	U	5.00	0.246	ug/L		03/03/25 13:49	03/04/25 18:32	1
3,3'-Dichlorobenzidine	<0.341	U	5.00	0.341	ug/L		03/03/25 13:49	03/04/25 18:32	1
2,4-Dichlorophenol	<0.314	U *+	5.00	0.314	ug/L		03/03/25 13:49	03/04/25 18:32	1
Diethyl phthalate	<1.59	U	5.00	1.59	ug/L		03/03/25 13:49	03/04/25 18:32	1
2,4-Dimethylphenol	<0.649	U	5.00	0.649	ug/L		03/03/25 13:49	03/04/25 18:32	1
Dimethyl phthalate	<2.50	U	2.50	2.50	ug/L		03/03/25 13:49	03/04/25 18:32	1
Di-n-butyl phthalate	<0.252	U	5.00	0.252	ug/L		03/03/25 13:49	03/04/25 18:32	1

Client Sample ID: 2509002-04 Effluent TC

Date Collected: 02/27/25 09:05
Date Received: 02/27/25 16:28

Lab Sample ID: 870-34261-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,6-Dinitro-2-methylphenol	<1.44	U	10.0	1.44	ug/L		03/03/25 13:49	03/04/25 18:32	1
2,4-Dinitrophenol	<1.61	U	10.0	1.61	ug/L		03/03/25 13:49	03/04/25 18:32	1
2,4-Dinitrotoluene	<1.31	U	10.0	1.31	ug/L		03/03/25 13:49	03/04/25 18:32	1
2,6-Dinitrotoluene	<1.61	U	5.00	1.61	ug/L		03/03/25 13:49	03/04/25 18:32	1
Di-n-octyl phthalate	<0.373	U	5.00	0.373	ug/L		03/03/25 13:49	03/04/25 18:32	1
1,2-Diphenylhydrazine	<1.49	U *+	10.0	1.49	ug/L		03/03/25 13:49	03/04/25 18:32	1
Fluoranthene	<1.59	U *+	5.00	1.59	ug/L		03/03/25 13:49	03/04/25 18:32	1
Fluorene	<1630	U *+	5000	1630	ppt		03/03/25 13:49	03/04/25 18:32	1
Hexachlorobenzene	<0.307	U	5.00	0.307	ug/L		03/03/25 13:49	03/04/25 18:32	1
Hexachlorobutadiene	<1.00	U *+	1.00	1.00	ug/L		03/03/25 13:49	03/04/25 18:32	1
Hexachlorocyclopentadiene	<10.0	U *+	10.0	10.0	ug/L		03/03/25 13:49	03/04/25 18:32	1
Hexachloroethane	<0.526	U *+	4.80	0.526	ug/L		03/03/25 13:49	03/04/25 18:32	1
Indeno[1,2,3-cd]pyrene	<2.29	U *+	5.00	2.29	ug/L		03/03/25 13:49	03/04/25 18:32	1
Isophorone	<1.64	U	5.00	1.64	ug/L		03/03/25 13:49	03/04/25 18:32	1
2-Methylphenol	<1.62	U	10.0	1.62	ug/L		03/03/25 13:49	03/04/25 18:32	1
3 & 4 Methylphenol	<2.62	U	10.0	2.62	ug/L		03/03/25 13:49	03/04/25 18:32	1
Naphthalene	<2.50	U *+	2.50	2.50	ug/L		03/03/25 13:49	03/04/25 18:32	1
Nitrobenzene	<1.66	U	5.00	1.66	ug/L		03/03/25 13:49	03/04/25 18:32	1
2-Nitrophenol	<1.67	U	10.0	1.67	ug/L		03/03/25 13:49	03/04/25 18:32	1
4-Nitrophenol	<2.36	U	7.20	2.36	ug/L		03/03/25 13:49	03/04/25 18:32	1
N-Nitrosodiethylamine	<1.75	U	10.0	1.75	ug/L		03/03/25 13:49	03/04/25 18:32	1
N-Nitrosodimethylamine	<2.02	U	10.0	2.02	ug/L		03/03/25 13:49	03/04/25 18:32	1
N-Nitrosodi-n-butylamine	<1.49	U	10.0	1.49	ug/L		03/03/25 13:49	03/04/25 18:32	1
N-Nitrosodi-n-propylamine	<2.88	U	10.0	2.88	ug/L		03/03/25 13:49	03/04/25 18:32	1
N-Nitrosodiphenylamine	<1.81	U	10.0	1.81	ug/L		03/03/25 13:49	03/04/25 18:32	1
4-Nonylphenol	<10.0	U	10.0	10.0	ug/L		03/03/25 13:49	03/04/25 18:32	1
2,2'-oxybis[1-chloropropane]	<1.79	U	10.0	1.79	ug/L		03/03/25 13:49	03/04/25 18:32	1
Pentachlorobenzene	<1.07	U	10.0	1.07	ug/L		03/03/25 13:49	03/04/25 18:32	1
Pentachlorophenol	<0.234	U	10.0	0.234	ug/L		03/03/25 13:49	03/04/25 18:32	1
Phenanthrene	<1.42	U *+	10.0	1.42	ug/L		03/03/25 13:49	03/04/25 18:32	1
Phenol	<0.423	U	4.50	0.423	ug/L		03/03/25 13:49	03/04/25 18:32	1
Pyrene	<0.178	U *+	5.00	0.178	ug/L		03/03/25 13:49	03/04/25 18:32	1
Pyridine	<10.0	U	10.0	10.0	ug/L		03/03/25 13:49	03/04/25 18:32	1
1,2,4,5-Tetrachlorobenzene	<1.32	U *+	10.0	1.32	ug/L		03/03/25 13:49	03/04/25 18:32	1
Total Cresols	<2.62	U	10.0	2.62	ug/L		03/03/25 13:49	03/04/25 18:32	1
1,2,4-Trichlorobenzene	<1.61	U	5.00	1.61	ug/L		03/03/25 13:49	03/04/25 18:32	1
2,4,5-Trichlorophenol	<2.00	U *+	10.0	2.00	ug/L		03/03/25 13:49	03/04/25 18:32	1
2,4,6-Trichlorophenol	<1.42	U *+	5.00	1.42	ug/L		03/03/25 13:49	03/04/25 18:32	1
Bisphenol-A	<10.0	U *-	10.0	10.0	ug/L		03/03/25 13:49	03/04/25 18:32	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
2,3,7,8-TCDD TIC	*<10.0*	*U*	*ug/L*			*1746-01-6*	*03/03/25 13:49*	*03/04/25 18:32*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*77*		*31 - 132*	*03/03/25 13:49*	*03/04/25 18:32*	*1*
2-Fluorobiphenyl (Surr)	*112*		*29 - 112*	*03/03/25 13:49*	*03/04/25 18:32*	*1*
2-Fluorophenol (Surr)	*47*		*28 - 114*	*03/03/25 13:49*	*03/04/25 18:32*	*1*
Nitrobenzene-d5 (Surr)	*110*		*15 - 314*	*03/03/25 13:49*	*03/04/25 18:32*	*1*
p-Terphenyl-d14 (Surr)	*132*		*20 - 141*	*03/03/25 13:49*	*03/04/25 18:32*	*1*
Phenol-d5 (Surr)	*26*		*8 - 424*	*03/03/25 13:49*	*03/04/25 18:32*	*1*

Client Sample ID: 2509002-04 Effluent TC

Date Collected: 02/27/25 09:05
Date Received: 02/27/25 16:28

Lab Sample ID: 870-34261-3

Matrix: Water

Method: EPA 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	<0.00250	U	0.0200	0.00250	ug/L		03/05/25 08:32	03/06/25 15:20	2
alpha-BHC	<0.00125	U	0.0100	0.00125	ug/L		03/05/25 08:32	03/06/25 15:20	2
beta-BHC	<0.00250	U	0.0200	0.00250	ug/L		03/05/25 08:32	03/06/25 15:20	2
delta-BHC	<0.00500	U	0.0400	0.00500	ug/L		03/05/25 08:32	03/06/25 15:20	2
gamma-BHC (Lindane)	<0.00688	U	0.0200	0.00688	ug/L		03/05/25 08:32	03/06/25 15:20	2
4,4'-DDD	<0.00500	U	0.0400	0.00500	ug/L		03/05/25 08:32	03/06/25 15:20	2
4,4'-DDE	<0.00250	U	0.0200	0.00250	ug/L		03/05/25 08:32	03/06/25 15:20	2
4,4'-DDT	<0.00500	U	0.0400	0.00500	ug/L		03/05/25 08:32	03/06/25 15:20	2
Dieldrin	<0.00125	U	0.0100	0.00125	ug/L		03/05/25 08:32	03/06/25 15:20	2
Endosulfan I	<0.00250	U	0.0200	0.00250	ug/L		03/05/25 08:32	03/06/25 15:20	2
Endosulfan II	<0.00250	U	0.0200	0.00250	ug/L		03/05/25 08:32	03/06/25 15:20	2
Endosulfan sulfate	<0.0112	U	0.100	0.0112	ug/L		03/05/25 08:32	03/06/25 15:20	2
Endrin	<0.00500	U	0.0400	0.00500	ug/L		03/05/25 08:32	03/06/25 15:20	2
Endrin aldehyde	<0.0118	U	0.100	0.0118	ug/L		03/05/25 08:32	03/06/25 15:20	2
Dicofol	<0.00100	U	0.00100	0.00100	mg/L		03/05/25 08:32	03/06/25 15:20	2
Heptachlor	<0.00338	U	0.0100	0.00338	ug/L		03/05/25 08:32	03/06/25 15:20	2
Heptachlor epoxide	<0.00250	U	0.0200	0.00250	ug/L		03/05/25 08:32	03/06/25 15:20	2
Toxaphene	<0.156	U	0.400	0.156	ug/L		03/05/25 08:32	03/06/25 15:20	2
Chlordane	<0.0500	U	0.400	0.0500	ug/L		03/05/25 08:32	03/06/25 15:20	2
Methoxychlor	<0.0000250	U	0.000200	0.0000250	mg/L		03/05/25 08:32	03/06/25 15:20	2
Mirex	<0.0000400	U	0.0000400	0.0000400	mg/L		03/05/25 08:32	03/06/25 15:20	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*224*	*S1+*	*15 - 136*	*03/05/25 08:32*	*03/06/25 15:20*	*2*
Tetrachloro-m-xylene	*249*	*S1+*	*18 - 126*	*03/05/25 08:32*	*03/06/25 15:20*	*2*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0887	U *+	0.200	0.0887	ug/L		03/05/25 08:32	03/07/25 04:17	2
PCB-1242	<0.0887	U	0.200	0.0887	ug/L		03/05/25 08:32	03/07/25 04:17	2
PCB-1254	<0.0780	U	0.200	0.0780	ug/L		03/05/25 08:32	03/07/25 04:17	2
PCB-1221	<0.0887	U	0.200	0.0887	ug/L		03/05/25 08:32	03/07/25 04:17	2
PCB-1232	<0.0887	U	0.200	0.0887	ug/L		03/05/25 08:32	03/07/25 04:17	2
PCB-1248	<0.0887	U	0.200	0.0887	ug/L		03/05/25 08:32	03/07/25 04:17	2
PCB-1260	<0.0780	U	0.200	0.0780	ug/L		03/05/25 08:32	03/07/25 04:17	2
Polychlorinated biphenyls, Total	<0.0780	U	0.200	0.0780	ug/L		03/05/25 08:32	03/07/25 04:17	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*178*	*S1+*	*18 - 126*	*03/05/25 08:32*	*03/07/25 04:17*	*2*
DCB Decachlorobiphenyl (Surr)	*185*	*S1+*	*15 - 136*	*03/05/25 08:32*	*03/07/25 04:17*	*2*

Method: EPA-01 615 - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	<0.0000542	U	0.000201	0.0000542	mg/L		03/04/25 10:05	03/05/25 19:36	1
Hexachlorophene	<0.000813	U	0.00503	0.000813	mg/L		03/04/25 10:05	03/05/25 19:36	1
Silvex (2,4,5-TP)	<0.0000425	U	0.000201	0.0000425	mg/L		03/04/25 10:05	03/05/25 19:36	1
Dalapon	<0.0000479	U	0.000201	0.0000479	mg/L		03/04/25 10:05	03/05/25 19:36	1
Dicamba	<0.0000426	U	0.000201	0.0000426	mg/L		03/04/25 10:05	03/05/25 19:36	1
Dinoseb	<0.0000345	U *- *1	0.000201	0.0000345	mg/L		03/04/25 10:05	03/05/25 19:36	1
Pentachlorophenol	<0.0000446	U	0.000201	0.0000446	mg/L		03/04/25 10:05	03/05/25 19:36	1

Client Sample ID: 2509002-04 Effluent TC

Date Collected: 02/27/25 09:05
Date Received: 02/27/25 16:28

Lab Sample ID: 870-34261-3

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*90*		*45 - 150*	*03/04/25 10:05*	*03/05/25 19:36*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene glycol	<1.22	U	5.00	1.22	mg/L			03/03/25 13:49	1
Propylene glycol	<1.84	U	5.00	1.84	mg/L			03/03/25 13:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbaryl	<0.185	U	0.500	0.185	ug/L		03/04/25 13:54	03/05/25 17:13	1
Diuron	<0.00514	U	0.00900	0.00514	ug/L		03/04/25 13:54	03/05/25 17:13	1

Method: EPA 1613B - Tetra Chlorinated Dioxin (GC/MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	<2.03	U	4.84	2.03	pg/L		03/03/25 04:37	03/04/25 03:06	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-2,3,7,8-TCDD	*68*		*31 - 137*	*03/03/25 04:37*	*03/04/25 03:06*	*1*

Client Sample ID: 2509002-06 Effluent G

Date Collected: 02/27/25 08:45
Date Received: 02/27/25 16:28

Lab Sample ID: 870-34261-4

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Epichlorohydrin	<0.00752	U	0.0500	0.00752	mg/L			03/03/25 14:56	1
Acetone	<0.00307	U	0.100	0.00307	mg/L			03/03/25 14:56	1
Acrylonitrile	<0.0143	U	0.0500	0.0143	mg/L			03/03/25 14:56	1
Acrolein	<0.0111	U	0.0500	0.0111	mg/L			03/03/25 14:56	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			03/03/25 14:56	1
Bromodichloromethane	<0.000552	U	0.00100	0.000552	mg/L			03/03/25 14:56	1
Bromoform	<0.000633	U	0.00500	0.000633	mg/L			03/03/25 14:56	1
Bromomethane	<0.00142	U	0.00500	0.00142	mg/L			03/03/25 14:56	1
2-Butanone	<0.00828	U	0.0500	0.00828	mg/L			03/03/25 14:56	1
Carbon tetrachloride	<0.000896	U	0.00500	0.000896	mg/L			03/03/25 14:56	1
Chlorobenzene	<0.000455	U	0.00100	0.000455	mg/L			03/03/25 14:56	1
Chloroethane	<0.00198	U	0.0100	0.00198	mg/L			03/03/25 14:56	1
2-Chloroethyl vinyl ether	<0.000753	U	0.00500	0.000753	mg/L			03/03/25 14:56	1
Chloromethane	<0.00204	U	0.0100	0.00204	mg/L			03/03/25 14:56	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			03/03/25 14:56	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			03/03/25 14:56	1
cis-1,3-Dichloropropene	<0.00107	U	0.00500	0.00107	mg/L			03/03/25 14:56	1
Dibromochloromethane	<0.000547	U	0.00500	0.000547	mg/L			03/03/25 14:56	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			03/03/25 14:56	1
1,2-Dichlorobenzene	<0.000429	U	0.00100	0.000429	mg/L			03/03/25 14:56	1
1,3-Dichlorobenzene	<0.000413	U	0.00100	0.000413	mg/L			03/03/25 14:56	1
1,4-Dichlorobenzene	<0.000449	U	0.00100	0.000449	mg/L			03/03/25 14:56	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			03/03/25 14:56	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			03/03/25 14:56	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			03/03/25 14:56	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			03/03/25 14:56	1
1,3-Dichloropropene, Total	<0.00127	U	0.00500	0.00127	mg/L			03/03/25 14:56	1

Client: North Texas Municipal Water District
Project/Site: SCX 30TAC307 + Table 3

Job ID: 870-34261-1

Client Sample ID: 2509002-06 Effluent G

Date Collected: 02/27/25 08:45
Date Received: 02/27/25 16:28

Lab Sample ID: 870-34261-4

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			03/03/25 14:56	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			03/03/25 14:56	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			03/03/25 14:56	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			03/03/25 14:56	1
Naphthalene	<0.00135	U	0.0100	0.00135	mg/L			03/03/25 14:56	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			03/03/25 14:56	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			03/03/25 14:56	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			03/03/25 14:56	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			03/03/25 14:56	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			03/03/25 14:56	1
trans-1,3-Dichloropropene	<0.00127	U	0.00500	0.00127	mg/L			03/03/25 14:56	1
1,2,4-Trichlorobenzene	<0.00175	U	0.00500	0.00175	mg/L			03/03/25 14:56	1
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			03/03/25 14:56	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			03/03/25 14:56	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			03/03/25 14:56	1
Trihalomethanes, Total	<0.000633	U	0.00500	0.000633	mg/L			03/03/25 14:56	1
Xylenes, Total	<0.00124	U	0.0100	0.00124	mg/L			03/03/25 14:56	1
Vinyl acetate	<0.00214	U	0.0200	0.00214	mg/L			03/03/25 14:56	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			03/03/25 14:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*63 - 144*		*03/03/25 14:56*	*1*
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*		*03/03/25 14:56*	*1*
Dibromofluoromethane (Surr)	*105*		*75 - 131*		*03/03/25 14:56*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*03/03/25 14:56*	*1*

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr	<0.000890	U	0.00300	0.000890	mg/L		03/07/25 07:47	03/07/25 17:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	<5.80	U	10.0	5.80	ug/L			03/05/25 20:06	1
Cyanide, Non-amenable (SM 4500 CN G NonAm)	<2.33	U	5.00	2.33	ug/L		02/28/25 16:03	02/28/25 18:50	1
Cyanide, Total (EPA Kelada 01)	<0.00198	U	0.00500	0.00198	mg/L			03/06/25 19:51	1
Chromium, hexavalent (SM 3500 CR B)	**0.00359**	**J**	0.0100	0.00280	mg/L			02/27/25 17:37	1
Cr (III) (SM 3500 CR B)	<2.00	U	3.00	2.00	ug/L			03/10/25 18:10	1
Cyanide, Amenable (SM 4500 CN G)	<2.33	U	5.00	2.33	ug/L			03/07/25 13:57	1

Surrogate Summary

Client: North Texas Municipal Water District
Project/Site: SCX 30TAC307 + Table 3

Job ID: 870-34261-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(63-144)	(74-124)	(75-131)	(80-120)
870-34261-2	2509002-03 Influent G	103	100	101	102
870-34261-4	2509002-06 Effluent G	107	99	105	101
LCS 860-219795/3	Lab Control Sample	98	100	100	99
LCSD 860-219795/4	Lab Control Sample Dup	98	100	100	99
MB 860-219795/9	Method Blank	105	105	104	101

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)					
		TBP	FBP	2FP	NBZ	TPHd14	PHL
Lab Sample ID	Client Sample ID	(31-132)	(29-112)	(28-114)	(15-314)	(20-141)	(8-424)
870-34261-1	2509002-01 Influent TC	78	76	34	71	119	18
870-34261-3	2509002-04 Effluent TC	77	112	47	110	132	26
LCS 860-219948/2-A	Lab Control Sample	121	145 S1+	107	153	154 S1+	97
LCSD 860-219948/3-A	Lab Control Sample Dup	107	126 S1+	106	135	130	91
MB 860-219948/1-A	Method Blank	62	116 S1+	88	122	122	74

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: 608.3 - Organochlorine Pesticides in Water

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

		Percent Surrogate Recovery (Acceptance Limits)	
		DCB1	TCX1
Lab Sample ID	Client Sample ID	(15-136)	(18-126)
870-34261-1	2509002-01 Influent TC	29	47
870-34261-3	2509002-04 Effluent TC	224 S1+	249 S1+
LCS 860-220428/2-A	Lab Control Sample	108	93
LCSD 860-220428/3-A	Lab Control Sample Dup	102	88
MB 860-220428/1-A	Method Blank	109	78

Surrogate Legend

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

Surrogate Summary

Client: North Texas Municipal Water District
Job ID: 870-34261-1
Project/Site: SCX 30TAC307 + Table 3

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

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

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	TCX1 (18-126)	DCB1 (15-136)								
870-34261-1	2509002-01 Influent TC	18	32								
870-34261-3	2509002-04 Effluent TC	178 S1+	185 S1+								
LCS 860-220428/4-A	Lab Control Sample	110									
LCSD 860-220428/5-A	Lab Control Sample Dup	109									
MB 860-220428/1-A	Method Blank	99									

Surrogate Legend

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

Method: 615 - Herbicides (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	DCPAA1 (45-150)									
870-34261-1	2509002-01 Influent TC	118									
870-34261-3	2509002-04 Effluent TC	90									
LCS 860-220040/2-A	Lab Control Sample	109									
LCS 860-220040/4-A	Lab Control Sample	70									
LCSD 860-220040/3-A	Lab Control Sample Dup	92									
LCSD 860-220040/5-A	Lab Control Sample Dup	73									
MB 860-220040/1-A	Method Blank	76									

Surrogate Legend

DCPAA = 2,4-Dichlorophenylacetic acid

Isotope Dilution Summary

Client: North Texas Municipal Water District
Project/Site: SCX 30TAC307 + Table 3

Job ID: 870-34261-1

Method: 1613B - Tetra Chlorinated Dioxin (GC/MS/MS)

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

		Percent Isotope Dilution Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	TCDD (31-137)						
870-34261-3	2509002-04 Effluent TC	68						
MBL 380-139033/21-A	Method Blank	59						

Surrogate Legend

TCDD = 13C-2,3,7,8-TCDD

Method: 1613B - Tetra Chlorinated Dioxin (GC/MS/MS)

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

		Percent Isotope Dilution Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	TCDD (25-141)						
LCS 380-139033/19-A	Lab Control Sample	60						
LCSD 380-139033/20-A	Lab Control Sample Dup	65						
MRL 380-139033/22-A	Lab Control Sample	66						

Surrogate Legend

TCDD = 13C-2,3,7,8-TCDD

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

Lab Sample ID: MB 860-219795/9
Matrix: Water
Analysis Batch: 219795

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Epichlorohydrin	<0.00752	U	0.0500	0.00752	mg/L			03/03/25 10:09	1
Acetone	<3.07	U	100	3.07	ug/L			03/03/25 10:09	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			03/03/25 10:09	1
Acrolein	<11.1	U	50.0	11.1	ug/L			03/03/25 10:09	1
Benzene	<0.460	U	1.00	0.460	ug/L			03/03/25 10:09	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			03/03/25 10:09	1
Bromoform	<0.633	U	5.00	0.633	ug/L			03/03/25 10:09	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			03/03/25 10:09	1
2-Butanone	<8.28	U	50.0	8.28	ug/L			03/03/25 10:09	1
Carbon tetrachloride	<0.896	U	2.00	0.896	ug/L			03/03/25 10:09	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			03/03/25 10:09	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			03/03/25 10:09	1
2-Chloroethyl vinyl ether	<0.753	U	5.00	0.753	ug/L			03/03/25 10:09	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			03/03/25 10:09	1
Chloroform	<0.464	U	1.00	0.464	ug/L			03/03/25 10:09	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			03/03/25 10:09	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			03/03/25 10:09	1
Dibromochloromethane	<0.547	U	5.00	0.547	ug/L			03/03/25 10:09	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			03/03/25 10:09	1
1,2-Dichlorobenzene	<0.429	U	1.00	0.429	ug/L			03/03/25 10:09	1
1,3-Dichlorobenzene	<0.413	U	1.00	0.413	ug/L			03/03/25 10:09	1
1,4-Dichlorobenzene	<0.449	U	1.00	0.449	ug/L			03/03/25 10:09	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			03/03/25 10:09	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			03/03/25 10:09	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			03/03/25 10:09	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			03/03/25 10:09	1
1,3-Dichloropropene, Total	<1.27	U	5.00	1.27	ug/L			03/03/25 10:09	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			03/03/25 10:09	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			03/03/25 10:09	1
m,p-Xylenes	<1.24	U	10.0	1.24	ug/L			03/03/25 10:09	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			03/03/25 10:09	1
Naphthalene	<1.35	U	10.0	1.35	ug/L			03/03/25 10:09	1
o-Xylene	<0.502	U	1.00	0.502	ug/L			03/03/25 10:09	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			03/03/25 10:09	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			03/03/25 10:09	1
Toluene	<0.475	U	1.00	0.475	ug/L			03/03/25 10:09	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			03/03/25 10:09	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			03/03/25 10:09	1
1,2,4-Trichlorobenzene	<1.75	U	5.00	1.75	ug/L			03/03/25 10:09	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			03/03/25 10:09	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			03/03/25 10:09	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			03/03/25 10:09	1
Trihalomethanes, Total	<0.633	U	5.00	0.633	ug/L			03/03/25 10:09	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			03/03/25 10:09	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			03/03/25 10:09	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			03/03/25 10:09	1

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

Lab Sample ID: MB 860-219795/9
Matrix: Water
Analysis Batch: 219795

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		63 - 144		03/03/25 10:09	1
4-Bromofluorobenzene (Surr)	105		74 - 124		03/03/25 10:09	1
Dibromofluoromethane (Surr)	104		75 - 131		03/03/25 10:09	1
Toluene-d8 (Surr)	101		80 - 120		03/03/25 10:09	1

Lab Sample ID: LCS 860-219795/3
Matrix: Water
Analysis Batch: 219795

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	250	246.0		ug/L		98	60 - 140
Acrylonitrile	500	526.5		ug/L		105	60 - 140
Acrolein	250	263.4		ug/L		105	60 - 140
Benzene	50.0	52.53		ug/L		105	75 - 125
Bromodichloromethane	50.0	53.78		ug/L		108	75 - 125
Bromoform	50.0	50.81		ug/L		102	70 - 130
Bromomethane	50.0	55.02		ug/L		110	60 - 140
2-Butanone	250	248.1		ug/L		99	60 - 140
Carbon tetrachloride	50.0	52.11		ug/L		104	70 - 125
Chlorobenzene	50.0	51.76		ug/L		104	82 - 135
Chloroethane	50.0	59.43		ug/L		119	60 - 140
2-Chloroethyl vinyl ether	50.0	53.51		ug/L		107	50 - 150
Chloromethane	50.0	57.22		ug/L		114	60 - 140
Chloroform	50.0	50.93		ug/L		102	70 - 121
cis-1,2-Dichloroethene	50.0	53.12		ug/L		106	75 - 125
cis-1,3-Dichloropropene	50.0	52.27		ug/L		105	74 - 125
Dibromochloromethane	50.0	52.02		ug/L		104	73 - 125
1,2-Dibromoethane	50.0	52.52		ug/L		105	73 - 125
1,2-Dichlorobenzene	50.0	50.92		ug/L		102	75 - 125
1,3-Dichlorobenzene	50.0	50.71		ug/L		101	75 - 125
1,4-Dichlorobenzene	50.0	51.29		ug/L		103	75 - 125
1,2-Dichloroethane	50.0	53.65		ug/L		107	72 - 130
1,1-Dichloroethane	50.0	53.54		ug/L		107	71 - 130
1,1-Dichloroethene	50.0	54.61		ug/L		109	50 - 150
1,2-Dichloropropane	50.0	53.13		ug/L		106	74 - 125
Ethylbenzene	50.0	52.36		ug/L		105	75 - 125
Methylene Chloride	50.0	48.48		ug/L		97	71 - 125
m,p-Xylenes	50.0	51.62		ug/L		103	75 - 125
MTBE	0.0500	0.05304		mg/L		106	65 - 135
Naphthalene	50.0	50.85		ug/L		102	70 - 130
o-Xylene	50.0	51.69		ug/L		103	75 - 125
1,1,2,2-Tetrachloroethane	50.0	50.42		ug/L		101	74 - 125
Tetrachloroethene	50.0	52.70		ug/L		105	71 - 125
Toluene	50.0	51.44		ug/L		103	75 - 130
trans-1,2-Dichloroethene	50.0	55.20		ug/L		110	75 - 125
trans-1,3-Dichloropropene	50.0	52.51		ug/L		105	66 - 125
1,2,4-Trichlorobenzene	50.0	51.52		ug/L		103	75 - 135
1,1,1-Trichloroethane	50.0	53.93		ug/L		108	70 - 130

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

Lab Sample ID: LCS 860-219795/3
Matrix: Water
Analysis Batch: 219795

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichloroethane	50.0	51.94		ug/L		104	75 - 130
Trichloroethene	50.0	53.09		ug/L		106	75 - 135
Vinyl acetate	250	284.2		ug/L		114	60 - 140
Vinyl chloride	50.0	53.13		ug/L		106	60 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*63 - 144*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*
Dibromofluoromethane (Surr)	*100*		*75 - 131*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: LCSD 860-219795/4
Matrix: Water
Analysis Batch: 219795

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
Acetone	250	228.3		ug/L		91	60 - 140	7	25
Acrylonitrile	500	502.3		ug/L		100	60 - 140	5	25
Acrolein	250	236.4		ug/L		95	60 - 140	11	25
Benzene	50.0	48.84		ug/L		98	75 - 125	7	25
Bromodichloromethane	50.0	50.80		ug/L		102	75 - 125	6	25
Bromoform	50.0	47.74		ug/L		95	70 - 130	6	25
Bromomethane	50.0	51.17		ug/L		102	60 - 140	7	25
2-Butanone	250	228.4		ug/L		91	60 - 140	8	25
Carbon tetrachloride	50.0	49.95		ug/L		100	70 - 125	4	25
Chlorobenzene	50.0	46.94		ug/L		94	82 - 135	10	25
Chloroethane	50.0	61.95		ug/L		124	60 - 140	4	25
2-Chloroethyl vinyl ether	50.0	50.91		ug/L		102	50 - 150	5	25
Chloromethane	50.0	53.26		ug/L		107	60 - 140	7	25
Chloroform	50.0	47.59		ug/L		95	70 - 121	7	25
cis-1,2-Dichloroethene	50.0	49.55		ug/L		99	75 - 125	7	25
cis-1,3-Dichloropropene	50.0	49.55		ug/L		99	74 - 125	5	25
Dibromochloromethane	50.0	48.35		ug/L		97	73 - 125	7	25
1,2-Dibromoethane	50.0	48.97		ug/L		98	73 - 125	7	25
1,2-Dichlorobenzene	50.0	46.83		ug/L		94	75 - 125	8	25
1,3-Dichlorobenzene	50.0	46.67		ug/L		93	75 - 125	8	25
1,4-Dichlorobenzene	50.0	47.90		ug/L		96	75 - 125	7	25
1,2-Dichloroethane	50.0	50.78		ug/L		102	72 - 130	6	25
1,1-Dichloroethane	50.0	49.68		ug/L		99	71 - 130	7	25
1,1-Dichloroethene	50.0	52.15		ug/L		104	50 - 150	5	25
1,2-Dichloropropane	50.0	50.34		ug/L		101	74 - 125	5	25
Ethylbenzene	50.0	47.49		ug/L		95	75 - 125	10	25
Methylene Chloride	50.0	45.33		ug/L		91	71 - 125	7	25
m,p-Xylenes	50.0	46.66		ug/L		93	75 - 125	10	25
MTBE	0.0500	0.05035		mg/L		101	65 - 135	5	25
Naphthalene	50.0	46.53		ug/L		93	70 - 130	9	25
o-Xylene	50.0	46.86		ug/L		94	75 - 125	10	25
1,1,2,2-Tetrachloroethane	50.0	47.86		ug/L		96	74 - 125	5	25

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

Lab Sample ID: LCSD 860-219795/4
Matrix: Water
Analysis Batch: 219795

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
Tetrachloroethene			50.0	48.23		ug/L		96	71 - 125	9	25
Toluene			50.0	46.76		ug/L		94	75 - 130	10	25
trans-1,2-Dichloroethene			50.0	51.20		ug/L		102	75 - 125	8	25
trans-1,3-Dichloropropene			50.0	48.71		ug/L		97	66 - 125	8	25
1,2,4-Trichlorobenzene			50.0	46.88		ug/L		94	75 - 135	9	25
1,1,1-Trichloroethane			50.0	49.32		ug/L		99	70 - 130	9	25
1,1,2-Trichloroethane			50.0	48.17		ug/L		96	75 - 130	8	25
Trichloroethene			50.0	49.68		ug/L		99	75 - 135	7	25
Vinyl acetate			250	270.5		ug/L		108	60 - 140	5	25
Vinyl chloride			50.0	49.18		ug/L		98	60 - 140	8	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*63 - 144*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*
Dibromofluoromethane (Surr)	*100*		*75 - 131*
Toluene-d8 (Surr)	*99*		*80 - 120*

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

Lab Sample ID: MB 860-219948/1-A
Matrix: Water
Analysis Batch: 219508

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 219948

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<1.39	U	5.70	1.39	ug/L		03/03/25 13:49	03/04/25 14:39	1
Acenaphthylene	<1.41	U	10.0	1.41	ug/L		03/03/25 13:49	03/04/25 14:39	1
Anthracene	<1.50	U	5.70	1.50	ug/L		03/03/25 13:49	03/04/25 14:39	1
Azobenzene	<1.50	U	10.0	1.50	ug/L		03/03/25 13:49	03/04/25 14:39	1
Benzidine	<20.0	U	20.0	20.0	ug/L		03/03/25 13:49	03/04/25 14:39	1
Benzo[a]anthracene	<0.173	U	5.00	0.173	ug/L		03/03/25 13:49	03/04/25 14:39	1
Benzo[a]pyrene	<0.364	U	5.00	0.364	ug/L		03/03/25 13:49	03/04/25 14:39	1
Benzo[b]fluoranthene	<2.04	U	10.0	2.04	ug/L		03/03/25 13:49	03/04/25 14:39	1
Benzo[g,h,i]perylene	<2.68	U	10.0	2.68	ug/L		03/03/25 13:49	03/04/25 14:39	1
Benzo[k]fluoranthene	<5.00	U	5.00	5.00	ug/L		03/03/25 13:49	03/04/25 14:39	1
Bis(2-chloroethoxy)methane	<1.76	U	10.0	1.76	ug/L		03/03/25 13:49	03/04/25 14:39	1
Bis(2-chloroethyl)ether	<2.16	U	10.0	2.16	ug/L		03/03/25 13:49	03/04/25 14:39	1
Bis(2-ethylhexyl) phthalate	<0.277	U	5.00	0.277	ug/L		03/03/25 13:49	03/04/25 14:39	1
4-Bromophenyl phenyl ether	<0.256	U	5.00	0.256	ug/L		03/03/25 13:49	03/04/25 14:39	1
Butyl benzyl phthalate	<0.337	U	5.00	0.337	ug/L		03/03/25 13:49	03/04/25 14:39	1
4-Chloro-3-methylphenol	<1.57	U	5.00	1.57	ug/L		03/03/25 13:49	03/04/25 14:39	1
2-Chloronaphthalene	<0.462	U	5.00	0.462	ug/L		03/03/25 13:49	03/04/25 14:39	1
2-Chlorophenol	<0.649	U	5.00	0.649	ug/L		03/03/25 13:49	03/04/25 14:39	1
4-Chlorophenyl phenyl ether	<1.28	U	10.0	1.28	ug/L		03/03/25 13:49	03/04/25 14:39	1
Chrysene	<0.222	U	5.00	0.222	ug/L		03/03/25 13:49	03/04/25 14:39	1
Dibenz(a,h)anthracene	<0.246	U	5.00	0.246	ug/L		03/03/25 13:49	03/04/25 14:39	1
3,3'-Dichlorobenzidine	<0.341	U	5.00	0.341	ug/L		03/03/25 13:49	03/04/25 14:39	1
2,4-Dichlorophenol	<0.314	U	5.00	0.314	ug/L		03/03/25 13:49	03/04/25 14:39	1
Diethyl phthalate	<1.59	U	5.00	1.59	ug/L		03/03/25 13:49	03/04/25 14:39	1
2,4-Dimethylphenol	<0.649	U	5.00	0.649	ug/L		03/03/25 13:49	03/04/25 14:39	1

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

Lab Sample ID: MB 860-219948/1-A
Matrix: Water
Analysis Batch: 219508

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 219948

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	<2.50	U	2.50	2.50	ug/L		03/03/25 13:49	03/04/25 14:39	1
Di-n-butyl phthalate	<0.252	U	5.00	0.252	ug/L		03/03/25 13:49	03/04/25 14:39	1
4,6-Dinitro-2-methylphenol	<1.44	U	10.0	1.44	ug/L		03/03/25 13:49	03/04/25 14:39	1
2,4-Dinitrophenol	<1.61	U	10.0	1.61	ug/L		03/03/25 13:49	03/04/25 14:39	1
2,4-Dinitrotoluene	<1.31	U	10.0	1.31	ug/L		03/03/25 13:49	03/04/25 14:39	1
2,6-Dinitrotoluene	<1.61	U	5.00	1.61	ug/L		03/03/25 13:49	03/04/25 14:39	1
Di-n-octyl phthalate	<0.373	U	5.00	0.373	ug/L		03/03/25 13:49	03/04/25 14:39	1
1,2-Diphenylhydrazine	<1.49	U	10.0	1.49	ug/L		03/03/25 13:49	03/04/25 14:39	1
Fluoranthene	<1.59	U	5.00	1.59	ug/L		03/03/25 13:49	03/04/25 14:39	1
Fluorene	<1630	U	5000	1630	ppt		03/03/25 13:49	03/04/25 14:39	1
Hexachlorobenzene	<0.307	U	5.00	0.307	ug/L		03/03/25 13:49	03/04/25 14:39	1
Hexachlorobutadiene	<1.00	U	1.00	1.00	ug/L		03/03/25 13:49	03/04/25 14:39	1
Hexachlorocyclopentadiene	<10.0	U	10.0	10.0	ug/L		03/03/25 13:49	03/04/25 14:39	1
Hexachloroethane	<0.526	U	4.80	0.526	ug/L		03/03/25 13:49	03/04/25 14:39	1
Indeno[1,2,3-cd]pyrene	<2.29	U	5.00	2.29	ug/L		03/03/25 13:49	03/04/25 14:39	1
Isophorone	<1.64	U	5.00	1.64	ug/L		03/03/25 13:49	03/04/25 14:39	1
2-Methylphenol	<1.62	U	10.0	1.62	ug/L		03/03/25 13:49	03/04/25 14:39	1
3 & 4 Methylphenol	<2.62	U	10.0	2.62	ug/L		03/03/25 13:49	03/04/25 14:39	1
Naphthalene	<2.50	U	2.50	2.50	ug/L		03/03/25 13:49	03/04/25 14:39	1
Nitrobenzene	<1.66	U	5.00	1.66	ug/L		03/03/25 13:49	03/04/25 14:39	1
2-Nitrophenol	<1.67	U	10.0	1.67	ug/L		03/03/25 13:49	03/04/25 14:39	1
4-Nitrophenol	<2.36	U	7.20	2.36	ug/L		03/03/25 13:49	03/04/25 14:39	1
N-Nitrosodiethylamine	<1.75	U	10.0	1.75	ug/L		03/03/25 13:49	03/04/25 14:39	1
N-Nitrosodimethylamine	<2.02	U	10.0	2.02	ug/L		03/03/25 13:49	03/04/25 14:39	1
N-Nitrosodi-n-butylamine	<1.49	U	10.0	1.49	ug/L		03/03/25 13:49	03/04/25 14:39	1
N-Nitrosodi-n-propylamine	<2.88	U	10.0	2.88	ug/L		03/03/25 13:49	03/04/25 14:39	1
N-Nitrosodiphenylamine	<1.81	U	10.0	1.81	ug/L		03/03/25 13:49	03/04/25 14:39	1
4-Nonylphenol	<10.0	U	10.0	10.0	ug/L		03/03/25 13:49	03/04/25 14:39	1
2,2'-oxybis[1-chloropropane]	<1.79	U	10.0	1.79	ug/L		03/03/25 13:49	03/04/25 14:39	1
Pentachlorobenzene	<1.07	U	10.0	1.07	ug/L		03/03/25 13:49	03/04/25 14:39	1
Pentachlorophenol	<0.234	U	10.0	0.234	ug/L		03/03/25 13:49	03/04/25 14:39	1
Phenanthrene	<1.42	U	10.0	1.42	ug/L		03/03/25 13:49	03/04/25 14:39	1
Phenol	<0.423	U	4.50	0.423	ug/L		03/03/25 13:49	03/04/25 14:39	1
Pyrene	<0.178	U	5.00	0.178	ug/L		03/03/25 13:49	03/04/25 14:39	1
Pyridine	<10.0	U	10.0	10.0	ug/L		03/03/25 13:49	03/04/25 14:39	1
1,2,4,5-Tetrachlorobenzene	<1.32	U	10.0	1.32	ug/L		03/03/25 13:49	03/04/25 14:39	1
Total Cresols	<2.62	U	10.0	2.62	ug/L		03/03/25 13:49	03/04/25 14:39	1
1,2,4-Trichlorobenzene	<1.61	U	5.00	1.61	ug/L		03/03/25 13:49	03/04/25 14:39	1
2,4,5-Trichlorophenol	<2.00	U	10.0	2.00	ug/L		03/03/25 13:49	03/04/25 14:39	1
2,4,6-Trichlorophenol	<1.42	U	5.00	1.42	ug/L		03/03/25 13:49	03/04/25 14:39	1
Bisphenol-A	<10.0	U	10.0	10.0	ug/L		03/03/25 13:49	03/04/25 14:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*62*		*31 - 132*	*03/03/25 13:49*	*03/04/25 14:39*	*1*
2-Fluorobiphenyl (Surr)	*116*	*S1+*	*29 - 112*	*03/03/25 13:49*	*03/04/25 14:39*	*1*
2-Fluorophenol (Surr)	*88*		*28 - 114*	*03/03/25 13:49*	*03/04/25 14:39*	*1*
Nitrobenzene-d5 (Surr)	*122*		*15 - 314*	*03/03/25 13:49*	*03/04/25 14:39*	*1*
p-Terphenyl-d14 (Surr)	*122*		*20 - 141*	*03/03/25 13:49*	*03/04/25 14:39*	*1*

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

Lab Sample ID: MB 860-219948/1-A
Matrix: Water
Analysis Batch: 219508

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 219948

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Phenol-d5 (Surr)	74		8 - 424	03/03/25 13:49	03/04/25 14:39	1

Lab Sample ID: LCS 860-219948/2-A
Matrix: Water
Analysis Batch: 219508

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 219948

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	40.0	50.74		ug/L		127	60 - 132
Acenaphthylene	40.0	55.25	*+	ug/L		138	54 - 126
Anthracene	40.0	56.62	*+	ug/L		142	43 - 120
Azobenzene	40.0	61.33	*+	ug/L		153	28 - 136
Benzidine	40.0	<20.0	U *-	ug/L		14	25 - 125
Benzo[a]anthracene	40.0	55.27	*+	ug/L		138	42 - 133
Benzo[a]pyrene	40.0	63.16	*+	ug/L		158	32 - 148
Benzo[b]fluoranthene	40.0	65.79	*+	ug/L		164	42 - 140
Benzo[g,h,i]perylene	40.0	58.93		ug/L		147	13 - 195
Benzo[k]fluoranthene	40.0	65.99	*+	ug/L		165	25 - 146
Bis(2-chloroethoxy)methane	40.0	42.23		ug/L		106	49 - 165
Bis(2-chloroethyl)ether	40.0	39.46		ug/L		99	43 - 126
Bis(2-ethylhexyl) phthalate	40.0	27.36		ug/L		68	29 - 137
4-Bromophenyl phenyl ether	40.0	54.72	*+	ug/L		137	65 - 120
Butyl benzyl phthalate	40.0	22.05		ug/L		55	12 - 140
4-Chloro-3-methylphenol	40.0	50.10		ug/L		125	41 - 128
2-Chloronaphthalene	40.0	53.06	*+	ug/L		133	65 - 120
2-Chlorophenol	40.0	38.69		ug/L		97	36 - 120
4-Chlorophenyl phenyl ether	40.0	54.71		ug/L		137	38 - 145
Chrysene	40.0	57.06	*+	ug/L		143	44 - 140
Dibenz(a,h)anthracene	40.0	64.12		ug/L		160	16 - 200
3,3'-Dichlorobenzidine	40.0	14.95		ug/L		37	18 - 213
2,4-Dichlorophenol	40.0	49.71	*+	ug/L		124	53 - 122
Diethyl phthalate	40.0	45.57		ug/L		114	17 - 120
2,4-Dimethylphenol	40.0	39.72		ug/L		99	42 - 120
Dimethyl phthalate	40.0	47.59		ug/L		119	25 - 120
Di-n-butyl phthalate	40.0	30.00		ug/L		75	8 - 120
4,6-Dinitro-2-methylphenol	40.0	49.43		ug/L		124	53 - 130
2,4-Dinitrophenol	40.0	39.97		ug/L		100	12 - 173
2,4-Dinitrotoluene	40.0	47.51		ug/L		119	48 - 127
2,6-Dinitrotoluene	40.0	45.86		ug/L		115	68 - 137
Di-n-octyl phthalate	40.0	31.00		ug/L		78	19 - 132
1,2-Diphenylhydrazine	40.0	61.33	*+	ug/L		153	28 - 136
Fluoranthene	40.0	53.77	*+	ug/L		134	43 - 121
Fluorene	40000	53090	*+	ppt		133	70 - 120
Hexachlorobenzene	40.0	53.60		ug/L		134	8 - 142
Hexachlorobutadiene	40.0	57.30	*+	ug/L		143	38 - 120
Hexachlorocyclopentadiene	40.0	66.49	*+	ug/L		166	41 - 125
Hexachloroethane	40.0	55.29	*+	ug/L		138	55 - 120
Indeno[1,2,3-cd]pyrene	40.0	67.82	*+	ug/L		170	13 - 151
Isophorone	40.0	40.39		ug/L		101	47 - 180

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

Lab Sample ID: LCS 860-219948/2-A
Matrix: Water
Analysis Batch: 219508

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 219948

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Methylphenol	40.0	35.81		ug/L		90	14 - 176
3 & 4 Methylphenol	40.0	37.18		ug/L		93	14 - 176
Naphthalene	40.0	50.43	*+	ug/L		126	36 - 120
Nitrobenzene	40.0	54.65		ug/L		137	54 - 158
2-Nitrophenol	40.0	37.09		ug/L		93	45 - 167
4-Nitrophenol	40.0	49.32		ug/L		123	13 - 129
N-Nitrosodiethylamine	40.0	49.84		ug/L		125	30 - 160
N-Nitrosodimethylamine	40.0	39.79		ug/L		99	20 - 125
N-Nitrosodi-n-butylamine	40.0	31.13		ug/L		78	33 - 141
N-Nitrosodi-n-propylamine	40.0	33.68		ug/L		84	14 - 198
N-Nitrosodiphenylamine	40.0	46.07		ug/L		115	2 - 196
2,2'-oxybis[1-chloropropane]	40.0	34.03		ug/L		85	63 - 139
Pentachlorobenzene	40.0	51.58		ug/L		129	25 - 131
Pentachlorophenol	40.0	49.99		ug/L		125	38 - 152
Phenanthrene	40.0	53.80	*+	ug/L		135	65 - 120
Phenol	40.0	37.24		ug/L		93	17 - 120
Pyrene	40.0	52.48	*+	ug/L		131	70 - 120
Pyridine	80.0	54.91		ug/L		69	5 - 94
1,2,4,5-Tetrachlorobenzene	40.0	52.17	*+	ug/L		130	41 - 125
1,2,4-Trichlorobenzene	40.0	50.19		ug/L		125	57 - 130
2,4,5-Trichlorophenol	40.0	49.93	*+	ug/L		125	35 - 111
2,4,6-Trichlorophenol	40.0	54.97	*+	ug/L		137	52 - 129
Bisphenol-A	40.0	13.74	*-	ug/L		34	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*121*		*31 - 132*
2-Fluorobiphenyl (Surr)	*145*	*S1+*	*29 - 112*
2-Fluorophenol (Surr)	*107*		*28 - 114*
Nitrobenzene-d5 (Surr)	*153*		*15 - 314*
p-Terphenyl-d14 (Surr)	*154*	*S1+*	*20 - 141*
Phenol-d5 (Surr)	*97*		*8 - 424*

Lab Sample ID: LCSD 860-219948/3-A
Matrix: Water
Analysis Batch: 219508

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 219948

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	40.0	44.35		ug/L		111	60 - 132	13	29
Acenaphthylene	40.0	48.67		ug/L		122	54 - 126	13	30
Anthracene	40.0	49.47	*+	ug/L		124	43 - 120	13	30
Azobenzene	40.0	54.41		ug/L		136	28 - 136	12	30
Benzidine	40.0	<20.0	U *-	ug/L		14	25 - 125	4	30
Benzo[a]anthracene	40.0	48.16		ug/L		120	42 - 133	14	30
Benzo[a]pyrene	40.0	55.68		ug/L		139	32 - 148	13	30
Benzo[b]fluoranthene	40.0	56.89	*+	ug/L		142	42 - 140	15	30
Benzo[g,h,i]perylene	40.0	51.36		ug/L		128	13 - 195	14	30
Benzo[k]fluoranthene	40.0	57.04		ug/L		143	25 - 146	15	30
Bis(2-chloroethoxy)methane	40.0	38.56		ug/L		96	49 - 165	9	30

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

Lab Sample ID: LCSD 860-219948/3-A
Matrix: Water
Analysis Batch: 219508

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 219948

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bis(2-chloroethyl)ether	40.0	35.82		ug/L		90	43 - 126	10	30
Bis(2-ethylhexyl) phthalate	40.0	24.59		ug/L		61	29 - 137	11	30
4-Bromophenyl phenyl ether	40.0	47.99		ug/L		120	65 - 120	13	26
Butyl benzyl phthalate	40.0	19.59		ug/L		49	12 - 140	12	30
4-Chloro-3-methylphenol	40.0	44.08		ug/L		110	41 - 128	13	30
2-Chloronaphthalene	40.0	46.85		ug/L		117	65 - 120	12	15
2-Chlorophenol	40.0	36.89		ug/L		92	36 - 120	5	30
4-Chlorophenyl phenyl ether	40.0	46.82		ug/L		117	38 - 145	16	30
Chrysene	40.0	48.94		ug/L		122	44 - 140	15	30
Dibenz(a,h)anthracene	40.0	56.45		ug/L		141	16 - 200	13	30
3,3'-Dichlorobenzidine	40.0	14.81		ug/L		37	18 - 213	1	30
2,4-Dichlorophenol	40.0	45.27		ug/L		113	53 - 122	9	30
Diethyl phthalate	40.0	39.21		ug/L		98	17 - 120	15	30
2,4-Dimethylphenol	40.0	36.13		ug/L		90	42 - 120	9	30
Dimethyl phthalate	40.0	42.31		ug/L		106	25 - 120	12	30
Di-n-butyl phthalate	40.0	26.21		ug/L		66	8 - 120	14	28
4,6-Dinitro-2-methylphenol	40.0	44.01		ug/L		110	53 - 130	12	30
2,4-Dinitrophenol	40.0	36.67		ug/L		92	12 - 173	9	30
2,4-Dinitrotoluene	40.0	41.72		ug/L		104	48 - 127	13	25
2,6-Dinitrotoluene	40.0	40.45		ug/L		101	68 - 137	13	29
Di-n-octyl phthalate	40.0	27.73		ug/L		69	19 - 132	11	30
1,2-Diphenylhydrazine	40.0	54.41		ug/L		136	28 - 136	12	30
Fluoranthene	40.0	46.68		ug/L		117	43 - 121	14	30
Fluorene	40000	46880		ppt		117	70 - 120	12	23
Hexachlorobenzene	40.0	46.40		ug/L		116	8 - 142	14	30
Hexachlorobutadiene	40.0	50.91	*+	ug/L		127	38 - 120	12	30
Hexachlorocyclopentadiene	40.0	62.50	*+	ug/L		156	41 - 125	6	30
Hexachloroethane	40.0	48.30	*+	ug/L		121	55 - 120	13	30
Indeno[1,2,3-cd]pyrene	40.0	59.00		ug/L		148	13 - 151	14	30
Isophorone	40.0	37.53		ug/L		94	47 - 180	7	30
2-Methylphenol	40.0	34.20		ug/L		85	14 - 176	5	30
3 & 4 Methylphenol	40.0	33.69		ug/L		84	14 - 176	10	30
Naphthalene	40.0	44.54		ug/L		111	36 - 120	12	30
Nitrobenzene	40.0	48.48		ug/L		121	54 - 158	12	30
2-Nitrophenol	40.0	36.28		ug/L		91	45 - 167	2	30
4-Nitrophenol	40.0	41.98		ug/L		105	13 - 129	16	30
N-Nitrosodiethylamine	40.0	46.44		ug/L		116	30 - 160	7	30
N-Nitrosodimethylamine	40.0	38.91		ug/L		97	20 - 125	2	30
N-Nitrosodi-n-butylamine	40.0	28.35		ug/L		71	33 - 141	9	30
N-Nitrosodi-n-propylamine	40.0	31.12		ug/L		78	14 - 198	8	30
N-Nitrosodiphenylamine	40.0	40.83		ug/L		102	2 - 196	12	30
2,2'-oxybis[1-chloropropane]	40.0	29.67		ug/L		74	63 - 139	14	30
Pentachlorobenzene	40.0	44.77		ug/L		112	25 - 131	14	30
Pentachlorophenol	40.0	44.74		ug/L		112	38 - 152	11	30
Phenanthrene	40.0	48.69	*+	ug/L		122	65 - 120	10	30
Phenol	40.0	35.45		ug/L		89	17 - 120	5	30
Pyrene	40.0	45.13		ug/L		113	70 - 120	15	30
Pyridine	80.0	49.99		ug/L		62	5 - 94	9	30
1,2,4,5-Tetrachlorobenzene	40.0	47.35		ug/L		118	41 - 125	10	30

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

Lab Sample ID: LCSD 860-219948/3-A
Matrix: Water
Analysis Batch: 219508

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 219948

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene			40.0	46.79		ug/L		117	57 - 130	7	30
2,4,5-Trichlorophenol			40.0	46.37	*+	ug/L		116	35 - 111	7	30
2,4,6-Trichlorophenol			40.0	49.68		ug/L		124	52 - 129	10	30
Bisphenol-A			40.0	12.14	*-	ug/L		30	70 - 130	12	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*107*		*31 - 132*
2-Fluorobiphenyl (Surr)	*126*	*S1+*	*29 - 112*
2-Fluorophenol (Surr)	*106*		*28 - 114*
Nitrobenzene-d5 (Surr)	*135*		*15 - 314*
p-Terphenyl-d14 (Surr)	*130*		*20 - 141*
Phenol-d5 (Surr)	*91*		*8 - 424*

Method: 608.3 - Organochlorine Pesticides in Water

Lab Sample ID: MB 860-220428/1-A
Matrix: Water
Analysis Batch: 220734

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 220428

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	<0.00125	U	0.0100	0.00125	ug/L		03/05/25 08:32	03/06/25 11:42	1
alpha-BHC	<0.000625	U	0.00500	0.000625	ug/L		03/05/25 08:32	03/06/25 11:42	1
beta-BHC	<0.00125	U	0.0100	0.00125	ug/L		03/05/25 08:32	03/06/25 11:42	1
delta-BHC	<0.00250	U	0.0200	0.00250	ug/L		03/05/25 08:32	03/06/25 11:42	1
gamma-BHC (Lindane)	<0.00344	U	0.0100	0.00344	ug/L		03/05/25 08:32	03/06/25 11:42	1
4,4'-DDD	<0.00250	U	0.0200	0.00250	ug/L		03/05/25 08:32	03/06/25 11:42	1
4,4'-DDE	<0.00125	U	0.0100	0.00125	ug/L		03/05/25 08:32	03/06/25 11:42	1
4,4'-DDT	<0.00250	U	0.0200	0.00250	ug/L		03/05/25 08:32	03/06/25 11:42	1
Dieldrin	<0.000625	U	0.00500	0.000625	ug/L		03/05/25 08:32	03/06/25 11:42	1
Endosulfan I	<0.00125	U	0.0100	0.00125	ug/L		03/05/25 08:32	03/06/25 11:42	1
Endosulfan II	<0.00125	U	0.0100	0.00125	ug/L		03/05/25 08:32	03/06/25 11:42	1
Endosulfan sulfate	<0.00559	U	0.0500	0.00559	ug/L		03/05/25 08:32	03/06/25 11:42	1
Endrin	<0.00250	U	0.0200	0.00250	ug/L		03/05/25 08:32	03/06/25 11:42	1
Endrin aldehyde	<0.00592	U	0.0500	0.00592	ug/L		03/05/25 08:32	03/06/25 11:42	1
Dicofol	<0.000500	U	0.000500	0.000500	mg/L		03/05/25 08:32	03/06/25 11:42	1
Heptachlor	<0.00169	U	0.00500	0.00169	ug/L		03/05/25 08:32	03/06/25 11:42	1
Heptachlor epoxide	<0.00125	U	0.0100	0.00125	ug/L		03/05/25 08:32	03/06/25 11:42	1
Toxaphene	<0.0780	U	0.200	0.0780	ug/L		03/05/25 08:32	03/06/25 11:42	1
Chlordane	<0.0250	U	0.200	0.0250	ug/L		03/05/25 08:32	03/06/25 11:42	1
Methoxychlor	<0.0000125	U	0.000100	0.0000125	mg/L		03/05/25 08:32	03/06/25 11:42	1
Mirex	<0.0000200	U	0.0000200	0.0000200	mg/L		03/05/25 08:32	03/06/25 11:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*109*		*15 - 136*	*03/05/25 08:32*	*03/06/25 11:42*	*1*
Tetrachloro-m-xylene	*78*		*18 - 126*	*03/05/25 08:32*	*03/06/25 11:42*	*1*

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Lab Sample ID: LCS 860-220428/2-A
Matrix: Water
Analysis Batch: 220734

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 220428

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aldrin			0.100	0.08679		ug/L		87	42 - 140		
alpha-BHC			0.100	0.09208		ug/L		92	37 - 140		
beta-BHC			0.100	0.09823		ug/L		98	17 - 147		
delta-BHC			0.100	0.09933		ug/L		99	19 - 140		
gamma-BHC (Lindane)			0.100	0.09701		ug/L		97	34 - 140		
4,4'-DDD			0.100	0.1018		ug/L		102	31 - 141		
4,4'-DDE			0.100	0.07858		ug/L		79	30 - 145		
4,4'-DDT			0.100	0.1161		ug/L		116	25 - 160		
Dieldrin			0.100	0.09711		ug/L		97	36 - 146		
Endosulfan I			0.100	0.1193		ug/L		119	45 - 153		
Endosulfan II			0.100	0.1130		ug/L		113	22 - 171		
Endosulfan sulfate			0.100	0.1064		ug/L		106	26 - 144		
Endrin			0.100	0.1306		ug/L		131	30 - 147		
Endrin aldehyde			0.100	0.08878		ug/L		89	60 - 130		
Heptachlor			0.100	0.1026		ug/L		103	34 - 140		
Heptachlor epoxide			0.100	0.09616		ug/L		96	37 - 142		
Methoxychlor			0.000100	0.0001168		mg/L		117	50 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*108*		*15 - 136*
Tetrachloro-m-xylene	*93*		*18 - 126*

Lab Sample ID: LCSD 860-220428/3-A
Matrix: Water
Analysis Batch: 220734

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 220428

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aldrin			0.100	0.07794		ug/L		78	42 - 140	11	30
alpha-BHC			0.100	0.08499		ug/L		85	37 - 140	8	30
beta-BHC			0.100	0.09422		ug/L		94	17 - 147	4	30
delta-BHC			0.100	0.09435		ug/L		94	19 - 140	5	30
gamma-BHC (Lindane)			0.100	0.08765		ug/L		88	34 - 140	10	30
4,4'-DDD			0.100	0.09499		ug/L		95	31 - 141	7	30
4,4'-DDE			0.100	0.07126		ug/L		71	30 - 145	10	30
4,4'-DDT			0.100	0.1093		ug/L		109	25 - 160	6	30
Dieldrin			0.100	0.09130		ug/L		91	36 - 146	6	30
Endosulfan I			0.100	0.1095		ug/L		109	45 - 153	9	30
Endosulfan II			0.100	0.1069		ug/L		107	22 - 171	6	30
Endosulfan sulfate			0.100	0.1011		ug/L		101	26 - 144	5	30
Endrin			0.100	0.1225		ug/L		123	30 - 147	6	30
Endrin aldehyde			0.100	0.08404		ug/L		84	60 - 130	5	30
Heptachlor			0.100	0.09494		ug/L		95	34 - 140	8	30
Heptachlor epoxide			0.100	0.08844		ug/L		88	37 - 142	8	30
Methoxychlor			0.000100	0.0001141		mg/L		114	50 - 130	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*102*		*15 - 136*
Tetrachloro-m-xylene	*88*		*18 - 126*

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

Lab Sample ID: MB 860-220428/1-A
Matrix: Water
Analysis Batch: 220823

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 220428

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0443	U	0.100	0.0443	ug/L		03/05/25 08:32	03/07/25 00:37	1
PCB-1242	<0.0443	U	0.100	0.0443	ug/L		03/05/25 08:32	03/07/25 00:37	1
PCB-1254	<0.0390	U	0.100	0.0390	ug/L		03/05/25 08:32	03/07/25 00:37	1
PCB-1221	<0.0443	U	0.100	0.0443	ug/L		03/05/25 08:32	03/07/25 00:37	1
PCB-1232	<0.0443	U	0.100	0.0443	ug/L		03/05/25 08:32	03/07/25 00:37	1
PCB-1248	<0.0443	U	0.100	0.0443	ug/L		03/05/25 08:32	03/07/25 00:37	1
PCB-1260	<0.0390	U	0.100	0.0390	ug/L		03/05/25 08:32	03/07/25 00:37	1
Polychlorinated biphenyls, Total	<0.0390	U	0.100	0.0390	ug/L		03/05/25 08:32	03/07/25 00:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*99*		*18 - 126*	*03/05/25 08:32*	*03/07/25 00:37*	*1*

Lab Sample ID: LCS 860-220428/4-A
Matrix: Water
Analysis Batch: 220823

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 220428

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			1.00	1.058	*+	ug/L		106	61 - 103		
PCB-1260			1.00	1.151		ug/L		115	37 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*110*		*18 - 126*

Lab Sample ID: LCSD 860-220428/5-A
Matrix: Water
Analysis Batch: 220823

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 220428

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016			1.00	1.069	*+	ug/L		107	61 - 103	1	24
PCB-1260			1.00	1.215		ug/L		122	37 - 130	5	28

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*109*		*18 - 126*

Method: 615 - Herbicides (GC)

Lab Sample ID: MB 860-220040/1-A
Matrix: Water
Analysis Batch: 220466

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 220040

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	<0.0000539	U	0.000200	0.0000539	mg/L		03/03/25 17:37	03/05/25 11:14	1
Hexachlorophene	<0.000808	U	0.00500	0.000808	mg/L		03/03/25 17:37	03/05/25 11:14	1
Silvex (2,4,5-TP)	<0.0000422	U	0.000200	0.0000422	mg/L		03/03/25 17:37	03/05/25 11:14	1
Dalapon	<0.0000476	U	0.000200	0.0000476	mg/L		03/03/25 17:37	03/05/25 11:14	1
Dicamba	<0.0000423	U	0.000200	0.0000423	mg/L		03/03/25 17:37	03/05/25 11:14	1
Dinoseb	<0.0000343	U	0.000200	0.0000343	mg/L		03/03/25 17:37	03/05/25 11:14	1
Pentachlorophenol	<0.0000443	U	0.000200	0.0000443	mg/L		03/03/25 17:37	03/05/25 11:14	1

Method: 615 - Herbicides (GC) (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	76		45 - 150	03/03/25 17:37	03/05/25 11:14	1

Lab Sample ID: LCS 860-220040/2-A
Matrix: Water
Analysis Batch: 220466

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 220040

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4-D	0.00200	0.002075		mg/L		104	55 - 145
Silvex (2,4,5-TP)	0.00200	0.002176		mg/L		109	55 - 140
Dalapon	0.00200	0.002000		mg/L		100	50 - 150
Dicamba	0.00200	0.002017		mg/L		101	55 - 135
Dinoseb	0.00200	<0.0000343	U *-	mg/L		0.1	20 - 100
Pentachlorophenol	0.00200	0.001864		mg/L		93	50 - 135

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4-Dichlorophenylacetic acid	109		45 - 150

Lab Sample ID: LCS 860-220040/4-A
Matrix: Water
Analysis Batch: 220466

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 220040

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Hexachlorophene	0.00800	0.004880	J	mg/L		61	60 - 135

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4-Dichlorophenylacetic acid	70		45 - 150

Lab Sample ID: LCSD 860-220040/3-A
Matrix: Water
Analysis Batch: 220466

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 220040

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4-D	0.00200	0.001821		mg/L		91	55 - 145	13	25
Silvex (2,4,5-TP)	0.00200	0.001924		mg/L		96	55 - 140	12	25
Dalapon	0.00200	0.001720		mg/L		86	50 - 150	15	25
Dicamba	0.00200	0.001756		mg/L		88	55 - 135	14	25
Dinoseb	0.00200	<0.0000343	U *- *1	mg/L		0.08	20 - 100	41	25
Pentachlorophenol	0.00200	0.001647		mg/L		82	50 - 135	12	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4-Dichlorophenylacetic acid	92		45 - 150

Lab Sample ID: LCSD 860-220040/5-A
Matrix: Water
Analysis Batch: 220466

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 220040

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Hexachlorophene	0.00800	0.005294		mg/L		66	60 - 135	8	25

Method: 615 - Herbicides (GC) (Continued)

Lab Sample ID: LCSD 860-220040/5-A
Matrix: Water
Analysis Batch: 220466

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 220040

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4-Dichlorophenylacetic acid	73		45 - 150

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

Lab Sample ID: MB 860-219904/10
Matrix: Water
Analysis Batch: 219904

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene glycol	<1.22	U	5.00	1.22	mg/L			03/03/25 12:45	1
Propylene glycol	<1.84	U	5.00	1.84	mg/L			03/03/25 12:45	1

Method: 632 - Carbamate and Urea Pesticides (HPLC)

Lab Sample ID: MB 860-220281/1-A
Matrix: Water
Analysis Batch: 220464

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 220281

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbaryl	<1.85	U	5.00	1.85	ug/L		03/04/25 13:54	03/05/25 12:50	1
Diuron	<0.0514	U	0.0900	0.0514	ug/L		03/04/25 13:54	03/05/25 12:50	1

Lab Sample ID: LCS 860-220281/2-A
Matrix: Water
Analysis Batch: 220464

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 220281

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Carbaryl	100	106.5		ug/L		107	70 - 130
Diuron	2.00	1.989		ug/L		99	70 - 130

Lab Sample ID: LCSD 860-220281/3-A
Matrix: Water
Analysis Batch: 220464

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 220281

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Carbaryl	100	106.4		ug/L		106	70 - 130	0	20
Diuron	2.00	1.995		ug/L		100	70 - 130	0	20

Method: 1613B - Tetra Chlorinated Dioxin (GC/MS/MS)

Lab Sample ID: MBL 380-139033/21-A
Matrix: Water
Analysis Batch: 139270

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 139033

Analyte	MBL Result	MBL Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	<2.07	U	4.93	2.07	pg/L		03/03/25 04:37	03/03/25 19:38	1

Isotope Dilution	MBL %Recovery	MBL Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C-2,3,7,8-TCDD	59		31 - 137	03/03/25 04:37	03/03/25 19:38	1

Method: 1613B - Tetra Chlorinated Dioxin (GC/MS/MS) (Continued)

Lab Sample ID: LCS 380-139033/19-A
Matrix: Water
Analysis Batch: 139270

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 139033

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
2,3,7,8-TCDD			197	180.8		pg/L		92	73 - 146		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C-2,3,7,8-TCDD	*60*		*25 - 141*

Lab Sample ID: LCSD 380-139033/20-A
Matrix: Water
Analysis Batch: 139270

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 139033

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,3,7,8-TCDD			197	168.8		pg/L		86	73 - 146	7	20

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
13C-2,3,7,8-TCDD	*65*		*25 - 141*

Lab Sample ID: MRL 380-139033/22-A
Matrix: Water
Analysis Batch: 139270

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 139033

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
2,3,7,8-TCDD			4.93	4.151	J	pg/L		84	50 - 150		

Isotope Dilution	*MRL %Recovery*	*MRL Qualifier*	*Limits*
13C-2,3,7,8-TCDD	*66*		*25 - 141*

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 860-220982/1-A
Matrix: Water
Analysis Batch: 221165

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 220982

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr	<0.000890	U	0.00300	0.000890	mg/L		03/07/25 07:46	03/07/25 16:08	1

Lab Sample ID: LCS 860-220982/2-A
Matrix: Water
Analysis Batch: 221165

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 220982

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cr			0.100	0.1014		mg/L		101	85 - 115		

Lab Sample ID: LCSD 860-220982/3-A
Matrix: Water
Analysis Batch: 221165

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 220982

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr			0.100	0.1011		mg/L		101	85 - 115	0	20

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: LLCS 860-220982/4-A
Matrix: Water
Analysis Batch: 221165

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 220982

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cr			0.00400	0.003302		mg/L		83	50 - 150		

Method: 420.4 - Phenolics, Total Recoverable

Lab Sample ID: MB 860-220873/16
Matrix: Water
Analysis Batch: 220873

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total	<5.80	U	10.0	5.80	ug/L			03/05/25 18:41	1

Lab Sample ID: LCS 860-220873/57
Matrix: Water
Analysis Batch: 220873

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Phenols, Total			100	106.7		ug/L		107	90 - 110		

Lab Sample ID: LCSD 860-220873/58
Matrix: Water
Analysis Batch: 220873

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
Phenols, Total			100	107.4		ug/L		107	90 - 110	1	20

Method: 4500 CN G NonAm - Cyanide, Non-amenable

Lab Sample ID: MB 860-219679/4-A
Matrix: Water
Analysis Batch: 219759

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 219679

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Non-amenable	<2.33	U	5.00	2.33	ug/L		02/28/25 16:03	02/28/25 18:24	1

Lab Sample ID: 870-34261-4 DU
Matrix: Water
Analysis Batch: 219759

Client Sample ID: 2509002-06 Effluent G
Prep Type: Total/NA
Prep Batch: 219679

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Cyanide, Non-amenable	<2.33	U		<2.33	U	ug/L				NC	20

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

Lab Sample ID: MB 860-221070/24
Matrix: Water
Analysis Batch: 221070

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.00198	U	0.00500	0.00198	mg/L			03/06/25 19:10	1

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

Lab Sample ID: LCS 860-221070/25
Matrix: Water
Analysis Batch: 221070

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	0.1040		mg/L		104	90 - 110

Lab Sample ID: LCSD 860-221070/26
Matrix: Water
Analysis Batch: 221070

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	0.1001		mg/L		100	90 - 110	4	20

Lab Sample ID: LLCS 860-221070/27
Matrix: Water
Analysis Batch: 221070

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	0.005734		mg/L		115	50 - 150

Method: SM 3500 CR B - Chromium, Hexavalent

Lab Sample ID: MB 870-26763/9
Matrix: Water
Analysis Batch: 26763

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	<0.00280	U	0.0100	0.00280	mg/L			02/27/25 17:37	1

Lab Sample ID: LCS 870-26763/10
Matrix: Water
Analysis Batch: 26763

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium, hexavalent	0.499	0.5119		mg/L		103	85 - 115

Lab Sample ID: 870-34261-4 MS
Matrix: Water
Analysis Batch: 26763

Client Sample ID: 2509002-06 Effluent G
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium, hexavalent	0.00359	J	0.499	0.5143		mg/L		102	85 - 115

Lab Sample ID: 870-34261-4 MSD
Matrix: Water
Analysis Batch: 26763

Client Sample ID: 2509002-06 Effluent G
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium, hexavalent	0.00359	J	0.499	0.4997		mg/L		100	85 - 115	3	20

GC/MS VOA

Analysis Batch: 219795

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-34261-2	2509002-03 Influent G	Total/NA	Water	624.1	
870-34261-4	2509002-06 Effluent G	Total/NA	Water	624.1	
MB 860-219795/9	Method Blank	Total/NA	Water	624.1	
LCS 860-219795/3	Lab Control Sample	Total/NA	Water	624.1	
LCSD 860-219795/4	Lab Control Sample Dup	Total/NA	Water	624.1	

GC/MS Semi VOA

Analysis Batch: 219508

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-34261-1	2509002-01 Influent TC	Total/NA	Water	625.1	219948
870-34261-3	2509002-04 Effluent TC	Total/NA	Water	625.1	219948
MB 860-219948/1-A	Method Blank	Total/NA	Water	625.1	219948
LCS 860-219948/2-A	Lab Control Sample	Total/NA	Water	625.1	219948
LCSD 860-219948/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	219948

Prep Batch: 219948

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-34261-1	2509002-01 Influent TC	Total/NA	Water	625	
870-34261-3	2509002-04 Effluent TC	Total/NA	Water	625	
MB 860-219948/1-A	Method Blank	Total/NA	Water	625	
LCS 860-219948/2-A	Lab Control Sample	Total/NA	Water	625	
LCSD 860-219948/3-A	Lab Control Sample Dup	Total/NA	Water	625	

Analysis Batch: 220575

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-34261-1 - RE	2509002-01 Influent TC	Total/NA	Water	625.1	220661
870-34261-3 - RE	2509002-04 Effluent TC	Total/NA	Water	625.1	220661
MB 860-220661/1-A	Method Blank	Total/NA	Water	625.1	220661
LCS 860-220661/2-A	Lab Control Sample	Total/NA	Water	625.1	220661
LCSD 860-220661/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	220661

Prep Batch: 220661

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-34261-1 - RE	2509002-01 Influent TC	Total/NA	Water	625	
870-34261-3 - RE	2509002-04 Effluent TC	Total/NA	Water	625	
MB 860-220661/1-A	Method Blank	Total/NA	Water	625	
LCS 860-220661/2-A	Lab Control Sample	Total/NA	Water	625	
LCSD 860-220661/3-A	Lab Control Sample Dup	Total/NA	Water	625	

GC Semi VOA

Analysis Batch: 219904

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-34261-1	2509002-01 Influent TC	Total/NA	Water	8015D	
870-34261-3	2509002-04 Effluent TC	Total/NA	Water	8015D	
MB 860-219904/10	Method Blank	Total/NA	Water	8015D	

Prep Batch: 220040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-34261-1	2509002-01 Influent TC	Total/NA	Water	3511	
870-34261-3	2509002-04 Effluent TC	Total/NA	Water	3511	

GC Semi VOA (Continued)

Prep Batch: 220040 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-220040/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-220040/2-A	Lab Control Sample	Total/NA	Water	3511	
LCS 860-220040/4-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-220040/3-A	Lab Control Sample Dup	Total/NA	Water	3511	
LCSD 860-220040/5-A	Lab Control Sample Dup	Total/NA	Water	3511	

Prep Batch: 220428

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-34261-1	2509002-01 Influent TC	Total/NA	Water	608	
870-34261-3	2509002-04 Effluent TC	Total/NA	Water	608	
MB 860-220428/1-A	Method Blank	Total/NA	Water	608	
LCS 860-220428/2-A	Lab Control Sample	Total/NA	Water	608	
LCS 860-220428/4-A	Lab Control Sample	Total/NA	Water	608	
LCSD 860-220428/3-A	Lab Control Sample Dup	Total/NA	Water	608	
LCSD 860-220428/5-A	Lab Control Sample Dup	Total/NA	Water	608	

Analysis Batch: 220466

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-34261-1	2509002-01 Influent TC	Total/NA	Water	615	220040
870-34261-3	2509002-04 Effluent TC	Total/NA	Water	615	220040
MB 860-220040/1-A	Method Blank	Total/NA	Water	615	220040
LCS 860-220040/2-A	Lab Control Sample	Total/NA	Water	615	220040
LCS 860-220040/4-A	Lab Control Sample	Total/NA	Water	615	220040
LCSD 860-220040/3-A	Lab Control Sample Dup	Total/NA	Water	615	220040
LCSD 860-220040/5-A	Lab Control Sample Dup	Total/NA	Water	615	220040

Analysis Batch: 220734

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-34261-1	2509002-01 Influent TC	Total/NA	Water	608.3	220428
870-34261-3	2509002-04 Effluent TC	Total/NA	Water	608.3	220428
MB 860-220428/1-A	Method Blank	Total/NA	Water	608.3	220428
LCS 860-220428/2-A	Lab Control Sample	Total/NA	Water	608.3	220428
LCSD 860-220428/3-A	Lab Control Sample Dup	Total/NA	Water	608.3	220428

Analysis Batch: 220823

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-34261-1	2509002-01 Influent TC	Total/NA	Water	608.3	220428
870-34261-3	2509002-04 Effluent TC	Total/NA	Water	608.3	220428
MB 860-220428/1-A	Method Blank	Total/NA	Water	608.3	220428
LCS 860-220428/4-A	Lab Control Sample	Total/NA	Water	608.3	220428
LCSD 860-220428/5-A	Lab Control Sample Dup	Total/NA	Water	608.3	220428

HPLC/IC

Prep Batch: 220281

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-34261-1	2509002-01 Influent TC	Total/NA	Water	CWA_Prep	
870-34261-3	2509002-04 Effluent TC	Total/NA	Water	CWA_Prep	
MB 860-220281/1-A	Method Blank	Total/NA	Water	CWA_Prep	
LCS 860-220281/2-A	Lab Control Sample	Total/NA	Water	CWA_Prep	
LCSD 860-220281/3-A	Lab Control Sample Dup	Total/NA	Water	CWA_Prep	

HPLC/IC

Analysis Batch: 220464

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-34261-1	2509002-01 Influent TC	Total/NA	Water	632	220281
870-34261-3	2509002-04 Effluent TC	Total/NA	Water	632	220281
MB 860-220281/1-A	Method Blank	Total/NA	Water	632	220281
LCS 860-220281/2-A	Lab Control Sample	Total/NA	Water	632	220281
LCSD 860-220281/3-A	Lab Control Sample Dup	Total/NA	Water	632	220281

Specialty Organics

Prep Batch: 139033

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-34261-3	2509002-04 Effluent TC	Total/NA	Water	1613B	
MBL 380-139033/21-A	Method Blank	Total/NA	Water	1613B	
LCS 380-139033/19-A	Lab Control Sample	Total/NA	Water	1613B	
LCSD 380-139033/20-A	Lab Control Sample Dup	Total/NA	Water	1613B	
MRL 380-139033/22-A	Lab Control Sample	Total/NA	Water	1613B	

Analysis Batch: 139270

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-34261-3	2509002-04 Effluent TC	Total/NA	Water	1613B	139033
MBL 380-139033/21-A	Method Blank	Total/NA	Water	1613B	139033
LCS 380-139033/19-A	Lab Control Sample	Total/NA	Water	1613B	139033
LCSD 380-139033/20-A	Lab Control Sample Dup	Total/NA	Water	1613B	139033
MRL 380-139033/22-A	Lab Control Sample	Total/NA	Water	1613B	139033

Metals

Prep Batch: 220982

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-34261-2	2509002-03 Influent G	Total Recoverable	Water	200.8	
870-34261-4	2509002-06 Effluent G	Total Recoverable	Water	200.8	
MB 860-220982/1-A	Method Blank	Total Recoverable	Water	200.8	
LCS 860-220982/2-A	Lab Control Sample	Total Recoverable	Water	200.8	
LCSD 860-220982/3-A	Lab Control Sample Dup	Total Recoverable	Water	200.8	
LLCS 860-220982/4-A	Lab Control Sample	Total Recoverable	Water	200.8	

Analysis Batch: 221165

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-34261-2	2509002-03 Influent G	Total Recoverable	Water	200.8	220982
870-34261-4	2509002-06 Effluent G	Total Recoverable	Water	200.8	220982
MB 860-220982/1-A	Method Blank	Total Recoverable	Water	200.8	220982
LCS 860-220982/2-A	Lab Control Sample	Total Recoverable	Water	200.8	220982
LCSD 860-220982/3-A	Lab Control Sample Dup	Total Recoverable	Water	200.8	220982
LLCS 860-220982/4-A	Lab Control Sample	Total Recoverable	Water	200.8	220982

General Chemistry

Analysis Batch: 26763

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-34261-2	2509002-03 Influent G	Total/NA	Water	SM 3500 CR B	
870-34261-4	2509002-06 Effluent G	Total/NA	Water	SM 3500 CR B	
MB 870-26763/9	Method Blank	Total/NA	Water	SM 3500 CR B	
LCS 870-26763/10	Lab Control Sample	Total/NA	Water	SM 3500 CR B	

General Chemistry (Continued)

Analysis Batch: 26763 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-34261-4 MS	2509002-06 Effluent G	Total/NA	Water	SM 3500 CR B	
870-34261-4 MSD	2509002-06 Effluent G	Total/NA	Water	SM 3500 CR B	

Prep Batch: 219679

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-34261-2	2509002-03 Influent G	Total/NA	Water	Distill/CN	
870-34261-4	2509002-06 Effluent G	Total/NA	Water	Distill/CN	
MB 860-219679/4-A	Method Blank	Total/NA	Water	Distill/CN	
LCS 860-219679/5-A	Lab Control Sample	Total/NA	Water	Distill/CN	
LCSD 860-219679/6-A	Lab Control Sample Dup	Total/NA	Water	Distill/CN	
LLCS 860-219679/7-A	Lab Control Sample	Total/NA	Water	Distill/CN	
870-34261-4 DU	2509002-06 Effluent G	Total/NA	Water	Distill/CN	

Analysis Batch: 219759

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-34261-2	2509002-03 Influent G	Total/NA	Water	4500 CN G NonAm	219679
870-34261-4	2509002-06 Effluent G	Total/NA	Water	4500 CN G NonAm	219679
MB 860-219679/4-A	Method Blank	Total/NA	Water	4500 CN G NonAm	219679
LCS 860-219679/5-A	Lab Control Sample	Total/NA	Water	4500 CN G NonAm	219679
LCSD 860-219679/6-A	Lab Control Sample Dup	Total/NA	Water	4500 CN G NonAm	219679
LLCS 860-219679/7-A	Lab Control Sample	Total/NA	Water	4500 CN G NonAm	219679
870-34261-4 DU	2509002-06 Effluent G	Total/NA	Water	4500 CN G NonAm	219679

Analysis Batch: 219959

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-34261-2	2509002-03 Influent G	Total/NA	Water	SM 4500 CN G	
870-34261-4	2509002-06 Effluent G	Total/NA	Water	SM 4500 CN G	

Analysis Batch: 220873

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-34261-2	2509002-03 Influent G	Total/NA	Water	420.4	
870-34261-4	2509002-06 Effluent G	Total/NA	Water	420.4	
MB 860-220873/16	Method Blank	Total/NA	Water	420.4	
LCS 860-220873/57	Lab Control Sample	Total/NA	Water	420.4	
LCSD 860-220873/58	Lab Control Sample Dup	Total/NA	Water	420.4	

Analysis Batch: 221070

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-34261-2	2509002-03 Influent G	Total/NA	Water	Kelada 01	
870-34261-4	2509002-06 Effluent G	Total/NA	Water	Kelada 01	
MB 860-221070/24	Method Blank	Total/NA	Water	Kelada 01	
LCS 860-221070/25	Lab Control Sample	Total/NA	Water	Kelada 01	
LCSD 860-221070/26	Lab Control Sample Dup	Total/NA	Water	Kelada 01	
LLCS 860-221070/27	Lab Control Sample	Total/NA	Water	Kelada 01	

General Chemistry

Analysis Batch: 221193

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-34261-2	2509002-03 Influent G	Total/NA	Water	SM 3500 CR B	
870-34261-4	2509002-06 Effluent G	Total/NA	Water	SM 3500 CR B	

Client Sample ID: 2509002-01 Influent TC

Lab Sample ID: 870-34261-1

Date Collected: 02/27/25 09:25

Matrix: Water

Date Received: 02/27/25 16:28

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	219948	03/03/25 13:49	DR	EET HOU
Total/NA	Analysis	625.1		1	1 mL	1 mL	219508	03/04/25 18:08	PXS	EET HOU
Total/NA	Prep	625	RE		1000 mL	1 mL	220661	03/06/25 05:00	DR	EET HOU
Total/NA	Analysis	625.1	RE	1	1 mL	1 mL	220575	03/06/25 23:24	PXS	EET HOU
Total/NA	Prep	608			1000 mL	1 mL	220428	03/05/25 08:32	BH	EET HOU
Total/NA	Analysis	608.3		1			220734	03/06/25 15:06	WP	EET HOU
Total/NA	Prep	608			1000 mL	1 mL	220428	03/05/25 08:32	BH	EET HOU
Total/NA	Analysis	608.3		1	0 mL	1.0 mL	220823	03/07/25 02:56	WP	EET HOU
Total/NA	Prep	3511			49.7 mL	4 mL	220040	03/04/25 10:05	BH	EET HOU
Total/NA	Analysis	615		1			220466	03/05/25 19:10	WP	EET HOU
Total/NA	Analysis	8015D		1	1 mL	1 mL	219904	03/03/25 13:36	JBS	EET HOU
Total/NA	Prep	CWA_Prep			1000 mL	1 mL	220281	03/04/25 13:54	DR	EET HOU
Total/NA	Analysis	632		5			220464	03/07/25 11:55	AA	EET HOU

Client Sample ID: 2509002-03 Influent G

Lab Sample ID: 870-34261-2

Date Collected: 02/27/25 09:40

Matrix: Water

Date Received: 02/27/25 16:28

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		2	5 mL	5 mL	219795	03/03/25 14:36	AN	EET HOU
Total Recoverable	Prep	200.8			50 mL	50 mL	220982	03/07/25 07:47	AGR	EET HOU
Total Recoverable	Analysis	200.8		1			221165	03/07/25 16:59	DP	EET HOU
Total/NA	Analysis	420.4		1	10 mL	10 mL	220873	03/05/25 20:04	BW	EET HOU
Total/NA	Prep	Distill/CN			6 mL	6 mL	219679	02/28/25 16:03	ALL	EET HOU
Total/NA	Analysis	4500 CN G NonAm		1			219759	02/28/25 18:49	ALL	EET HOU
Total/NA	Analysis	Kelada 01		1	10 mL	10 mL	221070	03/06/25 19:54	BW	EET HOU
Total/NA	Analysis	SM 3500 CR B		1	10 mL	10 mL	26763	02/27/25 17:37	CJH	EET DAL
Total/NA	Analysis	SM 3500 CR B		1			221193	03/10/25 18:10	NR	EET HOU
Total/NA	Analysis	SM 4500 CN G		1			219959	03/07/25 13:57	MC	EET HOU

Client Sample ID: 2509002-04 Effluent TC

Lab Sample ID: 870-34261-3

Date Collected: 02/27/25 09:05

Matrix: Water

Date Received: 02/27/25 16:28

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	219948	03/03/25 13:49	DR	EET HOU
Total/NA	Analysis	625.1		1	1 mL	1 mL	219508	03/04/25 18:32	PXS	EET HOU
Total/NA	Prep	625	RE		1000 mL	1 mL	220661	03/06/25 05:00	DR	EET HOU
Total/NA	Analysis	625.1	RE	1	1 mL	1 mL	220575	03/06/25 23:47	PXS	EET HOU
Total/NA	Prep	608			1000 mL	1 mL	220428	03/05/25 08:32	BH	EET HOU
Total/NA	Analysis	608.3		2			220734	03/06/25 15:20	WP	EET HOU
Total/NA	Prep	608			1000 mL	1 mL	220428	03/05/25 08:32	BH	EET HOU
Total/NA	Analysis	608.3		2			220823	03/07/25 04:17	WP	EET HOU

Lab Chronicle

Client: North Texas Municipal Water District
Project/Site: SCX 30TAC307 + Table 3

Job ID: 870-34261-1

Client Sample ID: 2509002-04 Effluent TC

Date Collected: 02/27/25 09:05
Date Received: 02/27/25 16:28

Lab Sample ID: 870-34261-3

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			49.7 mL	4 mL	220040	03/04/25 10:05	BH	EET HOU
Total/NA	Analysis	615		1			220466	03/05/25 19:36	WP	EET HOU
Total/NA	Analysis	8015D		1	1 mL	1 mL	219904	03/03/25 13:49	JBS	EET HOU
Total/NA	Prep	CWA_Prep			1000 mL	1 mL	220281	03/04/25 13:54	DR	EET HOU
Total/NA	Analysis	632		1			220464	03/05/25 17:13	AA	EET HOU
Total/NA	Prep	1613B			1033 mL	20 uL	139033	03/03/25 04:37	U7RS	EA POM
Total/NA	Analysis	1613B		1	20 uL	20 uL	139270	03/04/25 03:06	X8AA	EA POM

Client Sample ID: 2509002-06 Effluent G

Date Collected: 02/27/25 08:45
Date Received: 02/27/25 16:28

Lab Sample ID: 870-34261-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	5 mL	5 mL	219795	03/03/25 14:56	AN	EET HOU
Total Recoverable	Prep	200.8			50 mL	50 mL	220982	03/07/25 07:47	AGR	EET HOU
Total Recoverable	Analysis	200.8		1			221165	03/07/25 17:01	DP	EET HOU
Total/NA	Analysis	420.4		1	10 mL	10 mL	220873	03/05/25 20:06	BW	EET HOU
Total/NA	Prep	Distill/CN			6 mL	6 mL	219679	02/28/25 16:03	ALL	EET HOU
Total/NA	Analysis	4500 CN G NonAm		1			219759	02/28/25 18:50	ALL	EET HOU
Total/NA	Analysis	Kelada 01		1	10 mL	10 mL	221070	03/06/25 19:51	BW	EET HOU
Total/NA	Analysis	SM 3500 CR B		1	10 mL	10 mL	26763	02/27/25 17:37	CJH	EET DAL
Total/NA	Analysis	SM 3500 CR B		1			221193	03/10/25 18:10	NR	EET HOU
Total/NA	Analysis	SM 4500 CN G		1			219959	03/07/25 13:57	MC	EET HOU

Laboratory References:

EA POM = Eurofins Eaton Analytical Pomona, 941 Corporate Center Drive, Pomona, CA 91768-2642, TEL (626)386-1100
EET DAL = Eurofins Dallas, 9701 Harry Hines Blvd, Dallas, TX 75220, TEL (214)902-0300
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
SPL = SPL Kilgore, 2600 Dudley Rd, Kilgore, TX 75662

Accreditation/Certification Summary

Client: North Texas Municipal Water District
Job ID: 870-34261-1
Project/Site: SCX 30TAC307 + Table 3

Laboratory: Eurofins Dallas

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704295	06-30-25

Laboratory: Eurofins Eaton Analytical Pomona

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	ISO/IEC 17025	5890.01 & 5890.02	06-30-25
Alabama	State	41060	06-18-25
Arizona	State	AZ0833	02-27-26
Arkansas (DW)	State	CA00006	01-31-26
California	State	2813	04-06-25
Colorado	State	CA00006	01-31-26
Connecticut	State	PH-0107	03-31-26
Delaware (DW)	State	CA00006	01-31-26
Florida	NELAP	E871024	06-30-25
Georgia (DW)	State	947	01-31-26
Guam	State	25-02R	03-31-25
Hawaii	State	CA00006	03-13-25
Hawaii (Micro)	State	CA00006	01-31-26
Idaho (DW)	State	CA00006	01-31-26
Idaho (Micro)	State	CA00006	03-31-25
Illinois	NELAP	200033	03-12-25
Indiana	State	C-CA-01	06-18-25
Kansas	NELAP	E-10268	04-30-25
Kentucky (DW)	State	KY90107	12-31-25
Louisiana (DW)	State	LA008	12-31-25
Maine	State	CA00006A	04-09-25
Maryland	State	224	03-31-26
Massachusetts	State	M-CA006	04-21-25
MI - RadChem Recognition	State	9906	06-18-25
Michigan	State	9906	06-18-25
Mississippi	State	CA2813	06-18-25
Montana (DW)	State	CERT0035	01-01-26
Nebraska	State	NE-OS-21-13	01-31-26
Nevada	State	CA00006	07-31-25
New Hampshire	NELAP	2959	03-29-25
New Jersey	NELAP	CA008	06-30-25
New Mexico	State	CA00006	01-31-26
New York	NELAP	11320	03-31-25
North Carolina (DW)	State	06701	07-31-25
North Dakota	State	R-009	01-31-24 *
Northern Mariana Islands (DW)	State	CA00006	01-31-26
Ohio	State	87786	01-31-26
Oregon	NELAP	4034	01-29-26
Pennsylvania	NELAP	68-00565	10-31-25
Puerto Rico	State	CA00006	03-25-25
Rhode Island	State	LAO00381	12-30-25
South Dakota (DW)	State	CA11320	06-18-25
Tennessee	State	TN02839	01-31-25 *
Texas	NELAP	T104704230	09-30-25

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

Accreditation/Certification Summary

Client: North Texas Municipal Water District
Job ID: 870-34261-1
Project/Site: SCX 30TAC307 + Table 3

Laboratory: Eurofins Eaton Analytical Pomona (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
USEPA UCMR 5	US Federal Programs	CA00006	12-31-25
Utah	NELAP	CA00006	01-31-26
Vermont	State	VT-0114	04-16-25
Virginia	NELAP	460260	06-14-25
Washington	State	C838	03-11-25
Wyoming	State	8-TMS-L	06-18-25

Laboratory: Eurofins Houston

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	07-01-26

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

Analysis Method	Prep Method	Matrix	Analyte
420.4		Water	Phenols, Total
4500 CN G NonAm	Distill/CN	Water	Cyanide, Non-amenable
608.3	608	Water	Dicofol
608.3	608	Water	Mirex
608.3	608	Water	Polychlorinated biphenyls, Total
615	3511	Water	Hexachlorophene
615	3511	Water	Pentachlorophenol
624.1		Water	1,2,4-Trichlorobenzene
624.1		Water	1,3-Dichloropropene, Total
624.1		Water	Epichlorohydrin
624.1		Water	Naphthalene
624.1		Water	Trihalomethanes, Total
624.1		Water	Vinyl acetate
625.1	625	Water	3 & 4 Methylphenol
625.1	625	Water	4-Nonylphenol
625.1	625	Water	Azobenzene
625.1	625	Water	Bisphenol-A
625.1	625	Water	Total Cresols
632	CWA_Prep	Water	Diuron
SM 3500 CR B		Water	Cr (III)

Method Summary

Client: North Texas Municipal Water District
Project/Site: SCX 30TAC307 + Table 3

Job ID: 870-34261-1

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
608.3	Organochlorine Pesticides in Water	EPA	EET HOU
608.3	Polychlorinated Biphenyls (PCBs) (GC)	EPA	EET HOU
615	Herbicides (GC)	EPA-01	EET HOU
8015D	Glycols- Direct Injection (GC/FID)	SW846	EET HOU
632	Carbamate and Urea Pesticides (HPLC)	EPA-01	EET HOU
1613B	Tetra Chlorinated Dioxin (GC/MS/MS)	EPA	EA POM
200.8	Metals (ICP/MS)	EPA	EET HOU
420.4	Phenolics, Total Recoverable	EPA	EET HOU
4500 CN G	Cyanide, Non-amenable	SM	EET HOU
NonAm Kelada 01	Cyanide, Total, Acid Dissociable and Thiocyanate	EPA	EET HOU
SM 3500 CR B	Chromium, Hexavalent	SM	EET DAL
SM 3500 CR B	Chromium, Trivalent	SM	EET HOU
SM 4500 CN G	Cyanide, Amenable	SM	EET HOU
Subcontract	Ana Lab - 1657 Ogano PEST	None	SPL
1613B	Solid-Phase Extraction (SPE)	EPA	EA POM
200.8	Preparation, Total Recoverable Metals	EPA	EET HOU
3511	Microextraction of Organic Compounds	SW846	EET HOU
608	Liquid-Liquid Extraction (Separatory Funnel)	EPA	EET HOU
625	Liquid-Liquid Extraction	EPA	EET HOU
CWA_Prep	Liquid-Liquid Extraction (Separatory Funnel)	EPA	EET HOU
Distill/CN	Distillation, Cyanide	None	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.
None = None
SM = "Standard Methods For The Examination Of Water And Wastewater"
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EA POM = Eurofins Eaton Analytical Pomona, 941 Corporate Center Drive, Pomona, CA 91768-2642, TEL (626)386-1100
EET DAL = Eurofins Dallas, 9701 Harry Hines Blvd, Dallas, TX 75220, TEL (214)902-0300
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
SPL = SPL Kilgore, 2600 Dudley Rd, Kilgore, TX 75662

Sample Summary

Client: North Texas Municipal Water District
Project/Site: SCX 30TAC307 + Table 3

Job ID: 870-34261-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
870-34261-1	c5a9aacsaW8H fo I D8TC	Water	02/27/25 09:25	02/27/25 16:28
870-34261-2	2509002-03 Influent G	Water	02/27/25 09:40	02/27/25 16:28
870-34261-3	2509002-04 Effluent TC	Water	02/27/25 09:05	02/27/25 16:28
870-34261-4	2509002-06 Effluent G	Water	02/27/25 08:45	02/27/25 16:28

2600 Dudley Rd. Kilgore, Texas 75662
24 Waterway Avenue, Suite 375 The Woodlands, TX 77380
Office: 903-984-0551 * Fax: 903-984-5914

Project
1138016

XNKS-N

Eurofins Xenco
John Builes
9701 Harry Hines Blvd
Dallas, TX 75220

Printed 03/18/2025 12:13

TABLE OF CONTENTS

This report consists of this Table of Contents and the following pages:

2600 Dudley Rd. Kilgore, Texas 75662
24 Waterway Avenue, Suite 375 The Woodlands, TX 77380
*Office: 903-984-0551 * Fax: 903-984-5914*

SAMPLE CROSS REFERENCE

Project
1138016

Printed 3/18/2025 Page 1 of 1
ww

Eurofins Xenco
John Builes
9701 Harry Hines Blvd
Dallas, TX 75220

Sample	Sample ID	Taken	Time	Received
2385511	*2509002-01 INFLUENT TC*	02/27/2025	09:25:00	02/28/2025

Bottle 01 Client Supplied Amber Glass
Bottle 02 Client Supplied Amber Glass
Bottle 03 Prepared Bottle: OPXL/OPXS 2 mL Autosampler Vial (Batch 1163456) Volume: 1.00000 mL <== Derived from 01 (1018 ml)

Method	Bottle	PrepSet	Preparation	QcGroup	Analytical
EPA 1657	03	1163456	03/04/2025	1165735	03/05/2025

Sample	Sample ID	Taken	Time	Received
2385513	*2509002-04 EFFLUENT TC*	02/27/2025	09:05:00	02/28/2025

Bottle 01 Client Supplied Amber Glass
Bottle 02 Client Supplied Amber Glass
Bottle 03 Prepared Bottle: OPXL/OPXS 2 mL Autosampler Vial (Batch 1163456) Volume: 1.00000 mL <== Derived from 01 (1003 ml)

Method	Bottle	PrepSet	Preparation	QcGroup	Analytical
EPA 1657	03	1163456	03/04/2025	1165735	03/05/2025

Email: Kilgore.ProjectManagement@spllabs.com

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Project 1138016

Eurofins Xenco
John Builes
9701 Harry Hines Blvd
Dallas, TX 75220

Printed: 03/18/2025

RESULTS

Sample Results

2385511 2509002-01 INFLUENT TC — Received: 02/28/2025

Non-Potable Water | Collected by: Client | Eurofins Xenco | PO: US1312966443
Taken: 02/27/2025 09:25:00

EPA 1657 — Prepared: 1163456 03/04/2025 14:15:00 — Analyzed 1165735 03/05/2025 21:53:00 KAP

	Parameter	Results	Units	RL	Flags	CAS	Bottle
z	Azinphos-methyl (Guthion)	<0.0491	ug/L	0.0491		86-50-0	03
z	Chlorpyrifos	<0.0491	ug/L	0.0491		2921-88-2	03
z	Demeton	<0.0491	ug/L	0.0491		8065-48-3	03
z	Diazinon	<0.0491	ug/L	0.0491		333-41-5	03
z	Malathion	<0.0491	ug/L	0.0491		121-75-5	03
z	Parathion, ethyl	<0.0491	ug/L	0.0491		56-38-2	03
z	Parathion, methyl	<0.0491	ug/L	0.0491		298-00-0	03

2385513 2509002-04 EFFLUENT TC — Received: 02/28/2025

Non-Potable Water | Collected by: Client | Eurofins Xenco | PO: US1312966443
Taken: 02/27/2025 09:05:00

EPA 1657 — Prepared: 1163456 03/04/2025 14:15:00 — Analyzed 1165735 03/05/2025 22:19:00 KAP

	Parameter	Results	Units	RL	Flags	CAS	Bottle
z	Azinphos-methyl (Guthion)	<0.0499	ug/L	0.0499		86-50-0	03
z	Chlorpyrifos	<0.0499	ug/L	0.0499		2921-88-2	03
z	Demeton	<0.0499	ug/L	0.0499		8065-48-3	03
z	Diazinon	<0.0499	ug/L	0.0499		333-41-5	03
z	Malathion	<0.0499	ug/L	0.0499		121-75-5	03
z	Parathion, ethyl	<0.0499	ug/L	0.0499		56-38-2	03
z	Parathion, methyl	<0.0499	ug/L	0.0499		298-00-0	03

Sample Preparation

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Project 1138016

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John Builes
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Dallas, TX 75220

Printed: 03/18/2025

2385511 **2509002-01 INFLUENT TC** Received: 02/28/2025

US1312966443

02/27/2025

			Prepared:		02/28/2025	15:55:00	Calculated	02/28/2025	15:55:00 CAL
z	**Enviro Fee (per Sampling Group)**	**Verified**							
			Prepared:		03/18/2025	11:52:00	Analyzed	03/18/2025	11:52:00 WJP
z	**Check Limits**	**Completed**							
	EPA 1657		Prepared:	1163456	03/04/2025	14:15:00	Analyzed	1165735 03/05/2025	21:53:00 KAP
z	**Organophos. Pesticides/1657**	**Entered**							03
	EPA 608.3		Prepared:	1163456	03/04/2025	14:15:00	Analyzed	1163456 03/04/2025	14:15:00 CRS
	Solvent Extraction	**1/1018**	**ml**						01

2385513 **2509002-04 EFFLUENT TC** Received: 02/28/2025

US1312966443

02/27/2025

			Prepared:		03/18/2025	11:52:00	Analyzed	03/18/2025	11:52:00 WJP
z	**Check Limits**	**Completed**							
	EPA 1657		Prepared:	1163456	03/04/2025	14:15:00	Analyzed	1165735 03/05/2025	22:19:00 KAP
z	**Organophos. Pesticides/1657**	**Entered**							03

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24 Waterway Avenue, Suite 375 The Woodlands, TX 77380
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Project
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Eurofins Xenco
John Builes
9701 Harry Hines Blvd
Dallas, TX 75220

Printed: 03/18/2025

2385513 2509002-04 EFFLUENT TC

Received: 02/28/2025

US1312966443

02/27/2025

EPA 608.3	Prepared:	1163456	03/04/2025	14:15:00	Analyzed	1163456	03/04/2025	14:15:00	CRS
Solvent Extraction	1/1003	ml							01

Qualifiers:

We report results on an As Received (or Wet) basis unless marked Dry Weight.

Unless otherwise noted, testing was performed at SPL, Inc.- Kilgore laboratory which holds International, Federal, and state accreditations. Please see our Websites for details.

(N)ELAC - Covered in our NELAC scope of accreditation
z -- Not covered by our NELAC scope of accreditation

These analytical results relate to the sample tested. This report may NOT be reproduced EXCEPT in FULL without written approval of SPL Kilgore. Unless otherwise specified, these test results meet the requirements of NELAC.
RL is the Reporting Limit (sample specific quantitation limit) and is at or above the Method Detection Limit (MDL). CAS is Chemical Abstract Service number. RL is our Reporting Limit, or Minimum Quantitation Level. The RL takes into account the Instrument Detection Limit (IDL), Method Detection Limit (MDL), and Practical Quantitation Limit (PQL), and any dilutions and/or concentrations performed during sample preparation (EQL). Our analytical result must be above this RL before we report a value in the 'Results' column of our report (without a 'J' flag). Otherwise, we report ND (Not Detected above RL), because the result is "<" (less than) the number in the RL column. MAL is Minimum Analytical Level and is typically from regulatory agencies. Unless we report a result in the result column, or interferences prevent it, we work to have our RL at or below the MAL.

Bill Peery

Bill Peery, MS, VP Technical Services

QUALITY CONTROL

XNKS-N

Eurofins Xenco
John Builes
9701 Harry Hines Blvd
Dallas, TX 75220

Project
1138016

Printed 03/18/2025

Analytical Set 1165735 EPA 1657

Blank

Parameter	PrepSet	Reading	MDL	MQL	Units	File
Azinphos-methyl (Guthion)	1163456	ND	41.4	50.0	ug/L	127412478
Chlorpyrifos	1163456	ND	22.6	50.0	ug/L	127412478
Demeton	1163456	ND	31.9	50.0	ug/L	127412478
Diazinon	1163456	ND	19.7	50.0	ug/L	127412478
Malathion	1163456	ND	24.8	50.0	ug/L	127412478
Parathion, ethyl	1163456	ND	23.9	50.0	ug/L	127412478
Parathion, methyl	1163456	ND	27.4	50.0	ug/L	127412478

CCV

Parameter	Reading	Known	Units	Recover%	Limits%	File
Azinphos-methyl (Guthion)	1050	1000	ug/L	105	37.0 - 150	127412477
Azinphos-methyl (Guthion)	1170	1000	ug/L	117	37.0 - 150	127412487
Chlorpyrifos	1060	1000	ug/L	106	48.0 - 150	127412477
Chlorpyrifos	1110	1000	ug/L	111	48.0 - 150	127412487
Demeton	1030	1000	ug/L	103	16.0 - 150	127412477
Demeton	1040	1000	ug/L	104	16.0 - 150	127412487
Diazinon	1020	1000	ug/L	102	50.0 - 150	127412477
Diazinon	1040	1000	ug/L	104	50.0 - 150	127412487
Malathion	1030	1000	ug/L	103	50.0 - 150	127412477
Malathion	1040	1000	ug/L	104	50.0 - 150	127412487
Parathion, ethyl	1030	1000	ug/L	103	50.0 - 150	127412477
Parathion, ethyl	1020	1000	ug/L	102	50.0 - 150	127412487
Parathion, methyl	1060	1000	ug/L	106	50.0 - 150	127412477
Parathion, methyl	891	1000	ug/L	89.1	50.0 - 150	127412487

LCS Dup

Parameter	PrepSet	LCS	LCSD	Known	Limits%	LCS%	LCSD%	Units	RPD	Limit%
Azinphos-methyl (Guthion)	1163456	774	670	1000	0.100 - 152	77.4	67.0	ug/L	14.4	50.0
Chlorpyrifos	1163456	562	517	1000	0.100 - 132	56.2	51.7	ug/L	8.34	50.0
Demeton	1163456	392	384	1000	0.100 - 114	39.2	38.4	ug/L	2.06	50.0
Diazinon	1163456	541	512	1000	0.100 - 119	54.1	51.2	ug/L	5.51	50.0
Malathion	1163456	503	465	1000	0.100 - 126	50.3	46.5	ug/L	7.85	50.0
Parathion, ethyl	1163456	549	500	1000	0.100 - 138	54.9	50.0	ug/L	9.34	50.0
Parathion, methyl	1163456	570	460	1000	0.100 - 125	57.0	46.0	ug/L	21.4	50.0

Surrogate

Parameter	Sample	Type	Reading	Known	Units	Recover%	Limits%	File
Tributylphosphate		CCV	1080	2000	ug/L	54.0	0.100 - 106	127412477
Tributylphosphate		CCV	1050	2000	ug/L	52.5	0.100 - 106	127412487
Triphenylphosphate		CCV	1030	2000	ug/L	51.5	0.100 - 172	127412477
Triphenylphosphate		CCV	1310	2000	ug/L	65.5	0.100 - 172	127412487
Tributylphosphate	1163456	Blank	663	2000	ug/L	33.2	0.100 - 106	127412478
Tributylphosphate	1163456	LCS	519	2000	ug/L	26.0	0.100 - 106	127412479
Tributylphosphate	1163456	LCS Dup	498	2000	ug/L	24.9	0.100 - 106	127412480

Email: Kilgore.ProjectManagement@spllabs.com

QUALITY CONTROL

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Surrogate

Parameter	Sample	Type	Reading	Known	Units	Recover%	Limits%	File
Triphenylphosphate	1163456	Blank	751	2000	ug/L	37.6	0.100 - 172	127412478
Triphenylphosphate	1163456	LCS	599	2000	ug/L	30.0	0.100 - 172	127412479
Triphenylphosphate	1163456	LCS Dup	566	2000	ug/L	28.3	0.100 - 172	127412480
Tributylphosphate	2385511	Unknown	0.381	1.96	ug/L	19.4	0.100 - 106	127412483
Triphenylphosphate	2385511	Unknown	0.393	1.96	ug/L	20.1	0.100 - 172	127412483
Tributylphosphate	2385513	Unknown	0.545	1.99	ug/L	27.4	0.100 - 106	127412484
Triphenylphosphate	2385513	Unknown	0.614	1.99	ug/L	30.9	0.100 - 172	127412484

* Out RPD is Relative Percent Difference: abs(r1-r2) / mean(r1,r2) * 100% Recover% is Recovery Percent: result / known * 100%

Blank - Method Blank (reagent water or other blank matrices that contains all reagents except standard(s) and is processed simultaneously with and under the same conditions as samples; carried through preparation and analytical procedures exactly like a sample; monitors); CCV - Continuing Calibration Verification (same standard used to prepare the curve; typically a mid-range concentration; verifies the continued validity of the calibration curve); LCS Dup - Laboratory Control Sample Duplicate (replicate LCS; analyzed when there is insufficient sample for duplicate or MSD; quantifies accuracy and precision.); Surrogate - Surrogate (mimics the analyte of interest but is unlikely to be found in environmental samples; added to analytical samples for QC purposes. **ANSI/ASQC E4 1994 Ref #4 TRADE QA Resources Guide.)

1138016 CoC Print Group 001 of 001

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone: 214-902-0300

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Garza, Sylvia	Carrier Tracking No(s): N/A	COC No: 870-7950.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Sylvia.Garza@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: Ana-Lab Corporation		Accreditations Required (See note): NELAP - Texas		Job #: 870-34261-1
Address: 2600 Dudley Rd, ,	Due Date Requested: 3/7/2025	Analysis Requested		Preservation Codes: -
City: Kilgore	TAT Requested (days): N/A			
State, Zip: TX, 75662				
Phone: N/A	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: SCX 30TAC307 + Table 3	Project #: 87000965			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	SUB (Ana Lab - 1657 Organo PEST)/ Ana Lab - 1657 Organo PEST	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
2509002-01 Influent TC (870-34261-1)	2/27/25	09:25 Central	G	Water			X	2	238511
2509002-04 Effluent TC (870-34261-3)	2/27/25	09:05 Central	G	Water			X	2	513

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

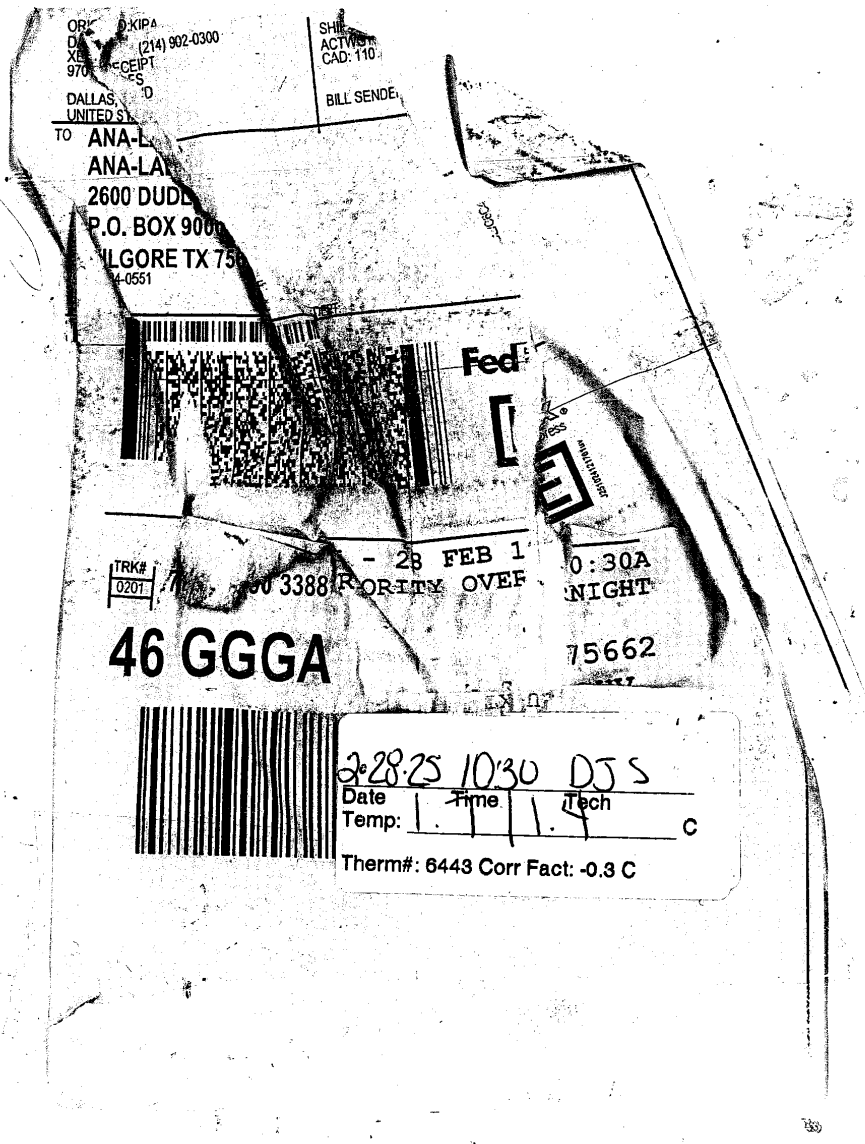
Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by: KW			Received by: fedex		
Relinquished by: fedex	Date/Time: FEB 27 2025	Company	Received by:	Date/Time: 2/28/25 10:50	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:

Ver: 10/10/2024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2600 DUDL
P.O. BOX 900
ILGORE TX 75
4-0551
Fed
TRK#
0201
- 2B FEB 1
0:30A
ORITY OVER
NIGHT
46 GGGA
75662
2.28.25 10:30 DJS
Date Time Tech
Temp: 1.1 1.4 C
Therm#: 6443 Corr Fact: -0.3 C

Eurofins Eaton Analytical South Bend
110 S. Hill Street
Southbend, IN 46617
Phone: 574-233-4777 Fax: 574-233-8207

Chain of Custody Record

eurofins | Environment Testing America

4/30/2025 (Rev. 2)

Client Information	Sampler: Eric Rohan/Esteban Davis	Lab PM: Sylvia Garza	Carrier Tracking No(s):	COC No:
Client Contact: Kelly Harden	Phone: 469-626-4610	E-Mail: syliva.garza@eurofinset.com	State of Origin:	Page: Page 1 of 1
Company: North Texas Municipal Water District	PWSID:			Job #:

Address: 201 E. Brown St.	Due Date Requested:	Analysis Requested
City: Wylie		
State, Zip: Texas 75098	Compliance Project: Δ Yes Δ No	
Phone: 469-626-4610	PO #:	
Email: kharden@ntmwd.com	WO #:	
Project Name: SCX 30TAC307 + Table III + Permit Renewal	Project #:	
Site:	SSOW#:	

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

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	BPA and BNA by EPA 625.1	Pest/PCB by EPA 608.3	Herb by EPA 615	Dioxins by 613/1613	Pest by EPA 1657	Cr, Cr (III), Cr (VI)	Cn, Cn-A	Phenols by 420.1	MTBE/Epichlorohydrin/VOC by EPA 624.1	Pest by EPA 632	Dioxins by 625.1	Oil & Grease	Ethylene Glycol by 8015	Total Number of containers	Special Instructions/Note:
			Preservation Code:																		
2509002-01 Influent TC	2/26/25-2/27/25	0925	C	W	N		2I	2I	2I	2I	2I					2I	2I		3I	17	
2509002-03 Influent G	2/27/25	0940	G	W	N							1I	1B	1S	3I					6	
2509002-04 Effluent TC	2/26/25-2/27/25	0905	C	W	N		2I	2I	2I	2I	2I					2I	2I		3I	17	
2509002-06 Effluent G	2/27/25	0845	G	W	N							1I	1B	1S	3I			1S		7	

870-34261 Chain of Custody

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

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

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

Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		2/27/25 1402	NTMWD		2/27/25 1402	Eurofins
2		2/27/25 1428	NTMWD		2-27-25 1628	
3						

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

Eurofins Dallas
9701 Harry Hines Blvd
Dallas TX 75220
Phone 214-902-0300

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Garza Sylvia	Carrier Tracking No(s): N/A	COC No: 870-7949 1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Sylvia.Garza@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: Eurofins Eaton Analytical		Accreditations Required (See note): NELAP - Texas		Job #: 870-34261-1
Address: 941 Corporate Center Drive,	Due Date Requested: 3/7/2025			
City: Pomona	TAT Requested (days): N/A			
State Zip: CA, 91768-2642				
Phone: 626-386-1100(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: SCX 30TAC307 + Table 3	Project #: 87000965			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1613B_IDA/1613B_P_SPE Full List	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
2509002-01 Influent TC (870-34261-1)	2/27/25	09.25 Central	G	Water			X	2	ON HOLD pending 625
2509002-04 Effluent TC (870-34261-3)	2/27/25	09 05 Central	G	Water			X	2	ON HOLD pending 625

Note: Since laboratory accreditations are subject to change Eurofins Environment Testing South Central, LLC places the ownership of method analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested I II III IV Other (specify) Primary Deliverable Rank. 2	Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment: FedEx 772375392703

Relinquished by: KW	Date/Time: FEDEX	Company	Received by:	Date/Time: 2/28/23 9:40	Company: EAP
Relinquished by:	Date/Time: FEB 2 7 2025	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 40IA 1.8-0.1=1.7; ice frozen

Ver: 10/10/2024

17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone: 214-902-0300

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Garza, Sylvia	Carrier Tracking No(s): N/A	COC No: 870-7951 1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Sylvia.Garza@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 870-34261-1
Address: 4145 Greenbriar Dr	Due Date Requested: 3/7/2025			
City: Stafford	TAT Requested (days): N/A			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: SCX 30TAC307 + Table 3	Project #: 87000965			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes:

Other: N/A

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	632/CWA_Prep EPA 632	608.3_Pest/608_Prep (MOD) TTO 608	608.3_PCB/608_Prep_PCB TTO PCB	625.1/625_Prep (MOD) 625.1 TTO	615_MOD/3511_Herb_Prep Herbicides (GC) & Hexachlorophene	8015D_DAI_G/ Glycols	420.4_NP/ EPA 420.4_ Total Phenols	SM4500CN_G_Calc/ Amenable Cyanide	4500_CN_G_NonAm/Distill_CN Non-Amenable Cyanide	Kelada_01	200.8/200.8_P TR (MOD) 200.8 Metals	3500_CR3_B/ Trivalent Cr	624.1/624_Prep Epichlorohydrin-Houston	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X															
2509002-01 Influent TC (870-34261 1)	2/27/25	09:25 Central	G	Water			X	X	X	X	X	X								13	Must meet Texas Wastewater MAL's. RUN 1x, Need to meet Texas Wastewater
2509002-03 Influent G (870-34261-2)	2/27/25	09:40 Central	G	Water									X	X	X	X	X	X	X	3	Run Low Standard to meet Texas Wastewater MAL's.
2509002-04 Effluent TC (870-34261-3)	2/27/25	09:05 Central	G	Water			X	X	X	X	X	X								13	Must meet Texas Wastewater MAL's. RUN 1x, Need to meet Texas Wastewater
2509002-06 Effluent G (870-34261-4)	2/27/25	08:45 Central	G	Water									X	X	X	X	X	X	X	3	Run Low Standard to meet Texas Wastewater MAL's.

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements. TPX
Empty Kit Relinquished by:	Date: Time: Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
AB	02/27/25 1700		FEB 27 2025		
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 2-28-25 0800	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: ID 368 3.0° AM1 2.6°

Ver 10/10/2024

Login Sample Receipt Checklist

Client: North Texas Municipal Water District

Job Number: 870-34261-1

Login Number: 34261
List Number: 1
Creator: Sharp, Michael

List Source: Eurofins Dallas

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

Login Sample Receipt Checklist

Client: North Texas Municipal Water District

Job Number: 870-34261-1

Login Number: 34261
List Number: 3
Creator: Hernandez, Orlando

List Source: Eurofins Eaton Analytical Pomona
List Creation: 02/28/25 12:17 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
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	
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	
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	
Samples do not require splitting or compositing.	True	
Container provided by EEA	True	

Login Sample Receipt Checklist

Client: North Texas Municipal Water District

Job Number: 870-34261-1

Login Number: 34261
List Number: 2
Creator: Grandits, Corey

List Source: Eurofins Houston
List Creation: 02/28/25 06:54 AM

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

ATTACHMENT TR-7

WORKSHEET 4.0

POLLUTANT ANALYSIS REQUIREMENTS

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 ☒ See Attachment TR-6

Date and time sample(s) collected: Grab: 02/27/2025 08:45; Composite: 02/27/2025 09:05

Table 4.0(1) – Toxics Analysis

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Acrylonitrile	N/A	<50	1	50
Aldrin	N/A	<0.01	1	0.01
Aluminum	N/A	5.72	1	2.5
Anthracene	N/A	<10	1	10
Antimony	N/A	<5	1	5
Arsenic	N/A	0.768	1	0.5
Barium	N/A	27.9	1	3
Benzene	N/A	<10	1	10
Benzidine	N/A	<50	1	50
Benzo(a)anthracene	N/A	<5	1	5
Benzo(a)pyrene	N/A	<5	1	5
Bis(2-chloroethyl)ether	N/A	<10	1	10
Bis(2-ethylhexyl)phthalate	N/A	<10	1	10
Bromodichloromethane	N/A	<10	1	10
Bromoform	N/A	<10	1	10
Cadmium	N/A	<1	1	1
Carbon Tetrachloride	N/A	<2	1	2
Carbaryl	N/A	<5	1	5
Chlordane*	N/A	<0.2	1	0.2
Chlorobenzene	N/A	<10	1	10
Chlorodibromomethane	N/A	<10	1	10

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Chloroform	N/A	<10	1	10
Chlorpyrifos	N/A	<0.05	1	0.05
Chromium (Total)	N/A	<3	1	3
Chromium (Tri) **(*1)**	N/A	<2	1	N/A
Chromium (Hex)	N/A	3.59	1	3
Copper	N/A	7.79	1	2
Chrysene	N/A	<5	1	5
p-Chloro-m-Cresol	N/A	<10	1	10
4,6-Dinitro-o-Cresol	N/A	<50	1	50
p-Cresol	N/A	<10	1	10
Cyanide **(*2)**	N/A	<10	1	10
4,4'- DDD	N/A	<0.1	1	0.1
4,4'- DDE	N/A	<0.1	1	0.1
4,4'- DDT	N/A	<0.02	1	0.02
2,4-D	N/A	<0.7	1	0.7
Demeton (O and S)	N/A	<0.2	1	0.20
Diazinon	N/A	<0.1	1	0.5/0.1
1,2-Dibromoethane	N/A	<10	1	10
m-Dichlorobenzene	N/A	<10	1	10
o-Dichlorobenzene	N/A	<10	1	10
p-Dichlorobenzene	N/A	<10	1	10
3,3'-Dichlorobenzidine	N/A	<5	1	5
1,2-Dichloroethane	N/A	<10	1	10
1,1-Dichloroethylene	N/A	<10	1	10
Dichloromethane	N/A	<20	1	20
1,2-Dichloropropane	N/A	<10	1	10
1,3-Dichloropropene	N/A	<10	1	10
Dicofol	N/A	<1	1	1
Dieldrin	N/A	<0.02	1	0.02
2,4-Dimethylphenol	N/A	<10	1	10
Di-n-Butyl Phthalate	N/A	<10	1	10
Diuron	N/A	<0.09	1	0.09
Endosulfan I (alpha)	N/A	<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)	N/A	<0.02	1	0.02
Endosulfan Sulfate	N/A	<0.1	1	0.1
Endrin	N/A	<0.02	1	0.02
Epichlorohydrin	N/A	<7.52	1	---
Ethylbenzene	N/A	<10	1	10
Ethylene Glycol	N/A	<1220	1	---
Fluoride	N/A	<500	1	500
Guthion	N/A	<0.1	1	0.1
Heptachlor	N/A	<0.01	1	0.01
Heptachlor Epoxide	N/A	<0.01	1	0.01
Hexachlorobenzene	N/A	<5	1	5
Hexachlorobutadiene	N/A	<10	1	10
Hexachlorocyclohexane (alpha)	N/A	<0.05	1	0.05
Hexachlorocyclohexane (beta)	N/A	<0.05	1	0.05
gamma-Hexachlorocyclohexane (Lindane)	N/A	<0.05	1	0.05
Hexachlorocyclopentadiene	N/A	<10	1	10
Hexachloroethane	N/A	<20	1	20
Hexachlorophene	N/A	<10	1	10
4,4'-Isopropylidenediphenol	N/A	<10	1	1
Lead	N/A	<0.5	1	0.5
Malathion	N/A	<0.1	1	0.1
Mercury	N/A	<0.005	1	0.005
Methoxychlor	N/A	<2	1	2
Methyl Ethyl Ketone	N/A	<50	1	50
Methyl tert-butyl ether	N/A	<1.39	1	---
Mirex	N/A	<0.02	1	0.02
Nickel	N/A	7.24	1	2
Nitrate-Nitrogen	N/A	2200	1	100
Nitrobenzene	N/A	<10	1	10
N-Nitrosodiethylamine	N/A	<20	1	20
N-Nitroso-di-n-Butylamine	N/A	<20	1	20
Nonylphenol	N/A	<333	1	333

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Parathion (ethyl)	N/A	<0.1	1	0.1
Pentachlorobenzene	N/A	<20	1	20
Pentachlorophenol	N/A	<5	1	5
Phenanthrene	N/A	<10	1	10
Polychlorinated Biphenyls (PCB's) **(*3)**	N/A	<0.2	1	0.2
Pyridine	N/A	<20	1	20
Selenium	N/A	<5	1	5
Silver	N/A	<0.5	1	0.5
1,2,4,5-Tetrachlorobenzene	N/A	<20	1	20
1,1,2,2-Tetrachloroethane	N/A	<10	1	10
Tetrachloroethylene	N/A	<10	1	10
Thallium	N/A	<0.5	1	0.5
Toluene	N/A	<10	1	10
Toxaphene	N/A	<0.3	1	0.3
2,4,5-TP (Silvex)	N/A	<0.3	1	0.3
Tributyltin (see instructions for explanation)	N/A	N/A	N/A	0.01
1,1,1-Trichloroethane	N/A	<10	1	10
1,1,2-Trichloroethane	N/A	<10	1	10
Trichloroethylene	N/A	<10	1	10
2,4,5-Trichlorophenol	N/A	<50	1	50
TTHM (Total Trihalomethanes)	N/A	<10	1	10
Vinyl Chloride	N/A	<10	1	10
Zinc	N/A	23.3	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 ☒ See Attachment TR-6

Date and time sample(s) collected: Grab: 02/27/2025 08:45; Composite: 02/27/2025 09:05

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	N/A	<5	1	5
Arsenic	N/A	0.768	1	0.5
Beryllium	N/A	<0.5	1	0.5
Cadmium	N/A	<1	1	1
Chromium (Total)	N/A	<3	1	3
Chromium (Hex)	N/A	3.59	1	3
Chromium (Tri) **(*1)**	N/A	<2	1	N/A
Copper	N/A	7.79	1	2
Lead	N/A	<0.5	1	0.5
Mercury	N/A	<0.005	1	0.005
Nickel	N/A	7.24	1	2
Selenium	N/A	<5	1	5
Silver	N/A	<0.5	1	0.5
Thallium	N/A	<0.5	1	0.5
Zinc	N/A	23.3	1	5
Cyanide **(*2)**	N/A	<10	1	10
Phenols, Total	N/A	<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	N/A	<50	1	50
Acrylonitrile	N/A	<50	1	50
Benzene	N/A	<10	1	10
Bromoform	N/A	<10	1	10
Carbon Tetrachloride	N/A	<2	1	2
Chlorobenzene	N/A	<10	1	10
Chlorodibromomethane	N/A	<10	1	10
Chloroethane	N/A	<50	1	50
2-Chloroethylvinyl Ether	N/A	<10	1	10
Chloroform	N/A	<10	1	10
Dichlorobromomethane [Bromodichloromethane]	N/A	<10	1	10
1,1-Dichloroethane	N/A	<10	1	10
1,2-Dichloroethane	N/A	<10	1	10
1,1-Dichloroethylene	N/A	<10	1	10
1,2-Dichloropropane	N/A	<10	1	10
1,3-Dichloropropylene [1,3-Dichloropropene]	N/A	<10	1	10
1,2-Trans-Dichloroethylene	N/A	<10	1	10
Ethylbenzene	N/A	<10	1	10
Methyl Bromide	N/A	<50	1	50
Methyl Chloride	N/A	<50	1	50
Methylene Chloride	N/A	<20	1	20
1,1,2,2-Tetrachloroethane	N/A	<10	1	10
Tetrachloroethylene	N/A	<10	1	10
Toluene	N/A	<10	1	10
1,1,1-Trichloroethane	N/A	<10	1	10
1,1,2-Trichloroethane	N/A	<10	1	10
Trichloroethylene	N/A	<10	1	10
Vinyl Chloride	N/A	<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	N/A	<10	1	10
2,4-Dichlorophenol	N/A	<10	1	10
2,4-Dimethylphenol	N/A	<10	1	10
4,6-Dinitro-o-Cresol	N/A	<50	1	50
2,4-Dinitrophenol	N/A	<50	1	50
2-Nitrophenol	N/A	<20	1	20
4-Nitrophenol	N/A	<50	1	50
P-Chloro-m-Cresol	N/A	<10	1	10
Pentalchlorophenol	N/A	<5	1	5
Phenol	N/A	<10	1	10
2,4,6-Trichlorophenol	N/A	<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	N/A	<10	1	10
Acenaphthylene	N/A	<10	1	10
Anthracene	N/A	<10	1	10
Benzidine	N/A	<50	1	50
Benzo(a)Anthracene	N/A	<5	1	5
Benzo(a)Pyrene	N/A	<5	1	5
3,4-Benzofluoranthene	N/A	<10	1	10
Benzo(ghi)Perylene	N/A	<20	1	20
Benzo(k)Fluoranthene	N/A	<5	1	5
Bis(2-Chloroethoxy)Methane	N/A	<10	1	10
Bis(2-Chloroethyl)Ether	N/A	<10	1	10
Bis(2-Chloroisopropyl)Ether	N/A	<10	1	10
Bis(2-Ethylhexyl)Phthalate	N/A	<10	1	10
4-Bromophenyl Phenyl Ether	N/A	<10	1	10
Butyl benzyl Phthalate	N/A	<10	1	10
2-Chloronaphthalene	N/A	<10	1	10
4-Chlorophenyl phenyl ether	N/A	<10	1	10
Chrysene	N/A	<5	1	5
Dibenzo(a,h)Anthracene	N/A	<5	1	5
1,2-(o)Dichlorobenzene	N/A	<10	1	10
1,3-(m)Dichlorobenzene	N/A	<10	1	10
1,4-(p)Dichlorobenzene	N/A	<10	1	10
3,3-Dichlorobenzidine	N/A	<5	1	5
Diethyl Phthalate	N/A	<10	1	10
Dimethyl Phthalate	N/A	<10	1	10
Di-n-Butyl Phthalate	N/A	<10	1	10
2,4-Dinitrotoluene	N/A	<10	1	10
2,6-Dinitrotoluene	N/A	<10	1	10
Di-n-Octyl Phthalate	N/A	<10	1	10
1,2-Diphenylhydrazine (as Azo-benzene)	N/A	<20	1	20
Fluoranthene	N/A	<10	1	10

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Fluorene	N/A	<10	1	10
Hexachlorobenzene	N/A	<5	1	5
Hexachlorobutadiene	N/A	<10	1	10
Hexachlorocyclo-pentadiene	N/A	<10	1	10
Hexachloroethane	N/A	<20	1	20
Indeno(1,2,3-cd)pyrene	N/A	<5	1	5
Isophorone	N/A	<10	1	10
Naphthalene	N/A	<10	1	10
Nitrobenzene	N/A	<10	1	10
N-Nitrosodimethylamine	N/A	<50	1	50
N-Nitrosodi-n-Propylamine	N/A	<20	1	20
N-Nitrosodiphenylamine	N/A	<20	1	20
Phenanthrene	N/A	<10	1	10
Pyrene	N/A	<10	1	10
1,2,4-Trichlorobenzene	N/A	<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	N/A	<0.01	1	0.01
alpha-BHC (Hexachlorocyclohexane)	N/A	<0.05	1	0.05
beta-BHC (Hexachlorocyclohexane)	N/A	<0.05	1	0.05
gamma-BHC (Hexachlorocyclohexane)	N/A	<0.05	1	0.05
delta-BHC (Hexachlorocyclohexane)	N/A	<0.05	1	0.05
Chlordane	N/A	<0.2	1	0.2
4,4-DDT	N/A	<0.02	1	0.02
4,4-DDE	N/A	<0.1	1	0.1
4,4,-DDD	N/A	<0.1	1	0.1
Dieldrin	N/A	<0.02	1	0.02
Endosulfan I (alpha)	N/A	<0.01	1	0.01
Endosulfan II (beta)	N/A	<0.02	1	0.02
Endosulfan Sulfate	N/A	<0.1	1	0.1
Endrin	N/A	<0.02	1	0.02
Endrin Aldehyde	N/A	<0.1	1	0.1
Heptachlor	N/A	<0.01	1	0.01
Heptachlor Epoxide	N/A	<0.01	1	0.01
PCB-1242	N/A	<0.2	1	0.2
PCB-1254	N/A	<0.2	1	0.2
PCB-1221	N/A	<0.2	1	0.2
PCB-1232	N/A	<0.2	1	0.2
PCB-1248	N/A	<0.2	1	0.2
PCB-1260	N/A	<0.2	1	0.2
PCB-1016	N/A	<0.2	1	0.2
Toxaphene	N/A	<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: N/A

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	N/A	N/A	N/A	N/A	10
1,2,3,7,8 PeCDD	0.5	N/A	N/A	N/A	N/A	50
2,3,7,8 HxCDDs	0.1	N/A	N/A	N/A	N/A	50
1,2,3,4,6,7,8 HpCDD	0.01	N/A	N/A	N/A	N/A	50
2,3,7,8 TCDF	0.1	N/A	N/A	N/A	N/A	10
1,2,3,7,8 PeCDF	0.05	N/A	N/A	N/A	N/A	50
2,3,4,7,8 PeCDF	0.5	N/A	N/A	N/A	N/A	50
2,3,7,8 HxCDFs	0.1	N/A	N/A	N/A	N/A	50
2,3,4,7,8 HpCDFs	0.01	N/A	N/A	N/A	N/A	50
OCDD	0.0003	N/A	N/A	N/A	N/A	100
OCDF	0.0003	N/A	N/A	N/A	N/A	100
PCB 77	0.0001	N/A	N/A	N/A	N/A	0.5
PCB 81	0.0003	N/A	N/A	N/A	N/A	0.5
PCB 126	0.1	N/A	N/A	N/A	N/A	0.5
PCB 169	0.03	N/A	N/A	N/A	N/A	0.5
Total		N/A	N/A	N/A	N/A	

ATTACHMENT TR-8

WORKSHEET 5.0

TOXICITY TESTING REQUIREMENTS

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 5.0: TOXICITY TESTING REQUIREMENTS

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

This worksheet is not required minor amendments without renewal.

Section 1. Required Tests (Instructions Page 88)

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

7-day Chronic: 17

48-hour Acute: 8

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
DMRs submitted via NetDMR. Table 1s submitted to TCEQ email WET@tceq.texas.gov			

ATTACHMENT TR-9

WORKSHEET 6.0

INDUSTRIAL WASTE CONTRIBUTION

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: 1

Average Daily Flows, in MGD: 0.009

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
See Attachment TR-10				

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: Subcategories: N/A

Click or tap here to enter text. N/A

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

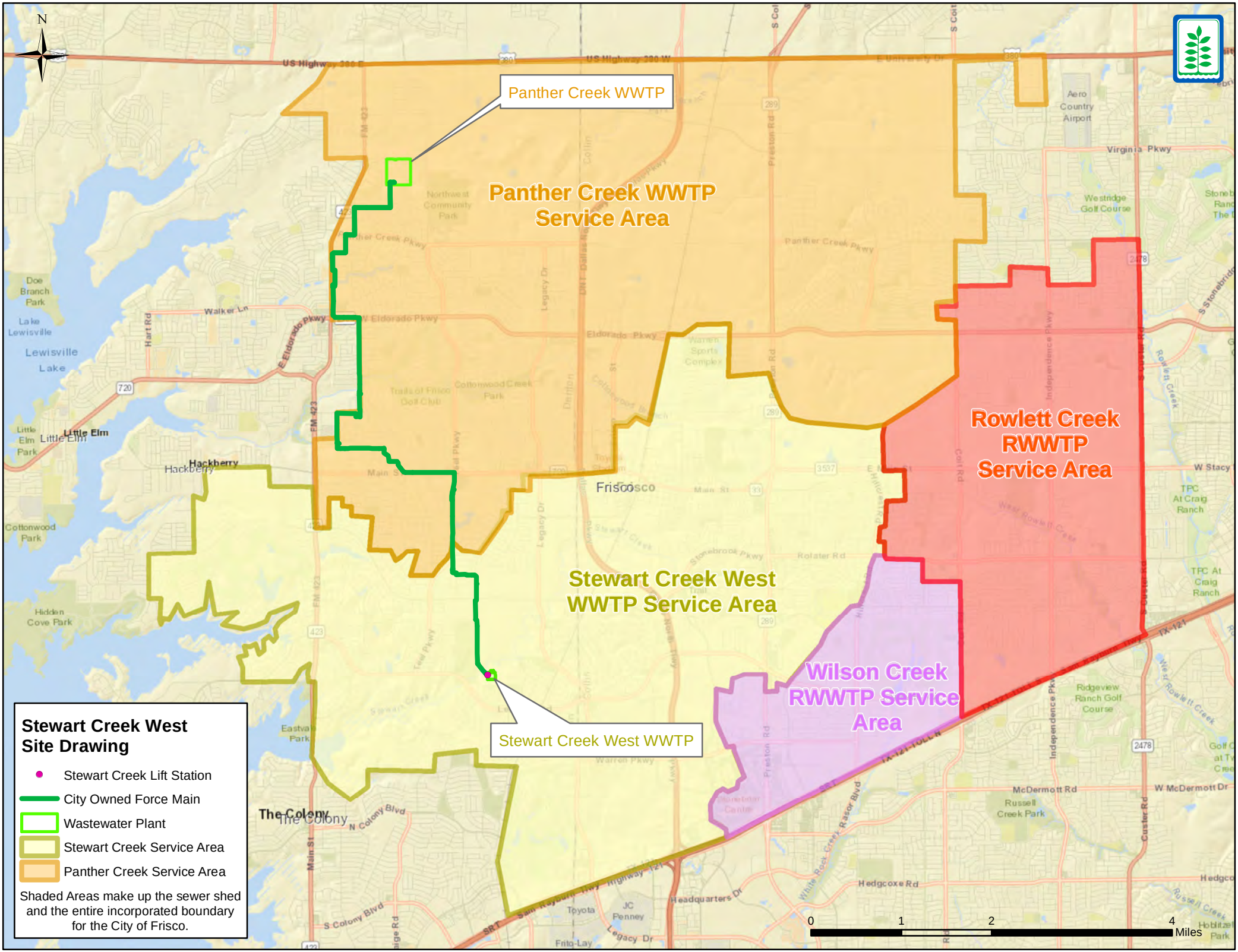
ATTACHMENT TR-10

EFFLUENT PARAMETERS

ABOVE THE MAL

THREE YEARS ABOVE THE MAL

Pollutant	Concentration	MAL	Units	Date
Arsenic	0.83	0.5	ug/L	6/22/2022
Copper	7.16	2	ug/L	6/22/2022
Nickel	9.14	2	ug/L	6/22/2022
Zinc	34.1	5	ug/L	6/22/2022
Aluminum	5.04	2.5	ug/L	6/22/2022
Barium	16.5	3	ug/L	6/22/2022
Arsenic	0.68	0.5	ug/L	12/15/2022
Copper	10.7	2	ug/L	12/15/2022
Nickel	6.95	2	ug/L	12/15/2022
Zinc	15.4	5	ug/L	12/15/2022
Arsenic	1.09	0.5	ug/L	6/21/2023
Chromium (Hex)	3.56	3	ug/L	6/21/2023
Copper	18.2	2	ug/L	6/21/2023
Nickel	10.9	2	ug/L	6/21/2023
Zinc	24.5	5	ug/L	6/21/2023
Alumium	6.74	2.5	ug/L	6/21/2023
Barium	29.2	3	ug/L	6/21/2023
Fluoride	648	500	ug/L	6/21/2023
Nitrate-Nitrogen	15500	100	ug/L	6/21/2023
Arsenic	0.809	0.5	ug/L	12/13/2023
Copper	6.49	2	ug/L	12/13/2023
Nickel	9.59	2	ug/L	12/13/2023
Zinc	20	5	ug/L	12/13/2023
Arsenic	0.616	0.5	ug/L	6/20/2024
Copper	8.49	2	ug/L	6/20/2024
Nickel	6.34	2	ug/L	6/20/2024
Zinc	25.9	5	ug/L	6/20/2024
Alumium	7.6	2.5	ug/L	6/20/2024
Barium	34.1	3	ug/L	6/20/2024
Fluoride	601	500	ug/L	6/20/2024
Nitrate-Nitrogen	19700	100	ug/L	6/20/2024
alpha-Endosulfar	0.0285	0.01	ug/L	6/20/2024
Arsenic	0.817	0.5	ug/L	12/12/2024
Copper	6.15	2	ug/L	12/12/2024
Nickel	6.71	2	ug/L	12/12/2024
Zinc	18.6	5	ug/L	12/12/2024
Alumium	5.72	2.5	ug/L	2/27/2025
Arsenic	0.768	0.5	ug/L	2/27/2025
Barium	27.9	3	ug/L	2/27/2025
Copper	7.79	2	ug/L	2/27/2025
Nickel	7.24	2	ug/L	2/27/2025
Nitrate-Nitrogen	2200	100	ug/L	2/27/2025
Zinc	23.3	5	ug/L	2/27/2025


N
Panther Creek WWTP
Panther Creek WWTP Service Area
Rowlett Creek RWWTP Service Area
Stewart Creek West WWTP Service Area
Wilson Creek RWWTP Service Area
Stewart Creek West WWTP
Stewart Creek West Site Drawing
Stewart Creek Lift Station
City Owned Force Main
Wastewater Plant
Stewart Creek Service Area
Panther Creek Service Area
Shaded Areas make up the sewer shed and the entire incorporated boundary for the City of Frisco.
0
1
2
4
Miles

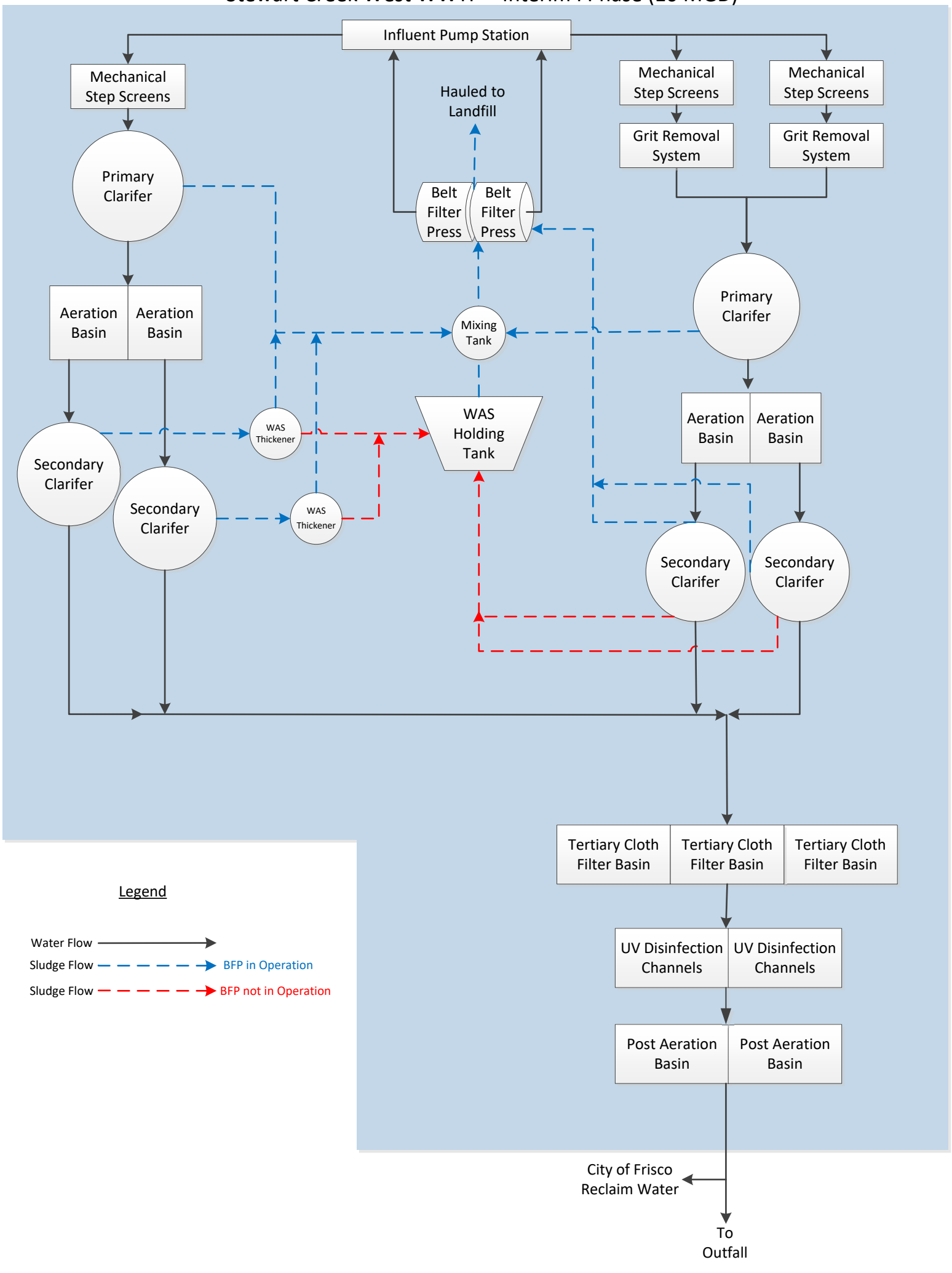
Description of the Service Areas Indicated in the Site Drawing

Stewart Creek West Wastewater Treatment Plant (WWTP), Panther Creek WWTP, Rowlett Creek Regional WWTP and Wilson Creek Regional WWTP service areas shaded on the site drawing make up the sewer shed of the entire City of Frisco and are within the incorporated boundary of the City. Two of the WWTPs reside within the City's limits; Stewart Creek West WWTP serves the southwest and southcentral portion of the City of Frisco and Panther Creek WWTP serves the northern portion of the City. When necessary, Panther Creek WWTP can receive diverted flow from the Stewart Creek West WWTP via the City's force main (FM) as indicated by the dark green line on the site drawing.

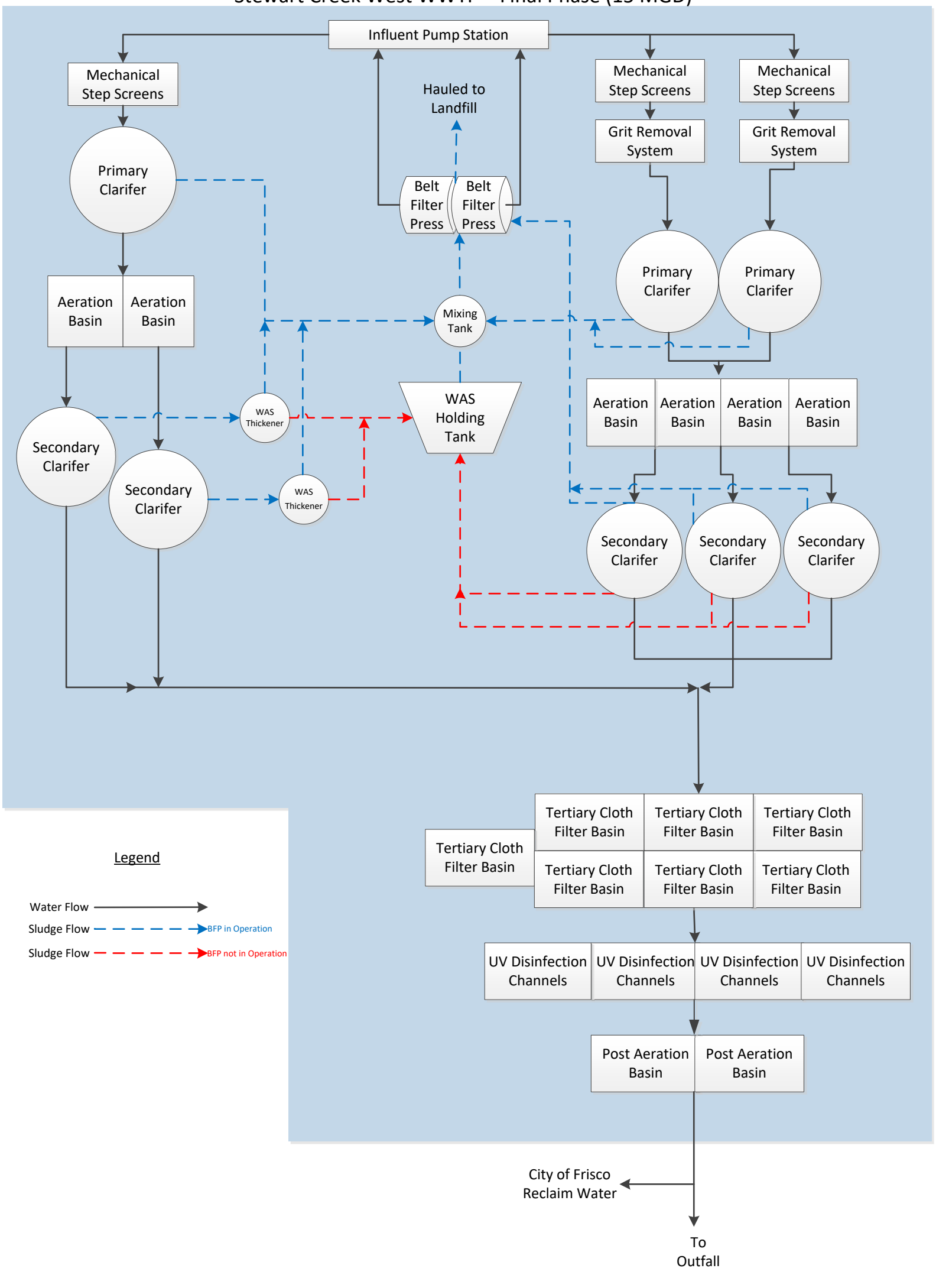
The other two service areas in the City of Frisco serve the southeast part of the City; the Rowlett Creek Regional WWTP and the Wilson Creek Regional WWTP service areas. Rowlett Creek Regional WWTP is located in the City of Plano and treats wastewater that originates from many areas in the region including the Rowlett Creek Regional WWTP service area of the City of Frisco. Likewise, the Wilson Creek Regional WWTP located partially in the City of Lucas treats the wastewater that comes from many areas in the region including the Wilson Creek RWWTP service area of the City of Frisco.

The Stewart Creek West WWTP, Panther Creek WWTP, Rowlett Creek Regional WWTP and Wilson Creek Regional WWTP are owned and operated by the North Texas Municipal Water District.

Stewart Creek West WWTP – Interim I Phase (10 MGD)



Stewart Creek West WWTP – Final Phase (15 MGD)



DOMESTIC ATTACHMENT 5 – DESIGN CALCULATIONS

Design calculations are required in Technical Report 1.1, which is submitted with new and major amendment applications. This application is for renewal of an existing permit and therefore submission of design calculations is not required.

Candice Calhoun

From: Jerry Allen <jallen@NTMWD.COM>
Sent: Tuesday, August 5, 2025 9:38 AM
To: Candice Calhoun
Subject: RE: Application to Renew Permit No. WQ0014008001 (North Texas MWD) - Notice of Deficiency
Attachments: 2025-08 to TCEQ re NTMWD Response to Stewart Creek West WWTP NOD SIGNED.pdf; 2025-08 Stewart Creek West WWTP Plain Language Summary - Revised.pdf; 2025-08 Stewart Creek WWTP NORI (Spanish Template).docx

Good morning, Candice,

Attached is the response to the NOD with the requested documents. Please let me know if you need anything else. Have a good day.

Thank you,

JERRY ALLEN
Permitting Manager
North Texas Municipal Water District
O: 469-626-4634 | C: 214-212-6153

From: Jerry Allen
Sent: Monday, August 4, 2025 8:37 AM
To: Candice Calhoun <Candice.Calhoun@tceq.texas.gov>
Subject: RE: Application to Renew Permit No. WQ0014008001 (North Texas MWD) - Notice of Deficiency

Good morning, Candice,

I have received the NOD letter and I will respond accordingly.

Thank you,

JERRY ALLEN
Permitting Manager
North Texas Municipal Water District
O: 469-626-4634 | C: 214-212-6153

From: Candice Calhoun <Candice.Calhoun@tceq.texas.gov>
Sent: Monday, August 4, 2025 8:28 AM
To: Jerry Allen <jallen@NTMWD.COM>
Subject: [EXTERNAL] Application to Renew Permit No. WQ0014008001 (North Texas MWD) - Notice of Deficiency
Importance: High

Good morning, Mr. Allen,

The attached Notice of Deficiency (NOD) letter dated August 4, 2025, requests additional information needed to declare the application administratively complete. Please send complete response no later than August 18, 2025.

Please let me know if you have any questions.

Regards,

Candice Courville
License & Permit Specialist
ARP Team | Water Quality Division
Texas Commission on Environmental Quality
512-239-4312
candice.calhoun@tceq.texas.gov

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

NORTH TEXAS MUNICIPAL WATER DISTRICT

Regional. Reliable. Everyday.

August 05, 2025

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

VIA ELECTRONIC MAIL
candice.calhoun@tceq.texas.gov

Re: Response to TCEQ Notice of Deficiency
Applicant Name: North Texas Municipal Water District (CN601365448)
Permit Number: WQ0014008001 (EPA I.D. No. TX0103501)
Site Name: Stewart Creek West WWTP (RN101607265)
Type of Application: Renewal

Dear Ms. Calhoun:

This letter is submitted regarding the above-referenced TPDES Domestic Wastewater Permit Application ("Application") associated with the North Texas Municipal Water District's ("NTMWD's") Stewart Creek West Wastewater Treatment Plant ("Stewart Creek West WWTP") in response to items noted in the August 4, 2025 Notice of Deficiency letter addressed to Jerry Allen. NTMWD offers the following comments for your consideration:

Request 1 (Plain Language Summary (PLS): The Plain Language Summary, in English and Spanish language, provided, did not include the final flow that is permitted. Please provide a revised PLS, in English and Spanish language, to include the final phase flow. Most applicant say something along the lines of: "[Applicant's Name] is requesting a renewal of permit no. WQ00XXXXXXX to discharge [final phase flow amount] gallons per day".)

Response:
The Plain Language Summary has been revised to incorporate the final phase flow. The revised Plain Language Summary document is attached to the response email in both English and Spanish language.

Request 2 (Review the portion of the NORI provided and indicate if it contains any errors or omissions.)

501 E. Brown Street, P.O. Box 2408, Wylie, Texas 75098-2408 | Phone: 972-442-5405 | Fax: 972-295-6440 |
www.ntmwd.com

Response:
NTMWD has reviewed the portion of the NORI provided. The portion of the NORI stating the discharge route states: “The discharge route is from the plant site to Stewart Creek; thence to Garza/Little Elm Reservoir portion of Lewisville Lake.”
Please edit the statement as follows: “The discharge route is from the plant site to Stewart Creek; thence to Garza/Little Elm Reservoir portion of Lewisville Lake in Segment No. 0823 of the Trinity River Basin.”

Request 3 (Please provide the translated Spanish NORI in a Microsoft Word document.)

A translated Spanish NORI, in Microsoft Word document format, has been attached to the NTMWD response email with this letter.

Should you have any questions or need additional information please contact me at jallen@ntmwd.com or 469-626-4634.

Sincerely,

Jerry Allen
Permitting Manager

JA/kw

Enclosures
cc: Hunter Stephens, NTMWD
Joel Nickerson, NTMWD
R.J. Muraski, NTMWD
Lauren Kalisek, Lloyd Gosselink Rochelle & Townsend, P.C.
Lora Naismith, Lloyd Gosselink Rochelle & Townsend, P.C.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

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

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

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

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

ENGLISH TEMPLATE FOR TPDES or TLAP NEW/RENEWAL/AMENDMENT APPLICATIONS DOMESTIC WASTEWATER/STORMWATER

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

North Texas Municipal Water District (CN601365448) operates Stewart Creek West Wastewater Treatment Plant (RN101607265), a domestic wastewater treatment plant. The facility is located at 5100 Fourth Army Drive, in Frisco, Denton County, Texas 75034. Through this application, North Texas Municipal Water District is requesting a renewal of permit no. WQ0014008001 to discharge 15 million gallons per day. Discharges from the facility are expected to contain Carbonaceous Biochemical Oxygen Demand (CBOD), Total Suspended Solids (TSS), Ammonia Nitrogen, and E. coli. Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7 Pollutant Analysis of Treated Effluent and Domestic Worksheet 4.0 in the permit application. Domestic wastewater is treated by grit chambers, primary clarifiers, aeration basins, secondary clarifiers, tertiary cloth filters, U.V. disinfection. Sludge from the clarifiers is processed with sludge holding tanks and belt filter presses. The dewatered sludge is disposed at the NTMWD 121 Regional Disposal Facility and C.M. Hinton Jr. Regional Landfill.

PLANTILLA EN ESPAÑOL PARA SOLICITUDES NUEVAS/RENOVACIONES/ENMIENDAS DE TPDES o TLAP

AGUAS RESIDUALES DOMÉSTICAS/AGUAS PLUVIALES

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

El Districto Municipal de Agua del Norte de Texas (CN601365448) opera la planta de tratamiento de aguas residuales de Stewart Creek West (RN101607265), una planta de tratamiento de aguas residuales domésticas. La instalación está ubicada en 5100 Fourth Army Drive, en Frisco, Condado de Denton, Texas 75034. A través de esta solicitud, el Distrito Municipal de Agua del Norte de Texas solicita la renovación del permiso numero WQ0014008001 para descargar 15 millones de galones por día. Se espera que las descargas de la instalación contengan demanda bioquímica de oxígeno bioquímico (CBOD), sólidos suspendidos totales (TSS), nitrógeno de amoníaco y E. coli. Se incluyen contaminantes potenciales adicionales en el Informe Técnico Nacional 1.0, Sección 7 Análisis de contaminantes de la Hoja de trabajo de efluentes tratados y domésticos 4.0 en la solicitud de permiso. Las aguas residuales domésticas son tratadas por cámaras de arena, clarificadores primarios, cuencas de aireación, clarificadores secundarios, filtros de tela terciaria, U.V. desinfección. El lodo de los clarificadores se procesa con tanques de sostenimiento de lodo y prensas de filtro de correa. Los lodos deshidratados se eliminan en la Instalación de Eliminación Regional NTMWD 121 y en el Vertedero Regional C.M. Hinton Jr.