



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

PLAIN LANGUAGE SUMMARY FOR TPDES OR TLAP PERMIT APPLICATIONS

Plain Language Summary 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 as required by [Title 30, Texas Administrative Code \(30 TAC\), Chapter 39, Subchapter H](#). Applicants may modify the template as necessary to accurately describe their 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 the applicant 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.

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 Enter 'INDUSTRIAL' or 'DOMESTIC' here 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.

City of Victoria (CN600243257) operates the Odem Street Wastewater Treatment Facility (106030430), an activated sludge process plant. The facility is located at 1309 Southwest Ben Jordan, in the City of Victoria, in Victoria County, Texas 77902. This application is for a renewal to discharge to the Guadalupe River at an annual average flow of 4.4 million gallons per day of treated domestic wastewater in the Interim phase and 6.6 million gallons per day in the Final phase.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD₅), total suspended solids (TSS), ammonia nitrogen (NH₃-N), and *Escherichia coli*. Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7. Pollutant Analysis of Treated Effluent in the permit application package. Domestic water is treated by a mechanical bar screen, aeration basins, final clarifiers, and ultraviolet disinfection channels.

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.

La Ciudad de Victoria (CN600243257) opera la Planta de Tratamiento de Aguas Residuales de Odem Street (RN106030430), una planta de procesamiento de lodos activados. La instalación está ubicada en 1309 Southwest Ben Jordan, en la ciudad de Victoria, Condado de Victoria, Texas 77902. Esta solicitud es para una renovación para descargar al río Guadalupe a un flujo promedio anual de 4.4 millones de galones por día de aguas residuales domésticas tratadas en la fase intermedia y 6.6 millones de galones por día en la fase final.

Se espera que las descargas de la instalación contengan una demanda bioquímica carbonosa de oxígeno (CBOD5) de cinco días, sólidos suspendidos totales (TSS), nitrógeno amoniacal (NH3-N) y Escherichia coli. En la sección 7 Análisis de Contaminantes de Efluentes Tratados del Informe Técnico Doméstico 1.0 en el paquete de solicitud de permisos se incluyen contaminantes potenciales adicionales. Las aguas residuales domésticas se tratan mediante una rejilla mecánica, cuencas de aireación, clarificadores finales y canales de desinfección ultravioleta.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



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

PERMIT NO. WQ0010466002

APPLICATION. City of Victoria, P.O. Box 1758, Victoria, Texas 77902, has applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0010466002 (EPA I.D. No. TX0132829) to authorize the discharge of treated wastewater at a volume not to exceed an annual average flow of 6,600,000 gallons per day. The domestic wastewater treatment facility is located at 1309 Southwest Ben Jordan Street, in the city of Victoria, in Victoria County, Texas 77901. The discharge route is from the plant site to Guadalupe River Below San Marcos River. TCEQ received this application on February 19, 2025. The permit application will be available for viewing and copying at Victoria Public Library, information desk, 302 North Main Street, Victoria, in Victoria 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=-96.991666,28.779722&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 City of Victoria at the address stated above or by calling Mr. Ken Gill, Public Works Director, at 361-485-3381.

Issuance Date: March 14, 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. WQ0010466002

SOLICITUD. La Ciudad de Victoria, P.O. Box 1758, Victoria, Texas 77902 ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para renovar el Permiso No. WQ0010466002 (EPA I.D. No. TX0132829) 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 6,600,000 galones por día. La planta está ubicada en 1309 Southwest Ben Jordan Street, en la ciudad de Victoria, en el Condado de Victoria, Texas. La ruta de descarga es del sitio de la planta a hasta el río Guadalupe, debajo del río San Marcos. La TCEQ recibió esta solicitud el 19 de febrero de 2025. La solicitud para el permiso estará disponible para leerla y copiarla en la Biblioteca Pública de Victoria, mostrador de información, 302 North Main Street, Victoria, en el Condado de Victoria, Texas, antes de la fecha de publicación de este aviso en el periódico. La solicitud, incluidas las actualizaciones, y los avisos asociados están disponibles 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=-96.991666,28.779722&level=18>

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 de correos siguientes (1) la lista de correo permanente para recibir los avisos de el solicitante indicado por nombre y número del permiso específico y/o (2) la lista de correo de todas las solicitudes en un condado específico. Si desea que se agregue 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.

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 Ciudad de Victoria a la dirección indicada arriba o llamando a Sr. Ken Gill, Director de Obras Públicas, al 361-485-3381.

Fecha de emission: 14 de marzo de 2025



Odem Street Wastewater Treatment Facility

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

APPLICATION FOR RENEWAL

**TEXAS POLLUTANT DISCHARGE ELIMINATION SYSTEM
PERMIT NO. WQ0010466002**

February 2025





TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST

Complete and submit this checklist with the application.

APPLICANT NAME: **City of Victoria**

PERMIT NUMBER (If new, leave blank): WQ00 **10466002**

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

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

For TCEQ Use Only

Segment Number _____ County _____
Expiration Date _____ Region _____
Permit Number _____



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

**DOMESTIC WASTEWATER PERMIT APPLICATION
ADMINISTRATIVE REPORT 1.0**

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

Section 1. Application Fees (Instructions Page 26)

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

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

Minor Amendment (for any flow) \$150.00 ☐

Payment Information:

Mailed Check/Money Order Number: 116025
Check/Money Order Amount: \$2,015.00
Name Printed on Check: The City of Victoria

EPAY Voucher Number: Click to enter text.

Copy of Payment Voucher enclosed? Yes ☐

Section 2. Type of Application (Instructions Page 26)

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

- ☒ Publicly-Owned Domestic Wastewater
☐ Privately-Owned Domestic Wastewater
☐ Conventional Wastewater Treatment

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

- ☒ Active ☐ Inactive

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

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

d. Check the box next to the appropriate application type

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

e. For amendments or modifications, describe the proposed changes: [Click to enter text.](#)

f. For existing permits:

Permit Number: WQ00 **10466002**

EPA I.D. (TPDES only): TX **0132829**

Expiration Date: **August 20, 2025**

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

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

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

Odem Street Wastewater Treatment Facility

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

If the applicant is currently a customer with the TCEQ, what is the Customer Number (CN)?

You may search for your CN on the TCEQ website at <http://www15.tceq.texas.gov/crpub/>

CN: **600243257**

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

Prefix: **Mr.**

Last Name, First Name: **Garza, Jesús**

Title: **City Manager**

Credential: [Click to enter text.](#)

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

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

N/A

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

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

CN: Click to enter text.

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

Prefix: Click to enter text.

Last Name, First Name: Click to enter text.

Title: Click to enter text.

Credential: Click to enter text.

Provide a brief description of the need for a co-permittee: Click to enter text.

C. Core Data Form

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

Section 4. Application Contact Information (Instructions Page 27)

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

A. Prefix: **Mr.**

Last Name, First Name: **Gill, Ken**

Title: **Public Works Director**

Credential: Click to enter text.

Organization Name: **City of Victoria**

Mailing Address: **P.O. Box 1758**

City, State, Zip Code: **Victoria, TX 77901**

Phone No.: **(361) 485-3381**

E-mail Address: **kgill@victoriatx.gov**

Check one or both: ☒ Administrative Contact ☒ Technical Contact

B. Prefix: **Ms.**

Last Name, First Name: **Sims, Janet**

Title: **Project Manager**

Credential: Click to enter text.

Organization Name: **Mead & Hunt. Inc.**

Mailing Address: **8217 Shoal Creek Blvd., Suite 203**
78757

City, State, Zip Code: **Austin, TX**

Phone No.: **(512) 735-1001**

E-mail Address: **Janet.Sims@meadhunt.com**

Check one or both: ☒ Administrative Contact ☒ Technical Contact

Section 5. Permit Contact Information (Instructions Page 27)

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

A. Prefix: **Mr.**

Last Name, First Name: **Garza, Jesús**

Title: **City Manager**

Credential: Click to enter text.

Organization Name: **City of Victoria**

Mailing Address: **P.O. Box 1758**

City, State, Zip Code: **Victoria, TX 77902**

Phone No.: **(361) 485-3030**

E-mail Address: **JGarza@victoriatx.org**

B. Prefix: **Mr.**

Last Name, First Name: **Crocker, Duane**

Title: **Mayor**

Credential: [Click to enter text.](#)

Organization Name: **City of Victoria**

Mailing Address: **P.O. Box 1758**

City, State, Zip Code: **Victoria, TX 77902**

Phone No.: **(361) 485-3030**

E-mail Address: **dcrocker@victoriatx.gov**

Section 6. Billing Contact Information (Instructions Page 27)

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

Prefix: **Mr.**

Last Name, First Name: **Gill, Ken**

Title: **Public Works Director**

Credential: [Click to enter text.](#)

Organization Name: **City of Victoria**

Mailing Address: **P.O. Box 1758**

City, State, Zip Code: **Victoria, TX 77902**

Phone No.: **(361) 485-3381**

E-mail Address: **kgill@victoriatx.gov**

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

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

Prefix: **Mr.**

Last Name, First Name: **Davis, Curtis**

Title: **WWTP Manager**

Credential: [Click to enter text.](#)

Organization Name: **City of Victoria**

Mailing Address: **P.O. Box 1758**

City, State, Zip Code: **Victoria, TX 77902**

Phone No.: **(361) 485-3263**

E-mail Address: **cdavis@victoriatx.gov**

Section 8. Public Notice Information (Instructions Page 27)

A. Individual Publishing the Notices

Prefix: **Mr.**

Last Name, First Name: **Gill, Ken**

Title: **Public Works Director**

Credential: [Click to enter text.](#)

Organization Name: **City of Victoria**

Mailing Address: **P.O. Box 1758**

City, State, Zip Code: **Victoria, TX 77901**

Phone No.: **(361) 485-3381**

E-mail Address: **kgill@victoriatx.gov**

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

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

☒ E-mail Address

☐ Fax

☐ Regular Mail

C. Contact permit to be listed in the Notices

Prefix: **Mr.**

Last Name, First Name: **Gill, Ken**

Title: **Public Works Director**

Credential: [Click to enter text.](#)

Organization Name: **City of Victoria**

Mailing Address: **P.O. Box 1758**

City, State, Zip Code: [Click to enter text.](#)

Phone No.: **(361) 485-3381**

E-mail Address: **kgill@victoriatx.gov**

D. Public Viewing Information

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

Public building name: **Victoria Public Library**

Location within the building: **Information desk**

Physical Address of Building: **302 N. Main**

City: **Victoria**

County: **Victoria**

Contact (Last Name, First Name): **Librarian**

Phone No.: **(361) 485-3301** Ext.: [Click to enter text.](#)

E. Bilingual Notice Requirements

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

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

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

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

☒ Yes

☐ No

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

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

☐ Yes

☒ No

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

☒ Yes ☐ No

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

☐ Yes ☒ No

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

F. Plain Language Summary Template

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

Attachment: **B**

G. Public Involvement Plan Form

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

Attachment: **N/A**

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

A. If the site is currently regulated by TCEQ, provide the Regulated Entity Number (RN) issued to this site. **RN 106030430**

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

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

Odem Street Wastewater Treatment Plant

C. Owner of treatment facility: **City of Victoria**

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

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

Prefix: Click to enter text.

Last Name, First Name: **City of Victoria**

Title: Click to enter text.

Credential: Click to enter text.

Organization Name: **City of Victoria**

Mailing Address: **P.O. Box 1758**

City, State, Zip Code: **Victoria, TX 77902**

Phone No.: **(361)485-3030**

E-mail Address: **jgarza@victoriatx.org**

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

Attachment: **N/A**

E. Owner of effluent disposal site:

Prefix: N/A

Last Name, First Name: [Click to enter text.](#)

Title: [Click to enter text.](#)

Credential: [Click to enter text.](#)

Organization Name: [Click to enter text.](#)

Mailing Address: [Click to enter text.](#)

City, State, Zip Code: [Click to enter text.](#)

Phone No.: [Click to enter text.](#)

E-mail Address: [Click to enter text.](#)

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

Attachment: [Click to enter text.](#)

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

Prefix: N/A

Last Name, First Name: [Click to enter text.](#)

Title: [Click to enter text.](#)

Credential: [Click to enter text.](#)

Organization Name: [Click to enter text.](#)

Mailing Address: [Click to enter text.](#)

City, State, Zip Code: [Click to enter text.](#)

Phone No.: [Click to enter text.](#)

E-mail Address: [Click to enter text.](#)

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

Attachment: [Click to enter text.](#)

Section 10. TPDES Discharge Information (Instructions Page 31)

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

☒ Yes ☐ No

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

[Click to enter text.](#)

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

☒ Yes ☐ No

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

[Click to enter text.](#)

City nearest the outfall(s): Victoria

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

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

☐ Yes ☒ No

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

- ☐ Authorization granted ☐ Authorization pending

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

Attachment: [Click to enter text.](#)

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

Section 11. TLAP Disposal Information (Instructions Page 32)

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

☐ Yes ☐ No N/A

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

- B. City nearest the disposal site: [Click to enter text.](#)

- C. County in which the disposal site is located: [Click to enter text.](#)

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

[Click to enter text.](#)

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

Section 12. Miscellaneous Information (Instructions Page 32)

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

☐ Yes ☒ No

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

☐ Yes ☐ No ☒ Not Applicable

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

[Click to enter text.](#)

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

☐ Yes ☒ No

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

D. Do you owe any fees to the TCEQ?

☐ Yes ☒ No

If yes, provide the following information:

Account number: [Click to enter text.](#)

Amount past due: [Click to enter text.](#)

E. Do you owe any penalties to the TCEQ?

☐ Yes ☒ No

If yes, please provide the following information:

Enforcement order number: [Click to enter text.](#)

Amount past due:

Section 13. Attachments (Instructions Page 33)

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

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

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

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

See Attachment C.

☐ Attachment 1 for Individuals as co-applicants

☒ Other Attachments. Please specify:

Attachments

- A. Core Data Form
- B. Plain Language Summary
- C. USGS Map
- D. Treatment Units
- E. Process Flow Diagram
- F. Site Drawing
- G. Effluent Analysis Reports
- H. Parameters above the MAL SPIF

Section 14. Signature Page (Instructions Page 34)

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

Permit Number: WQ0010466002

Applicant: City of Victoria

Certification:

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

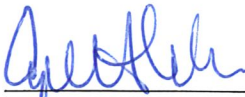
I further certify that I am authorized under 30 Texas Administrative Code § 305.44 to sign and submit this document, and can provide documentation in proof of such authorization upon request.

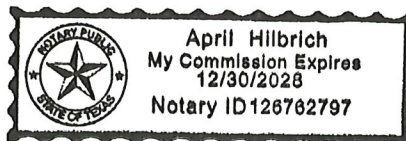
Signatory name (typed or printed): Jesús Garza

Signatory title: City Manager

Signature:  Date: January 28, 2025
(Use blue ink)

Subscribed and Sworn to before me by the said Jesús Garza
on this 28th day of January, 20 25.
My commission expires on the 30th day of December, 20 28.


Notary Public



[SEAL]


County, Texas

DOMESTIC WASTEWATER PERMIT APPLICATION

SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

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

Attachment: SPIF

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST OF COMMON DEFICIENCIES

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

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

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

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

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

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

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

Things to Know:

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

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

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

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

Plain Language Summary ☒ Yes



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.0

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

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

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

A. Existing/Interim I Phase

Design Flow (MGD): 4.4

2-Hr Peak Flow (MGD): 17.6

Estimated construction start date: N/A

Estimated waste disposal start date: N/A

B. Interim II Phase

Design Flow (MGD): Click to enter text.

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

Estimated construction start date: Click to enter text.

Estimated waste disposal start date: Click to enter text.

C. Final Phase

Design Flow (MGD): 6.6

2-Hr Peak Flow (MGD): 26.4

Estimated construction start date: 2030

Estimated waste disposal start date: 2031

D. Current Operating Phase

Provide the startup date of the facility: 9/2016

Section 2. Treatment Process (Instructions Page 43)

A. Current Operating Phase

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

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

The Odem Street Wastewater Treatment Facility is a conventional activated sludge process plant with diffused aeration. Treatment units for the existing phase are a mechanical bar screen, two aeration basins, a final clarifier, and two ultraviolet disinfection channels. Treatment units for the final phase are a mechanical bar screen, four aeration basins, two final clarifiers, and two ultraviolet disinfection channels. Sludge generated at the treatment facility is sent to the City of Victoria Regional Wastewater Treatment Facility TPDES permit No. WQ0011078001 via pipe for treatment and disposal.

B. Treatment Units

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

Table 1.0(1) - Treatment Units

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

C. Process Flow Diagram

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

Attachment: E.

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

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

- Latitude: **28.783650**
- Longitude: **-97.009164**

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: F

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

City of Victoria

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
Odem Street Collection	City of Victoria	Publicly Owned	~19,800

Section 4. Unbuilt Phases (Instructions Page 45)

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

☒ Yes ☐ No

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

☒ Yes ☐ No

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

The Texas Water Development Board 2011 Regional Water Plan projects a steady, consistent growth at a rate of 1% per year for the City of Victoria population. The final phase of 6.6 million gallons per day for the Odem Street Wastewater Treatment Facility permit will provide the reliable wastewater treatment services needed by the citizen of the City. The Odem Street Wastewater Treatment Facility will eventually be the primary regional wastewater treatment facility in the area.

Section 5. Closure Plans (Instructions Page 45)

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

Click to enter text.

Section 6. Permit Specific Requirements (Instructions Page 45)

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

A. Summary transmittal

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

☒ Yes ☐ No

If **yes**, provide the date(s) of approval for each phase: **2/14/2014 Existing phase**

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.**

N/A

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.

Click to enter text.

C. Other actions required by the current permit

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

☐ Yes ☒ No

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

Click to enter text.

D. Grit and grease treatment

1. Acceptance of grit and grease waste

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

☐ Yes ☒ No

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

2. Grit and grease processing

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

Click to enter text.

3. Grit disposal

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

☐ Yes ☐ No

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

Describe the method of grit disposal.

Click to enter text.

4. Grease and decanted liquid disposal

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

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

Click to enter text.

E. Stormwater management

1. Applicability

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

☒ Yes ☐ No

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

☒ Yes ☐ No

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

2. MSGP coverage

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

☒ Yes ☐ No

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

TXR05 DE26 or TXRNE Click to enter text.

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

☐ Yes ☐ No

3. Conditional exclusion

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

☐ Yes ☒ No

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

Click to enter text.

4. Existing coverage in individual permit

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

☐ Yes ☒ No

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

Click to enter text.

5. Zero stormwater discharge

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

☐ Yes ☒ No

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

Click to enter text.

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

6. Request for coverage in individual permit

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

☐ Yes ☒ No

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

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

[Click to enter text.](#)

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

F. Discharges to the Lake Houston Watershed

Does the facility discharge in the Lake Houston watershed?

☐ Yes ☒ No

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

[Click to enter text.](#)

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

1. Acceptance of sludge from other WWTPs

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

☐ Yes ☒ No

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

In addition, provide the date the plant started or is anticipated to start accepting sludge, an estimate of monthly sludge acceptance (gallons or millions of gallons), an estimate of the BOD₅ concentration of the sludge, and the design BOD₅ concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.

[Click to enter text.](#)

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

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 BOD₅ concentration of the septic waste, and the design BOD₅ concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.

Click to enter text.

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

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

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

☐ Yes ☒ No

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

Click to enter text.

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

Is the facility in operation?

☒ Yes ☐ No

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

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

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

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

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
CBOD ₅ , mg/l	1.50	1.50	1	Comp.	1/27/25 @12:15
Total Suspended Solids, mg/l	<2.50	<2.50	1	Comp.	1/27/25 @12:15
Ammonia Nitrogen, mg/l	0.0971	0.0971	1	Comp.	1/27/25 @12:15
Nitrate Nitrogen, mg/l	21.0	21.0	1	Comp.	1/27/25 @12:15
Total Kjeldahl Nitrogen, mg/l	1.21	1.21	1	Comp.	1/27/25 @12:15
Sulfate, mg/l	46.2	46.2	1	Comp.	1/27/25 @12:15
Chloride, mg/l	139	139	1	Comp.	1/27/25 @12:15
Total Phosphorus, mg/l	3.13	3.13	1	Comp.	1/27/25 @12:15
pH, standard units	7.38	7.38	1	Grab	1/27/25 @8:46
Dissolved Oxygen*, mg/l	7.78	7.78	1	Grab	1/27/25 @8:46
Chlorine Residual, mg/l	0.0	0.0	1	Grab	1/27/25 @8:46
<i>E.coli</i> (CFU/100ml) freshwater	<1	<1	1	Grab	1/27/25 @8:46
Enterococci (CFU/100ml) saltwater	N/A	N/A	N/A	N/A	N/A
Total Dissolved Solids, mg/l	602	602	1	Comp.	1/27/25 @12:15
Electrical Conductivity, μ mohs/cm, †	N/A	N/A	N/A	N/A	N/A
Oil & Grease, mg/l	<1.63	<1.63	1	Comp.	1/27/25 @12:15
Alkalinity (CaCO ₃)*, mg/l	145	145	1	Comp.	1/27/25 @12:15

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

A. WWTP's Biosolids Management Facility Type

Check all that apply. See instructions for guidance

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

B. WWTP's Biosolids Treatment Process

Check all that apply. See instructions for guidance.

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

☐ Other Treatment Process: [Click to enter text.](#)

C. Biosolids Management

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

Biosolids Management

Management Practice	Handler or Preparer Type	Bulk or Bag Container	Amount (dry metric tons)	Pathogen Reduction Options	Vector Attraction Reduction Option
Other	N/A	N/A	389.5	N/A	N/A

If "Other" is selected for Management Practice, please explain (e.g. monofill or transport to another WWTP): **Sludge generated is pumped to the Victoria Regional WWTF (TPDES permit No. WQ0011078001) via pipe for dewatering and disposal.**

D. Disposal site

Disposal site name: **City of Victoria Landfill/Victoria Compost Facility**

TCEQ permit or registration number: **MSW 1522B/Permit No. 42034**

County where disposal site is located: **Victoria**

E. Transportation method

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

Name of the hauler: **City of Victoria**

Hauler registration number: **24132**

Sludge is transported as a:

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

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

A. Beneficial use authorization

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

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

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

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

☐ Yes ☐ No

Section 11. Sewage Sludge Lagoons (Instructions Page 53)

Does this facility include sewage sludge lagoons?

☐ Yes ☒ No

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

A. Location information

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

- Original General Highway (County) Map:
Attachment: [Click to enter text.](#)
- USDA Natural Resources Conservation Service Soil Map:
Attachment: [Click to enter text.](#)
- Federal Emergency Management Map:
Attachment: [Click to enter text.](#)
- Site map:
Attachment: [Click to enter text.](#)

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

- ☐ Overlap a designated 100-year frequency flood plain
- ☐ Soils with flooding classification
- ☐ Overlap an unstable area
- ☐ Wetlands
- ☐ Located less than 60 meters from a fault
- ☐ None of the above

Attachment: [Click to enter text.](#)

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

Click to enter text.

B. Temporary storage information

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

Nitrate Nitrogen, mg/kg: [Click to enter text.](#)

Total Kjeldahl Nitrogen, mg/kg: [Click to enter text.](#)

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

Phosphorus, mg/kg: [Click to enter text.](#)

Potassium, mg/kg: [Click to enter text.](#)

pH, standard units: [Click to enter text.](#)

Ammonia Nitrogen mg/kg: [Click to enter text.](#)

Arsenic: [Click to enter text.](#)

Cadmium: [Click to enter text.](#)

Chromium: [Click to enter text.](#)

Copper: [Click to enter text.](#)

Lead: [Click to enter text.](#)

Mercury: [Click to enter text.](#)

Molybdenum: [Click to enter text.](#)

Nickel: [Click to enter text.](#)

Selenium: [Click to enter text.](#)

Zinc: [Click to enter text.](#)

Total PCBs: [Click to enter text.](#)

Provide the following information:

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

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

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

C. Liner information

Does the active/proposed sludge lagoon(s) have a liner with a maximum hydraulic conductivity of 1×10^{-7} cm/sec?

☐ Yes ☐ No

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

[Click to enter text.](#)

D. Site development plan

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

[Click to enter text.](#)

Attach the following documents to the application.

- Plan view and cross-section of the sludge lagoon(s)
Attachment: [Click to enter text.](#)
- Copy of the closure plan
Attachment: [Click to enter text.](#)
- Copy of deed recordation for the site
Attachment: [Click to enter text.](#)
- Size of the sludge lagoon(s) in surface acres and capacity in cubic feet and gallons
Attachment: [Click to enter text.](#)
- Description of the method of controlling infiltration of groundwater and surface water from entering the site
Attachment: [Click to enter text.](#)
- Procedures to prevent the occurrence of nuisance conditions
Attachment: [Click to enter text.](#)

E. Groundwater monitoring

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

☐ Yes ☐ No

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

Attachment: [Click to enter text.](#)

Section 12. Authorizations/Compliance/Enforcement (Instructions Page 55)

A. Additional authorizations

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

☒ Yes ☐ No

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

Reclaimed water use authorization - R10466002

B. Permittee enforcement status

Is the permittee currently under enforcement for this facility?

☐ Yes ☒ No

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

☐ Yes ☒ No

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

Click to enter text.

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

A. RCRA hazardous wastes

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

☐ Yes ☒ No

B. Remediation activity wastewater

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

☐ Yes ☒ No

C. Details about wastes received

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

Attachment: [Click to enter text.](#)

Section 14. Laboratory Accreditation (Instructions Page 56)

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

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

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

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

CERTIFICATION:

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

Printed Name: Jesús Garza

Title: City Manager

Signature: 

Date: Jan 28, 2025

DOMESTIC WASTEWATER PERMIT APPLICATION

WORKSHEET 2.0: RECEIVING WATERS

The following information is required for all TPDES permit applications.

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

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

☐ Yes ☒ No

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

Owner of the drinking water supply: [Click to enter text.](#)

Distance and direction to the intake: [Click to enter text.](#)

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

Attachment: [Click to enter text.](#)

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

Does the facility discharge into tidally affected waters?

☐ Yes ☒ No

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

A. Receiving water outfall

Width of the receiving water at the outfall, in feet: [Click to enter text.](#)

B. Oyster waters

Are there oyster waters in the vicinity of the discharge?

☐ Yes ☐ No

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

[Click to enter text.](#)

C. Sea grasses

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

☐ Yes ☐ No

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

[Click to enter text.](#)

Section 3. Classified Segments (Instructions Page 64)

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

☒ Yes ☐ No

If **yes**, this Worksheet is complete.

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

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

Name of the immediate receiving waters: [Click to enter text.](#)

A. Receiving water type

Identify the appropriate description of the receiving waters.

- ☐ Stream
- ☐ Freshwater Swamp or Marsh
- ☐ Lake or Pond

Surface area, in acres: [Click to enter text.](#)

Average depth of the entire water body, in feet: [Click to enter text.](#)

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

- ☐ Man-made Channel or Ditch
- ☐ Open Bay
- ☐ Tidal Stream, Bayou, or Marsh
- ☐ Other, specify: [Click to enter text.](#)

B. Flow characteristics

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

- ☐ Intermittent - dry for at least one week during most years
- ☐ Intermittent with Perennial Pools - enduring pools with sufficient habitat to maintain significant aquatic life uses
- ☐ Perennial - normally flowing

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

- ☐ USGS flow records
- ☐ Historical observation by adjacent landowners
- ☐ Personal observation
- ☐ Other, specify: [Click to enter text.](#)

C. Downstream perennial confluences

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

[Click to enter text.](#)

D. Downstream characteristics

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

☐ Yes ☐ No

If yes, discuss how.

[Click to enter text.](#)

E. Normal dry weather characteristics

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

[Click to enter text.](#)

Date and time of observation: [Click to enter text.](#)

Was the water body influenced by stormwater runoff during observations?

☐ Yes ☐ No

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

A. Upstream influences

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

☐ Oil field activities

☐ Urban runoff

☐ Upstream discharges

☐ Agricultural runoff

☐ Septic tanks

☐ Other(s), specify: [Click to enter text.](#)

B. Waterbody uses

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

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

C. Waterbody aesthetics

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

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

DOMESTIC WASTEWATER PERMIT APPLICATION

WORKSHEET 4.0: POLLUTANT ANALYSIS REQUIREMENTS

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

This worksheet is not required minor amendments without renewal.

Section 1. Toxic Pollutants (Instructions Page 78)

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

Grab ☒

Composite ☒

Date and time sample(s) collected: **See Attachment G.**

Table 4.0(1) – Toxics Analysis

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Acrylonitrile	<50.0	<50.0	1	50
Aldrin	<0.011	<0.011	1	0.01
Aluminum	16.8	16.8	1	2.5
Anthracene	<10.0	<10.0	1	10
Antimony	1.27	1.27	1	5
Arsenic	3.54	3.54	1	0.5
Barium	190	190	1	3
Benzene	<10.0	<10.0	1	10
Benzidine	<50.0	<50.0	1	50
Benzo(a)anthracene	<5.00	<5.00	1	5
Benzo(a)pyrene	<5.00	<5.00	1	5
Bis(2-chloroethyl)ether	<10.0	<10.0	1	10
Bis(2-ethylhexyl)phthalate	<10.0	<10.0	1	10
Bromodichloromethane	<10.0	<10.0	1	10
Bromoform	<10.0	<10.0	1	10
Cadmium	<1.00	<1.00	1	1
Carbon Tetrachloride	<2.00	<2.00	1	2
Carbaryl	<5.00	<5.00	1	5
Chlordane*	<0.109	<0.109	1	0.2
Chlorobenzene	<10.0	<10.0	1	10
Chlorodibromomethane	<10.0	<10.0	1	10

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Chloroform	<10.0	<10.0	1	10
Chlorpyrifos	<0.0506	<0.0506	1	0.05
Chromium (Total)	<3.00	<3.00	1	3
Chromium (Tri) (*1)	<6.00	<6.00	N/A	N/A
Chromium (Hex)	8.95	8.95	1	3
Copper	9.23	9.23	1	2
Chrysene	<5.00	<5.00	1	5
p-Chloro-m-Cresol	<10.0	<10.0	1	10
4,6-Dinitro-o-Cresol	<50.0	<50.0	1	50
p-Cresol	<10.0	<10.0	1	10
Cyanide (*2)	4.45	4.45	1	10
4,4'- DDD	<0.010	<0.010	1	0.1
4,4'- DDE	<0.010	<0.010	1	0.1
4,4'- DDT	<0.010	<0.010	1	0.02
2,4-D	<0.700	<0.700	1	0.7
Demeton (O and S)	<0.202	<0.202	1	0.20
Diazinon	<0.516	<0.516	1	0.5/0.1
1,2-Dibromoethane	<10.0	<10.0	1	10
m-Dichlorobenzene	<10.0	<10.0	1	10
o-Dichlorobenzene	<10.0	<10.0	1	10
p-Dichlorobenzene	<10.0	<10.0	1	10
3,3'-Dichlorobenzidine	<5.00	<5.00	1	5
1,2-Dichloroethane	<10.0	<10.0	1	10
1,1-Dichloroethylene	<10.0	<10.0	1	10
Dichloromethane	<20.0	<20.0	1	20
1,2-Dichloropropane	<10.0	<10.0	1	10
1,3-Dichloropropene	<10.0	<10.0	1	10
Dicofol	<0.055	<0.055	1	1
Dieldrin	<0.010	<0.010	1	0.02
2,4-Dimethylphenol	<10.0	<10.0	1	10
Di-n-Butyl Phthalate	<10.0	<10.0	1	10
Diuron	<0.0463	<0.0463	1	0.09
Endosulfan I (alpha)	<0.010	<0.010	1	0.01

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Endosulfan II (beta)	<0.010	<0.010	1	0.02
Endosulfan Sulfate	<0.010	<0.010	1	0.1
Endrin	<0.010	<0.010	1	0.02
Ethylbenzene	<10.0	<10.0	1	10
Fluoride	<250	<250	1	500
Guthion	<0.101	<0.101	1	0.1
Heptachlor	<0.010	<0.010	1	0.01
Heptachlor Epoxide	<0.010	<0.010	1	0.01
Hexachlorobenzene	<5.00	<5.00	1	5
Hexachlorobutadiene	<10.0	<10.0	1	10
Hexachlorocyclohexane (alpha)	<0.010	<0.010	1	0.05
Hexachlorocyclohexane (beta)	<0.010	<0.010	1	0.05
gamma-Hexachlorocyclohexane (Lindane)	<0.010	<0.010	1	0.05
Hexachlorocyclopentadiene	<10.0	<10.0	1	10
Hexachloroethane	<20.0	<20.0	1	20
Hexachlorophene	<10.0	<10.0	1	10
Lead	<0.50	<0.50	1	0.5
Malathion	<0.103	<0.103	1	0.1
Mercury	<0.005	<0.005	1	0.005
Methoxychlor	<0.010	<0.010	1	2
Methyl Ethyl Ketone	<50.0	<50.0	1	50
Mirex	<0.010	<0.010	1	0.02
Nickel	2.36	2.36	1	2
Nitrate-Nitrogen	<100	<100	1	100
Nitrobenzene	<10.0	<10.0	1	10
N-Nitrosodiethylamine	<20.0	<20.0	1	20
N-Nitroso-di-n-Butylamine	<20.0	<20.0	1	20
Nonylphenol	<333	<333	1	333
Parathion (ethyl)	<0.103	<0.103	1	0.1
Pentachlorobenzene	<20.0	<20.0	1	20
Pentachlorophenol	<5.0	<5.0	1	5
Phenanthrene	<10.0	<10.0	1	10

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Polychlorinated Biphenyls (PCB's) (*3)	<0.0500	<0.0500	1	0.2
Pyridine	<20.0	<20.0	1	20
Selenium	<5.00	<5.00	1	5
Silver	<0.50	<0.50	1	0.5
1,2,4,5-Tetrachlorobenzene	<10.0	<10.0	1	20
1,1,2,2-Tetrachloroethane	<10.0	<10.0	1	10
Tetrachloroethylene	<10.0	<10.0	1	10
Thallium	<0.50	<0.50	1	0.5
Toluene	<10.0	<10.0	1	10
Toxaphene	<0.100	<0.100	1	0.3
2,4,5-TP (Silvex)	<0.300	<0.300	1	0.3
Tributyltin (see instructions for explanation)	N/A	N/A	1	0.01
1,1,1-Trichloroethane	<10.0	<10.0	1	10
1,1,2-Trichloroethane	<10.0	<10.0	1	10
Trichloroethylene	<10.0	<10.0	1	10
2,4,5-Trichlorophenol	<10.0	<10.0	1	50
TTHM (Total Trihalomethanes)	<10.0	<10.0	1	10
Vinyl Chloride	<10.0	<10.0	1	10
Zinc	44.5	44.5	1	5

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

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

(*3) The sum of seven PCB congeners 1242, 125<1.004, 1221, 1232, 1248, 1260, and 1016.

Section 2. Priority Pollutants

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

Grab ☒

Composite ☒

Date and time sample(s) collected: **See Attachment G.**

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	1.27	1.27	1	5
Arsenic	3.54	3.54	1	0.5
Beryllium	<0.20	<0.20	1	0.5
Cadmium	<1.00	<1.00	1	1
Chromium (Total)	<3.00	<3.00	1	3
Chromium (Hex)	8.95	8.95	1	3
Chromium (Tri) (*1)	<6.00	<6.00	1	N/A
Copper	9.23	9.23	1	2
Lead	<0.50	<0.50	1	0.5
Mercury	<0.005	<0.005	1	0.005
Nickel	2.36	2.36	1	2
Selenium	<5.0	<5.0	1	5
Silver	<0.50	<0.50	1	0.5
Thallium	<0.50	<0.50	1	0.5
Zinc	44.5	44.5	1	5
Cyanide (*2)	4.45	4.45	1	10
Phenols, Total	<10.0	<10.0	1	10

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

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

Table 4.0(2)B – Volatile Compounds

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Acrolein	<50.0	<50.0	1	50
Acrylonitrile	<50.0	<50.0	1	50
Benzene	<10.0	<10.0	1	10
Bromoform	<10.0	<10.0	1	10
Carbon Tetrachloride	<2.00	<2.00	1	2
Chlorobenzene	<10.0	<10.0	1	10
Chlorodibromomethane	<10.0	<10.0	1	10
Chloroethane	<50.0	<50.0	1	50
2-Chloroethylvinyl Ether	<10.0	<10.0	1	10
Chloroform	<10.0	<10.0	1	10
Dichlorobromomethane [Bromodichloromethane]	<10.0	<10.0	1	10
1,1-Dichloroethane	<10.0	<10.0	1	10
1,2-Dichloroethane	<10.0	<10.0	1	10
1,1-Dichloroethylene	<10.0	<10.0	1	10
1,2-Dichloropropane	<10.0	<10.0	1	10
1,3-Dichloropropylene [1,3-Dichloropropene]	<10.0	<10.0	1	10
1,2-Trans-Dichloroethylene	<10.0	<10.0	1	10
Ethylbenzene	<10.0	<10.0	1	10
Methyl Bromide	<50.0	<50.0	1	50
Methyl Chloride	<50.0	<50.0	1	50
Methylene Chloride	<20.0	<20.0	1	20
1,1,2,2-Tetrachloroethane	<10.0	<10.0	1	10
Tetrachloroethylene	<10.0	<10.0	1	10
Toluene	<10.0	<10.0	1	10
1,1,1-Trichloroethane	<10.0	<10.0	1	10
1,1,2-Trichloroethane	<10.0	<10.0	1	10
Trichloroethylene	<10.0	<10.0	1	10
Vinyl Chloride	<10.0	<10.0	1	10

Table 4.0(2)C – Acid Compounds

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
2-Chlorophenol	<10.0	<10.0	1	10
2,4-Dichlorophenol	<10.0	<10.0	1	10
2,4-Dimethylphenol	<10.0	<10.0	1	10
4,6-Dinitro-o-Cresol	<50.0	<50.0	1	50
2,4-Dinitrophenol	<50.0	<50.0	1	50
2-Nitrophenol	<20.0	<20.0	1	20
4-Nitrophenol	<50.0	<50.0	1	50
P-Chloro-m-Cresol	<10.0	<10.0	1	10
Pentalchlorophenol	<5.00	<5.00	1	5
Phenol	<10.0	<10.0	1	10
2,4,6-Trichlorophenol	<10.0	<10.0	1	10

Table 4.0(2)D – Base/Neutral Compounds

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Acenaphthene	<10.0	<10.0	1	10
Acenaphthylene	<10.0	<10.0	1	10
Anthracene	<10.0	<10.0	1	10
Benzidine	<50.0	<50.0	1	50
Benzo(a)Anthracene	<5.00	<5.00	1	5
Benzo(a)Pyrene	<5.00	<5.00	1	5
3,4-Benzofluoranthene	<5.00	<5.00	1	10
Benzo(ghi)Perylene	<20.0	<20.0	1	20
Benzo(k)Fluoranthene	<5.00	<5.00	1	5
Bis(2-Chloroethoxy)Methane	<10.0	<10.0	1	10
Bis(2-Chloroethyl)Ether	<10.0	<10.0	1	10
Bis(2-Chloroisopropyl)Ether	<10.0	<10.0	1	10
Bis(2-Ethylhexyl)Phthalate	<10.0	<10.0	1	10
4-Bromophenyl Phenyl Ether	<10.0	<10.0	1	10
Butyl benzyl Phthalate	<10.0	<10.0	1	10
2-Chloronaphthalene	<10.0	<10.0	1	10
4-Chlorophenyl phenyl ether	<10.0	<10.0	1	10
Chrysene	<5.00	<5.00	1	5
Dibenzo(a,h)Anthracene	<5.00	<5.00	1	5
1,2-(o)Dichlorobenzene	<10.0	<10.0	1	10
1,3-(m)Dichlorobenzene	<10.0	<10.0	1	10
1,4-(p)Dichlorobenzene	<10.0	<10.0	1	10
3,3-Dichlorobenzidine	<5.00	<5.00	1	5
Diethyl Phthalate	<10.0	<10.0	1	10
Dimethyl Phthalate	<10.0	<10.0	1	10
Di-n-Butyl Phthalate	<10.0	<10.0	1	10
2,4-Dinitrotoluene	<10.0	<10.0	1	10
2,6-Dinitrotoluene	<10.0	<10.0	1	10
Di-n-Octyl Phthalate	<10.0	<10.0	1	10
1,2-Diphenylhydrazine (as Azo-benzene)	<20.0	<20.0	1	20
Fluoranthene	<10.0	<10.0	1	10

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Fluorene	<10.0	<10.0	1	10
Hexachlorobenzene	<5.00	<5.00	1	5
Hexachlorobutadiene	<10.0	<10.0	1	10
Hexachlorocyclo-pentadiene	<10.0	<10.0	1	10
Hexachloroethane	<20.0	<20.0	1	20
Indeno(1,2,3-cd)pyrene	<5.00	<5.00	1	5
Isophorone	<10.0	<10.0	1	10
Naphthalene	<10.0	<10.0	1	10
Nitrobenzene	<10.0	<10.0	1	10
N-Nitrosodimethylamine	<50.0	<50.0	1	50
N-Nitrosodi-n-Propylamine	<20.0	<20.0	1	20
N-Nitrosodiphenylamine	<20.0	<20.0	1	20
Phenanthrene	<10.0	<10.0	1	10
Pyrene	<10.0	<10.0	1	10
1,2,4-Trichlorobenzene	<10.0	<10.0	1	10

Table 4.0(2)E - Pesticides

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Aldrin	<0.010	<0.010	1	0.01
alpha-BHC (Hexachlorocyclohexane)	<0.010	<0.010	1	0.05
beta-BHC (Hexachlorocyclohexane)	<0.010	<0.010	1	0.05
gamma-BHC (Hexachlorocyclohexane)	<0.010	<0.010	1	0.05
delta-BHC (Hexachlorocyclohexane)	<0.010	<0.010	1	0.05
Chlordane	<0.010	<0.010	1	0.2
4,4-DDT	<0.010	<0.010	1	0.02
4,4-DDE	<0.010	<0.010	1	0.1
4,4,-DDD	<0.010	<0.010	1	0.1
Dieldrin	<0.010	<0.010	1	0.02
Endosulfan I (alpha)	<0.010	<0.010	1	0.01
Endosulfan II (beta)	<0.010	<0.010	1	0.02
Endosulfan Sulfate	<0.010	<0.010	1	0.1
Endrin	<0.010	<0.010	1	0.02
Endrin Aldehyde	<0.010	<0.010	1	0.1
Heptachlor	<0.010	<0.010	1	0.01
Heptachlor Epoxide	<0.010	<0.010	1	0.01
PCB-1242	<0.0500	<0.0500	1	0.2
PCB-1254	<0.0500	<0.0500	1	0.2
PCB-1221	<0.0500	<0.0500	1	0.2
PCB-1232	<0.0500	<0.0500	1	0.2
PCB-1248	<0.0500	<0.0500	1	0.2
PCB-1260	<0.0500	<0.0500	1	0.2
PCB-1016	<0.0500	<0.0500	1	0.2
Toxaphene	<0.100	<0.100	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.

[Click to enter text.](#)

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

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

Grab ☐ Composite ☐

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

Table 4.0(2)F – Dioxin/Furan Compounds

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

DOMESTIC WASTEWATER PERMIT APPLICATION

WORKSHEET 5.0: TOXICITY TESTING REQUIREMENTS

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

This worksheet is not required minor amendments without renewal.

Section 1. Required Tests (Instructions Page 88)

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

7-day Chronic: N/A

48-hour Acute: 18- *Daphnia pulex*, 18 -*Pimephales promelas*

Section 2. Toxicity Reduction Evaluations (TREs)

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

☐ Yes ☒ No

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

Click to enter text.

Section 3. Summary of WET Tests

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

Table 5.0(1) Summary of WET Tests

Test Date	Test Species	NOEC Survival	NOEC Sub-lethal
All test results have been submitted via DMR and Table 1.			

DOMESTIC WASTEWATER PERMIT APPLICATION

WORKSHEET 6.0: INDUSTRIAL WASTE CONTRIBUTION

The following is required for all publicly owned treatment works.

Section 1. All POTWs (Instructions Page 89)

A. Industrial users (IUs)

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

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

Categorical IUs:

Number of IUs: 0 (zero)

Average Daily Flows, in MGD: 0

Significant IUs - non-categorical:

Number of IUs: 2

Average Daily Flows, in MGD: 0.005

Other IUs:

Number of IUs: 2

Average Daily Flows, in MGD: 0.067

B. Treatment plant interference

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

☐ Yes ☒ No

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

Click to enter text.

C. Treatment plant pass through

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

☐ Yes ☒ No

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

Click to enter text.

D. Pretreatment program

Does your POTW have an approved pretreatment program?

☒ Yes ☐ No

If **yes**, complete Section 2 only of this Worksheet.

Is your POTW required to develop an approved pretreatment program?

☐ Yes ☐ No

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

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

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

A. Substantial modifications

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

☐ Yes ☒ No

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

Click to enter text.

B. Non-substantial modifications

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

☐ Yes ☒ No

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

Click to enter text.

C. Effluent parameters above the MAL

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

Table 6.0(1) – Parameters Above the MAL

Pollutant	Concentration	MAL	Units	Date
See Attachment H.				

D. Industrial user interruptions

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

☐ Yes ☒ No

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

Click to enter text.

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

A. General information N/A

Company Name:

SIC Code: [Click to enter text.](#)

Contact name: [Click to enter text.](#)

Address: [Click to enter text.](#)

City, State, and Zip Code: [Click to enter text.](#)

Telephone number: [Click to enter text.](#)

Email address: [Click to enter text.](#)

B. Process information

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

[Click to enter text.](#)

C. Product and service information

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

[Click to enter text.](#)

D. Flow rate information

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

Process Wastewater:

Discharge, in gallons/day: [Click to enter text.](#)

Discharge Type: ☐ Continuous ☐ Batch ☐ Intermittent

Non-Process Wastewater:

Discharge, in gallons/day: [Click to enter text.](#)

Discharge Type: ☐ Continuous ☐ Batch ☐ Intermittent

E. Pretreatment standards

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

Category: Subcategories: [Click to enter text.](#)

[Click or tap here to enter text.](#) [Click to enter text.](#)

Category: [Click to enter text.](#)

Subcategories: [Click to enter text.](#)

Category: [Click to enter text.](#)

Subcategories: [Click to enter text.](#)

Category: [Click to enter text.](#)

Subcategories: [Click to enter text.](#)

Category: [Click to enter text.](#)

Subcategories: [Click to enter text.](#)

F. Industrial user interruptions

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

☐ Yes ☐ No

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

[Click to enter text.](#)

**CITY OF VICTORIA
ODEM STREET WASTEWATER TREATMENT FACILITY
TEXAS POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT
APPLICATION FOR PERMIT RENEWAL**

ATTACHMENT

- A. Core Data Form
- B. Plain Language Summary
- C. USGS Map
- D. Treatment Units
- E. Process Flow Diagram
- F. Site Drawing
- G. Effluent Analysis Reports
- H. Parameters above the MAL
- SPIF – Supplemental Permit Information Form

REFERENCE

- Admin Report 1.0, Section 3.C
- Admin Report 1.0, Section 8.F
- Admin Report 1.0, Section 13
- Tech Report 1.0, Section 2 B
- Tech Report 1.0, Section 2.C
- Tech Report 1.0, Section 3
- Tech Report 1.0, Section 7 and
Worksheet 4.0
- Worksheet 6.0, Section 2.C

Attachment A
Core Data Form
Admin Report 1.0, Section 3.C



TCEQ Core Data Form

For detailed instructions on completing this form, please read the Core Data Form Instructions or call 512-239-5175.

SECTION I: General Information

1. Reason for Submission (If other is checked please describe in space provided.)		
☐ New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
☒ Renewal (Core Data Form should be submitted with the renewal form)		☐ Other
2. Customer Reference Number (if issued)	Follow this link to search for CN or RN numbers in Central Registry**	3. Regulated Entity Reference Number (if issued)
CN 600243257		RN 106030430

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)			
☐ New Customer		☐ Update to Customer Information		☐ Change in Regulated Entity Ownership	
☐ Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)					
The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).					
6. Customer Legal Name (If an individual, print last name first: eg: Doe, John)				<i>If new Customer, enter previous Customer below:</i>	
City of Victoria					
7. TX SOS/CPA Filing Number		8. TX State Tax ID (11 digits)		9. Federal Tax ID (9 digits)	10. DUNS Number (if applicable)
11. Type of Customer:		☐ Corporation		☐ Individual	Partnership: ☐ General ☐ Limited
Government: ☒ City ☐ County ☐ Federal ☐ Local ☐ State ☐ Other		☐ Sole Proprietorship		☐ Other:	
12. Number of Employees				13. Independently Owned and Operated?	
☐ 0-20 ☐ 21-100 ☐ 101-250 ☐ 251-500 ☒ 501 and higher				☒ Yes ☐ No	
14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following					
☐ Owner		☐ Operator		☒ Owner & Operator	
☐ Occupational Licensee		☐ Responsible Party		☐ VCP/BSA Applicant	
☐ Other:					
15. Mailing Address:	P.O. Box 1758				
City	Victoria	State	TX	ZIP	77902
ZIP + 4					
16. Country Mailing Information (if outside USA)				17. E-Mail Address (if applicable)	
				kgill@victoriatx.org	
18. Telephone Number		19. Extension or Code		20. Fax Number (if applicable)	
(361) 485-3414				() -	

SECTION III: Regulated Entity Information

21. General Regulated Entity Information (If 'New Regulated Entity' is selected, a new permit application is also required.)								
☐ New Regulated Entity ☐ Update to Regulated Entity Name ☒ Update to Regulated Entity Information								
<i>The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).</i>								
22. Regulated Entity Name (Enter name of the site where the regulated action is taking place.)								
Odem Street Wastewater Treatment Facility								
23. Street Address of the Regulated Entity: (No PO Boxes)	1309 Southwest Ben Jordan Street							
	City	Victoria	State	TX	ZIP	77901	ZIP + 4	
24. County	Victoria							

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

25. Description to Physical Location:								
26. Nearest City					State		Nearest ZIP Code	
Victoria					TX		77901	
<i>Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).</i>								
27. Latitude (N) In Decimal:			28.779722			28. Longitude (W) In Decimal:		-96.991666
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds			
29. Primary SIC Code		30. Secondary SIC Code		31. Primary NAICS Code		32. Secondary NAICS Code		
(4 digits)		(4 digits)		(5 or 6 digits)		(5 or 6 digits)		
4952				221320				
33. What is the Primary Business of this entity? (Do not repeat the SIC or NAICS description.)								
Treatment of domestic wastewater								
34. Mailing Address:		P.O. Box 1758						
		City	Victoria	State	TX	ZIP	77905	ZIP + 4
35. E-Mail Address:		kgill@victoriatx.org						
36. Telephone Number			37. Extension or Code			38. Fax Number (if applicable)		
(361) 485-3381						() -		

39. TCEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this form. See the Core Data Form instructions for additional guidance.

☐ Dam Safety	☐ Districts	☐ Edwards Aquifer	☐ Emissions Inventory Air	☐ Industrial Hazardous Waste
-------------------------------------	------------------------------------	--	--	---

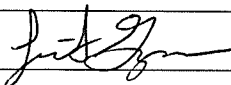
☐ Municipal Solid Waste	☐ New Source Review Air	☐ OSSF	☐ Petroleum Storage Tank	☐ PWS
☐ Sludge	☐ Storm Water	☐ Title V Air	☐ Tires	☐ Used Oil
☐ Voluntary Cleanup	☒ Wastewater	☐ Wastewater Agriculture	☐ Water Rights	☐ Other:
	WQ0010466002			

SECTION IV: Preparer Information

40. Name:	Janet Sims		41. Title:	Project Manager
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address	
(512) 735-1001		() -	Janet.Sims@meadhunt.com	

SECTION V: Authorized Signature

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

Company:	City of Victoria	Job Title:	City Manager
Name (In Print):	Jesús Garza	Phone:	(361) 485- 3030
Signature:			Date: Jan 28, 2025

Attachment B
Plain Language Summary
Admin Report 1.0, Section 8.F



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

PLAIN LANGUAGE SUMMARY FOR TPDES OR TLAP PERMIT APPLICATIONS

Plain Language Summary 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 as required by [Title 30, Texas Administrative Code \(30 TAC\), Chapter 39, Subchapter H](#). Applicants may modify the template as necessary to accurately describe their 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 the applicant 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.

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 Enter 'INDUSTRIAL' or 'DOMESTIC' here 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.

City of Victoria (CN600243257) operates the Odem Street Wastewater Treatment Facility (106030430), an activated sludge process plant. The facility is located at 1309 Southwest Ben Jordan, in the City of Victoria, in Victoria County, Texas 77902. This application is for a renewal to discharge to the Guadalupe River at an annual average flow of 4.4 million gallons per day of treated domestic wastewater in the Interim phase and 6.6 million gallons per day in the Final phase.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD₅), total suspended solids (TSS), ammonia nitrogen (NH₃-N), and *Escherichia coli*. Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7. Pollutant Analysis of Treated Effluent in the permit application package. Domestic water is treated by a mechanical bar screen, aeration basins, final clarifiers, and ultraviolet disinfection channels.

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

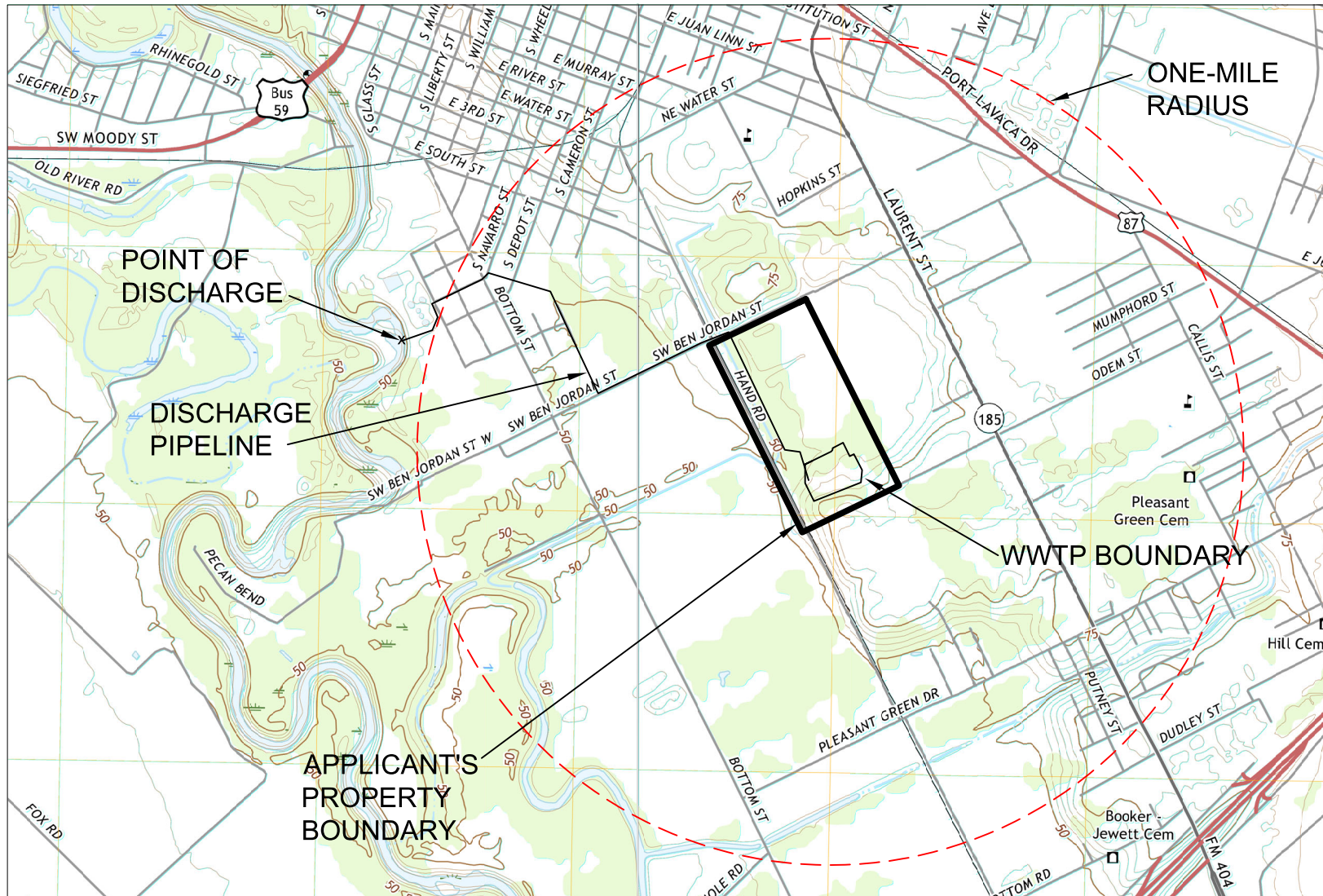
AGUAS RESIDUALES DOMÉSTICAS /AGUAS PLUVIALES

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.

La Ciudad de Victoria (CN600243257) opera la Planta de Tratamiento de Aguas Residuales de Odem Street (RN106030430), una planta de procesamiento de lodos activados. La instalación está ubicada en 1309 Southwest Ben Jordan, en la ciudad de Victoria, Condado de Victoria, Texas 77902. Esta solicitud es para una renovación para descargar al río Guadalupe a un flujo promedio anual de 4.4 millones de galones por día de aguas residuales domésticas tratadas en la fase intermedia y 6.6 millones de galones por día en la fase final.

Se espera que las descargas de la instalación contengan una demanda bioquímica carbonosa de oxígeno (CBOD5) de cinco días, sólidos suspendidos totales (TSS), nitrógeno amoniacal (NH3-N) y Escherichia coli. En la sección 7 Análisis de Contaminantes de Efluentes Tratados del Informe Técnico Doméstico 1.0 en el paquete de solicitud de permisos se incluyen contaminantes potenciales adicionales. Las aguas residuales domésticas se tratan mediante una rejilla mecánica, cuencas de aireación, clarificadores finales y canales de desinfección ultravioleta.

Attachment C
USGS Map
Admin Report 1.0, Section 13



**ATTACHMENT C
CITY OF VICTORIA
ODEM STREET WASTEWATER TREATMENT FACILITY
TEXAS POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT APPLICATION
USGS MAP**

Attachment D
Treatment Units
Tech Report 1.0, Section 2.B

**ATTACHMENT D
CITY OF VICTORIA
ODEM STREET WASTEWATER TREATMENT FACILITY
TEXAS POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT
APPLICATION**

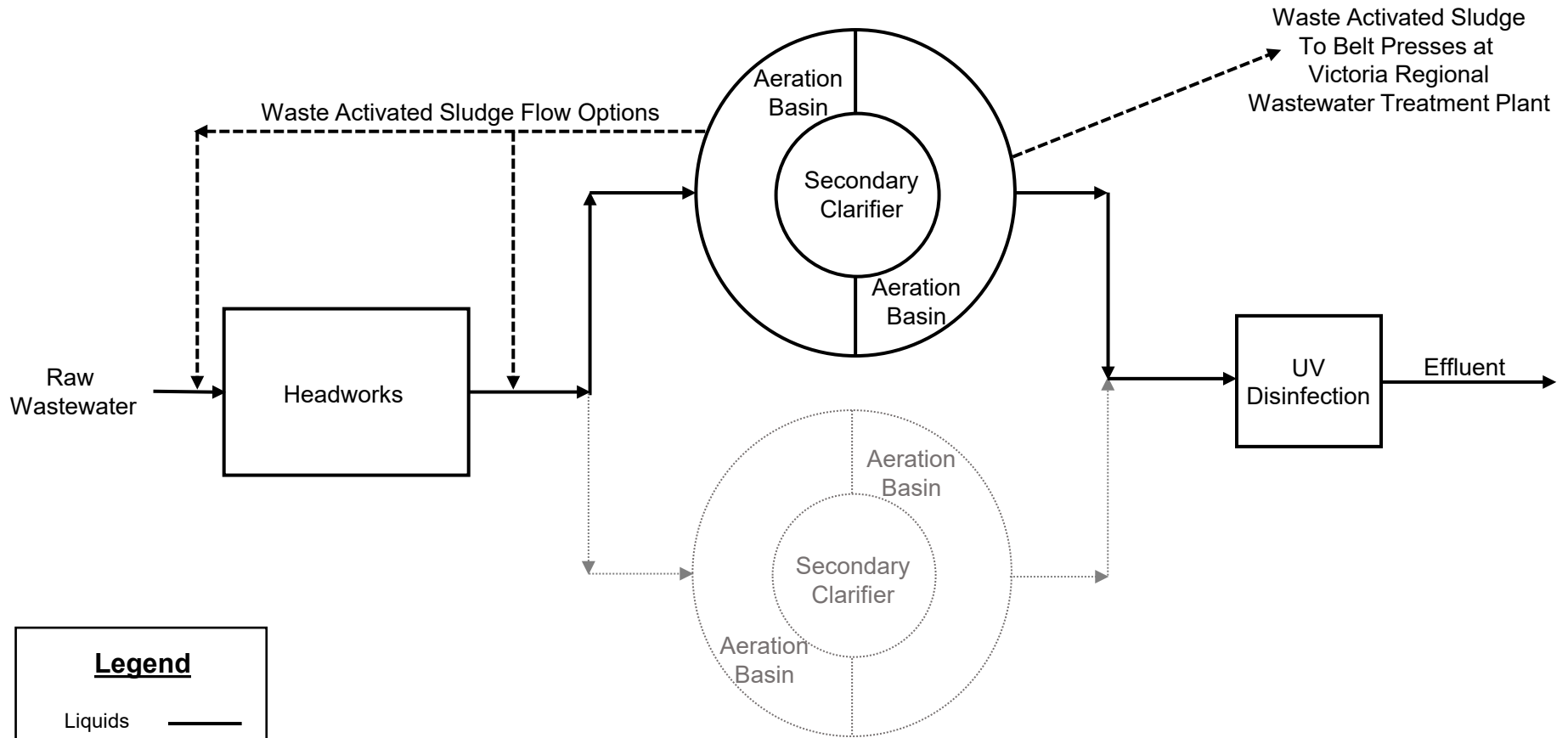
TREATMENT UNITS – EXISTING/INTERIM PHASE

Treatment Unit Type	Number of Units	Volume
Bar Screen	1	Mechanical
Aeration Basins	2	182,520 cu. ft.
Clarifier	1	257,650 cu. ft.
UV Channels	2 basins	279 sq. ft.

TREATMENT UNITS – FINAL PHASE

Treatment Unit Type	Number of Units	Volume
Bar Screen	1	Mechanical
Aeration Basins	4	365,040 cu. ft.
Clarifier	2	515,300 cu. ft.
UV Channels	2 basins	558 sq. ft.

Attachment E
Process Flow Diagram
Tech Report 1.0, Section 2.C



Legend

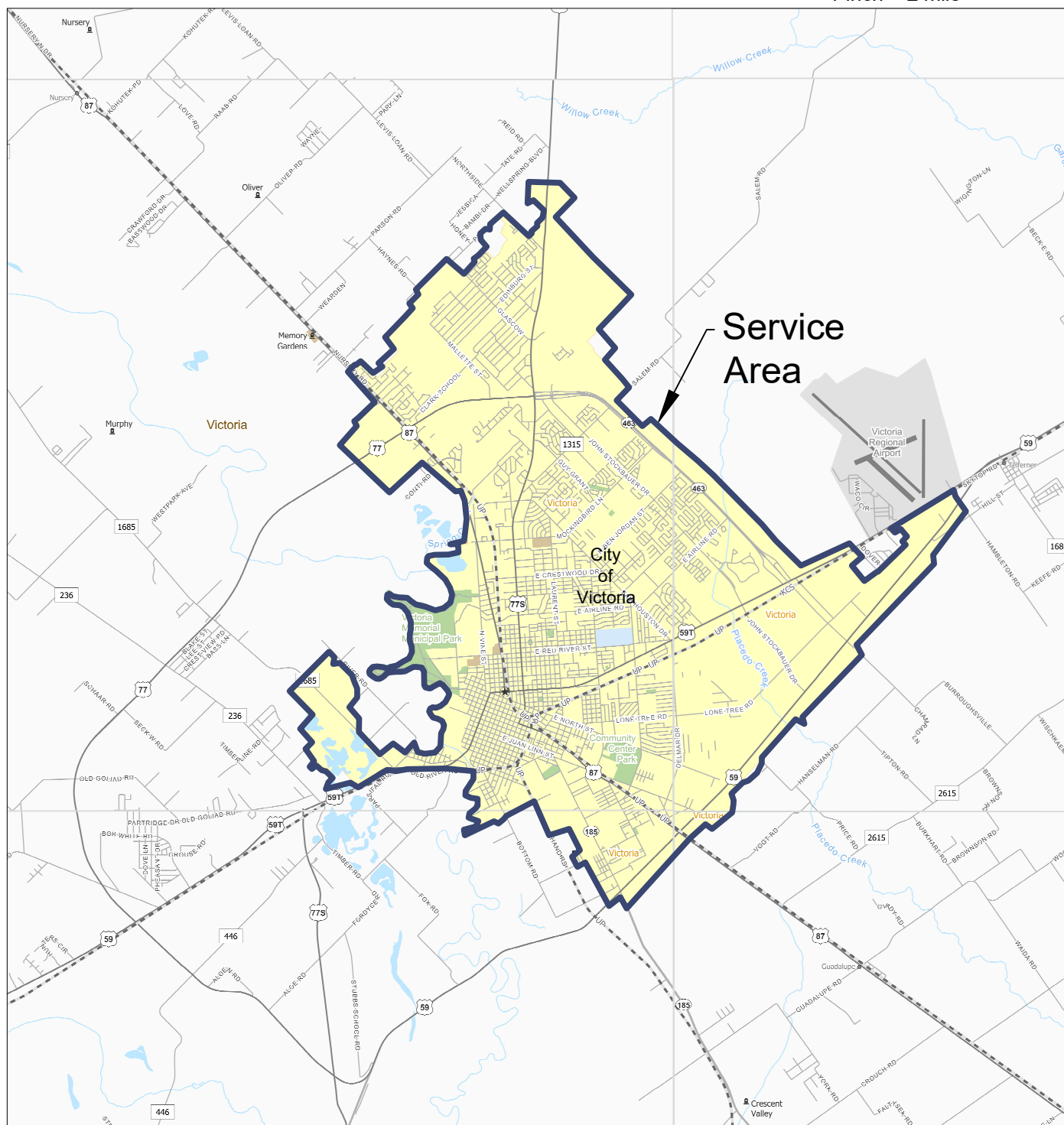
Liquids ———

Solids - - - - -

Future
Phase ·······

**ATTACHMENT E
CITY OF VICTORIA
ODEM STREET WASTEWATER TREATMENT FACILITY
TEXAS POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT APPLICATION
PROCESS FLOW DIAGRAM**

Attachment F
Site Drawing
Tech Report 1.0, Section 3



**ATTACHMENT F
CITY OF VICTORIA
ODEM STREET WASTEWATER TREATMENT FACILITY
TEXAS POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT APPLICATION
SITE DRAWING**

Attachment G
Effluent Analysis Reports
Tech Report 1.0, Section 7
and Worksheet 4.0



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

November 14, 2024

Laboratory Report

Josh Marquez
City of Victoria
702 Main Street
Victoria, TX 77901

Report ID: 20241114081020JKW

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

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

Sincerely,

Justin Wood For Deena Higginbotham
Director of Client Services



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

City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Sample Results

Client Sample ID: 18 Mohm DI - Outfall 001

Lab Sample ID: 24D3974-01

Odem Street WWTP - Table 2&3 - Outfall 001- Grab 1 [none]

Sample Matrix: 18 MOhm DI Water

Date Collected: 05/15/2024 15:00

Collected by: Joshua Marquet

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
--------	---------	---	----------	-------	----	-----	-----	-------	----------	---------

Metals, Total

EPA 1631E	Mercury	A	<0.00250U	ug/L	1	0.00250	0.00500	BHE3886	05/30/2024 10:17	ISS
-----------	---------	---	-----------	------	---	---------	---------	---------	------------------	-----

* A = Accredited, N = Not Accredited or Accreditation not available



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

City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Sample Results
(Continued)

Client Sample ID: Outfall 001
Lab Sample ID: 24D3974-02
Odem Street WWTP - Table 2&3 - Outfall 001- Grab 1 [none]

Sample Matrix: Waste Water
Date Collected: 05/15/2024 15:00
Collected by: Joshua Marquet

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
--------	---------	---	----------	-------	----	-----	-----	-------	----------	---------

Metals, Total

EPA 1631E	Mercury	A	<0.00250U	ug/L	1	0.00250	0.00500	BHE3886	05/30/2024 10:22	ISS
-----------	---------	---	-----------	------	---	---------	---------	---------	------------------	-----

* A = Accredited, N = Not Accredited or Accreditation not available



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

City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Sample Results
(Continued)

Client Sample ID: Outfall 001 4 Part Grab

Lab Sample ID: 24D3974-03

Odem Street WWTP - Table 2&3 - Outfall 001- Grab 1

[none]

Sample Matrix: Waste Water

Date Collected: 05/15/2024 15:00

Collected by: Joshua Marquet

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
Field										
Calc	Flow Field	N	0.680	MGD	1	0.00	0.00	BHE3422	05/15/2024 15:00	CLNT



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

City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Sample Results
(Continued)

Client Sample ID: 18 Mohm DI - Outfall 001

Sample Matrix: 18 MOhm DI Water

Lab Sample ID: 24D3975-01

Date Collected: 05/15/2024 19:00

Odem Street WWTP - Table 2&3 - Outfall 001- Grab 2 [none]

Collected by: Joshua Marquet

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
--------	---------	---	----------	-------	----	-----	-----	-------	----------	---------

Metals, Total

EPA 1631E	Mercury	A	<0.00250U	ug/L	1	0.00250	0.00500	BHE3885	05/30/2024 12:01	ISS
-----------	---------	---	-----------	------	---	---------	---------	---------	------------------	-----

* A = Accredited, N = Not Accredited or Accreditation not available



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

City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Sample Results
(Continued)

Client Sample ID: Outfall 001 Sample Matrix: Waste Water
Lab Sample ID: 24D3975-02 Date Collected: 05/15/2024 19:00
Odem Street WWTP - Table 2&3 - Outfall 001- Grab 2 [none] Collected by: Joshua Marquet

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
--------	---------	---	----------	-------	----	-----	-----	-------	----------	---------

Metals, Total

EPA 1631E	Mercury	A	<0.00250U	ug/L	1	0.00250	0.00500	BHE3885	05/30/2024 12:09	ISS
-----------	---------	---	-----------	------	---	---------	---------	---------	------------------	-----

* A = Accredited, N = Not Accredited or Accreditation not available



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

City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Sample Results
(Continued)

Client Sample ID: Outfall 001 4 Part Grab Sample Matrix: Waste Water
Lab Sample ID: 24D3975-03 Date Collected: 05/15/2024 19:00
Odem Street WWTP - Table 2&3 - Outfall 001- Grab 2 [none] Collected by: Joshua Marquet

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
Field										
Calc	Flow Field	N	1.63	MGD	1	0.00	0.00	BHE3421	05/15/2024 19:00	CLNT

* A = Accredited, N = Not Accredited or Accreditation not available



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

City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Sample Results
(Continued)

Client Sample ID: 18 Mohm DI - Outfall 001

Sample Matrix: 18 MOhm DI Water

Lab Sample ID: 24D3976-01

Date Collected: 05/15/2024 22:00

Odem Street WWTP - Table 2&3 - Outfall 001- Grab 3 [none]

Collected by: Cody Valle

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
--------	---------	---	----------	-------	----	-----	-----	-------	----------	---------

Metals, Total

EPA 1631E	Mercury	A	<0.00250U	ug/L	1	0.00250	0.00500	BHE3885	05/30/2024 12:24	ISS
-----------	---------	---	-----------	------	---	---------	---------	---------	------------------	-----

* A = Accredited, N = Not Accredited or Accreditation not available



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

City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Sample Results
(Continued)

Client Sample ID: Outfall 001

Lab Sample ID: 24D3976-02

Odem Street WWTP - Table 2&3 - Outfall 001- Grab 3

[none]

Sample Matrix: Waste Water

Date Collected: 05/15/2024 22:00

Collected by: Cody Valle

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
--------	---------	---	----------	-------	----	-----	-----	-------	----------	---------

Metals, Total

EPA 1631E	Mercury	A	<0.00250U	ug/L	1	0.00250	0.00500	BHE3885	05/30/2024 12:31	ISS
-----------	---------	---	-----------	------	---	---------	---------	---------	------------------	-----

* A = Accredited, N = Not Accredited or Accreditation not available



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

City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Sample Results
(Continued)

Client Sample ID: Outfall 001 4 Part Grab

Sample Matrix: Waste Water

Lab Sample ID: 24D3976-03

Date Collected: 05/15/2024 22:00

Odem Street WWTP - Table 2&3 - Outfall 001- Grab 3 [none]

Collected by: Cody Valle

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
--------	---------	---	----------	-------	----	-----	-----	-------	----------	---------

Field

Calc	Flow Field	N	1.68	MGD	1	0.00	0.00	BHE3420	05/15/2024 22:00	CLNT
------	------------	---	------	-----	---	------	------	---------	------------------	------

* A = Accredited, N = Not Accredited or Accreditation not available



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

City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Sample Results
(Continued)

Client Sample ID: 18 Mohm DI - Outfall 001

Sample Matrix: 18 MOhm DI Water

Lab Sample ID: 24D3977-01

Date Collected: 05/16/2024 4:00

Odem Street WWTP - Table 2&3 - Outfall 001 -Grab 4

[none]

Collected by: Cody Valle

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
--------	---------	---	----------	-------	----	-----	-----	-------	----------	---------

Metals, Total

EPA 1631E	Mercury	A	<0.00250U	ug/L	1	0.00250	0.00500	BHE3885	05/30/2024 12:41	ISS
-----------	---------	---	-----------	------	---	---------	---------	---------	------------------	-----

* A = Accredited, N = Not Accredited or Accreditation not available



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

City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Sample Results
(Continued)

Client Sample ID: Outfall 001
Lab Sample ID: 24D3977-02
Odem Street WWTP - Table 2&3 - Outfall 001 -Grab 4 [none]

Sample Matrix: Waste Water
Date Collected: 05/16/2024 4:00
Collected by: Cody Valle

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
--------	---------	---	----------	-------	----	-----	-----	-------	----------	---------

Metals, Total

EPA 1631E	Mercury	A	<0.00250U	ug/L	1	0.00250	0.00500	BHE3885	05/30/2024 12:46	ISS
-----------	---------	---	-----------	------	---	---------	---------	---------	------------------	-----



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

City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Sample Results
(Continued)

Client Sample ID: Outfall 001 4 Part Grab

Lab Sample ID: 24D3977-03

Odem Street WWTP - Table 2&3 - Outfall 001 -Grab 4

[none]

Sample Matrix: Waste Water

Date Collected: 05/16/2024 4:00

Collected by: Cody Valle

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
--------	---------	---	----------	-------	----	-----	-----	-------	----------	---------

Field										
Calc	Flow Field	N	1.59	MGD	1	0.00	0.00	BHE3419	05/16/2024 04:00	CLNT



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Sample Results
(Continued)

Client Sample ID: Outfall 001 4 Part Grab Composite

Sample Matrix: Waste Water

Lab Sample ID: 24D3977-04

Date Collected: 05/16/2024 4:00

Odem Street WWTP - Table 2&3 - Outfall 001 -Grab 4

[none]

Collected by: Cody Valle

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
--------	---------	---	----------	-------	----	-----	-----	-------	----------	---------

Volatile Organic Compounds by GCMS

EPA 624.1	1,1,1-Trichloroethane	A	<0.622U	ug/L	1	0.622	10.0	BHE3580	05/21/2024 18:30	DDB
EPA 624.1	1,1,2,2-Tetrachloroethane	A	<0.867U	ug/L	1	0.867	10.0	BHE3580	05/21/2024 18:30	DDB
EPA 624.1	1,1,2-Trichloroethane	A	<0.789U	ug/L	1	0.789	10.0	BHE3580	05/21/2024 18:30	DDB
EPA 624.1	1,1-Dichloroethane	A	<0.967U	ug/L	1	0.967	10.0	BHE3580	05/21/2024 18:30	DDB
EPA 624.1	1,1-Dichloroethylene	A	<0.849U	ug/L	1	0.849	10.0	BHE3580	05/21/2024 18:30	DDB
EPA 624.1	1,2-Dibromoethane (EDB, Ethylene dibromide)	A	<0.706U	ug/L	1	0.706	10.0	BHE3580	05/21/2024 18:30	DDB
EPA 624.1	1,2-Dichlorobenzene (o-Dichlorobenzene)	A	<0.881U	ug/L	1	0.881	10.0	BHE3580	05/21/2024 18:30	DDB
EPA 624.1	1,2-Dichloroethane (Ethylene dichloride)	A	<0.870U	ug/L	1	0.870	10.0	BHE3580	05/21/2024 18:30	DDB
EPA 624.1	1,2-Dichloropropane	A	<0.854U	ug/L	1	0.854	10.0	BHE3580	05/21/2024 18:30	DDB
EPA 624.1	1,3-Dichlorobenzene (m-Dichlorobenzene)	A	<0.717U	ug/L	1	0.717	10.0	BHE3580	05/21/2024 18:30	DDB
EPA 624.1	1,4-Dichlorobenzene (p-Dichlorobenzene)	A	<0.641U	ug/L	1	0.641	10.0	BHE3580	05/21/2024 18:30	DDB
EPA 624.1	2-Butanone (Methyl ethyl ketone, MEK)	A	<7.38U	ug/L	1	7.38	50.0	BHE3580	05/21/2024 18:30	DDB
EPA 624.1	2-Chloroethyl vinyl ether	A	<3.14U	ug/L	1	3.14	10.0	BHE3580	05/21/2024 18:30	DDB
EPA 624.1	Acrolein (Propenal)	A	<5.68U	ug/L	1	5.68	50.0	BHE3580	05/21/2024 18:30	DDB
EPA 624.1	Acrylonitrile	A	<1.60U	ug/L	1	1.60	50.0	BHE3580	05/21/2024 18:30	DDB
EPA 624.1	Benzene	A	<0.604U	ug/L	1	0.604	10.0	BHE3580	05/21/2024 18:30	DDB
EPA 624.1	Carbon tetrachloride	A	<0.500U	ug/L	1	0.500	2.00	BHE3580	05/21/2024 18:30	DDB
EPA 624.1	Chlorobenzene	A	<0.724U	ug/L	1	0.724	10.0	BHE3580	05/21/2024 18:30	DDB
EPA 624.1	Chloroethane (Ethyl chloride)	A	<1.30U	ug/L	1	1.30	50.0	BHE3580	05/21/2024 18:30	DDB
EPA 624.1	cis-1,3-Dichloropropene	A	<0.580U	ug/L	1	0.580	10.0	BHE3580	05/21/2024 18:30	DDB
EPA 624.1	Ethylbenzene	A	<0.727U	ug/L	1	0.727	10.0	BHE3580	05/21/2024 18:30	DDB
EPA 624.1	Methyl bromide (Bromomethane)	A	<1.42U	ug/L	1	1.42	50.0	BHE3580	05/21/2024 18:30	DDB
EPA 624.1	Methyl chloride (Chloromethane)	A	<0.765U	ug/L	1	0.765	50.0	BHE3580	05/21/2024 18:30	DDB
EPA 624.1	Methylene chloride (Dichloromethane)	A	<1.60U	ug/L	1	1.60	20.0	BHE3580	05/21/2024 18:30	DDB
EPA 624.1	Tetrachloroethylene (Perchloroethylene)	A	<0.703U	ug/L	1	0.703	10.0	BHE3580	05/21/2024 18:30	DDB
EPA 624.1	Toluene	A	<0.649U	ug/L	1	0.649	10.0	BHE3580	05/21/2024 18:30	DDB
EPA 624.1	trans-1,2-Dichloroethylene	A	<0.899U	ug/L	1	0.899	10.0	BHE3580	05/21/2024 18:30	DDB
EPA 624.1	trans-1,3-Dichloropropylene	A	<0.496U	ug/L	1	0.496	10.0	BHE3580	05/21/2024 18:30	DDB
EPA 624.1	Trichloroethene (Trichloroethylene)	A	<0.744U	ug/L	1	0.744	10.0	BHE3580	05/21/2024 18:30	DDB
EPA 624.1	Vinyl chloride (Chloroethene)	A	<1.30U	ug/L	1	1.30	10.0	BHE3580	05/21/2024 18:30	DDB
EPA 624.1	Surrogate: 4-Bromofluorobenzene-surr		99.6%	70-130					05/21/2024 18:30	
EPA 624.1	Surrogate: 1,2-Dichloroethane-d4-surr		103%	70-130					05/21/2024 18:30	

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Sample Results
(Continued)

Client Sample ID: Outfall 001 4 Part Grab Composite (Continued)

Sample Matrix: Waste Water

Lab Sample ID: 24D3977-04

Date Collected: 05/16/2024 4:00

Odem Street WWTP - Table 2&3 - Outfall 001 -Grab 4 [none]

Collected by: Cody Valle

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
--------	---------	---	----------	-------	----	-----	-----	-------	----------	---------

Volatile Organic Compounds by GCMS (Continued)

EPA 624.1	Surrogate: Dibromofluoromethane-surr	106%	70-130	05/21/2024 18:30
EPA 624.1	Surrogate: Toluene-d8-surr	98.4%	70-130	05/21/2024 18:30

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Sample Results
(Continued)

Client Sample ID: Outfall 001 4 Part Grab Composite

Sample Matrix: Waste Water

Lab Sample ID: 24D3977-04RE1

Date Collected: 05/16/2024 4:00

Odem Street WWTP - Table 2&3 - Outfall 001 -Grab 4 [none]

Collected by: Cody Valle

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
--------	---------	---	----------	-------	----	-----	-----	-------	----------	---------

Volatile Organic Compounds by GCMS

EPA 624.1	Bromodichloromethane (Rerun)	A	<0.727U	ug/L	1	0.727	10.0	BHE4011	05/23/2024 16:48	DDB
EPA 624.1	Bromoform (Rerun)	A	<0.678U	ug/L	1	0.678	10.0	BHE4011	05/23/2024 16:48	DDB
EPA 624.1	Chlorodibromomethane (Rerun)	A	<0.802U	ug/L	1	0.802	10.0	BHE4011	05/23/2024 16:48	DDB
EPA 624.1	Chloroform (Rerun)	A	<0.688U	ug/L	1	0.688	10.0	BHE4011	05/23/2024 16:48	DDB
EPA 624.1	Total Trihalomethanes (TTHMs) (Rerun)	A	<2.00U	ug/L	1	2.00	10.0	BHE4011	05/23/2024 16:48	DDB
EPA 624.1	Surrogate: 4-Bromofluorobenzene-surr (Reru	103%		70-130					05/23/2024 16:48	
EPA 624.1	Surrogate: 1,2-Dichloroethane-d4-surr (Reru	105%		70-130					05/23/2024 16:48	
EPA 624.1	Surrogate: Dibromofluoromethane-surr (Reru	107%		70-130					05/23/2024 16:48	
EPA 624.1	Surrogate: Toluene-d8-surr (Rerun)	98.6%		70-130					05/23/2024 16:48	

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Sample Results
(Continued)

Client Sample ID: Outfall 001 Sampler

Sample Matrix: Waste Water

Lab Sample ID: 24D3978-01

Date Collected: 05/16/2024 13:00

Odem Street WWTP - Table II - Outfall Sampler

[none]

Collected by: Joshua Marquet

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
--------	---------	---	----------	-------	----	-----	-----	-------	----------	---------

Semivolatile Organic Compounds by GCMS

ASTM D7065	Nonylphenol	N	<5.93 U	ug/L	2	5.93	333	BHE4730	05/31/2024 02:47	cdg
ASTM D7065	Surrogate: n-NP-surr	75.7%		60-140					05/31/2024 02:47	
EPA 625.1	2-Methylphenol		<0.334 U	ug/L	1	0.334	10.0	BHE3538	05/23/2024 07:08	KRB
EPA 625.1	1,2,4-Trichlorobenzene	A	<0.0943 U	ug/L	1	0.0943	10.0	BHE3538	05/23/2024 07:08	KRB
EPA 625.1	1,2-Diphenylhydrazine	A	<0.250 U	ug/L	1	0.250	20.0	BHE3538	05/23/2024 07:08	KRB
EPA 625.1	2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methy	A	<0.129 U	ug/L	1	0.129	10.0	BHE3538	05/23/2024 07:08	KRB
EPA 625.1	2,4,5-Trichlorophenol	A	<0.210 U	ug/L	1	0.210	10.0	BHE3538	05/23/2024 07:08	KRB
EPA 625.1	2,4,6-Trichlorophenol	A	<0.385 U	ug/L	1	0.385	10.0	BHE3538	05/23/2024 07:08	KRB
EPA 625.1	2,4-Dichlorophenol	A	<0.256 U	ug/L	1	0.256	10.0	BHE3538	05/23/2024 07:08	KRB
EPA 625.1	2,4-Dimethylphenol	A	<0.294 U	ug/L	1	0.294	10.0	BHE3538	05/23/2024 07:08	KRB
EPA 625.1	2,4-Dinitrophenol	A	<2.85 U	ug/L	1	2.85	50.0	BHE3538	05/23/2024 07:08	KRB
EPA 625.1	2,4-Dinitrotoluene (2,4-DNT)	A	<0.0530 U	ug/L	1	0.0530	10.0	BHE3538	05/23/2024 07:08	KRB
EPA 625.1	2,6-Dinitrotoluene (2,6-DNT)	A	<0.584 U	ug/L	1	0.584	10.0	BHE3538	05/23/2024 07:08	KRB
EPA 625.1	2-Chlorophenol	A	<0.147 U	ug/L	1	0.147	10.0	BHE3538	05/23/2024 07:08	KRB
EPA 625.1	2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylph	A	<0.511 U	ug/L	1	0.511	50.0	BHE3538	05/23/2024 07:08	KRB
EPA 625.1	2-Nitrophenol	A	<0.218 U	ug/L	1	0.218	20.0	BHE3538	05/23/2024 07:08	KRB
EPA 625.1	3,4-Methylphenol	A	<0.462 U	ug/L	1	0.462	10.0	BHE3538	05/23/2024 07:08	KRB
EPA 625.1	4-Bromophenyl phenyl ether (BDE-3)	A	<0.0682 U	ug/L	1	0.0682	10.0	BHE3538	05/23/2024 07:08	KRB
EPA 625.1	4-Chloro-3-methylphenol	A	<0.218 U	ug/L	1	0.218	10.0	BHE3538	05/23/2024 07:08	KRB
EPA 625.1	4-Chlorophenyl phenylether	A	<0.207 U	ug/L	1	0.207	10.0	BHE3538	05/23/2024 07:08	KRB
EPA 625.1	4-Nitrophenol	A	<2.40 U	ug/L	1	2.40	50.0	BHE3538	05/23/2024 07:08	KRB
EPA 625.1	Acenaphthene	A	<0.0776 U	ug/L	1	0.0776	10.0	BHE3538	05/23/2024 07:08	KRB
EPA 625.1	Acenaphthylene	A	<0.0594 U	ug/L	1	0.0594	10.0	BHE3538	05/23/2024 07:08	KRB
EPA 625.1	Anthracene	A	<0.0532 U	ug/L	1	0.0532	10.0	BHE3538	05/23/2024 07:08	KRB
EPA 625.1	Benzo(a)anthracene	A	<0.0738 U	ug/L	1	0.0738	5.00	BHE3538	05/23/2024 07:08	KRB
EPA 625.1	Benzo(a)pyrene	A	<0.143 U	ug/L	1	0.143	5.00	BHE3538	05/23/2024 07:08	KRB
EPA 625.1	benzo(b&k)fluoranthene	A	<0.118 U	ug/L	1	0.118	5.00	BHE3538	05/23/2024 07:08	KRB
EPA 625.1	Benzo(g,h,i)perylene	A	<0.112 U	ug/L	1	0.112	20.0	BHE3538	05/23/2024 07:08	KRB
EPA 625.1	bis(2-Chloroethoxy)methane	A	<0.112 U	ug/L	1	0.112	10.0	BHE3538	05/23/2024 07:08	KRB
EPA 625.1	bis(2-Chloroethyl) ether	A	<0.184 U	ug/L	1	0.184	10.0	BHE3538	05/23/2024 07:08	KRB
EPA 625.1	Bis(2-ethylhexyl)phthalate	A	1.67	ug/L	1	0.500	10.0	BHE3538	05/23/2024 07:08	KRB
EPA 625.1	Butyl benzyl phthalate	A	<0.123 U	ug/L	1	0.123	10.0	BHE3538	05/23/2024 07:08	KRB
EPA 625.1	Chrysene	A	<0.0573 U	ug/L	1	0.0573	5.00	BHE3538	05/23/2024 07:08	KRB
EPA 625.1	Dibenzo(a,h)anthracene	A	<0.152 U	ug/L	1	0.152	5.00	BHE3538	05/23/2024 07:08	KRB
EPA 625.1	Dibenzofuran	A	<0.122 U	ug/L	1	0.122	10.0	BHE3538	05/23/2024 07:08	KRB

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Sample Results
(Continued)

Client Sample ID: Outfall 001 Sampler (Continued)

Sample Matrix: Waste Water

Lab Sample ID: 24D3978-01

Date Collected: 05/16/2024 13:00

Odem Street WWTP - Table II - Outfall Sampler

[none]

Collected by: Joshua Marquet

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
--------	---------	---	----------	-------	----	-----	-----	-------	----------	---------

Semivolatile Organic Compounds by GCMS (Continued)

EPA 625.1	Diethyl phthalate	A	0.178	ug/L	1	0.150	10.0	BHE3538	05/23/2024 07:08	KRB
EPA 625.1	Dimethyl phthalate	A	<0.0869U	ug/L	1	0.0869	10.0	BHE3538	05/23/2024 07:08	KRB
EPA 625.1	Di-n-butyl phthalate	A	<0.505U	ug/L	1	0.505	10.0	BHE3538	05/23/2024 07:08	KRB
EPA 625.1	Di-n-octyl phthalate	A	<0.489U	ug/L	3	0.489	10.0	BHE3538	05/23/2024 17:23	KRB
EPA 625.1	Fluoranthene	A	<0.0676U	ug/L	1	0.0676	10.0	BHE3538	05/23/2024 07:08	KRB
EPA 625.1	Fluorene	A	<0.0589U	ug/L	1	0.0589	10.0	BHE3538	05/23/2024 07:08	KRB
EPA 625.1	Hexachlorobenzene	A	<0.0629U	ug/L	1	0.0629	5.00	BHE3538	05/23/2024 07:08	KRB
EPA 625.1	Indeno(1,2,3-cd) pyrene	A	<0.126U	ug/L	1	0.126	5.00	BHE3538	05/23/2024 07:08	KRB
EPA 625.1	Isophorone	A	<0.0853U	ug/L	1	0.0853	10.0	BHE3538	05/23/2024 07:08	KRB
EPA 625.1	Naphthalene	A	<0.0742U	ug/L	1	0.0742	10.0	BHE3538	05/23/2024 07:08	KRB
EPA 625.1	Nitrobenzene	A	<0.118U	ug/L	1	0.118	10.0	BHE3538	05/23/2024 07:08	KRB
EPA 625.1	n-Nitrosodimethylamine	A	<1.24U	ug/L	1	1.24	50.0	BHE3538	05/23/2024 07:08	KRB
EPA 625.1	n-Nitrosodi-n-propylamine	A	<0.445U	ug/L	1	0.445	20.0	BHE3538	05/23/2024 07:08	KRB
EPA 625.1	Pentachlorophenol	A	<0.437U	ug/L	1	0.437	5.00	BHE3538	05/23/2024 07:08	KRB
EPA 625.1	Phenanthrene	A	<0.0816U	ug/L	1	0.0816	10.0	BHE3538	05/23/2024 07:08	KRB
EPA 625.1	Phenol, Total	A	0.585	ug/L	1	0.470	10.0	BHE3538	05/23/2024 07:08	KRB
EPA 625.1	Pyrene	A	<0.0848U	ug/L	1	0.0848	10.0	BHE3538	05/23/2024 07:08	KRB
EPA 625.1	Surrogate: 2,4,6-Tribromophenol-surr		56.8%	33.6-139					05/23/2024 07:08	
EPA 625.1	Surrogate: 2-Fluorobiphenyl-surr		46.1%	32.2-138					05/23/2024 07:08	
EPA 625.1	Surrogate: 2-Fluorophenol-surr		57.7%	32.7-137					05/23/2024 07:08	
EPA 625.1	Surrogate: Nitrobenzene-d5-surr		70.4%	31.2-136					05/23/2024 07:08	
EPA 625.1	Surrogate: Phenol-d5-surr		50.2%	28.9-155					05/23/2024 07:08	
EPA 625.1	Surrogate: p-Terphenyl-d14-surr		57.4%	37.6-117					05/23/2024 07:08	

Organics by GC

SM 6640 B	2,4-D	A	<0.235C+, U	ug/L	2	0.235	0.700	BHE3887	06/05/2024 04:27	KRB
SM 6640 B	Silvex (2,4,5-TP)	A	<0.237C+, U	ug/L	2	0.237	0.300	BHE3887	06/05/2024 04:27	KRB
SM 6640 B	2,4,5-T	N	<0.235C+, U	ug/L	2	0.235	0.235	BHE3887	06/05/2024 04:27	KRB
SM 6640 B	Surrogate: DCAA-surr		148% S	70-130					06/05/2024 04:27	
EPA 1657	Azinphos-methyl (Guthion)	A	<0.0337U	ug/L	1	0.0337	0.101	BHE3895	06/06/2024 10:25	KRB
EPA 1657	Chlorpyrifos	A	<0.0260U	ug/L	1	0.0260	0.0506	BHE3895	06/06/2024 10:25	KRB
EPA 1657	Demeton	A	<0.0130U	ug/L	1	0.0130	0.202	BHE3895	06/06/2024 10:25	KRB
EPA 1657	Diazinon	A	<0.0326U	ug/L	1	0.0326	0.506	BHE3895	06/06/2024 10:25	KRB
EPA 1657	Malathion	A	<0.0135U	ug/L	1	0.0135	0.101	BHE3895	06/06/2024 10:25	KRB
EPA 1657	Parathion, ethyl	A	<0.0209U	ug/L	1	0.0209	0.101	BHE3895	06/06/2024 10:25	KRB
EPA 1657	Surrogate: Tributyl Phosphate-surr		62.2%	40-120					06/06/2024 10:25	

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Sample Results
(Continued)

Client Sample ID: Outfall 001 Sampler (Continued)

Lab Sample ID: 24D3978-01

Odem Street WWTP - Table II - Outfall Sampler [none]

Sample Matrix: Waste Water

Date Collected: 05/16/2024 13:00

Collected by: Joshua Marquet

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
--------	---------	---	----------	-------	----	-----	-----	-------	----------	---------

Organics by GC (Continued)

EPA 1657	Surrogate: Triphenyl Phosphate-surr	44.5%	40-120						06/06/2024 10:25	
----------	-------------------------------------	-------	--------	--	--	--	--	--	------------------	--

General Chemistry

EPA 300.0	Fluoride	A	0.244	mg/L	1	0.0105	0.250	BHE3592	05/22/2024 04:24	EM
-----------	----------	---	-------	------	---	--------	-------	---------	------------------	----

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Sample Results
(Continued)

Client Sample ID: Outfall 001 Sampler

Sample Matrix: Waste Water

Lab Sample ID: 24D3978-01RE1

Date Collected: 05/16/2024 13:00

Odem Street WWTP - Table II - Outfall Sampler [none]

Collected by: Joshua Marquet

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
--------	---------	---	----------	-------	----	-----	-----	-------	----------	---------

Semivolatile Organic Compounds by GCMS

EPA 625.1	3,3'-Dichlorobenzidine (Rerun)	A	<3.87U	ug/L	1	3.87	5.00	BHE3538	05/23/2024 02:50	KRB
EPA 625.1	Benzidine (Rerun)	A	<11.8U	ug/L	1	11.8	50.0	BHE3538	05/23/2024 02:50	KRB
EPA 625.1	Surrogate: 2-Fluorobiphenyl-surr (Rerun)		56.7%	32.2-138					05/23/2024 02:50	
EPA 625.1	Surrogate: Nitrobenzene-d5-surr (Rerun)		60.7%	31.2-136					05/23/2024 02:50	
EPA 625.1	Surrogate: p-Terphenyl-d14-surr (Rerun)		40.9%	37.6-117					05/23/2024 02:50	

General Chemistry

EPA 300.0	Nitrate as N (Rerun)	A	14.2HR	mg/L	2	0.0284	0.200	BHE3955	05/23/2024 18:54	AGZ
-----------	----------------------	---	--------	------	---	--------	-------	---------	------------------	-----

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Sample Results
(Continued)

Client Sample ID: Outfall 001 Sampler

Sample Matrix: Waste Water

Lab Sample ID: 24D3978-01RE2

Date Collected: 05/16/2024 13:00

Odem Street WWTP - Table II - Outfall Sampler

[none]

Collected by: Joshua Marquet

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
--------	---------	---	----------	-------	----	-----	-----	-------	----------	---------

Semivolatile Organic Compounds by GCMS

EPA 625.1	1,2,4,5-Tetrachlorobenzene (Rerun)	A	<0.0760U	ug/L	1	0.0760	10.0	BHE3538	05/25/2024 01:00	KRB
EPA 625.1	2-Chloronaphthalene (Rerun)	A	<0.123U	ug/L	1	0.123	10.0	BHE3538	05/25/2024 01:00	KRB
EPA 625.1	Hexachlorobutadiene (Rerun)	A	<0.0697U	ug/L	1	0.0697	10.0	BHE3538	05/25/2024 01:00	KRB
EPA 625.1	Hexachlorocyclopentadiene (Rerun)	A	<0.250U	ug/L	1	0.250	10.0	BHE3538	05/25/2024 01:00	KRB
EPA 625.1	Hexachloroethane (Rerun)	A	<0.0644U	ug/L	1	0.0644	20.0	BHE3538	05/25/2024 01:00	KRB
EPA 625.1	Hexachlorophene (Rerun)	A	1.01	ug/L	1	0.343	10.0	BHE3538	05/25/2024 01:00	KRB
EPA 625.1	n-Nitrosodiethylamine (Rerun)	A	0.178	ug/L	1	0.162	20.0	BHE3538	05/25/2024 01:00	KRB
EPA 625.1	n-Nitroso-di-n-butylamine (Rerun)	A	<1.87U	ug/L	1	1.87	20.0	BHE3538	05/25/2024 01:00	KRB
EPA 625.1	n-Nitrosodiphenylamine (Rerun)	A	<0.0609U	ug/L	1	0.0609	20.0	BHE3538	05/25/2024 01:00	KRB
EPA 625.1	Pentachlorobenzene (Rerun)	A	<0.0514U	ug/L	1	0.0514	20.0	BHE3538	05/25/2024 01:00	KRB
EPA 625.1	Pyridine (Rerun)	A	<4.40U	ug/L	1	4.40	20.0	BHE3538	05/25/2024 01:00	KRB
EPA 625.1	Surrogate: 2,4,6-Tribromophenol-surr (Rerun)		62.6%	33.6-139					05/25/2024 01:00	
EPA 625.1	Surrogate: 2-Fluorobiphenyl-surr (Rerun)		57.5%	32.2-138					05/25/2024 01:00	
EPA 625.1	Surrogate: 2-Fluorophenol-surr (Rerun)		55.5%	32.7-137					05/25/2024 01:00	
EPA 625.1	Surrogate: Nitrobenzene-d5-surr (Rerun)		77.0%	31.2-136					05/25/2024 01:00	
EPA 625.1	Surrogate: Phenol-d5-surr (Rerun)		54.2%	28.9-155					05/25/2024 01:00	
EPA 625.1	Surrogate: p-Terphenyl-d14-surr (Rerun)		73.9%	37.6-117					05/25/2024 01:00	

* A = Accredited, N = Not Accredited or Accreditation not available



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

City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Sample Results
(Continued)

Client Sample ID: 18 Mohm DI - Raw

Lab Sample ID: 24D3979-01

Odem Street WWTP - Table 2&3 - Raw - Grab 1

[none]

Sample Matrix: 18 MOhm DI Water

Date Collected: 05/13/2024 10:00

Collected by: Joshua Marquet

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
--------	---------	---	----------	-------	----	-----	-----	-------	----------	---------

Metals, Total

EPA 1631E	Mercury	A	<0.00250U	ug/L	1	0.00250	0.00500	BHE3078	05/30/2024 13:52	ISS
-----------	---------	---	-----------	------	---	---------	---------	---------	------------------	-----



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

City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Sample Results
(Continued)

Client Sample ID: Raw

Lab Sample ID: 24D3979-02

Odem Street WWTP - Table 2&3 - Raw - Grab 1

[none]

Sample Matrix: Waste Water

Date Collected: 05/13/2024 10:00

Collected by: Joshua Marquet

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
--------	---------	---	----------	-------	----	-----	-----	-------	----------	---------

Metals, Total

EPA 1631E	Mercury	A	0.00261	ug/L	1	0.00250	0.00500	BHE3078	05/30/2024 13:57	ISS
-----------	---------	---	---------	------	---	---------	---------	---------	------------------	-----



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

City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Sample Results
(Continued)

Client Sample ID: Raw 4 Part Grab

Lab Sample ID: 24D3979-03

Odem Street WWTP - Table 2&3 - Raw - Grab 1

[none]

Sample Matrix: Waste Water

Date Collected: 05/13/2024 10:00

Collected by: Joshua Marquet

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
Field										
Calc	Flow Field	N	0.340	MGD	1	0.00	0.00	BHE2346	05/13/2024 10:00	CLNT



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

City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Sample Results
(Continued)

Client Sample ID: 18 Mohm DI - Raw

Lab Sample ID: 24D3980-01

Odem Street WWTP - Table 2&3 - Raw - Grab 2

[none]

Sample Matrix: 18 MOhm DI Water

Date Collected: 05/13/2024 13:30

Collected by: Joshua Marquet

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
--------	---------	---	----------	-------	----	-----	-----	-------	----------	---------

Metals, Total

EPA 1631E	Mercury	A	<0.00250U	ug/L	1	0.00250	0.00500	BHE2833	06/18/2024 09:59	JKC
-----------	---------	---	-----------	------	---	---------	---------	---------	------------------	-----



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

City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Sample Results
(Continued)

Client Sample ID: Raw

Lab Sample ID: 24D3980-02

Odem Street WWTP - Table 2&3 - Raw - Grab 2

[none]

Sample Matrix: Waste Water

Date Collected: 05/13/2024 13:30

Collected by: Joshua Marquet

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
--------	---------	---	----------	-------	----	-----	-----	-------	----------	---------

Metals, Total

EPA 1631E	Mercury	A	<0.00250U	ug/L	1	0.00250	0.00500	BHE2833	06/18/2024 10:04	JKC
-----------	---------	---	-----------	------	---	---------	---------	---------	------------------	-----



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

City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Sample Results
(Continued)

Client Sample ID: Raw 4 Part Grab

Lab Sample ID: 24D3980-03

Odem Street WWTP - Table 2&3 - Raw - Grab 2

[none]

Sample Matrix: Waste Water

Date Collected: 05/13/2024 13:30

Collected by: Joshua Marquet

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
--------	---------	---	----------	-------	----	-----	-----	-------	----------	---------

Field										
Calc	Flow Field	N	1.30	MGD	1	0.00	0.00	BHE2349	05/13/2024 13:30	CLNT



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

City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Sample Results
(Continued)

Client Sample ID: 18 Mohm DI - Raw Sample Matrix: 18 MOhm DI Water
Lab Sample ID: 24D3981-01 Date Collected: 05/13/2024 18:00
Odem Street WWTP - Table 2&3 - Raw - Grab 3 [none] Collected by: Joshua Marquet

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
Metals, Total										
EPA 1631E	Mercury	A	<0.00250U	ug/L	1	0.00250	0.00500	BHE2833	06/18/2024 09:15	JKC

* A = Accredited, N = Not Accredited or Accreditation not available



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

City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Sample Results
(Continued)

Client Sample ID: Raw

Lab Sample ID: 24D3981-02

Odem Street WWTP - Table 2&3 - Raw - Grab 3

[none]

Sample Matrix: Waste Water

Date Collected: 05/13/2024 18:00

Collected by: Joshua Marquet

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
--------	---------	---	----------	-------	----	-----	-----	-------	----------	---------

Metals, Total

EPA 1631E	Mercury	A	<0.00250U	ug/L	1	0.00250	0.00500	BHE2833	06/18/2024 09:20	JKC
-----------	---------	---	-----------	------	---	---------	---------	---------	------------------	-----

* A = Accredited, N = Not Accredited or Accreditation not available



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

City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Sample Results
(Continued)

Client Sample ID: Raw 4 Part Grab

Lab Sample ID: 24D3981-03

Odem Street WWTP - Table 2&3 - Raw - Grab 3

[none]

Sample Matrix: Waste Water

Date Collected: 05/13/2024 18:00

Collected by: Joshua Marquet

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
Field										
Calc	Flow Field	N	6.58	MGD	1	0.00	0.00	BHE2350	05/13/2024 18:00	CLNT

* A = Accredited, N = Not Accredited or Accreditation not available



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

City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Sample Results
(Continued)

Client Sample ID: 18 Mohm DI - Raw

Lab Sample ID: 24D3982-01

Odem Street WWTP - Table 2&3 - Raw - Grab 4

[none]

Sample Matrix: 18 MOhm DI Water

Date Collected: 05/14/2024 12:30

Collected by: Cody Valle

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
--------	---------	---	----------	-------	----	-----	-----	-------	----------	---------

Metals, Total

EPA 1631E	Mercury	A	<0.00250U	ug/L	1	0.00250	0.00500	BHE2360	06/17/2024 12:16	JKC
-----------	---------	---	-----------	------	---	---------	---------	---------	------------------	-----



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

City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Sample Results
(Continued)

Client Sample ID: Raw

Lab Sample ID: 24D3982-02

Odem Street WWTP - Table 2&3 - Raw - Grab 4

[none]

Sample Matrix: Waste Water

Date Collected: 05/14/2024 12:30

Collected by: Cody Valle

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
--------	---------	---	----------	-------	----	-----	-----	-------	----------	---------

Metals, Total

EPA 1631E	Mercury	A	<0.00250U	ug/L	1	0.00250	0.00500	BHE2360	06/17/2024 12:21	JKC
-----------	---------	---	-----------	------	---	---------	---------	---------	------------------	-----



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Sample Results
(Continued)

Client Sample ID: Raw 4 Part Grab

Lab Sample ID: 24D3982-03

Odem Street WWTP - Table 2&3 - Raw - Grab 4

[none]

Sample Matrix: Waste Water

Date Collected: 05/14/2024 12:30

Collected by: Cody Valle

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
--------	---------	---	----------	-------	----	-----	-----	-------	----------	---------

Field										
Calc	Flow Field	N	3.39	MGD	1	0.00	0.00	BHE2353	05/14/2024 12:30	CLNT



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Sample Results
(Continued)

Client Sample ID: Raw 4 Part Grab Composite

Sample Matrix: Waste Water

Lab Sample ID: 24D3982-04

Date Collected: 05/14/2024 12:30

Odem Street WWTP - Table 2&3 - Raw - Grab 4

[none]

Collected by: Cody Valle

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
--------	---------	---	----------	-------	----	-----	-----	-------	----------	---------

Volatile Organic Compounds by GCMS

EPA 624.1	1,1,1-Trichloroethane	A	<0.622U	ug/L	1	0.622	10.0	BHE2541	05/15/2024 17:32	DDB
EPA 624.1	1,1,2,2-Tetrachloroethane	A	<0.867U	ug/L	1	0.867	10.0	BHE2541	05/15/2024 17:32	DDB
EPA 624.1	1,1,2-Trichloroethane	A	<0.789U	ug/L	1	0.789	10.0	BHE2541	05/15/2024 17:32	DDB
EPA 624.1	1,1-Dichloroethane	A	<0.967U	ug/L	1	0.967	10.0	BHE2541	05/15/2024 17:32	DDB
EPA 624.1	1,1-Dichloroethylene	A	<0.849U	ug/L	1	0.849	10.0	BHE2541	05/15/2024 17:32	DDB
EPA 624.1	1,2-Dibromoethane (EDB, Ethylene dibromide)	A	<0.706U	ug/L	1	0.706	10.0	BHE2541	05/15/2024 17:32	DDB
EPA 624.1	1,2-Dichlorobenzene (o-Dichlorobenzene)	A	<0.881U	ug/L	1	0.881	10.0	BHE2541	05/15/2024 17:32	DDB
EPA 624.1	1,2-Dichloroethane (Ethylene dichloride)	A	<0.870U	ug/L	1	0.870	10.0	BHE2541	05/15/2024 17:32	DDB
EPA 624.1	1,2-Dichloropropane	A	<0.854U	ug/L	1	0.854	10.0	BHE2541	05/15/2024 17:32	DDB
EPA 624.1	1,3-Dichlorobenzene (m-Dichlorobenzene)	A	<0.717U	ug/L	1	0.717	10.0	BHE2541	05/15/2024 17:32	DDB
EPA 624.1	1,4-Dichlorobenzene (p-Dichlorobenzene)	A	<0.641U	ug/L	1	0.641	10.0	BHE2541	05/15/2024 17:32	DDB
EPA 624.1	2-Butanone (Methyl ethyl ketone, MEK)	A	<7.38U	ug/L	1	7.38	50.0	BHE2541	05/15/2024 17:32	DDB
EPA 624.1	2-Chloroethyl vinyl ether	A	<3.14U	ug/L	1	3.14	10.0	BHE2541	05/15/2024 17:32	DDB
EPA 624.1	Acrolein (Propenal)	A	<5.68U	ug/L	1	5.68	50.0	BHE2541	05/15/2024 17:32	DDB
EPA 624.1	Acrylonitrile	A	<1.60U	ug/L	1	1.60	50.0	BHE2541	05/15/2024 17:32	DDB
EPA 624.1	Benzene	A	<0.604U	ug/L	1	0.604	10.0	BHE2541	05/15/2024 17:32	DDB
EPA 624.1	Bromodichloromethane	A	<0.727B, U	ug/L	1	0.727	10.0	BHE2541	05/15/2024 17:32	DDB
EPA 624.1	Bromoform	A	<0.678U	ug/L	1	0.678	10.0	BHE2541	05/15/2024 17:32	DDB
EPA 624.1	Carbon tetrachloride	A	<0.500U	ug/L	1	0.500	2.00	BHE2541	05/15/2024 17:32	DDB
EPA 624.1	Chlorobenzene	A	<0.724U	ug/L	1	0.724	10.0	BHE2541	05/15/2024 17:32	DDB
EPA 624.1	Chlorodibromomethane	A	<0.802U	ug/L	1	0.802	10.0	BHE2541	05/15/2024 17:32	DDB
EPA 624.1	Chloroethane (Ethyl chloride)	A	<1.30U	ug/L	1	1.30	50.0	BHE2541	05/15/2024 17:32	DDB
EPA 624.1	Chloroform	A	<0.688B, U	ug/L	1	0.688	10.0	BHE2541	05/15/2024 17:32	DDB
EPA 624.1	cis-1,3-Dichloropropene	A	<0.580U	ug/L	1	0.580	10.0	BHE2541	05/15/2024 17:32	DDB
EPA 624.1	Ethylbenzene	A	<0.727U	ug/L	1	0.727	10.0	BHE2541	05/15/2024 17:32	DDB
EPA 624.1	Methyl bromide (Bromomethane)	A	<1.42U	ug/L	1	1.42	50.0	BHE2541	05/15/2024 17:32	DDB
EPA 624.1	Methyl chloride (Chloromethane)	A	<0.765U	ug/L	1	0.765	50.0	BHE2541	05/15/2024 17:32	DDB
EPA 624.1	Methylene chloride (Dichloromethane)	A	<1.60U	ug/L	1	1.60	20.0	BHE2541	05/15/2024 17:32	DDB
EPA 624.1	Tetrachloroethylene (Perchloroethylene)	A	<0.703U	ug/L	1	0.703	10.0	BHE2541	05/15/2024 17:32	DDB
EPA 624.1	Toluene	A	9.33	ug/L	1	0.649	10.0	BHE2541	05/15/2024 17:32	DDB
EPA 624.1	Total Trihalomethanes (TTHMs)	A	<2.00B, U	ug/L	1	2.00	10.0	BHE2541	05/15/2024 17:32	DDB
EPA 624.1	trans-1,2-Dichloroethylene	A	<0.899U	ug/L	1	0.899	10.0	BHE2541	05/15/2024 17:32	DDB

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Sample Results
(Continued)

Client Sample ID: Raw 4 Part Grab Composite (Continued)

Sample Matrix: Waste Water

Lab Sample ID: 24D3982-04

Date Collected: 05/14/2024 12:30

Odem Street WWTP - Table 2&3 - Raw - Grab 4 [none]

Collected by: Cody Valle

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
--------	---------	---	----------	-------	----	-----	-----	-------	----------	---------

Volatile Organic Compounds by GCMS (Continued)

EPA 624.1	trans-1,3-Dichloropropylene	A	<0.496U	ug/L	1	0.496	10.0	BHE2541	05/15/2024 17:32	DDB
EPA 624.1	Trichloroethene (Trichloroethylene)	A	<0.744U	ug/L	1	0.744	10.0	BHE2541	05/15/2024 17:32	DDB
EPA 624.1	Vinyl chloride (Chloroethene)	A	<1.30U	ug/L	1	1.30	10.0	BHE2541	05/15/2024 17:32	DDB
EPA 624.1	Surrogate: 4-Bromofluorobenzene-surr		98.9%	70-130					05/15/2024 17:32	
EPA 624.1	Surrogate: 1,2-Dichloroethane-d4-surr		109%	70-130					05/15/2024 17:32	
EPA 624.1	Surrogate: Dibromofluoromethane-surr		107%	70-130					05/15/2024 17:32	
EPA 624.1	Surrogate: Toluene-d8-surr		102%	70-130					05/15/2024 17:32	

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Sample Results
(Continued)

Client Sample ID: Raw Sampler

Sample Matrix: Waste Water

Lab Sample ID: 24D3983-01

Date Collected: 05/14/2024 8:50

Odem Street WWTP - Table II - Raw Sampler

[none]

Collected by: Joshua Marquet

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
--------	---------	---	----------	-------	----	-----	-----	-------	----------	---------

Semivolatile Organic Compounds by GCMS

ASTM D7065	Nonylphenol	N	20.8	ug/L	2	6.00	333	BHE3062	05/18/2024 07:59	cdg
ASTM D7065	Surrogate: n-NP-surr		69.6%	60-140					05/18/2024 07:59	
EPA 625.1	1,2,4,5-Tetrachlorobenzene	A	<0.0760 U	ug/L	1	0.0760	10.0	BHE2850	05/21/2024 22:54	KRB
EPA 625.1	1,2,4-Trichlorobenzene	A	<0.0943 U	ug/L	1	0.0943	10.0	BHE2850	05/21/2024 22:54	KRB
EPA 625.1	1,2-Diphenylhydrazine	A	0.592	ug/L	1	0.250	20.0	BHE2850	05/21/2024 22:54	KRB
EPA 625.1	2,4,5-Trichlorophenol	A	<0.210 U	ug/L	1	0.210	10.0	BHE2850	05/21/2024 22:54	KRB
EPA 625.1	2,4,6-Trichlorophenol	A	<0.385 U	ug/L	1	0.385	10.0	BHE2850	05/21/2024 22:54	KRB
EPA 625.1	2,4-Dichlorophenol	A	0.480	ug/L	1	0.256	10.0	BHE2850	05/21/2024 22:54	KRB
EPA 625.1	2,4-Dimethylphenol	A	<0.294 U	ug/L	1	0.294	10.0	BHE2850	05/21/2024 22:54	KRB
EPA 625.1	2,4-Dinitrotoluene (2,4-DNT)	A	<0.0530 U	ug/L	1	0.0530	10.0	BHE2850	05/21/2024 22:54	KRB
EPA 625.1	2,6-Dinitrotoluene (2,6-DNT)	A	<0.584 U	ug/L	1	0.584	10.0	BHE2850	05/21/2024 22:54	KRB
EPA 625.1	2-Chloronaphthalene	A	<0.123 U	ug/L	1	0.123	10.0	BHE2850	05/21/2024 22:54	KRB
EPA 625.1	2-Chlorophenol	A	<0.147 U	ug/L	1	0.147	10.0	BHE2850	05/21/2024 22:54	KRB
EPA 625.1	2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylph	A	<0.511 U	ug/L	1	0.511	50.0	BHE2850	05/21/2024 22:54	KRB
EPA 625.1	2-Nitrophenol	A	<0.218 U	ug/L	1	0.218	20.0	BHE2850	05/21/2024 22:54	KRB
EPA 625.1	3,4-Methylphenol	A	1.81	ug/L	1	0.462	10.0	BHE2850	05/21/2024 22:54	KRB
EPA 625.1	4-Bromophenyl phenyl ether (BDE-3)	A	<0.0682 U	ug/L	1	0.0682	10.0	BHE2850	05/21/2024 22:54	KRB
EPA 625.1	4-Chloro-3-methylphenol	A	<0.218 U	ug/L	1	0.218	10.0	BHE2850	05/21/2024 22:54	KRB
EPA 625.1	4-Chlorophenyl phenylether	A	<0.207 U	ug/L	1	0.207	10.0	BHE2850	05/21/2024 22:54	KRB
EPA 625.1	4-Nitrophenol	A	<2.40 U	ug/L	1	2.40	50.0	BHE2850	05/21/2024 22:54	KRB
EPA 625.1	Acenaphthene	A	<0.0776 U	ug/L	1	0.0776	10.0	BHE2850	05/21/2024 22:54	KRB
EPA 625.1	Acenaphthylene	A	<0.0594 U	ug/L	1	0.0594	10.0	BHE2850	05/21/2024 22:54	KRB
EPA 625.1	Anthracene	A	0.265	ug/L	1	0.0532	10.0	BHE2850	05/21/2024 22:54	KRB
EPA 625.1	Benzo(a)anthracene	A	<0.0738 U	ug/L	1	0.0738	5.00	BHE2850	05/21/2024 22:54	KRB
EPA 625.1	Benzo(a)pyrene	A	<0.143 U	ug/L	1	0.143	5.00	BHE2850	05/21/2024 22:54	KRB
EPA 625.1	benzo(b&k)fluoranthene	A	<0.118 U	ug/L	1	0.118	5.00	BHE2850	05/21/2024 22:54	KRB
EPA 625.1	Benzo(g,h,i)perylene	A	<0.112 U	ug/L	1	0.112	20.0	BHE2850	05/21/2024 22:54	KRB
EPA 625.1	bis(2-Chloroethoxy)methane	A	<0.112 U	ug/L	1	0.112	10.0	BHE2850	05/21/2024 22:54	KRB
EPA 625.1	bis(2-Chloroethyl) ether	A	<0.184 U	ug/L	1	0.184	10.0	BHE2850	05/21/2024 22:54	KRB
EPA 625.1	Butyl benzyl phthalate	A	<0.123 U	ug/L	1	0.123	10.0	BHE2850	05/21/2024 22:54	KRB
EPA 625.1	Chrysene	A	<0.0573 U	ug/L	1	0.0573	5.00	BHE2850	05/21/2024 22:54	KRB
EPA 625.1	Dibenzo(a,h)anthracene	A	<0.152 U	ug/L	1	0.152	5.00	BHE2850	05/21/2024 22:54	KRB
EPA 625.1	Dibenzofuran	A	<0.122 U	ug/L	1	0.122	10.0	BHE2850	05/21/2024 22:54	KRB
EPA 625.1	Diethyl phthalate	A	2.55	ug/L	1	0.150	10.0	BHE2850	05/21/2024 22:54	KRB
EPA 625.1	Dimethyl phthalate	A	1.59	ug/L	1	0.0869	10.0	BHE2850	05/21/2024 22:54	KRB
EPA 625.1	Di-n-butyl phthalate	A	1.73	ug/L	1	0.505	10.0	BHE2850	05/21/2024 22:54	KRB

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Sample Results (Continued)

Client Sample ID: Raw Sampler (Continued)

Sample Matrix: Waste Water

Lab Sample ID: 24D3983-01

Date Collected: 05/14/2024 8:50

Odem Street WWTP - Table II - Raw Sampler

[none]

Collected by: Joshua Marquet

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
--------	---------	---	----------	-------	----	-----	-----	-------	----------	---------

Semivolatile Organic Compounds by GCMS (Continued)

EPA 625.1	Di-n-octyl phthalate	A	<0.163U	ug/L	1	0.163	10.0	BHE2850	05/21/2024 22:54	KRB
EPA 625.1	Fluoranthene	A	<0.0676U	ug/L	1	0.0676	10.0	BHE2850	05/21/2024 22:54	KRB
EPA 625.1	Fluorene	A	<0.0589U	ug/L	1	0.0589	10.0	BHE2850	05/21/2024 22:54	KRB
EPA 625.1	Hexachlorobenzene	A	<0.0629U	ug/L	1	0.0629	5.00	BHE2850	05/21/2024 22:54	KRB
EPA 625.1	Hexachlorobutadiene	A	<0.0697U	ug/L	1	0.0697	10.0	BHE2850	05/21/2024 22:54	KRB
EPA 625.1	Hexachlorocyclopentadiene	A	<0.250U	ug/L	1	0.250	10.0	BHE2850	05/21/2024 22:54	KRB
EPA 625.1	Indeno(1,2,3-cd) pyrene	A	<0.126U	ug/L	1	0.126	5.00	BHE2850	05/21/2024 22:54	KRB
EPA 625.1	Isophorone	A	<0.0853U	ug/L	1	0.0853	10.0	BHE2850	05/21/2024 22:54	KRB
EPA 625.1	Naphthalene	A	<0.0742U	ug/L	1	0.0742	10.0	BHE2850	05/21/2024 22:54	KRB
EPA 625.1	Nitrobenzene	A	<0.118U	ug/L	1	0.118	10.0	BHE2850	05/21/2024 22:54	KRB
EPA 625.1	n-Nitrosodiethylamine	A	<0.162U	ug/L	1	0.162	20.0	BHE2850	05/21/2024 22:54	KRB
EPA 625.1	n-Nitrosodi-n-propylamine	A	<0.445U	ug/L	1	0.445	20.0	BHE2850	05/21/2024 22:54	KRB
EPA 625.1	Pentachlorobenzene	A	<0.0514U	ug/L	1	0.0514	20.0	BHE2850	05/21/2024 22:54	KRB
EPA 625.1	Phenanthrene	A	<0.0816U	ug/L	1	0.0816	10.0	BHE2850	05/21/2024 22:54	KRB
EPA 625.1	Phenol, Total	A	6.41	ug/L	1	0.470	10.0	BHE2850	05/21/2024 22:54	KRB
EPA 625.1	Pyrene	A	<0.0848U	ug/L	1	0.0848	10.0	BHE2850	05/21/2024 22:54	KRB
EPA 625.1	Surrogate: 2,4,6-Tribromophenol-surr		45.6%	33.6-139					05/21/2024 22:54	
EPA 625.1	Surrogate: 2-Fluorobiphenyl-surr		82.7%	32.2-138					05/21/2024 22:54	
EPA 625.1	Surrogate: 2-Fluorophenol-surr		99.1%	32.7-137					05/21/2024 22:54	
EPA 625.1	Surrogate: Nitrobenzene-d5-surr		81.0%	31.2-136					05/21/2024 22:54	
EPA 625.1	Surrogate: Phenol-d5-surr		95.1%	28.9-155					05/21/2024 22:54	
EPA 625.1	Surrogate: p-Terphenyl-d14-surr		5.60% S	37.6-117					05/21/2024 22:54	

Organics by GC

SM 6640 B	2,4-D	A	0.343C+	ug/L	2	0.235	0.700	BHE2617	06/08/2024 11:37	cdg
SM 6640 B	Silvex (2,4,5-TP)	A	<0.237U, C+	ug/L	2	0.237	0.300	BHE2617	06/08/2024 11:37	cdg
SM 6640 B	2,4,5-T	N	<0.235U, C+	ug/L	2	0.235	0.235	BHE2617	06/08/2024 11:37	cdg
SM 6640 B	Surrogate: DCAA-surr		92.0%	70-130					06/08/2024 11:37	

General Chemistry

EPA 300.0	Nitrate as N	A	<0.0142U	mg/L	1	0.0142	0.100	BHE2481	05/16/2024 01:24	EM
-----------	--------------	---	----------	------	---	--------	-------	---------	------------------	----

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Sample Results
(Continued)

Client Sample ID: Raw Sampler
Lab Sample ID: 24D3983-01RE1

Sample Matrix: Waste Water
Date Collected: 05/14/2024 8:50
Collected by: Joshua Marquet

Odem Street WWTP - Table II - Raw Sampler

[none]

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
--------	---------	---	----------	-------	----	-----	-----	-------	----------	---------

Semivolatile Organic Compounds by GCMS

EPA 625.1	3,3'-Dichlorobenzidine (Rerun)	A	<3.87U	ug/L	1	3.87	5.00	BHE2850	05/23/2024 09:17	KRB
EPA 625.1	Benzidine (Rerun)	A	<11.8U	ug/L	1	11.8	50.0	BHE2850	05/23/2024 09:17	KRB
EPA 625.1	Surrogate: 2-Fluorobiphenyl-surr (Rerun)		111%	32.2-138					05/23/2024 09:17	
EPA 625.1	Surrogate: Nitrobenzene-d5-surr (Rerun)		79.9%	31.2-136					05/23/2024 09:17	
EPA 625.1	Surrogate: p-Terphenyl-d14-surr (Rerun)		42.8%	37.6-117					05/23/2024 09:17	

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Sample Results (Continued)

Client Sample ID: Raw Sampler
Lab Sample ID: 24D3983-01RE2

Sample Matrix: Waste Water
Date Collected: 05/14/2024 8:50
Collected by: Joshua Marquet

Odem Street WWTP - Table II - Raw Sampler

[none]

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
--------	---------	---	----------	-------	----	-----	-----	-------	----------	---------

Semivolatile Organic Compounds by GCMS

EPA 625.1	2-Methylphenol (Rerun)		1.13	ug/L	3	1.00	10.0	BHE2850	05/29/2024 03:10	KRB
EPA 625.1	2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methy (Rerun)	A	<0.386U	ug/L	3	0.386	10.0	BHE2850	05/29/2024 03:10	KRB
EPA 625.1	2,4-Dinitrophenol (Rerun)	A	<8.56U	ug/L	3	8.56	50.0	BHE2850	05/29/2024 03:10	KRB
EPA 625.1	Bis(2-ethylhexyl)phthalate (Rerun)	A	8.62	ug/L	3	1.50	10.0	BHE2850	05/29/2024 03:10	KRB
EPA 625.1	Hexachloroethane (Rerun)	A	<0.193U	ug/L	3	0.193	20.0	BHE2850	05/29/2024 03:10	KRB
EPA 625.1	Hexachlorophene (Rerun)	A	<1.03U	ug/L	3	1.03	10.0	BHE2850	05/29/2024 03:10	KRB
EPA 625.1	n-Nitrosodimethylamine (Rerun)	A	<3.71U	ug/L	3	3.71	50.0	BHE2850	05/29/2024 03:10	KRB
EPA 625.1	n-Nitroso-di-n-butylamine (Rerun)	A	<5.62U	ug/L	3	5.62	20.0	BHE2850	05/29/2024 03:10	KRB
EPA 625.1	n-Nitrosodiphenylamine (Rerun)	A	<0.183U	ug/L	3	0.183	20.0	BHE2850	05/29/2024 03:10	KRB
EPA 625.1	Pentachlorophenol (Rerun)	A	<1.31U	ug/L	3	1.31	5.00	BHE2850	05/29/2024 03:10	KRB
EPA 625.1	Pyridine (Rerun)	A	<13.2U	ug/L	3	13.2	20.0	BHE2850	05/29/2024 03:10	KRB

EPA 625.1	Surrogate: 2,4,6-Tribromophenol-surr (Rerun)	148% S	33.6-139	05/29/2024 03:10
EPA 625.1	Surrogate: 2-Fluorobiphenyl-surr (Rerun)	132%	32.2-138	05/29/2024 03:10
EPA 625.1	Surrogate: 2-Fluorophenol-surr (Rerun)	121%	32.7-137	05/29/2024 03:10
EPA 625.1	Surrogate: Nitrobenzene-d5-surr (Rerun)	108%	31.2-136	05/29/2024 03:10
EPA 625.1	Surrogate: Phenol-d5-surr (Rerun)	117%	28.9-155	05/29/2024 03:10
EPA 625.1	Surrogate: p-Terphenyl-d14-surr (Rerun)	116%	37.6-117	05/29/2024 03:10

General Chemistry

EPA 300.0	Fluoride (Rerun)	A	0.260	mg/L	1	0.0105	0.250	BHE3214	05/18/2024 20:29	EM
-----------	------------------	---	-------	------	---	--------	-------	---------	------------------	----

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Sample Results
(Continued)

Client Sample ID: Outfall 001 Sampler

Sample Matrix: Waste Water

Lab Sample ID: 24D3984-01

Date Collected: 05/16/2024 13:00

Odem Street WWTP - Table III - Outfall Sampler

[none]

Collected by: Joshua Marquet

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
--------	---------	---	----------	-------	----	-----	-----	-------	----------	---------

Metals, Total

EPA 200.8	Aluminum	A	0.0168	mg/L	1	0.000167	0.00625	BHE3621	05/30/2024 13:21	JKC
EPA 200.8	Antimony	A	0.00127	mg/L	1	5.89E-5	0.00100	BHE3621	06/03/2024 11:42	JKC
EPA 200.8	Arsenic	A	0.00354	mg/L	1	4.68E-5	0.000500	BHE3621	05/24/2024 10:24	JKC
EPA 200.8	Barium	A	0.190	mg/L	1	2.00E-5	0.00300	BHE3621	05/23/2024 12:31	TBB
EPA 200.8	Beryllium	A	<1.37E-5U	mg/L	1	1.37E-5	0.000200	BHE3621	05/23/2024 12:31	TBB
EPA 200.8	Cadmium	A	<7.98E-6U	mg/L	1	7.98E-6	0.00100	BHE3621	05/23/2024 12:31	TBB
EPA 200.8	Chromium	A	0.000549	mg/L	1	8.39E-5	0.00300	BHE3621	05/30/2024 13:21	JKC
EPA 200.8	Copper	A	0.00923	mg/L	1	0.000182	0.00200	BHE3621	05/23/2024 12:31	TBB
Calc	Chromium (III)		<0.00600	mg/L	1	0.00158	0.00600	[CALC]	05/30/2024 13:21	JVG
EPA 200.8	Lead	A	0.000286	mg/L	1	1.20E-5	0.000500	BHE3621	05/23/2024 12:31	TBB
EPA 200.8	Molybdenum	A	0.00247	mg/L	1	2.17E-5	0.00100	BHE3621	05/23/2024 12:31	TBB
EPA 200.8	Nickel	A	0.00236	mg/L	1	3.98E-5	0.00200	BHE3621	05/23/2024 12:31	TBB
EPA 200.8	Selenium	A	0.000470	mg/L	1	0.000354	0.00500	BHE3621	05/23/2024 12:31	TBB
EPA 200.8	Silver	A	<4.67E-6U	mg/L	1	4.67E-6	0.000500	BHE3621	05/23/2024 12:31	TBB
EPA 200.8	Thallium	A	<6.17E-5U	mg/L	1	6.17E-5	0.000500	BHE3621	05/23/2024 12:31	TBB
EPA 200.8	Zinc	A	0.0445	mg/L	1	0.000207	0.00500	BHE3621	05/30/2024 13:21	JKC

Metals, Dissolved

SM 3500-Cr B	Chromium (VI)	A	0.00895	mg/L	1	0.00150	0.00300	BHE3638	05/22/2024 10:59	JVG
--------------	---------------	---	---------	------	---	---------	---------	---------	------------------	-----

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Sample Results

(Continued)

Client Sample ID: Raw Sampler

Sample Matrix: Waste Water

Lab Sample ID: 24D3985-01

Date Collected: 05/14/2024 8:50

Odem Street WWTP - Table III - Raw Sampler

[none]

Collected by: Joshua Marquet

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
--------	---------	---	----------	-------	----	-----	-----	-------	----------	---------

Metals, Total

EPA 200.8	Aluminum	A	0.415	mg/L	1	0.000167	0.00625	BHE3255	05/21/2024 12:57	JKC
EPA 200.8	Antimony	A	0.000396	mg/L	1	5.89E-5	0.00200	BHE3255	05/21/2024 12:57	JKC
EPA 200.8	Arsenic	A	0.00182	mg/L	1	4.68E-5	0.000500	BHE3255	05/22/2024 12:01	JKC
EPA 200.8	Barium	A	0.226	mg/L	1	2.00E-5	0.00300	BHE3255	05/21/2024 12:57	JKC
EPA 200.8	Beryllium	A	2.70E-5	mg/L	1	1.37E-5	0.000200	BHE3255	05/21/2024 12:57	JKC
EPA 200.8	Cadmium	A	9.10E-5	mg/L	1	7.98E-6	0.00200	BHE3255	05/21/2024 12:57	JKC
EPA 200.8	Chromium	A	0.00133	mg/L	1	8.39E-5	0.00600	BHE3255	05/21/2024 12:57	JKC
EPA 200.8	Copper	A	0.0109	mg/L	1	0.000182	0.00200	BHE3255	05/21/2024 12:57	JKC
Calc	Chromium (III)		<0.00900	mg/L	1	0.00158	0.00900	[CALC]	05/21/2024 12:57	JVG
EPA 200.8	Lead	A	0.00357	mg/L	1	1.20E-5	0.00100	BHE3255	05/21/2024 12:57	JKC
EPA 200.8	Molybdenum	A	0.000657	mg/L	1	2.17E-5	0.00100	BHE3255	05/21/2024 12:57	JKC
EPA 200.8	Nickel	A	0.00337	mg/L	1	3.98E-5	0.00200	BHE3255	05/21/2024 12:57	JKC
EPA 200.8	Selenium	A	0.000606	mg/L	1	0.000354	0.00500	BHE3255	05/21/2024 12:57	JKC
EPA 200.8	Silver	A	3.70E-5	mg/L	1	4.67E-6	0.000500	BHE3255	05/21/2024 12:57	JKC
EPA 200.8	Thallium	A	<6.17E-5U	mg/L	1	6.17E-5	0.000500	BHE3255	05/21/2024 12:57	JKC
EPA 200.8	Zinc	A	0.122	mg/L	1	0.000207	0.00400	BHE3255	05/21/2024 12:57	JKC

Metals, Dissolved

SM 3500-Cr B	Chromium (VI)	A	0.00574	mg/L	1	0.00150	0.00300	BHE1348	05/16/2024 13:22	JVG
--------------	---------------	---	---------	------	---	---------	---------	---------	------------------	-----

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Quality Control

Volatile Organic Compounds by GCMS

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHE2541 - EPA 624										
Blank (BHE2541-BLK1)					Prepared & Analyzed: 5/15/2024					
1,1,1-Trichloroethane	<10.0	U	10.0	ug/L						
1,1,2,2-Tetrachloroethane	<10.0	U	10.0	ug/L						
1,1,2-Trichloroethane	<10.0	U	10.0	ug/L						
1,1-Dichloroethane	<10.0	U	10.0	ug/L						
1,1-Dichloroethylene	<10.0	U	10.0	ug/L						
1,2-Dibromoethane (EDB, Ethylene dibromide)	<10.0	U	10.0	ug/L						
1,2-Dichlorobenzene (o-Dichlorobenzene)	<10.0	U	10.0	ug/L						
1,2-Dichloroethane (Ethylene dichloride)	<10.0	U	10.0	ug/L						
1,2-Dichloropropane	<10.0	U	10.0	ug/L						
1,3-Dichlorobenzene (m-Dichlorobenzene)	<10.0	U	10.0	ug/L						
1,4-Dichlorobenzene (p-Dichlorobenzene)	<10.0	U	10.0	ug/L						
2-Butanone (Methyl ethyl ketone, MEK)	<50.0	U	50.0	ug/L						
2-Chloroethyl vinyl ether	<10.0	U	10.0	ug/L						
Acrolein (Propenal)	<50.0	U	50.0	ug/L						
Acrylonitrile	<50.0	U	50.0	ug/L						
Benzene	<10.0	U	10.0	ug/L						
Bromodichloromethane	2.46		10.0	ug/L						
Bromoform	1.18		10.0	ug/L						
Carbon tetrachloride	<2.00	U	2.00	ug/L						
Chlorobenzene	<10.0	U	10.0	ug/L						
Chlorodibromomethane	1.88		10.0	ug/L						
Chloroethane (Ethyl chloride)	<50.0	U	50.0	ug/L						
Chloroform	5.52		10.0	ug/L						
cis-1,3-Dichloropropene	<10.0	U	10.0	ug/L						
Ethylbenzene	<10.0	U	10.0	ug/L						
Methyl bromide (Bromomethane)	<50.0	U	50.0	ug/L						
Methyl chloride (Chloromethane)	<50.0	U	50.0	ug/L						
Methylene chloride (Dichloromethane)	<20.0	U	20.0	ug/L						
Tetrachloroethylene (Perchloroethylene)	<10.0	U	10.0	ug/L						
Toluene	<10.0	U	10.0	ug/L						
Total Trihalomethanes (TTHMs)	11.0		10.0	ug/L						
trans-1,2-Dichloroethylene	<10.0	U	10.0	ug/L						
trans-1,3-Dichloropropylene	<10.0	U	10.0	ug/L						
Trichloroethene (Trichloroethylene)	<10.0	U	10.0	ug/L						
Vinyl chloride (Chloroethene)	<10.0	U	10.0	ug/L						
Surrogate: 4-Bromofluorobenzene-surr			49.7	ug/L	50.0		99.3	70-130		
Surrogate: 1,2-Dichloroethane-d4-surr			54.3	ug/L	50.0		109	70-130		
Surrogate: Dibromofluoromethane-surr			51.9	ug/L	50.0		104	70-130		
Surrogate: Toluene-d8-surr			51.6	ug/L	50.0		103	70-130		

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Quality Control
(Continued)

Volatile Organic Compounds by GCMS (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHE2541 - EPA 624 (Continued)										
LCS (BHE2541-BS1)					Prepared & Analyzed: 5/15/2024					
1,1,1-Trichloroethane	40.1		10.0	ug/L	50.0		80.2	70-130		
1,1,2,2-Tetrachloroethane	43.5		10.0	ug/L	50.0		87.0	60-140		
1,1,2-Trichloroethane	41.8		10.0	ug/L	50.0		83.6	70-130		
1,1-Dichloroethane	40.5		10.0	ug/L	50.0		81.0	70-130		
1,1-Dichloroethylene	34.3		10.0	ug/L	50.0		68.5	50-150		
1,2-Dibromoethane (EDB, Ethylene dibromide)	42.3		10.0	ug/L	50.0		84.6	70-130		
1,2-Dichlorobenzene (o-Dichlorobenzene)	39.6		10.0	ug/L	50.0		79.2	65-135		
1,2-Dichloroethane (Ethylene dichloride)	42.8		10.0	ug/L	50.0		85.5	70-130		
1,2-Dichloropropane	42.8		10.0	ug/L	50.0		85.6	35-165		
1,3-Dichlorobenzene (m-Dichlorobenzene)	40.3		10.0	ug/L	50.0		80.6	70-130		
1,4-Dichlorobenzene (p-Dichlorobenzene)	40.5		10.0	ug/L	50.0		81.0	65-135		
2-Butanone (Methyl ethyl ketone, MEK)	450		50.0	ug/L	500		89.9	70-130		
2-Chloroethyl vinyl ether	46.2		10.0	ug/L	50.0		92.5	0-225		
Acrolein (Propenal)	256		50.0	ug/L	250		103	60-140		
Acrylonitrile	48.0		50.0	ug/L	50.0		95.9	60-140		
Benzene	41.3		10.0	ug/L	50.0		82.7	65-135		
Bromodichloromethane	42.4		10.0	ug/L	50.0		84.8	65-135		
Bromoform	40.9		10.0	ug/L	50.0		81.9	70-130		
Carbon tetrachloride	40.2		2.00	ug/L	50.0		80.4	70-130		
Chlorobenzene	41.9		10.0	ug/L	50.0		83.8	65-135		
Chlorodibromomethane	41.6		10.0	ug/L	50.0		83.2	70-135		
Chloroethane (Ethyl chloride)	38.4		50.0	ug/L	50.0		76.8	40-160		
Chloroform	42.0		10.0	ug/L	50.0		84.0	70-135		
cis-1,3-Dichloropropene	42.9		10.0	ug/L	50.0		85.7	25-175		
Ethylbenzene	42.1		10.0	ug/L	50.0		84.2	60-140		
Methyl bromide (Bromomethane)	37.3		50.0	ug/L	50.0		74.6	15-185		
Methyl chloride (Chloromethane)	38.4		50.0	ug/L	50.0		76.8	0-205		
Methylene chloride (Dichloromethane)	39.8		20.0	ug/L	50.0		79.6	60-140		
Tetrachloroethylene (Perchloroethylene)	40.0		10.0	ug/L	50.0		79.9	70-130		
Toluene	41.6		10.0	ug/L	50.0		83.2	70-130		
Total Trihalomethanes (TTHMs)	167		10.0	ug/L	200		83.5	70-130		
trans-1,2-Dichloroethylene	38.9		10.0	ug/L	50.0		77.8	70-130		
trans-1,3-Dichloropropylene	43.5		10.0	ug/L	50.0		86.9	50-150		
Trichloroethene (Trichloroethylene)	40.6		10.0	ug/L	50.0		81.1	65-135		
Vinyl chloride (Chloroethene)	38.6		10.0	ug/L	50.0		77.2	5-195		
Surrogate: 4-Bromofluorobenzene-surr			47.2	ug/L	50.0		94.5	70-130		
Surrogate: 1,2-Dichloroethane-d4-surr			51.2	ug/L	50.0		102	70-130		
Surrogate: Dibromofluoromethane-surr			47.6	ug/L	50.0		95.3	70-130		
Surrogate: Toluene-d8-surr			51.1	ug/L	50.0		102	70-130		

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Quality Control
(Continued)

Volatile Organic Compounds by GCMS (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHE2541 - EPA 624 (Continued)										
LCS Dup (BHE2541-BSD1)					Prepared & Analyzed: 5/15/2024					
1,1,1-Trichloroethane	38.5		10.0	ug/L	50.0		77.0	70-130	4.14	36
1,1,2,2-Tetrachloroethane	42.6		10.0	ug/L	50.0		85.1	60-140	2.13	61
1,1,2-Trichloroethane	40.8		10.0	ug/L	50.0		81.6	70-130	2.39	45
1,1-Dichloroethane	39.5		10.0	ug/L	50.0		79.1	70-130	2.41	40
1,1-Dichloroethylene	32.0		10.0	ug/L	50.0		64.1	50-150	6.70	32
1,2-Dibromoethane (EDB, Ethylene dibromide)	41.0		10.0	ug/L	50.0		81.9	70-130	3.17	30
1,2-Dichlorobenzene (o-Dichlorobenzene)	41.9		10.0	ug/L	50.0		83.8	65-135	5.66	57
1,2-Dichloroethane (Ethylene dichloride)	41.4		10.0	ug/L	50.0		82.9	70-130	3.13	49
1,2-Dichloropropane	41.9		10.0	ug/L	50.0		83.9	35-165	2.04	55
1,3-Dichlorobenzene (m-Dichlorobenzene)	42.1		10.0	ug/L	50.0		84.2	70-130	4.31	43
1,4-Dichlorobenzene (p-Dichlorobenzene)	42.2		10.0	ug/L	50.0		84.3	65-135	4.01	57
2-Butanone (Methyl ethyl ketone, MEK)	437		50.0	ug/L	500		87.3	70-130	2.92	30
2-Chloroethyl vinyl ether	46.2		10.0	ug/L	50.0		92.5	0-225	0.0215	71
Acrolein (Propenal)	264		50.0	ug/L	250		105	60-140	2.72	60
Acrylonitrile	48.1		50.0	ug/L	50.0		96.1	60-140	0.210	60
Benzene	39.7		10.0	ug/L	50.0		79.5	65-135	3.92	61
Bromodichloromethane	41.0		10.0	ug/L	50.0		82.1	65-135	3.23	56
Bromoform	39.7		10.0	ug/L	50.0		79.4	70-130	3.06	42
Carbon tetrachloride	38.5		2.00	ug/L	50.0		77.0	70-130	4.39	41
Chlorobenzene	41.2		10.0	ug/L	50.0		82.4	65-135	1.72	53
Chlorodibromomethane	40.3		10.0	ug/L	50.0		80.7	70-135	3.00	50
Chloroethane (Ethyl chloride)	37.1		50.0	ug/L	50.0		74.1	40-160	3.50	78
Chloroform	38.4		10.0	ug/L	50.0		76.8	70-135	8.99	54
cis-1,3-Dichloropropene	41.6		10.0	ug/L	50.0		83.2	25-175	2.98	58
Ethylbenzene	41.2		10.0	ug/L	50.0		82.4	60-140	2.18	63
Methyl bromide (Bromomethane)	36.4		50.0	ug/L	50.0		72.7	15-185	2.62	61
Methyl chloride (Chloromethane)	36.5		50.0	ug/L	50.0		73.1	0-205	4.93	60
Methylene chloride (Dichloromethane)	39.0		20.0	ug/L	50.0		78.0	60-140	2.05	28
Tetrachloroethylene (Perchloroethylene)	38.3		10.0	ug/L	50.0		76.5	70-130	4.39	39
Toluene	40.5		10.0	ug/L	50.0		81.0	70-130	2.66	41
Total Trihalomethanes (TTHMs)	160		10.0	ug/L	200		79.8	70-130	4.55	30
trans-1,2-Dichloroethylene	37.6		10.0	ug/L	50.0		75.2	70-130	3.40	45
trans-1,3-Dichloropropylene	42.2		10.0	ug/L	50.0		84.4	50-150	2.88	86
Trichloroethene (Trichloroethylene)	39.0		10.0	ug/L	50.0		77.9	65-135	4.04	48
Vinyl chloride (Chloroethene)	35.9		10.0	ug/L	50.0		71.8	5-195	7.32	66
Surrogate: 4-Bromofluorobenzene-surr			49.5	ug/L	50.0		99.0	70-130		
Surrogate: 1,2-Dichloroethane-d4-surr			51.7	ug/L	50.0		103	70-130		
Surrogate: Dibromofluoromethane-surr			47.1	ug/L	50.0		94.2	70-130		
Surrogate: Toluene-d8-surr			51.2	ug/L	50.0		102	70-130		

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Quality Control
(Continued)

Volatile Organic Compounds by GCMS (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit
Batch: BHE2541 - EPA 624 (Continued)									
Matrix Spike (BHE2541-MS1)		Source: 24D3982-04			Prepared & Analyzed: 5/15/2024				
1,1,1-Trichloroethane	48.4		10.0	ug/L	50.0	<10.0	96.9	52-162	
1,1,2,2-Tetrachloroethane	53.8		10.0	ug/L	50.0	<10.0	108	46-157	
1,1,2-Trichloroethane	48.3		10.0	ug/L	50.0	<10.0	96.7	52-150	
1,1-Dichloroethane	48.2		10.0	ug/L	50.0	<10.0	96.3	59-155	
1,1-Dichloroethylene	41.6		10.0	ug/L	50.0	<10.0	83.1	0-234	
1,2-Dibromoethane (EDB, Ethylene dibromide)	48.7		10.0	ug/L	50.0	<10.0	97.3	70-130	
1,2-Dichlorobenzene (o-Dichlorobenzene)	50.5		10.0	ug/L	50.0	<10.0	101	18-190	
1,2-Dichloroethane (Ethylene dichloride)	49.9		10.0	ug/L	50.0	<10.0	99.8	49-155	
1,2-Dichloropropane	50.5		10.0	ug/L	50.0	<10.0	101	0-210	
1,3-Dichlorobenzene (m-Dichlorobenzene)	51.2		10.0	ug/L	50.0	<10.0	102	59-156	
1,4-Dichlorobenzene (p-Dichlorobenzene)	51.8		10.0	ug/L	50.0	<10.0	104	18-190	
2-Butanone (Methyl ethyl ketone, MEK)	597		50.0	ug/L	500	<50.0	119	70-130	
2-Chloroethyl vinyl ether	56.1		10.0	ug/L	50.0	<10.0	112	0-305	
Acrolein (Propenal)	10.6	J1	50.0	ug/L	250	<50.0	4.24	40-160	
Acrylonitrile	60.1		50.0	ug/L	50.0	<50.0	120	40-160	
Benzene	48.6		10.0	ug/L	50.0	<10.0	97.3	37-151	
Bromodichloromethane	43.0		10.0	ug/L	50.0	<10.0	86.0	35-155	
Bromoform	38.0		10.0	ug/L	50.0	<10.0	76.0	45-169	
Carbon tetrachloride	44.2		2.00	ug/L	50.0	<2.00	88.3	70-140	
Chlorobenzene	50.1		10.0	ug/L	50.0	<10.0	100	37-160	
Chlorodibromomethane	39.4		10.0	ug/L	50.0	<10.0	78.7	53-149	
Chloroethane (Ethyl chloride)	47.7		50.0	ug/L	50.0	<50.0	95.5	14-230	
Chloroform	39.2		10.0	ug/L	50.0	<10.0	78.5	51-138	
cis-1,3-Dichloropropene	49.0		10.0	ug/L	50.0	<10.0	98.0	0-227	
Ethylbenzene	51.3		10.0	ug/L	50.0	<10.0	103	37-162	
Methyl bromide (Bromomethane)	45.5		50.0	ug/L	50.0	<50.0	91.0	0-242	
Methyl chloride (Chloromethane)	46.3		50.0	ug/L	50.0	<50.0	92.7	0-273	
Methylene chloride (Dichloromethane)	50.8		20.0	ug/L	50.0	<20.0	102	0-221	
Tetrachloroethylene (Perchloroethylene)	46.4		10.0	ug/L	50.0	<10.0	92.8	64-148	
Toluene	57.9		10.0	ug/L	50.0	9.33	97.2	47-150	
Total Trihalomethanes (TTHMs)	160		10.0	ug/L	200	<10.0	79.8	70-130	
trans-1,2-Dichloroethylene	47.3		10.0	ug/L	50.0	<10.0	94.6	54-156	
trans-1,3-Dichloropropylene	49.6		10.0	ug/L	50.0	<10.0	99.3	17-183	
Trichloroethene (Trichloroethylene)	49.6		10.0	ug/L	50.0	<10.0	99.1	70-157	
Vinyl chloride (Chloroethene)	47.1		10.0	ug/L	50.0	<10.0	94.2	0-251	
Surrogate: 4-Bromofluorobenzene-surr			48.7	ug/L	50.0		97.5	70-130	
Surrogate: 1,2-Dichloroethane-d4-surr			50.8	ug/L	50.0		102	70-130	
Surrogate: Dibromofluoromethane-surr			47.2	ug/L	50.0		94.4	70-130	
Surrogate: Toluene-d8-surr			52.7	ug/L	50.0		105	70-130	

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Quality Control
(Continued)

Volatile Organic Compounds by GCMS (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHE2541 - EPA 624 (Continued)										
Matrix Spike Dup (BHE2541-MSD1)			Source: 24D3982-04			Prepared & Analyzed: 5/15/2024				
1,1,1-Trichloroethane	48.8		10.0	ug/L	50.0	<10.0	97.7	52-162	0.791	36
1,1,2,2-Tetrachloroethane	53.4		10.0	ug/L	50.0	<10.0	107	46-157	0.602	61
1,1,2-Trichloroethane	49.0		10.0	ug/L	50.0	<10.0	98.0	52-150	1.35	45
1,1-Dichloroethane	49.2		10.0	ug/L	50.0	<10.0	98.4	59-155	2.09	40
1,1-Dichloroethylene	41.8		10.0	ug/L	50.0	<10.0	83.7	0-234	0.628	32
1,2-Dibromoethane (EDB, Ethylene dibromide)	49.5		10.0	ug/L	50.0	<10.0	99.1	70-130	1.77	30
1,2-Dichlorobenzene (o-Dichlorobenzene)	47.8		10.0	ug/L	50.0	<10.0	95.5	18-190	5.49	57
1,2-Dichloroethane (Ethylene dichloride)	51.2		10.0	ug/L	50.0	<10.0	102	49-155	2.57	49
1,2-Dichloropropane	50.8		10.0	ug/L	50.0	<10.0	102	0-210	0.414	55
1,3-Dichlorobenzene (m-Dichlorobenzene)	47.6		10.0	ug/L	50.0	<10.0	95.2	59-156	7.40	43
1,4-Dichlorobenzene (p-Dichlorobenzene)	48.3		10.0	ug/L	50.0	<10.0	96.7	18-190	6.89	57
2-Butanone (Methyl ethyl ketone, MEK)	609		50.0	ug/L	500	<50.0	122	70-130	2.02	30
2-Chloroethyl vinyl ether	55.7		10.0	ug/L	50.0	<10.0	111	0-305	0.642	71
Acrolein (Propenal)	7.16	J1	50.0	ug/L	250	<50.0	2.86	40-160	38.7	60
Acrylonitrile	58.8		50.0	ug/L	50.0	<50.0	118	40-160	2.18	60
Benzene	49.3		10.0	ug/L	50.0	<10.0	98.7	37-151	1.43	61
Bromodichloromethane	42.9		10.0	ug/L	50.0	<10.0	85.8	35-155	0.209	56
Bromoform	38.0		10.0	ug/L	50.0	<10.0	76.1	45-169	0.151	42
Carbon tetrachloride	45.1		2.00	ug/L	50.0	<2.00	90.2	70-140	2.12	41
Chlorobenzene	49.8		10.0	ug/L	50.0	<10.0	99.6	37-160	0.590	53
Chlorodibromomethane	39.2		10.0	ug/L	50.0	<10.0	78.4	53-149	0.373	50
Chloroethane (Ethyl chloride)	48.6		50.0	ug/L	50.0	<50.0	97.1	14-230	1.71	78
Chloroform	40.2		10.0	ug/L	50.0	<10.0	80.5	51-138	2.49	54
cis-1,3-Dichloropropene	49.5		10.0	ug/L	50.0	<10.0	99.0	0-227	1.08	58
Ethylbenzene	50.7		10.0	ug/L	50.0	<10.0	101	37-162	1.05	63
Methyl bromide (Bromomethane)	43.9		50.0	ug/L	50.0	<50.0	87.8	0-242	3.52	61
Methyl chloride (Chloromethane)	47.0		50.0	ug/L	50.0	<50.0	94.0	0-273	1.49	60
Methylene chloride (Dichloromethane)	51.6		20.0	ug/L	50.0	<20.0	103	0-221	1.50	28
Tetrachloroethylene (Perchloroethylene)	46.4		10.0	ug/L	50.0	<10.0	92.7	64-148	0.0428	39
Toluene	58.6		10.0	ug/L	50.0	9.33	98.6	47-150	1.22	41
Total Trihalomethanes (TTHMs)	160		10.0	ug/L	200	<10.0	80.2	70-130	0.507	30
trans-1,2-Dichloroethylene	47.5		10.0	ug/L	50.0	<10.0	95.0	54-156	0.395	45
trans-1,3-Dichloropropylene	49.4		10.0	ug/L	50.0	<10.0	98.8	17-183	0.531	86
Trichloroethene (Trichloroethylene)	50.0		10.0	ug/L	50.0	<10.0	100	70-157	0.833	48
Vinyl chloride (Chloroethene)	48.0		10.0	ug/L	50.0	<10.0	96.0	0-251	1.87	66
Surrogate: 4-Bromofluorobenzene-surr			47.4	ug/L	50.0		94.9	70-130		
Surrogate: 1,2-Dichloroethane-d4-surr			51.2	ug/L	50.0		102	70-130		
Surrogate: Dibromofluoromethane-surr			48.1	ug/L	50.0		96.2	70-130		
Surrogate: Toluene-d8-surr			51.7	ug/L	50.0		103	70-130		

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Quality Control
(Continued)

Volatile Organic Compounds by GCMS (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHE3580 - EPA 624										
Blank (BHE3580-BLK1)					Prepared & Analyzed: 5/21/2024					
1,1,1-Trichloroethane	<10.0	U	10.0	ug/L						
1,1,2,2-Tetrachloroethane	<10.0	U	10.0	ug/L						
1,1,2-Trichloroethane	<10.0	U	10.0	ug/L						
1,1-Dichloroethane	<10.0	U	10.0	ug/L						
1,1-Dichloroethylene	<10.0	U	10.0	ug/L						
1,2-Dibromoethane (EDB, Ethylene dibromide)	<10.0	U	10.0	ug/L						
1,2-Dichlorobenzene (o-Dichlorobenzene)	<10.0	U	10.0	ug/L						
1,2-Dichloroethane (Ethylene dichloride)	<10.0	U	10.0	ug/L						
1,2-Dichloropropane	<10.0	U	10.0	ug/L						
1,3-Dichlorobenzene (m-Dichlorobenzene)	<10.0	U	10.0	ug/L						
1,4-Dichlorobenzene (p-Dichlorobenzene)	<10.0	U	10.0	ug/L						
2-Butanone (Methyl ethyl ketone, MEK)	<50.0	U	50.0	ug/L						
2-Chloroethyl vinyl ether	<10.0	U	10.0	ug/L						
Acrolein (Propenal)	<50.0	U	50.0	ug/L						
Acrylonitrile	<50.0	U	50.0	ug/L						
Benzene	<10.0	U	10.0	ug/L						
Bromodichloromethane	<10.0	U	10.0	ug/L						
Bromoform	<10.0	U	10.0	ug/L						
Carbon tetrachloride	<2.00	U	2.00	ug/L						
Chlorobenzene	<10.0	U	10.0	ug/L						
Chlorodibromomethane	<10.0	U	10.0	ug/L						
Chloroethane (Ethyl chloride)	<50.0	U	50.0	ug/L						
Chloroform	<10.0	U	10.0	ug/L						
cis-1,3-Dichloropropene	<10.0	U	10.0	ug/L						
Ethylbenzene	<10.0	U	10.0	ug/L						
Methyl bromide (Bromomethane)	<50.0	U	50.0	ug/L						
Methyl chloride (Chloromethane)	<50.0	U	50.0	ug/L						
Methylene chloride (Dichloromethane)	<20.0	U	20.0	ug/L						
Tetrachloroethylene (Perchloroethylene)	<10.0	U	10.0	ug/L						
Toluene	<10.0	U	10.0	ug/L						
Total Trihalomethanes (TTHMs)	<10.0	U	10.0	ug/L						
trans-1,2-Dichloroethylene	<10.0	U	10.0	ug/L						
trans-1,3-Dichloropropylene	<10.0	U	10.0	ug/L						
Trichloroethene (Trichloroethylene)	<10.0	U	10.0	ug/L						
Vinyl chloride (Chloroethene)	<10.0	U	10.0	ug/L						
Surrogate: 4-Bromofluorobenzene-surr			50.3	ug/L	50.0		101	70-130		
Surrogate: 1,2-Dichloroethane-d4-surr			50.1	ug/L	50.0		100	70-130		
Surrogate: Dibromofluoromethane-surr			52.6	ug/L	50.0		105	70-130		
Surrogate: Toluene-d8-surr			49.7	ug/L	50.0		99.4	70-130		

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Quality Control
(Continued)

Volatile Organic Compounds by GCMS (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHE3580 - EPA 624 (Continued)										
LCS (BHE3580-BS1)					Prepared & Analyzed: 5/21/2024					
1,1,1-Trichloroethane	36.6		10.0	ug/L	50.0		73.2	70-130		
1,1,2,2-Tetrachloroethane	34.3		10.0	ug/L	50.0		68.6	60-140		
1,1,2-Trichloroethane	36.1		10.0	ug/L	50.0		72.2	70-130		
1,1-Dichloroethane	35.9		10.0	ug/L	50.0		71.8	70-130		
1,1-Dichloroethylene	36.7		10.0	ug/L	50.0		73.5	50-150		
1,2-Dibromoethane (EDB, Ethylene dibromide)	35.3		10.0	ug/L	50.0		70.7	70-130		
1,2-Dichlorobenzene (o-Dichlorobenzene)	36.7		10.0	ug/L	50.0		73.4	65-135		
1,2-Dichloroethane (Ethylene dichloride)	35.5		10.0	ug/L	50.0		71.0	70-130		
1,2-Dichloropropane	36.5		10.0	ug/L	50.0		73.0	35-165		
1,3-Dichlorobenzene (m-Dichlorobenzene)	37.2		10.0	ug/L	50.0		74.5	70-130		
1,4-Dichlorobenzene (p-Dichlorobenzene)	36.8		10.0	ug/L	50.0		73.5	65-135		
2-Butanone (Methyl ethyl ketone, MEK)	341	J1	50.0	ug/L	500		68.1	70-130		
2-Chloroethyl vinyl ether	38.7		10.0	ug/L	50.0		77.4	0-225		
Acrolein (Propenal)	208		50.0	ug/L	250		83.2	60-140		
Acrylonitrile	36.6		50.0	ug/L	50.0		73.1	60-140		
Benzene	36.6		10.0	ug/L	50.0		73.1	65-135		
Bromodichloromethane	36.6		10.0	ug/L	50.0		73.3	65-135		
Bromoform	34.8	J1	10.0	ug/L	50.0		69.7	70-130		
Carbon tetrachloride	36.2		2.00	ug/L	50.0		72.5	70-130		
Chlorobenzene	35.8		10.0	ug/L	50.0		71.7	65-135		
Chlorodibromomethane	39.3		10.0	ug/L	50.0		78.6	70-135		
Chloroethane (Ethyl chloride)	40.3		50.0	ug/L	50.0		80.7	40-160		
Chloroform	37.9		10.0	ug/L	50.0		75.8	70-135		
cis-1,3-Dichloropropene	36.7		10.0	ug/L	50.0		73.3	25-175		
Ethylbenzene	35.6		10.0	ug/L	50.0		71.2	60-140		
Methyl bromide (Bromomethane)	39.5		50.0	ug/L	50.0		79.1	15-185		
Methyl chloride (Chloromethane)	39.7		50.0	ug/L	50.0		79.4	0-205		
Methylene chloride (Dichloromethane)	35.8		20.0	ug/L	50.0		71.6	60-140		
Tetrachloroethylene (Perchloroethylene)	36.9		10.0	ug/L	50.0		73.9	70-130		
Toluene	36.2		10.0	ug/L	50.0		72.4	70-130		
Total Trihalomethanes (TTHMs)	149		10.0	ug/L	200		74.3	70-130		
trans-1,2-Dichloroethylene	36.0		10.0	ug/L	50.0		72.0	70-130		
trans-1,3-Dichloropropylene	36.3		10.0	ug/L	50.0		72.6	50-150		
Trichloroethene (Trichloroethylene)	36.7		10.0	ug/L	50.0		73.4	65-135		
Vinyl chloride (Chloroethene)	40.1		10.0	ug/L	50.0		80.3	5-195		
Surrogate: 4-Bromofluorobenzene-surr			50.8	ug/L	50.0		102	70-130		
Surrogate: 1,2-Dichloroethane-d4-surr			49.2	ug/L	50.0		98.4	70-130		
Surrogate: Dibromofluoromethane-surr			49.5	ug/L	50.0		99.1	70-130		
Surrogate: Toluene-d8-surr			50.0	ug/L	50.0		100	70-130		

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Quality Control
(Continued)

Volatile Organic Compounds by GCMS (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHE3580 - EPA 624 (Continued)										
LCS Dup (BHE3580-BSD1)					Prepared & Analyzed: 5/21/2024					
1,1,1-Trichloroethane	38.2		10.0	ug/L	50.0		76.4	70-130	4.23	36
1,1,2,2-Tetrachloroethane	36.5		10.0	ug/L	50.0		72.9	60-140	6.08	61
1,1,2-Trichloroethane	36.9		10.0	ug/L	50.0		73.8	70-130	2.21	45
1,1-Dichloroethane	38.2		10.0	ug/L	50.0		76.4	70-130	6.23	40
1,1-Dichloroethylene	38.6		10.0	ug/L	50.0		77.3	50-150	5.03	32
1,2-Dibromoethane (EDB, Ethylene dibromide)	37.2		10.0	ug/L	50.0		74.4	70-130	5.13	30
1,2-Dichlorobenzene (o-Dichlorobenzene)	37.7		10.0	ug/L	50.0		75.3	65-135	2.57	57
1,2-Dichloroethane (Ethylene dichloride)	37.2		10.0	ug/L	50.0		74.4	70-130	4.67	49
1,2-Dichloropropane	38.1		10.0	ug/L	50.0		76.1	35-165	4.15	55
1,3-Dichlorobenzene (m-Dichlorobenzene)	37.9		10.0	ug/L	50.0		75.8	70-130	1.84	43
1,4-Dichlorobenzene (p-Dichlorobenzene)	38.2		10.0	ug/L	50.0		76.3	65-135	3.73	57
2-Butanone (Methyl ethyl ketone, MEK)	364		50.0	ug/L	500		72.7	70-130	6.53	30
2-Chloroethyl vinyl ether	39.8		10.0	ug/L	50.0		79.6	0-225	2.71	71
Acrolein (Propenal)	216		50.0	ug/L	250		86.2	60-140	3.55	60
Acrylonitrile	38.7		50.0	ug/L	50.0		77.4	60-140	5.73	60
Benzene	38.3		10.0	ug/L	50.0		76.6	65-135	4.59	61
Bromodichloromethane	38.1		10.0	ug/L	50.0		76.2	65-135	3.88	56
Bromoform	37.4		10.0	ug/L	50.0		74.8	70-130	7.03	42
Carbon tetrachloride	38.6		2.00	ug/L	50.0		77.3	70-130	6.44	41
Chlorobenzene	38.0		10.0	ug/L	50.0		76.1	65-135	5.94	53
Chlorodibromomethane	41.3		10.0	ug/L	50.0		82.6	70-135	5.01	50
Chloroethane (Ethyl chloride)	42.3		50.0	ug/L	50.0		84.6	40-160	4.80	78
Chloroform	40.3		10.0	ug/L	50.0		80.6	70-135	6.16	54
cis-1,3-Dichloropropene	37.8		10.0	ug/L	50.0		75.7	25-175	3.19	58
Ethylbenzene	38.3		10.0	ug/L	50.0		76.6	60-140	7.40	63
Methyl bromide (Bromomethane)	41.8		50.0	ug/L	50.0		83.6	15-185	5.58	61
Methyl chloride (Chloromethane)	42.0		50.0	ug/L	50.0		84.0	0-205	5.59	60
Methylene chloride (Dichloromethane)	38.0		20.0	ug/L	50.0		76.1	60-140	6.03	28
Tetrachloroethylene (Perchloroethylene)	38.5		10.0	ug/L	50.0		76.9	70-130	4.04	39
Toluene	37.6		10.0	ug/L	50.0		75.2	70-130	3.80	41
Total Trihalomethanes (TTHMs)	157		10.0	ug/L	200		78.5	70-130	5.51	30
trans-1,2-Dichloroethylene	38.1		10.0	ug/L	50.0		76.3	70-130	5.83	45
trans-1,3-Dichloropropylene	37.7		10.0	ug/L	50.0		75.4	50-150	3.76	86
Trichloroethene (Trichloroethylene)	37.7		10.0	ug/L	50.0		75.4	65-135	2.74	48
Vinyl chloride (Chloroethene)	41.9		10.0	ug/L	50.0		83.7	5-195	4.22	66
Surrogate: 4-Bromofluorobenzene-surr			49.8	ug/L	50.0		99.5	70-130		
Surrogate: 1,2-Dichloroethane-d4-surr			49.4	ug/L	50.0		98.7	70-130		
Surrogate: Dibromofluoromethane-surr			49.6	ug/L	50.0		99.3	70-130		
Surrogate: Toluene-d8-surr			50.2	ug/L	50.0		100	70-130		

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Quality Control
(Continued)

Volatile Organic Compounds by GCMS (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHE3580 - EPA 624 (Continued)										
Matrix Spike (BHE3580-MS1)			Source: 24D3977-04			Prepared & Analyzed: 5/21/2024				
1,1,1-Trichloroethane	49.0		10.0	ug/L	50.0	<10.0	98.0	52-162		
1,1,2,2-Tetrachloroethane	46.1		10.0	ug/L	50.0	<10.0	92.2	46-157		
1,1,2-Trichloroethane	45.9		10.0	ug/L	50.0	<10.0	91.9	52-150		
1,1-Dichloroethane	47.7		10.0	ug/L	50.0	<10.0	95.5	59-155		
1,1-Dichloroethylene	50.1		10.0	ug/L	50.0	<10.0	100	0-234		
1,2-Dibromoethane (EDB, Ethylene dibromide)	46.1		10.0	ug/L	50.0	<10.0	92.3	70-130		
1,2-Dichlorobenzene (o-Dichlorobenzene)	46.0		10.0	ug/L	50.0	<10.0	92.0	18-190		
1,2-Dichloroethane (Ethylene dichloride)	46.6		10.0	ug/L	50.0	<10.0	93.2	49-155		
1,2-Dichloropropane	47.3		10.0	ug/L	50.0	<10.0	94.6	0-210		
1,3-Dichlorobenzene (m-Dichlorobenzene)	46.4		10.0	ug/L	50.0	<10.0	92.8	59-156		
1,4-Dichlorobenzene (p-Dichlorobenzene)	46.9		10.0	ug/L	50.0	<10.0	93.8	18-190		
2-Butanone (Methyl ethyl ketone, MEK)	460		50.0	ug/L	500	<50.0	92.0	70-130		
2-Chloroethyl vinyl ether	49.9		10.0	ug/L	50.0	<10.0	99.9	0-305		
Acrolein (Propenal)	274		50.0	ug/L	250	<50.0	109	40-160		
Acrylonitrile	51.1		50.0	ug/L	50.0	<50.0	102	40-160		
Benzene	47.9		10.0	ug/L	50.0	<10.0	95.8	37-151		
Bromodichloromethane	44.7		10.0	ug/L	50.0	<10.0	89.5	35-155		
Bromoform	45.0		10.0	ug/L	50.0	<10.0	90.1	45-169		
Carbon tetrachloride	49.2		2.00	ug/L	50.0	<2.00	98.4	70-140		
Chlorobenzene	47.9		10.0	ug/L	50.0	<10.0	95.7	37-160		
Chlorodibromomethane	47.1		10.0	ug/L	50.0	<10.0	94.2	53-149		
Chloroethane (Ethyl chloride)	52.6		50.0	ug/L	50.0	<50.0	105	14-230		
Chloroform	35.2		10.0	ug/L	50.0	<10.0	70.5	51-138		
cis-1,3-Dichloropropene	47.0		10.0	ug/L	50.0	<10.0	94.0	0-227		
Ethylbenzene	47.6		10.0	ug/L	50.0	<10.0	95.2	37-162		
Methyl bromide (Bromomethane)	52.9		50.0	ug/L	50.0	<50.0	106	0-242		
Methyl chloride (Chloromethane)	53.2		50.0	ug/L	50.0	<50.0	106	0-273		
Methylene chloride (Dichloromethane)	47.6		20.0	ug/L	50.0	<20.0	95.3	0-221		
Tetrachloroethylene (Perchloroethylene)	48.4		10.0	ug/L	50.0	<10.0	96.8	64-148		
Toluene	47.3		10.0	ug/L	50.0	<10.0	94.6	47-150		
Total Trihalomethanes (TTHMs)	172		10.0	ug/L	200	<10.0	86.1	70-130		
trans-1,2-Dichloroethylene	47.8		10.0	ug/L	50.0	<10.0	95.6	54-156		
trans-1,3-Dichloropropylene	47.0		10.0	ug/L	50.0	<10.0	94.0	17-183		
Trichloroethene (Trichloroethylene)	48.2		10.0	ug/L	50.0	<10.0	96.4	70-157		
Vinyl chloride (Chloroethene)	53.8		10.0	ug/L	50.0	<10.0	108	0-251		
Surrogate: 4-Bromofluorobenzene-surr			50.0	ug/L	50.0		100	70-130		
Surrogate: 1,2-Dichloroethane-d4-surr			48.4	ug/L	50.0		96.9	70-130		
Surrogate: Dibromofluoromethane-surr			48.5	ug/L	50.0		97.0	70-130		
Surrogate: Toluene-d8-surr			50.3	ug/L	50.0		101	70-130		

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Quality Control
(Continued)

Volatile Organic Compounds by GCMS (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHE3580 - EPA 624 (Continued)										
Matrix Spike Dup (BHE3580-MSD1)			Source: 24D3977-04			Prepared & Analyzed: 5/21/2024				
1,1,1-Trichloroethane	46.1		10.0	ug/L	50.0	<10.0	92.2	52-162	6.11	36
1,1,2,2-Tetrachloroethane	42.3		10.0	ug/L	50.0	<10.0	84.5	46-157	8.70	61
1,1,2-Trichloroethane	43.4		10.0	ug/L	50.0	<10.0	86.8	52-150	5.70	45
1,1-Dichloroethane	44.7		10.0	ug/L	50.0	<10.0	89.5	59-155	6.53	40
1,1-Dichloroethylene	46.0		10.0	ug/L	50.0	<10.0	92.0	0-234	8.44	32
1,2-Dibromoethane (EDB, Ethylene dibromide)	43.4		10.0	ug/L	50.0	<10.0	86.8	70-130	6.11	30
1,2-Dichlorobenzene (o-Dichlorobenzene)	44.0		10.0	ug/L	50.0	<10.0	88.0	18-190	4.50	57
1,2-Dichloroethane (Ethylene dichloride)	43.3		10.0	ug/L	50.0	<10.0	86.5	49-155	7.46	49
1,2-Dichloropropane	44.8		10.0	ug/L	50.0	<10.0	89.6	0-210	5.46	55
1,3-Dichlorobenzene (m-Dichlorobenzene)	45.0		10.0	ug/L	50.0	<10.0	90.0	59-156	3.08	43
1,4-Dichlorobenzene (p-Dichlorobenzene)	44.3		10.0	ug/L	50.0	<10.0	88.5	18-190	5.79	57
2-Butanone (Methyl ethyl ketone, MEK)	434		50.0	ug/L	500	<50.0	86.8	70-130	5.87	30
2-Chloroethyl vinyl ether	49.9		10.0	ug/L	50.0	<10.0	99.7	0-305	0.131	71
Acrolein (Propenal)	266		50.0	ug/L	250	<50.0	106	40-160	2.84	60
Acrylonitrile	47.1		50.0	ug/L	50.0	<50.0	94.3	40-160	8.00	60
Benzene	45.1		10.0	ug/L	50.0	<10.0	90.3	37-151	5.93	61
Bromodichloromethane	42.2		10.0	ug/L	50.0	<10.0	84.3	35-155	5.94	56
Bromoform	42.6		10.0	ug/L	50.0	<10.0	85.2	45-169	5.59	42
Carbon tetrachloride	45.8		2.00	ug/L	50.0	<2.00	91.6	70-140	7.18	41
Chlorobenzene	43.9		10.0	ug/L	50.0	<10.0	87.8	37-160	8.71	53
Chlorodibromomethane	44.4		10.0	ug/L	50.0	<10.0	88.8	53-149	5.95	50
Chloroethane (Ethyl chloride)	51.6		50.0	ug/L	50.0	<50.0	103	14-230	1.93	78
Chloroform	31.8		10.0	ug/L	50.0	<10.0	63.6	51-138	10.3	54
cis-1,3-Dichloropropene	44.0		10.0	ug/L	50.0	<10.0	88.0	0-227	6.55	58
Ethylbenzene	44.8		10.0	ug/L	50.0	<10.0	89.5	37-162	6.14	63
Methyl bromide (Bromomethane)	50.2		50.0	ug/L	50.0	<50.0	100	0-242	5.13	61
Methyl chloride (Chloromethane)	51.1		50.0	ug/L	50.0	<50.0	102	0-273	3.89	60
Methylene chloride (Dichloromethane)	43.9		20.0	ug/L	50.0	<20.0	87.7	0-221	8.24	28
Tetrachloroethylene (Perchloroethylene)	47.5		10.0	ug/L	50.0	<10.0	95.0	64-148	1.84	39
Toluene	44.3		10.0	ug/L	50.0	<10.0	88.5	47-150	6.59	41
Total Trihalomethanes (TTHMs)	161		10.0	ug/L	200	<10.0	80.5	70-130	6.72	30
trans-1,2-Dichloroethylene	44.8		10.0	ug/L	50.0	<10.0	89.5	54-156	6.57	45
trans-1,3-Dichloropropylene	43.6		10.0	ug/L	50.0	<10.0	87.2	17-183	7.57	86
Trichloroethene (Trichloroethylene)	45.2		10.0	ug/L	50.0	<10.0	90.5	70-157	6.32	48
Vinyl chloride (Chloroethene)	52.0		10.0	ug/L	50.0	<10.0	104	0-251	3.33	66
Surrogate: 4-Bromofluorobenzene-surr			50.1	ug/L	50.0		100	70-130		
Surrogate: 1,2-Dichloroethane-d4-surr			48.9	ug/L	50.0		97.7	70-130		
Surrogate: Dibromofluoromethane-surr			48.6	ug/L	50.0		97.3	70-130		
Surrogate: Toluene-d8-surr			50.2	ug/L	50.0		100	70-130		

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Quality Control
(Continued)

Volatile Organic Compounds by GCMS (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHE4011 - EPA 624										
Blank (BHE4011-BLK1)					Prepared & Analyzed: 5/23/2024					
Bromodichloromethane	<10.0	U	10.0	ug/L						
Bromoform	<10.0	U	10.0	ug/L						
Chlorodibromomethane	<10.0	U	10.0	ug/L						
Chloroform	<10.0	U	10.0	ug/L						
Total Trihalomethanes (TTHMs)	<10.0	U	10.0	ug/L						
Surrogate: 4-Bromofluorobenzene-surr			50.4	ug/L	50.0		101	70-130		
Surrogate: 1,2-Dichloroethane-d4-surr			50.4	ug/L	50.0		101	70-130		
Surrogate: Dibromofluoromethane-surr			52.7	ug/L	50.0		105	70-130		
Surrogate: Toluene-d8-surr			49.0	ug/L	50.0		98.0	70-130		
LCS (BHE4011-BS1)					Prepared & Analyzed: 5/23/2024					
Bromodichloromethane	38.6		10.0	ug/L	50.0		77.1	65-135		
Bromoform	36.9		10.0	ug/L	50.0		73.8	70-130		
Chlorodibromomethane	38.3		10.0	ug/L	50.0		76.5	70-135		
Chloroform	36.7		10.0	ug/L	50.0		73.5	70-135		
Total Trihalomethanes (TTHMs)	150		10.0	ug/L	200		75.2	70-130		
Surrogate: 4-Bromofluorobenzene-surr			49.1	ug/L	50.0		98.2	70-130		
Surrogate: 1,2-Dichloroethane-d4-surr			48.7	ug/L	50.0		97.4	70-130		
Surrogate: Dibromofluoromethane-surr			47.8	ug/L	50.0		95.7	70-130		
Surrogate: Toluene-d8-surr			50.2	ug/L	50.0		100	70-130		
LCS Dup (BHE4011-BSD1)					Prepared & Analyzed: 5/23/2024					
Bromodichloromethane	40.6		10.0	ug/L	50.0		81.3	65-135	5.24	56
Bromoform	39.1		10.0	ug/L	50.0		78.2	70-130	5.80	42
Chlorodibromomethane	40.2		10.0	ug/L	50.0		80.3	70-135	4.84	50
Chloroform	38.3		10.0	ug/L	50.0		76.5	70-135	4.08	54
Total Trihalomethanes (TTHMs)	158		10.0	ug/L	200		79.1	70-130	4.99	30
Surrogate: 4-Bromofluorobenzene-surr			49.3	ug/L	50.0		98.5	70-130		
Surrogate: 1,2-Dichloroethane-d4-surr			50.1	ug/L	50.0		100	70-130		
Surrogate: Dibromofluoromethane-surr			49.0	ug/L	50.0		98.0	70-130		
Surrogate: Toluene-d8-surr			50.0	ug/L	50.0		100	70-130		

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Quality Control
(Continued)

Volatile Organic Compounds by GCMS (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit
Batch: BHE4011 - EPA 624 (Continued)									
Matrix Spike (BHE4011-MS1)		Source: 24D3977-04RE1			Prepared & Analyzed: 5/23/2024				
Bromodichloromethane	41.1		10.0	ug/L	50.0	<10.0	82.3	35-155	
Bromoform	43.3		10.0	ug/L	50.0	<10.0	86.6	45-169	
Chlorodibromomethane	41.9		10.0	ug/L	50.0	<10.0	83.8	53-149	
Chloroform	26.7		10.0	ug/L	50.0	<10.0	53.4	51-138	
Total Trihalomethanes (TTHMs)	153		10.0	ug/L	200	<10.0	76.5	70-130	
Surrogate: 4-Bromofluorobenzene-surr			50.1	ug/L	50.0		100	70-130	
Surrogate: 1,2-Dichloroethane-d4-surr			48.6	ug/L	50.0		97.2	70-130	
Surrogate: Dibromofluoromethane-surr			47.9	ug/L	50.0		95.9	70-130	
Surrogate: Toluene-d8-surr			49.9	ug/L	50.0		99.9	70-130	
Matrix Spike Dup (BHE4011-MSD1)		Source: 24D3977-04RE1			Prepared & Analyzed: 5/23/2024				
Bromodichloromethane	41.5		10.0	ug/L	50.0	<10.0	83.0	35-155	0.815
Bromoform	44.1		10.0	ug/L	50.0	<10.0	88.1	45-169	1.76
Chlorodibromomethane	43.3		10.0	ug/L	50.0	<10.0	86.6	53-149	3.35
Chloroform	27.8		10.0	ug/L	50.0	<10.0	55.6	51-138	4.12
Total Trihalomethanes (TTHMs)	157		10.0	ug/L	200	<10.0	78.3	70-130	2.36
Surrogate: 4-Bromofluorobenzene-surr			50.6	ug/L	50.0		101	70-130	
Surrogate: 1,2-Dichloroethane-d4-surr			49.5	ug/L	50.0		98.9	70-130	
Surrogate: Dibromofluoromethane-surr			48.3	ug/L	50.0		96.7	70-130	
Surrogate: Toluene-d8-surr			50.1	ug/L	50.0		100	70-130	

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Quality Control
(Continued)

Semivolatile Organic Compounds by GCMS

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
---------	--------	------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------

Batch: BHE2850 - EPA 625 LLE

Blank (BHE2850-BLK1)

Prepared: 5/16/2024 Analyzed: 5/21/2024

2-Methylphenol	<1.10	U	1.10	ug/L						
1,2,4,5-Tetrachlorobenzene	<0.300	U	0.300	ug/L						
1,2,4-Trichlorobenzene	<0.300	U	0.300	ug/L						
1,2-Diphenylhydrazine	<0.750	U	0.750	ug/L						
2,4,5-Trichlorophenol	<0.700	U	0.700	ug/L						
2,4,6-Trichlorophenol	<1.20	U	1.20	ug/L						
2,4-Dichlorophenol	<0.800	U	0.800	ug/L						
2,4-Dimethylphenol	<0.900	U	0.900	ug/L						
2,4-Dinitrotoluene (2,4-DNT)	<0.200	U	0.200	ug/L						
2,6-Dinitrotoluene (2,6-DNT)	<1.80	U	1.80	ug/L						
2-Chloronaphthalene	<0.400	U	0.400	ug/L						
2-Chlorophenol	<0.500	U	0.500	ug/L						
2-Methyl-4,6-dinitrophenol	<1.60	U	1.60	ug/L						
(4,6-Dinitro-2-methylph										
2-Nitrophenol	<0.700	U	0.700	ug/L						
3,4-Methylphenol	<1.40	U	1.40	ug/L						
4-Bromophenyl phenyl ether (BDE-3)	<0.300	U	0.300	ug/L						
4-Chloro-3-methylphenol	<0.700	U	0.700	ug/L						
4-Chlorophenyl phenylether	<0.700	U	0.700	ug/L						
4-Nitrophenol	<7.20	U	7.20	ug/L						
Acenaphthene	<0.300	U	0.300	ug/L						
Acenaphthylene	<0.200	U	0.200	ug/L						
Anthracene	<0.200	U	0.200	ug/L						
Benzo(a)anthracene	<0.300	U	0.300	ug/L						
Benzo(a)pyrene	<0.500	U	0.500	ug/L						
benzo(b&k)fluoranthene	<0.400	U	0.400	ug/L						
Benzo(g,h,i)perylene	<0.400	U	0.400	ug/L						
bis(2-Chloroethoxy)methane	<0.400	U	0.400	ug/L						
bis(2-Chloroethyl) ether	<0.600	U	0.600	ug/L						
Bis(2-ethylhexyl)phthalate	0.504		1.50	ug/L						
Butyl benzyl phthalate	<0.400	U	0.400	ug/L						
Chrysene	<0.200	U	0.200	ug/L						
Dibenzo(a,h)anthracene	<0.500	U	0.500	ug/L						
Dibenzofuran	<0.400	U	0.400	ug/L						
Diethyl phthalate	0.364		0.500	ug/L						
Dimethyl phthalate	0.103		0.300	ug/L						
Di-n-butyl phthalate	0.704		1.60	ug/L						
Di-n-octyl phthalate	<0.500	U	0.500	ug/L						
Fluoranthene	<0.300	U	0.300	ug/L						
Fluorene	<0.200	U	0.200	ug/L						
Hexachlorobenzene	<0.200	U	0.200	ug/L						
Hexachlorobutadiene	<0.300	U	0.300	ug/L						
Hexachlorocyclopentadiene	<0.750	U	0.750	ug/L						
Indeno(1,2,3-cd) pyrene	<0.400	U	0.400	ug/L						
Isophorone	<0.300	U	0.300	ug/L						
Naphthalene	<0.300	U	0.300	ug/L						
Nitrobenzene	<0.400	U	0.400	ug/L						

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Quality Control
(Continued)

Semivolatile Organic Compounds by GCMS (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHE2850 - EPA 625 LLE (Continued)										
Blank (BHE2850-BLK1)			Prepared: 5/16/2024 Analyzed: 5/21/2024							
n-Nitrosodiethylamine	<0.500	U	0.500	ug/L						
n-Nitrosodi-n-propylamine	<1.40	U	1.40	ug/L						
Pentachlorobenzene	<0.200	U	0.200	ug/L						
Phenanthrene	<0.300	U	0.300	ug/L						
Phenol, Total	<1.50	U	1.50	ug/L						
Pyrene	<0.300	U	0.300	ug/L						
Surrogate: 2,4,6-Tribromophenol-surr			3.36	ug/L	4.00		83.9	33.6-139		
Surrogate: 2-Fluorobiphenyl-surr			1.62	ug/L	2.00		80.9	32.2-138		
Surrogate: 2-Fluorophenol-surr			3.06	ug/L	4.00		76.6	32.7-137		
Surrogate: Nitrobenzene-d5-surr			1.28	ug/L	2.00		64.2	31.2-136		
Surrogate: Phenol-d5-surr			3.34	ug/L	4.00		83.4	28.9-155		
Surrogate: p-Terphenyl-d14-surr			1.89	ug/L	2.00		94.7	37.6-117		
Blank (BHE2850-BLK2)			Prepared: 5/16/2024 Analyzed: 5/23/2024							
3,3'-Dichlorobenzidine	<4.00	U	4.00	ug/L						
Benzidine	<16.0	U	16.0	ug/L						
Surrogate: 2-Fluorobiphenyl-surr			2.43	ug/L	2.00		121	32.2-138		
Surrogate: Nitrobenzene-d5-surr			1.72	ug/L	2.00		86.1	31.2-136		
Surrogate: p-Terphenyl-d14-surr		S	3.36	ug/L	2.00		168	37.6-117		
Blank (BHE2850-BLK3)			Prepared: 5/16/2024 Analyzed: 5/25/2024							
Pyridine	<13.3	CQ, U	13.3	ug/L						
Surrogate: 2-Fluorobiphenyl-surr		CQ, S	468	ug/L	2.00		NR	32.2-138		
Surrogate: Nitrobenzene-d5-surr		CQ, S	448	ug/L	2.00		NR	31.2-136		
Surrogate: p-Terphenyl-d14-surr		CQ, S	350	ug/L	2.00		NR	37.6-117		
Blank (BHE2850-BLK4)			Prepared: 5/16/2024 Analyzed: 5/28/2024							
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methy	<0.400	U	0.400	ug/L						
2,4-Dinitrophenol	<8.60	U	8.60	ug/L						
Hexachloroethane	<0.200	U	0.200	ug/L						
Hexachlorophene	<1.10	U	1.10	ug/L						
n-Nitrosodimethylamine	<3.80	U	3.80	ug/L						
n-Nitroso-di-n-butylamine	<5.70	U	5.70	ug/L						
n-Nitrosodiphenylamine	<0.200	U	0.200	ug/L						
Pentachlorophenol	<1.40	U	1.40	ug/L						
Pyridine	<13.3	U	13.3	ug/L						
Surrogate: 2,4,6-Tribromophenol-surr			4.09	ug/L	4.00		102	33.6-139		
Surrogate: 2-Fluorobiphenyl-surr			1.89	ug/L	2.00		94.5	32.2-138		
Surrogate: 2-Fluorophenol-surr			4.22	ug/L	4.00		106	32.7-137		
Surrogate: Nitrobenzene-d5-surr			2.09	ug/L	2.00		104	31.2-136		
Surrogate: Phenol-d5-surr			4.32	ug/L	4.00		108	28.9-155		
Surrogate: p-Terphenyl-d14-surr			1.97	ug/L	2.00		98.4	37.6-117		

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Quality Control
(Continued)

Semivolatile Organic Compounds by GCMS (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
---------	--------	------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------

Batch: BHE2850 - EPA 625 LLE (Continued)

LCS BENZ (BHE2850-BS1)

Prepared: 5/16/2024 Analyzed: 5/23/2024

3,3'-Dichlorobenzidine	38.6		4.00	ug/L	50.0		77.3	0-262		
Benzidine	<16.0	U	16.0	ug/L	50.0			0-131		
Surrogate: 2-Fluorobiphenyl-surr			2.09	ug/L	2.00		104	32.2-138		
Surrogate: Nitrobenzene-d5-surr			2.02	ug/L	2.00		101	31.2-136		
Surrogate: p-Terphenyl-d14-surr			1.45	ug/L	2.00		72.6	37.6-117		

LCS (BHE2850-BS2)

Prepared: 5/16/2024 Analyzed: 5/21/2024

2-Methylphenol	3.78		1.10	ug/L	4.00		94.5	60-140		
1,2,4,5-Tetrachlorobenzene	1.54		0.300	ug/L	2.00		77.2	60-140		
1,2,4-Trichlorobenzene	1.74		0.300	ug/L	2.00		87.1	44-142		
1,2-Diphenylhydrazine	1.92		0.750	ug/L	2.00		96.1	60-140		
2,4,5-Trichlorophenol	4.37		0.700	ug/L	4.00		109	60-140		
2,4,6-Trichlorophenol	4.43		1.20	ug/L	4.00		111	37-144		
2,4-Dichlorophenol	4.21		0.800	ug/L	4.00		105	39-135		
2,4-Dimethylphenol	3.68		0.900	ug/L	4.00		92.0	32-120		
2,4-Dinitrotoluene (2,4-DNT)	2.08		0.200	ug/L	2.00		104	39-139		
2,6-Dinitrotoluene (2,6-DNT)	2.20		1.80	ug/L	2.00		110	50-158		
2-Chloronaphthalene	1.81		0.400	ug/L	2.00		90.4	60-120		
2-Chlorophenol	4.11		0.500	ug/L	4.00		103	23-134		
2-Methyl-4,6-dinitrophenol	3.93		1.60	ug/L	4.00		98.3	0-181		
(4,6-Dinitro-2-methylph										
2-Nitrophenol	4.14		0.700	ug/L	4.00		103	29-182		
3,4-Methylphenol	6.70		1.40	ug/L	8.00		83.8	60-140		
4-Bromophenyl phenyl ether (BDE-3)	2.02		0.300	ug/L	2.00		101	53-127		
4-Chloro-3-methylphenol	4.14		0.700	ug/L	4.00		104	22-147		
4-Chlorophenyl phenylether	1.93		0.700	ug/L	2.00		96.7	25-158		
4-Nitrophenol	9.21		7.20	ug/L	10.0		92.1	0-132		
Acenaphthene	1.84		0.300	ug/L	2.00		91.9	47-145		
Acenaphthylene	1.86		0.200	ug/L	2.00		92.8	33-145		
Anthracene	1.96		0.200	ug/L	2.00		98.2	27-133		
Benzo(a)anthracene	2.85		0.300	ug/L	2.00		142	33-143		
Benzo(a)pyrene	2.11		0.500	ug/L	2.00		106	17-163		
benzo(b&k)fluoranthene	4.41		0.400	ug/L	4.00		110	60-140		
Benzo(g,h,i)perylene	2.34		0.400	ug/L	2.00		117	0-219		
bis(2-Chloroethoxy)methane	1.86		0.400	ug/L	2.00		93.2	33-184		
bis(2-Chloroethyl) ether	2.13		0.600	ug/L	2.00		106	12-158		
Bis(2-ethylhexyl)phthalate	2.47		1.50	ug/L	2.00		124	8-158		
Butyl benzyl phthalate	1.93		0.400	ug/L	2.00		96.4	0-152		
Chrysene	2.17		0.200	ug/L	2.00		108	17-168		
Dibenzo(a,h)anthracene	2.48		0.500	ug/L	2.00		124	0-227		
Dibenzofuran	2.09		0.400	ug/L	2.00		104	60-140		
Diethyl phthalate	2.33		0.500	ug/L	2.00		116	0-120		
Dimethyl phthalate	2.10		0.300	ug/L	2.00		105	0-120		
Di-n-butyl phthalate	2.66	J1	1.60	ug/L	2.00		133	1-120		
Di-n-octyl phthalate	2.08		0.500	ug/L	2.00		104	4-146		
Fluoranthene	1.87		0.300	ug/L	2.00		93.4	26-137		
Fluorene	2.04		0.200	ug/L	2.00		102	59-121		
Hexachlorobenzene	1.86		0.200	ug/L	2.00		92.9	0-152		

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Quality Control
(Continued)

Semivolatile Organic Compounds by GCMS (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit
---------	--------	------	--------------------	-------	----------------	------------------	----------------	-----	--------------

Batch: BHE2850 - EPA 625 LLE (Continued)

LCS (BHE2850-BS2)

Prepared: 5/16/2024 Analyzed: 5/21/2024

Hexachlorobutadiene	1.46		0.300	ug/L	2.00		72.8	24-120	
Hexachlorocyclopentadiene	2.02		0.750	ug/L	2.00		101	60-140	
Indeno(1,2,3-cd) pyrene	2.35		0.400	ug/L	2.00		118	0-171	
Isophorone	1.68		0.300	ug/L	2.00		84.2	21-196	
Naphthalene	1.67		0.300	ug/L	2.00		83.5	21-133	
Nitrobenzene	1.90		0.400	ug/L	2.00		95.0	35-180	
n-Nitrosodiethylamine	1.70		0.500	ug/L	2.00		85.0	60-140	
n-Nitroso-di-n-propylamine	1.81		1.40	ug/L	2.00		90.6	0-230	
Pentachlorobenzene	1.46		0.200	ug/L	2.00		72.8	60-140	
Phenanthrene	1.97		0.300	ug/L	2.00		98.5	54-120	
Phenol, Total	4.63		1.50	ug/L	4.00		116	5-120	
Pyrene	1.90		0.300	ug/L	2.00		95.2	52-120	
Surrogate: 2,4,6-Tribromophenol-surr			4.02	ug/L	4.00		101	33.6-139	
Surrogate: 2-Fluorobiphenyl-surr			1.65	ug/L	2.00		82.3	32.2-138	
Surrogate: 2-Fluorophenol-surr			4.08	ug/L	4.00		102	32.7-137	
Surrogate: Nitrobenzene-d5-surr			1.56	ug/L	2.00		77.9	31.2-136	
Surrogate: Phenol-d5-surr			4.50	ug/L	4.00		112	28.9-155	
Surrogate: p-Terphenyl-d14-surr			2.00	ug/L	2.00		99.8	37.6-117	

LCS (BHE2850-BS3)

Prepared: 5/16/2024 Analyzed: 5/25/2024

Pyridine	5.63		13.3	ug/L	10.0		56.3	0-137	
Surrogate: 2-Fluorobiphenyl-surr			1.42	ug/L	2.00		71.1	32.2-138	
Surrogate: Nitrobenzene-d5-surr			1.98	ug/L	2.00		98.9	31.2-136	
Surrogate: p-Terphenyl-d14-surr			1.80	ug/L	2.00		89.8	37.6-117	

LCS (BHE2850-BS4)

Prepared: 5/16/2024 Analyzed: 5/28/2024

2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methy	2.78		0.400	ug/L	2.00		139	60-140	
2,4-Dinitrophenol	15.6		8.60	ug/L	10.0		156	0-191	
Hexachloroethane	2.22		0.200	ug/L	2.00		111	40-120	
Hexachlorophene	3.97		1.10	ug/L	4.00		99.1	60-140	
n-Nitrosodimethylamine	3.43		3.80	ug/L	10.0		34.3	4.18-37.2	
n-Nitroso-di-n-butylamine	2.38		5.70	ug/L	2.00		119	60-140	
n-Nitrosodiphenylamine	2.10		0.200	ug/L	2.00		105	60-140	
Pentachlorophenol	5.85		1.40	ug/L	4.00		146	14-176	
Pyridine	<13.3	U	13.3	ug/L	10.0			0-137	
Surrogate: 2,4,6-Tribromophenol-surr			4.81	ug/L	4.00		120	33.6-139	
Surrogate: 2-Fluorobiphenyl-surr			2.12	ug/L	2.00		106	32.2-138	
Surrogate: 2-Fluorophenol-surr	S		5.73	ug/L	4.00		143	32.7-137	
Surrogate: Nitrobenzene-d5-surr	S		3.00	ug/L	2.00		150	31.2-136	
Surrogate: Phenol-d5-surr			5.75	ug/L	4.00		144	28.9-155	
Surrogate: p-Terphenyl-d14-surr	S		2.50	ug/L	2.00		125	37.6-117	

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Quality Control
(Continued)

Semivolatile Organic Compounds by GCMS (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
---------	--------	------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------

Batch: BHE2850 - EPA 625 LLE (Continued)

LCSD BENZ (BHE2850-BSD1)

Prepared: 5/16/2024 Analyzed: 5/23/2024

3,3'-Dichlorobenzidine	40.9		4.00	ug/L	50.0		81.8	0-262	5.73	108
Benzidine	<16.0	U	16.0	ug/L	50.0			0-131	200	40
Surrogate: 2-Fluorobiphenyl-surr			1.61	ug/L	2.00		80.3	32.2-138		
Surrogate: Nitrobenzene-d5-surr			2.06	ug/L	2.00		103	31.2-136		
Surrogate: p-Terphenyl-d14-surr			1.42	ug/L	2.00		71.0	37.6-117		

LCS Dup (BHE2850-BSD2)

Prepared: 5/16/2024 Analyzed: 5/21/2024

2-Methylphenol	3.63		1.10	ug/L	4.00		90.8	60-140	4.00	40
1,2,4,5-Tetrachlorobenzene	1.53		0.300	ug/L	2.00		76.4	60-140	1.09	40
1,2,4-Trichlorobenzene	1.68		0.300	ug/L	2.00		83.9	44-142	3.77	50
1,2-Diphenylhydrazine	1.75		0.750	ug/L	2.00		87.6	60-140	9.27	40
2,4,5-Trichlorophenol	4.00		0.700	ug/L	4.00		100	60-140	8.85	40
2,4,6-Trichlorophenol	3.99		1.20	ug/L	4.00		99.8	37-144	10.5	58
2,4-Dichlorophenol	4.07		0.800	ug/L	4.00		102	39-135	3.46	50
2,4-Dimethylphenol	3.51		0.900	ug/L	4.00		87.9	32-120	4.57	58
2,4-Dinitrotoluene (2,4-DNT)	2.08		0.200	ug/L	2.00		104	39-139	0.113	42
2,6-Dinitrotoluene (2,6-DNT)	2.11		1.80	ug/L	2.00		106	50-158	4.17	48
2-Chloronaphthalene	1.75		0.400	ug/L	2.00		87.7	60-120	3.07	24
2-Chlorophenol	4.17		0.500	ug/L	4.00		104	23-134	1.47	61
2-Methyl-4,6-dinitrophenol	3.56		1.60	ug/L	4.00		88.9	0-181	9.97	203
(4,6-Dinitro-2-methylph										
2-Nitrophenol	4.09		0.700	ug/L	4.00		102	29-182	1.10	55
3,4-Methylphenol	6.58		1.40	ug/L	8.00		82.2	60-140	1.93	40
4-Bromophenyl phenyl ether (BDE-3)	1.91		0.300	ug/L	2.00		95.4	53-127	5.69	43
4-Chloro-3-methylphenol	3.79		0.700	ug/L	4.00		94.9	22-147	8.77	73
4-Chlorophenyl phenylether	1.83		0.700	ug/L	2.00		91.5	25-158	5.52	61
4-Nitrophenol	9.02		7.20	ug/L	10.0		90.2	0-132	2.14	131
Acenaphthene	1.80		0.300	ug/L	2.00		89.8	47-145	2.30	48
Acenaphthylene	1.87		0.200	ug/L	2.00		93.4	33-145	0.646	74
Anthracene	2.02		0.200	ug/L	2.00		101	27-133	2.70	66
Benzo(a)anthracene	2.75		0.300	ug/L	2.00		138	33-143	3.37	53
Benzo(a)pyrene	2.06		0.500	ug/L	2.00		103	17-163	2.66	72
benzo(b&k)fluoranthene	4.59		0.400	ug/L	4.00		115	60-140	3.92	40
Benzo(g,h,i)perylene	2.06		0.400	ug/L	2.00		103	0-219	12.8	97
bis(2-Chloroethoxy)methane	1.89		0.400	ug/L	2.00		94.4	33-184	1.30	54
bis(2-Chloroethyl) ether	2.13		0.600	ug/L	2.00		106	12-158	0.0374	108
Bis(2-ethylhexyl)phthalate	2.99		1.50	ug/L	2.00		149	8-158	19.0	82
Butyl benzyl phthalate	1.84		0.400	ug/L	2.00		92.0	0-152	4.65	60
Chrysene	2.20		0.200	ug/L	2.00		110	17-168	1.32	87
Dibenzo(a,h)anthracene	2.21		0.500	ug/L	2.00		111	0-227	11.1	126
Dibenzofuran	2.00		0.400	ug/L	2.00		99.8	60-140	4.43	40
Diethyl phthalate	2.18		0.500	ug/L	2.00		109	0-120	6.68	100
Dimethyl phthalate	2.02		0.300	ug/L	2.00		101	0-120	3.78	183
Di-n-butyl phthalate	2.32		1.60	ug/L	2.00		116	1-120	13.8	47
Di-n-octyl phthalate	2.00		0.500	ug/L	2.00		99.8	4-146	4.16	69
Fluoranthene	1.91		0.300	ug/L	2.00		95.3	26-137	2.04	66
Fluorene	1.97		0.200	ug/L	2.00		98.3	59-121	3.87	38
Hexachlorobenzene	1.74		0.200	ug/L	2.00		87.0	0-152	6.59	55

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Quality Control
(Continued)

Semivolatile Organic Compounds by GCMS (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
---------	--------	------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------

Batch: BHE2850 - EPA 625 LLE (Continued)

LCS Dup (BHE2850-BSD2)

Prepared: 5/16/2024 Analyzed: 5/21/2024

Hexachlorobutadiene	1.32		0.300	ug/L	2.00		66.1	24-120	9.60	62
Hexachlorocyclopentadiene	2.06		0.750	ug/L	2.00		103	60-140	1.84	40
Indeno(1,2,3-cd) pyrene	2.05		0.400	ug/L	2.00		103	0-171	13.7	99
Isophorone	1.68		0.300	ug/L	2.00		84.1	21-196	0.118	93
Naphthalene	1.64		0.300	ug/L	2.00		81.9	21-133	2.02	65
Nitrobenzene	1.88		0.400	ug/L	2.00		93.9	35-180	1.11	62
n-Nitrosodiethylamine	1.92		0.500	ug/L	2.00		95.8	60-140	12.0	40
n-Nitrosodi-n-propylamine	1.99		1.40	ug/L	2.00		99.4	0-230	9.30	87
Pentachlorobenzene	1.45		0.200	ug/L	2.00		72.7	60-140	0.140	40
Phenanthrene	2.02		0.300	ug/L	2.00		101	54-120	2.32	39
Phenol, Total	4.68		1.50	ug/L	4.00		117	5-120	1.12	64
Pyrene	1.85		0.300	ug/L	2.00		92.3	52-120	3.14	49
Surrogate: 2,4,6-Tribromophenol-surr			3.99	ug/L	4.00		99.8	33.6-139		
Surrogate: 2-Fluorobiphenyl-surr			1.66	ug/L	2.00		83.2	32.2-138		
Surrogate: 2-Fluorophenol-surr			4.79	ug/L	4.00		120	32.7-137		
Surrogate: Nitrobenzene-d5-surr			1.64	ug/L	2.00		82.0	31.2-136		
Surrogate: Phenol-d5-surr			4.41	ug/L	4.00		110	28.9-155		
Surrogate: p-Terphenyl-d14-surr			1.89	ug/L	2.00		94.3	37.6-117		

LCS Dup (BHE2850-BSD3)

Prepared: 5/16/2024 Analyzed: 5/25/2024

Pyridine	<13.3	U	13.3	ug/L	10.0			0-137	200	40
Surrogate: 2-Fluorobiphenyl-surr			1.60	ug/L	2.00		79.9	32.2-138		
Surrogate: Nitrobenzene-d5-surr			1.90	ug/L	2.00		94.8	31.2-136		
Surrogate: p-Terphenyl-d14-surr			1.70	ug/L	2.00		84.8	37.6-117		

LCS Dup (BHE2850-BSD4)

Prepared: 5/16/2024 Analyzed: 5/28/2024

2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methy	2.50		0.400	ug/L	2.00		125	60-140	10.5	40
2,4-Dinitrophenol	14.1		8.60	ug/L	10.0		141	0-191	10.1	132
Hexachloroethane	1.99		0.200	ug/L	2.00		99.5	40-120	11.1	52
Hexachlorophene	3.56		1.10	ug/L	4.00		89.0	60-140	10.8	40
n-Nitrosodimethylamine	2.82		3.80	ug/L	10.0		28.2	4.18-37.2	19.6	40
n-Nitroso-di-n-butylamine	2.07		5.70	ug/L	2.00		104	60-140	14.1	40
n-Nitrosodiphenylamine	1.98		0.200	ug/L	2.00		99.0	60-140	6.03	40
Pentachlorophenol	6.13		1.40	ug/L	4.00		153	14-176	4.72	86
Pyridine	<13.3	U	13.3	ug/L	10.0			0-137	200	40
Surrogate: 2,4,6-Tribromophenol-surr			4.88	ug/L	4.00		122	33.6-139		
Surrogate: 2-Fluorobiphenyl-surr			1.97	ug/L	2.00		98.7	32.2-138		
Surrogate: 2-Fluorophenol-surr			4.94	ug/L	4.00		123	32.7-137		
Surrogate: Nitrobenzene-d5-surr			2.38	ug/L	2.00		119	31.2-136		
Surrogate: Phenol-d5-surr			5.12	ug/L	4.00		128	28.9-155		
Surrogate: p-Terphenyl-d14-surr		S	2.37	ug/L	2.00		119	37.6-117		



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Quality Control
(Continued)

Semivolatile Organic Compounds by GCMS (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit
---------	--------	------	--------------------	-------	----------------	------------------	----------------	-----	--------------

Batch: BHE2850 - EPA 625 LLE (Continued)

Matrix Spike (BHE2850-MS1)

Source: 24E3448-02

Prepared: 5/16/2024 Analyzed: 5/21/2024

2-Methylphenol	2.76		1.10	ug/L	4.00	<1.10	69.0	60-140
1,2,4,5-Tetrachlorobenzene	1.51		0.300	ug/L	2.00	<0.300	75.7	60-140
1,2,4-Trichlorobenzene	1.64		0.300	ug/L	2.00	0.0945	77.5	44-142
1,2-Diphenylhydrazine	1.84		0.750	ug/L	2.00	<0.750	92.1	60-140
2,4,5-Trichlorophenol	3.90		0.700	ug/L	4.00	<0.700	97.4	60-140
2,4,6-Trichlorophenol	4.16		1.20	ug/L	4.00	<1.20	104	37-144
2,4-Dichlorophenol	3.82		0.800	ug/L	4.00	<0.800	95.5	39-135
2,4-Dimethylphenol	1.63		0.900	ug/L	4.00	<0.900	40.7	32-120
2,4-Dinitrotoluene (2,4-DNT)	2.10		0.200	ug/L	2.00	<0.200	105	39-139
2,6-Dinitrotoluene (2,6-DNT)	2.28		1.80	ug/L	2.00	<1.80	114	50-158
2-Chloronaphthalene	1.69		0.400	ug/L	2.00	<0.400	84.6	60-120
2-Chlorophenol	3.78		0.500	ug/L	4.00	<0.500	94.6	23-134
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylph	2.57		1.60	ug/L	4.00	<1.60	64.3	0-181
2-Nitrophenol	4.69		0.700	ug/L	4.00	<0.700	117	29-182
3,4-Methylphenol	4.75	J1	1.40	ug/L	8.00	<1.40	59.3	60-140
4-Bromophenyl phenyl ether (BDE-3)	1.82		0.300	ug/L	2.00	<0.300	91.0	53-127
4-Chloro-3-methylphenol	3.40		0.700	ug/L	4.00	<0.700	85.1	22-147
4-Chlorophenyl phenylether	1.66		0.700	ug/L	2.00	<0.700	83.0	25-158
4-Nitrophenol	9.69		7.20	ug/L	10.0	<7.20	96.9	0-132
Acenaphthene	1.68		0.300	ug/L	2.00	<0.300	84.0	47-145
Acenaphthylene	1.19		0.200	ug/L	2.00	<0.200	59.4	33-145
Anthracene	1.67		0.200	ug/L	2.00	<0.200	83.7	27-133
Benzo(a)anthracene	2.77		0.300	ug/L	2.00	<0.300	138	33-143
Benzo(a)pyrene	1.66		0.500	ug/L	2.00	<0.500	82.8	17-163
benzo(b&k)fluoranthene	4.32		0.400	ug/L	4.00	<0.400	108	60-140
Benzo(g,h,i)perylene	1.88		0.400	ug/L	2.00	<0.400	93.8	0-219
bis(2-Chloroethoxy)methane	1.84		0.400	ug/L	2.00	<0.400	91.9	33-184
bis(2-Chloroethyl) ether	1.61		0.600	ug/L	2.00	<0.600	80.3	12-158
Bis(2-ethylhexyl) phthalate	1.85		1.50	ug/L	2.00	<1.50	92.4	8-158
Butyl benzyl phthalate	1.98		0.400	ug/L	2.00	<0.400	99.2	0-152
Chrysene	2.02		0.200	ug/L	2.00	<0.200	101	17-168
Dibenzo(a,h)anthracene	2.05		0.500	ug/L	2.00	<0.500	102	0-227
Dibenzofuran	1.83		0.400	ug/L	2.00	<0.400	91.6	60-140
Diethyl phthalate	2.05		0.500	ug/L	2.00	0.340	85.5	0-120
Dimethyl phthalate	1.93		0.300	ug/L	2.00	0.132	90.1	0-120
Di-n-butyl phthalate	1.63		1.60	ug/L	2.00	<1.60	81.3	1-120
Di-n-octyl phthalate	1.63		0.500	ug/L	2.00	<0.500	81.5	4-146
Fluoranthene	2.05		0.300	ug/L	2.00	<0.300	103	26-137
Fluorene	1.82		0.200	ug/L	2.00	<0.200	91.1	59-121
Hexachlorobenzene	1.63		0.200	ug/L	2.00	<0.200	81.4	0-152
Hexachlorobutadiene	1.26		0.300	ug/L	2.00	<0.300	63.2	24-120
Hexachlorocyclopentadiene	2.42		0.750	ug/L	2.00	<0.750	121	60-140
Indeno(1,2,3-cd) pyrene	1.92		0.400	ug/L	2.00	<0.400	96.2	0-171
Isophorone	1.77		0.300	ug/L	2.00	<0.300	88.4	21-196
Naphthalene	1.66		0.300	ug/L	2.00	<0.300	83.2	21-133
Nitrobenzene	3.29		0.400	ug/L	2.00	<0.400	165	35-180
n-Nitrosodiethylamine	1.56		0.500	ug/L	2.00	<0.500	77.8	60-140

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Quality Control
(Continued)

Semivolatile Organic Compounds by GCMS (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit
---------	--------	------	--------------------	-------	----------------	------------------	----------------	-----	--------------

Batch: BHE2850 - EPA 625 LLE (Continued)

Matrix Spike (BHE2850-MS1)

Source: 24E3448-02

Prepared: 5/16/2024 Analyzed: 5/21/2024

n-Nitrosodi-n-propylamine	2.01	1.40	ug/L	2.00	<1.40	101	0-230
Pentachlorobenzene	1.39	0.200	ug/L	2.00	<0.200	69.7	60-140
Phenanthrene	1.91	0.300	ug/L	2.00	<0.300	95.5	54-120
Phenol, Total	3.68	1.50	ug/L	4.00	0.485	79.8	5-120
Pyrene	2.08	0.300	ug/L	2.00	<0.300	104	52-120
Surrogate: 2,4,6-Tribromophenol-surr		3.61	ug/L	4.00		90.2	33.6-139
Surrogate: 2-Fluorobiphenyl-surr		1.59	ug/L	2.00		79.6	32.2-138
Surrogate: 2-Fluorophenol-surr		3.68	ug/L	4.00		92.0	32.7-137
Surrogate: Nitrobenzene-d5-surr		1.61	ug/L	2.00		80.5	31.2-136
Surrogate: Phenol-d5-surr		3.11	ug/L	4.00		77.8	28.9-155
Surrogate: p-Terphenyl-d14-surr		1.90	ug/L	2.00		95.2	37.6-117

Matrix Spike (BHE2850-MS2)

Source: 24E3448-02RE1

Prepared: 5/16/2024 Analyzed: 5/25/2024

Pyridine	<13.3	J1, U	13.3	ug/L	10.0	<13.3	60-140
Surrogate: 2-Fluorobiphenyl-surr			1.62	ug/L	2.00	81.0	32.2-138
Surrogate: Nitrobenzene-d5-surr			1.94	ug/L	2.00	97.2	31.2-136
Surrogate: p-Terphenyl-d14-surr			1.70	ug/L	2.00	85.2	37.6-117

Matrix Spike (BHE2850-MS3)

Source: 24E3448-02RE2

Prepared: 5/16/2024 Analyzed: 5/29/2024

2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methy	2.83	J1	0.400	ug/L	2.00	<0.400	142	60-140
2,4-Dinitrophenol	10.6		8.60	ug/L	10.0	<8.60	106	0-191
Hexachloroethane	1.81		0.200	ug/L	2.00	<0.200	90.4	40-120
Hexachlorophene	4.31		1.10	ug/L	4.00	<1.10	108	60-140
n-Nitrosodimethylamine	3.83		3.80	ug/L	10.0	<3.80	38.3	4.18-91
n-Nitroso-di-n-butylamine	2.71		5.70	ug/L	2.00	<5.70	135	60-140
n-Nitrosodiphenylamine	0.893	J1	0.200	ug/L	2.00	<0.200	44.6	60-140
Pentachlorophenol	6.21		1.40	ug/L	4.00	<1.40	155	14-176
Pyridine	<13.3	J1, U	13.3	ug/L	10.0	<13.3		60-140
Surrogate: 2,4,6-Tribromophenol-surr			5.10	ug/L	4.00		127	33.6-139
Surrogate: 2-Fluorobiphenyl-surr			2.07	ug/L	2.00		103	32.2-138
Surrogate: 2-Fluorophenol-surr		S	6.04	ug/L	4.00		151	32.7-137
Surrogate: Nitrobenzene-d5-surr			2.63	ug/L	2.00		132	31.2-136
Surrogate: Phenol-d5-surr			4.51	ug/L	4.00		113	28.9-155
Surrogate: p-Terphenyl-d14-surr		S	2.43	ug/L	2.00		121	37.6-117



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Quality Control
(Continued)

Semivolatile Organic Compounds by GCMS (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
---------	--------	------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------

Batch: BHE2850 - EPA 625 LLE (Continued)

Matrix Spike Dup (BHE2850-MSD1)

Source: 24E3448-02

Prepared: 5/16/2024 Analyzed: 5/21/2024

2-Methylphenol	2.96		1.10	ug/L	4.00	<1.10	74.0	60-140	6.97	40
1,2,4,5-Tetrachlorobenzene	1.54		0.300	ug/L	2.00	<0.300	77.1	60-140	1.89	40
1,2,4-Trichlorobenzene	1.61		0.300	ug/L	2.00	0.0945	75.8	44-142	2.13	50
1,2-Diphenylhydrazine	1.85		0.750	ug/L	2.00	<0.750	92.7	60-140	0.577	40
2,4,5-Trichlorophenol	4.14		0.700	ug/L	4.00	<0.700	103	60-140	6.06	40
2,4,6-Trichlorophenol	4.15		1.20	ug/L	4.00	<1.20	104	37-144	0.191	58
2,4-Dichlorophenol	3.93		0.800	ug/L	4.00	<0.800	98.1	39-135	2.74	50
2,4-Dimethylphenol	2.19		0.900	ug/L	4.00	<0.900	54.8	32-120	29.7	58
2,4-Dinitrotoluene (2,4-DNT)	2.10		0.200	ug/L	2.00	<0.200	105	39-139	0.237	42
2,6-Dinitrotoluene (2,6-DNT)	2.36		1.80	ug/L	2.00	<1.80	118	50-158	3.47	48
2-Chloronaphthalene	1.79		0.400	ug/L	2.00	<0.400	89.3	60-120	5.44	24
2-Chlorophenol	3.97		0.500	ug/L	4.00	<0.500	99.2	23-134	4.79	61
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylph	3.19		1.60	ug/L	4.00	<1.60	79.6	0-181	21.3	203
2-Nitrophenol	4.83		0.700	ug/L	4.00	<0.700	121	29-182	2.88	55
3,4-Methylphenol	5.14		1.40	ug/L	8.00	<1.40	64.3	60-140	7.99	40
4-Bromophenyl phenyl ether (BDE-3)	2.18		0.300	ug/L	2.00	<0.300	109	53-127	18.1	43
4-Chloro-3-methylphenol	3.64		0.700	ug/L	4.00	<0.700	91.0	22-147	6.71	73
4-Chlorophenyl phenylether	1.78		0.700	ug/L	2.00	<0.700	89.1	25-158	7.00	61
4-Nitrophenol	9.84		7.20	ug/L	10.0	<7.20	98.4	0-132	1.48	131
Acenaphthene	1.76		0.300	ug/L	2.00	<0.300	88.0	47-145	4.71	48
Acenaphthylene	1.41		0.200	ug/L	2.00	<0.200	70.5	33-145	17.1	74
Anthracene	1.77		0.200	ug/L	2.00	<0.200	88.5	27-133	5.58	66
Benzo(a)anthracene	2.85		0.300	ug/L	2.00	<0.300	143	33-143	3.05	53
Benzo(a)pyrene	1.77		0.500	ug/L	2.00	<0.500	88.7	17-163	6.85	72
benzo(b&k)fluoranthene	4.45		0.400	ug/L	4.00	<0.400	111	60-140	3.05	40
Benzo(g,h,i)perylene	1.91		0.400	ug/L	2.00	<0.400	95.5	0-219	1.76	97
bis(2-Chloroethoxy)methane	1.97		0.400	ug/L	2.00	<0.400	98.5	33-184	6.90	54
bis(2-Chloroethyl) ether	1.59		0.600	ug/L	2.00	<0.600	79.6	12-158	0.832	108
Bis(2-ethylhexyl) phthalate	3.13		1.50	ug/L	2.00	<1.50	157	8-158	51.6	82
Butyl benzyl phthalate	2.20		0.400	ug/L	2.00	<0.400	110	0-152	10.2	60
Chrysene	2.22		0.200	ug/L	2.00	<0.200	111	17-168	9.51	87
Dibenzo(a,h)anthracene	2.06		0.500	ug/L	2.00	<0.500	103	0-227	0.560	126
Dibenzofuran	2.01		0.400	ug/L	2.00	<0.400	100	60-140	9.22	40
Diethyl phthalate	2.05		0.500	ug/L	2.00	0.340	85.3	0-120	0.170	100
Dimethyl phthalate	2.02		0.300	ug/L	2.00	0.132	94.6	0-120	4.50	183
Di-n-butyl phthalate	2.13		1.60	ug/L	2.00	<1.60	107	1-120	27.0	47
Di-n-octyl phthalate	2.11		0.500	ug/L	2.00	<0.500	105	4-146	25.5	69
Fluoranthene	1.93		0.300	ug/L	2.00	<0.300	96.3	26-137	6.33	66
Fluorene	1.94		0.200	ug/L	2.00	<0.200	97.2	59-121	6.47	38
Hexachlorobenzene	1.89		0.200	ug/L	2.00	<0.200	94.6	0-152	14.9	55
Hexachlorobutadiene	1.38		0.300	ug/L	2.00	<0.300	68.8	24-120	8.62	62
Hexachlorocyclopentadiene	2.52		0.750	ug/L	2.00	<0.750	126	60-140	3.88	40
Indeno(1,2,3-cd) pyrene	1.92		0.400	ug/L	2.00	<0.400	95.9	0-171	0.280	99
Isophorone	1.80		0.300	ug/L	2.00	<0.300	90.2	21-196	1.97	93
Naphthalene	1.70		0.300	ug/L	2.00	<0.300	85.2	21-133	2.36	65
Nitrobenzene	3.22		0.400	ug/L	2.00	<0.400	161	35-180	2.40	62
n-Nitrosodiethylamine	1.70		0.500	ug/L	2.00	<0.500	84.8	60-140	8.59	40

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Quality Control
(Continued)

Semivolatile Organic Compounds by GCMS (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit
Batch: BHE2850 - EPA 625 LLE (Continued)									
Matrix Spike Dup (BHE2850-MSD1)		Source: 24E3448-02		Prepared: 5/16/2024 Analyzed: 5/21/2024					
n-Nitrosodi-n-propylamine	2.08		1.40	ug/L	2.00	<1.40	104	0-230	87
Pentachlorobenzene	1.43		0.200	ug/L	2.00	<0.200	71.6	60-140	40
Phenanthrene	1.96		0.300	ug/L	2.00	<0.300	98.1	54-120	39
Phenol, Total	3.88		1.50	ug/L	4.00	0.485	85.0	5-120	64
Pyrene	1.92		0.300	ug/L	2.00	<0.300	96.0	52-120	49
Surrogate: 2,4,6-Tribromophenol-surr			3.77	ug/L	4.00		94.2	33.6-139	
Surrogate: 2-Fluorobiphenyl-surr			1.59	ug/L	2.00		79.7	32.2-138	
Surrogate: 2-Fluorophenol-surr			3.65	ug/L	4.00		91.3	32.7-137	
Surrogate: Nitrobenzene-d5-surr			1.57	ug/L	2.00		78.7	31.2-136	
Surrogate: Phenol-d5-surr			3.32	ug/L	4.00		83.0	28.9-155	
Surrogate: p-Terphenyl-d14-surr			2.16	ug/L	2.00		108	37.6-117	
Matrix Spike Dup (BHE2850-MSD2)		Source: 24E3448-02RE1		Prepared: 5/16/2024 Analyzed: 5/25/2024					
Pyridine	6.31		13.3	ug/L	10.0	<13.3	63.1	60-140	40
Surrogate: 2-Fluorobiphenyl-surr			1.73	ug/L	2.00		86.3	32.2-138	
Surrogate: Nitrobenzene-d5-surr			1.79	ug/L	2.00		89.7	31.2-136	
Surrogate: p-Terphenyl-d14-surr			1.70	ug/L	2.00		85.1	37.6-117	
Matrix Spike Dup (BHE2850-MSD3)		Source: 24E3448-02RE2		Prepared: 5/16/2024 Analyzed: 5/29/2024					
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methy	3.06	J1	0.400	ug/L	2.00	<0.400	153	60-140	40
2,4-Dinitrophenol	13.2		8.60	ug/L	10.0	<8.60	132	0-191	132
Hexachloroethane	1.84		0.200	ug/L	2.00	<0.200	91.9	40-120	52
Hexachlorophene	4.97		1.10	ug/L	4.00	<1.10	124	60-140	40
n-Nitrosodimethylamine	3.41		3.80	ug/L	10.0	<3.80	34.1	4.18-91	40
n-Nitroso-di-n-butylamine	2.75		5.70	ug/L	2.00	<5.70	138	60-140	40
n-Nitrosodiphenylamine	0.959	J1	0.200	ug/L	2.00	<0.200	47.9	60-140	40
Pentachlorophenol	6.27		1.40	ug/L	4.00	<1.40	157	14-176	86
Pyridine	<13.3	J1, U	13.3	ug/L	10.0	<13.3		60-140	40
Surrogate: 2,4,6-Tribromophenol-surr			5.18	ug/L	4.00		130	33.6-139	
Surrogate: 2-Fluorobiphenyl-surr			2.08	ug/L	2.00		104	32.2-138	
Surrogate: 2-Fluorophenol-surr			5.32	ug/L	4.00		133	32.7-137	
Surrogate: Nitrobenzene-d5-surr			2.72	ug/L	2.00		136	31.2-136	
Surrogate: Phenol-d5-surr			4.83	ug/L	4.00		121	28.9-155	
Surrogate: p-Terphenyl-d14-surr		S	2.50	ug/L	2.00		125	37.6-117	



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Quality Control
(Continued)

Semivolatile Organic Compounds by GCMS (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHE3062 - SW-3511										
Blank (BHE3062-BLK1)					Prepared: 5/17/2024 Analyzed: 5/18/2024					
Nonylphenol	<333	U	333	ug/L						
Surrogate: n-NP-surr			6.73	ug/L	7.91		85.1	60-140		
LCS (BHE3062-BS1)										
					Prepared: 5/17/2024 Analyzed: 5/18/2024					
Nonylphenol	35.2		333	ug/L	39.9		88.3	56-112		
Surrogate: n-NP-surr			5.12	ug/L	7.97		64.2	60-140		
LCS Dup (BHE3062-BSD1)										
					Prepared: 5/17/2024 Analyzed: 5/18/2024					
Nonylphenol	37.3		333	ug/L	39.8		93.7	56-112	5.75	22
Surrogate: n-NP-surr			7.32	ug/L	7.95		92.1	60-140		
Matrix Spike (BHE3062-MS1)										
			Source: 24D3991-01		Prepared: 5/17/2024 Analyzed: 5/18/2024					
Nonylphenol	32.0		333	ug/L	39.8	<333	80.4	56-112		
Surrogate: n-NP-surr			5.82	ug/L	7.96		73.1	60-140		
Matrix Spike Dup (BHE3062-MSD1)										
			Source: 24D3991-01		Prepared: 5/17/2024 Analyzed: 5/18/2024					
Nonylphenol	31.5		333	ug/L	39.4	<333	80.0	56-112	1.44	22
Surrogate: n-NP-surr			5.84	ug/L	7.88		74.1	60-140		

Batch: BHE3538 - EPA 625 LLE

Blank (BHE3538-BLK1)					Prepared: 5/21/2024 Analyzed: 5/23/2024					
2-Methylphenol	<1.10	U	1.10	ug/L						
1,2,4-Trichlorobenzene	<0.300	U	0.300	ug/L						
1,2-Diphenylhydrazine	<0.750	U	0.750	ug/L						
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methy	<0.400	U	0.400	ug/L						
2,4,5-Trichlorophenol	<0.700	U	0.700	ug/L						
2,4,6-Trichlorophenol	<1.20	U	1.20	ug/L						
2,4-Dichlorophenol	<0.800	U	0.800	ug/L						
2,4-Dimethylphenol	<0.900	U	0.900	ug/L						
2,4-Dinitrophenol	<8.60	U	8.60	ug/L						
2,4-Dinitrotoluene (2,4-DNT)	<0.200	U	0.200	ug/L						
2,6-Dinitrotoluene (2,6-DNT)	<1.80	U	1.80	ug/L						
2-Chlorophenol	<0.500	U	0.500	ug/L						
2-Methyl-4,6-dinitrophenol	<1.60	U	1.60	ug/L						
(4,6-Dinitro-2-methylph										
2-Nitrophenol	<0.700	U	0.700	ug/L						
3,4-Methylphenol	<1.40	U	1.40	ug/L						
4-Bromophenyl phenyl ether (BDE-3)	<0.300	U	0.300	ug/L						
4-Chloro-3-methylphenol	<0.700	U	0.700	ug/L						
4-Chlorophenyl phenylether	<0.700	U	0.700	ug/L						
4-Nitrophenol	<7.20	U	7.20	ug/L						
Acenaphthene	<0.300	U	0.300	ug/L						
Acenaphthylene	<0.200	U	0.200	ug/L						
Anthracene	<0.200	U	0.200	ug/L						
Benzo(a)anthracene	<0.300	U	0.300	ug/L						

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Quality Control
(Continued)

Semivolatile Organic Compounds by GCMS (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
---------	--------	------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------

Batch: BHE3538 - EPA 625 LLE (Continued)

Blank (BHE3538-BLK1)

Prepared: 5/21/2024 Analyzed: 5/23/2024

Benzo(a)pyrene	<0.500	U	0.500	ug/L						
benzo(b&k)fluoranthene	<0.400	U	0.400	ug/L						
Benzo(g,h,i)perylene	<0.400	U	0.400	ug/L						
bis(2-Chloroethoxy)methane	<0.400	U	0.400	ug/L						
bis(2-Chloroethyl) ether	<0.600	U	0.600	ug/L						
Bis(2-ethylhexyl)phthalate	0.615		1.50	ug/L						
Butyl benzyl phthalate	<0.400	U	0.400	ug/L						
Chrysene	<0.200	U	0.200	ug/L						
Dibenzo(a,h)anthracene	<0.500	U	0.500	ug/L						
Dibenzofuran	<0.400	U	0.400	ug/L						
Diethyl phthalate	0.262		0.500	ug/L						
Dimethyl phthalate	<0.300	U	0.300	ug/L						
Di-n-butyl phthalate	<1.60	U	1.60	ug/L						
Di-n-octyl phthalate	<0.500	U	0.500	ug/L						
Fluoranthene	<0.300	U	0.300	ug/L						
Fluorene	<0.200	U	0.200	ug/L						
Hexachlorobenzene	<0.200	U	0.200	ug/L						
Indeno(1,2,3-cd) pyrene	<0.400	U	0.400	ug/L						
Isophorone	<0.300	U	0.300	ug/L						
Naphthalene	<0.300	U	0.300	ug/L						
Nitrobenzene	<0.400	U	0.400	ug/L						
n-Nitrosodimethylamine	<3.80	U	3.80	ug/L						
n-Nitrosodi-n-propylamine	<1.40	U	1.40	ug/L						
Pentachlorophenol	<1.40	U	1.40	ug/L						
Phenanthrene	<0.300	U	0.300	ug/L						
Phenol, Total	<1.50	U	1.50	ug/L						
Pyrene	<0.300	U	0.300	ug/L						
Surrogate: 2,4,6-Tribromophenol-surr			2.59	ug/L	4.00		64.7	33.6-139		
Surrogate: 2-Fluorobiphenyl-surr			1.17	ug/L	2.00		58.7	32.2-138		
Surrogate: 2-Fluorophenol-surr			2.45	ug/L	4.00		61.2	32.7-137		
Surrogate: Nitrobenzene-d5-surr			1.22	ug/L	2.00		61.1	31.2-136		
Surrogate: Phenol-d5-surr			2.36	ug/L	4.00		59.1	28.9-155		
Surrogate: p-Terphenyl-d14-surr			1.33	ug/L	2.00		66.5	37.6-117		



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Quality Control
(Continued)

Semivolatile Organic Compounds by GCMS (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHE3538 - EPA 625 LLE (Continued)										
Blank (BHE3538-BLK2)					Prepared: 5/21/2024 Analyzed: 5/22/2024					
3,3'-Dichlorobenzidine	<4.00	U	4.00	ug/L						
Benzidine	<16.0	U	16.0	ug/L						
Surrogate: 2-Fluorobiphenyl-surr			1.38	ug/L	2.00		68.8	32.2-138		
Surrogate: Nitrobenzene-d5-surr			1.47	ug/L	2.00		73.6	31.2-136		
Surrogate: p-Terphenyl-d14-surr			1.32	ug/L	2.00		66.2	37.6-117		
Blank (BHE3538-BLK3)					Prepared: 5/21/2024 Analyzed: 5/24/2024					
1,2,4,5-Tetrachlorobenzene	<0.300	U	0.300	ug/L						
2-Chloronaphthalene	<0.400	U	0.400	ug/L						
Hexachlorobutadiene	<0.300	U	0.300	ug/L						
Hexachlorocyclopentadiene	<0.750	U	0.750	ug/L						
Hexachloroethane	<0.200	U	0.200	ug/L						
Hexachlorophene	0.524		1.10	ug/L						
n-Nitrosodiethylamine	<0.500	U	0.500	ug/L						
n-Nitroso-di-n-butylamine	<5.70	U	5.70	ug/L						
n-Nitrosodiphenylamine	<0.200	U	0.200	ug/L						
Pentachlorobenzene	<0.200	U	0.200	ug/L						
Pyridine	<13.3	U	13.3	ug/L						
Surrogate: 2,4,6-Tribromophenol-surr			3.42	ug/L	4.00		85.6	33.6-139		
Surrogate: 2-Fluorobiphenyl-surr			1.20	ug/L	2.00		60.2	32.2-138		
Surrogate: 2-Fluorophenol-surr			2.96	ug/L	4.00		74.0	32.7-137		
Surrogate: Nitrobenzene-d5-surr			1.59	ug/L	2.00		79.6	31.2-136		
Surrogate: Phenol-d5-surr			2.79	ug/L	4.00		69.7	28.9-155		
Surrogate: p-Terphenyl-d14-surr			1.71	ug/L	2.00		85.6	37.6-117		
BENZ LCS (BHE3538-BS1)					Prepared: 5/21/2024 Analyzed: 5/23/2024					
3,3'-Dichlorobenzidine	48.5		4.00	ug/L	50.0		97.0	0-262		
Benzidine	<16.0	U	16.0	ug/L	50.0			0-131		
Surrogate: 2-Fluorobiphenyl-surr			1.57	ug/L	2.00		78.7	32.2-138		
Surrogate: Nitrobenzene-d5-surr			1.63	ug/L	2.00		81.4	31.2-136		
Surrogate: p-Terphenyl-d14-surr		S	2.66	ug/L	2.00		133	37.6-117		

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Quality Control
(Continued)

Semivolatile Organic Compounds by GCMS (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit
Batch: BHE3538 - EPA 625 LLE (Continued)									
LCS (BHE3538-BS2)					Prepared: 5/21/2024 Analyzed: 5/23/2024				
2-Methylphenol	2.68		1.10	ug/L	4.00		66.9	60-140	
1,2,4-Trichlorobenzene	1.29		0.300	ug/L	2.00		64.5	44-142	
1,2-Diphenylhydrazine	1.65		0.750	ug/L	2.00		82.4	60-140	
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methy	1.35		0.400	ug/L	2.00		67.3	60-140	
2,4,5-Trichlorophenol	3.21		0.700	ug/L	4.00		80.3	60-140	
2,4,6-Trichlorophenol	2.93		1.20	ug/L	4.00		73.4	37-144	
2,4-Dichlorophenol	3.10		0.800	ug/L	4.00		77.5	39-135	
2,4-Dimethylphenol	3.17		0.900	ug/L	4.00		79.3	32-120	
2,4-Dinitrophenol	9.67		8.60	ug/L	10.0		96.7	0-191	
2,4-Dinitrotoluene (2,4-DNT)	1.50		0.200	ug/L	2.00		74.9	39-139	
2,6-Dinitrotoluene (2,6-DNT)	1.57		1.80	ug/L	2.00		78.7	50-158	
2-Chlorophenol	2.62		0.500	ug/L	4.00		65.5	23-134	
2-Methyl-4,6-dinitrophenol	3.67		1.60	ug/L	4.00		91.6	0-181	
(4,6-Dinitro-2-methylph									
2-Nitrophenol	3.01		0.700	ug/L	4.00		75.1	29-182	
3,4-Methylphenol	5.11		1.40	ug/L	8.00		63.9	60-140	
4-Bromophenyl phenyl ether (BDE-3)	1.52		0.300	ug/L	2.00		76.0	53-127	
4-Chloro-3-methylphenol	2.99		0.700	ug/L	4.00		74.8	22-147	
4-Chlorophenyl phenylether	1.40		0.700	ug/L	2.00		69.9	25-158	
4-Nitrophenol	8.18		7.20	ug/L	10.0		81.8	0-132	
Acenaphthene	1.35		0.300	ug/L	2.00		67.7	47-145	
Acenaphthylene	1.32		0.200	ug/L	2.00		65.9	33-145	
Anthracene	1.54		0.200	ug/L	2.00		77.0	27-133	
Benzo(a)anthracene	1.42		0.300	ug/L	2.00		70.8	33-143	
Benzo(a)pyrene	1.55		0.500	ug/L	2.00		77.3	17-163	
benzo(b&k)fluoranthene	3.36		0.400	ug/L	4.00		83.9	60-140	
Benzo(g,h,i)perylene	1.66		0.400	ug/L	2.00		83.2	0-219	
bis(2-Chloroethoxy)methane	1.48		0.400	ug/L	2.00		74.2	33-184	
bis(2-Chloroethyl) ether	1.28		0.600	ug/L	2.00		63.8	12-158	
Bis(2-ethylhexyl)phthalate	1.98		1.50	ug/L	2.00		99.0	8-158	
Butyl benzyl phthalate	1.42		0.400	ug/L	2.00		70.9	0-152	
Chrysene	1.72		0.200	ug/L	2.00		86.0	17-168	
Dibenzo(a,h)anthracene	1.74		0.500	ug/L	2.00		87.1	0-227	
Dibenzofuran	1.44		0.400	ug/L	2.00		72.1	60-140	
Diethyl phthalate	1.69		0.500	ug/L	2.00		84.4	0-120	
Dimethyl phthalate	1.51		0.300	ug/L	2.00		75.3	0-120	
Di-n-butyl phthalate	2.11		1.60	ug/L	2.00		106	1-120	
Di-n-octyl phthalate	1.53		1.50	ug/L	2.00		76.5	4-146	
Fluoranthene	1.55		0.300	ug/L	2.00		77.5	26-137	
Fluorene	1.48		0.200	ug/L	2.00		73.9	59-121	
Hexachlorobenzene	1.41		0.200	ug/L	2.00		70.4	0-152	
Indeno(1,2,3-cd) pyrene	1.67		0.400	ug/L	2.00		83.4	0-171	
Isophorone	1.40		0.300	ug/L	2.00		69.9	21-196	
Naphthalene	1.31		0.300	ug/L	2.00		65.7	21-133	
Nitrobenzene	1.44		0.400	ug/L	2.00		72.1	35-180	
n-Nitrosodimethylamine	2.11		3.80	ug/L	10.0		21.1	4.18-37.2	
n-Nitrosodi-n-propylamine	1.31		1.40	ug/L	2.00		65.6	0-230	

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Quality Control
(Continued)

Semivolatile Organic Compounds by GCMS (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
---------	--------	------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------

Batch: BHE3538 - EPA 625 LLE (Continued)

LCS (BHE3538-BS2)

Prepared: 5/21/2024 Analyzed: 5/23/2024

Pentachlorophenol	3.56		1.40	ug/L	4.00		88.9	14-176		
Phenanthrene	1.50		0.300	ug/L	2.00		74.9	54-120		
Phenol, Total	2.84		1.50	ug/L	4.00		70.9	5-120		
Pyrene	1.52		0.300	ug/L	2.00		76.0	52-120		
Surrogate: 2,4,6-Tribromophenol-surr			2.56	ug/L	4.00		64.0	33.6-139		
Surrogate: 2-Fluorobiphenyl-surr			1.29	ug/L	2.00		64.4	32.2-138		
Surrogate: 2-Fluorophenol-surr			2.64	ug/L	4.00		66.1	32.7-137		
Surrogate: Nitrobenzene-d5-surr			1.35	ug/L	2.00		67.3	31.2-136		
Surrogate: Phenol-d5-surr			2.72	ug/L	4.00		67.9	28.9-155		
Surrogate: p-Terphenyl-d14-surr			1.27	ug/L	2.00		63.7	37.6-117		

LCS (BHE3538-BS3)

Prepared: 5/21/2024 Analyzed: 5/24/2024

1,2,4,5-Tetrachlorobenzene	1.23		0.300	ug/L	2.00		61.4	60-140		
2-Chloronaphthalene	1.31		0.400	ug/L	2.00		65.5	60-120		
Hexachlorobutadiene	1.19		0.300	ug/L	2.00		59.4	24-120		
Hexachlorocyclopentadiene	1.26		0.750	ug/L	2.00		63.2	60-140		
Hexachloroethane	1.02		0.200	ug/L	2.00		51.1	40-120		
Hexachlorophene	3.36		1.10	ug/L	4.00		84.0	60-140		
n-Nitrosodiethylamine	1.26		0.500	ug/L	2.00		63.2	60-140		
n-Nitroso-di-n-butylamine	<5.70	U	5.70	ug/L	2.00			60-140		
n-Nitrosodiphenylamine	1.26		0.200	ug/L	2.00		63.2	60-140		
Pentachlorobenzene	1.18	J1	0.200	ug/L	2.00		59.2	60-140		
Pyridine	<13.3	U	13.3	ug/L	10.0			0-137		
Surrogate: 2,4,6-Tribromophenol-surr			3.34	ug/L	4.00		83.4	33.6-139		
Surrogate: 2-Fluorobiphenyl-surr			1.21	ug/L	2.00		60.5	32.2-138		
Surrogate: 2-Fluorophenol-surr			2.51	ug/L	4.00		62.7	32.7-137		
Surrogate: Nitrobenzene-d5-surr			1.54	ug/L	2.00		77.0	31.2-136		
Surrogate: Phenol-d5-surr			2.86	ug/L	4.00		71.5	28.9-155		
Surrogate: p-Terphenyl-d14-surr			1.73	ug/L	2.00		86.3	37.6-117		

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Quality Control
(Continued)

Semivolatile Organic Compounds by GCMS (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
---------	--------	------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------

Batch: BHE3538 - EPA 625 LLE (Continued)

BENZ LCSD (BHE3538-BS01)

Prepared: 5/21/2024 Analyzed: 5/23/2024

3,3'-Dichlorobenzidine	42.3		4.00	ug/L	50.0		84.7	0-262	13.6	108
Benzidine	<16.0	U	16.0	ug/L	50.0			0-131	200	40
Surrogate: 2-Fluorobiphenyl-surr			1.38	ug/L	2.00		69.1	32.2-138		
Surrogate: Nitrobenzene-d5-surr			1.25	ug/L	2.00		62.7	31.2-136		
Surrogate: p-Terphenyl-d14-surr			1.73	ug/L	2.00		86.7	37.6-117		

LCS Dup (BHE3538-BS02)

Prepared: 5/21/2024 Analyzed: 5/23/2024

2-Methylphenol	2.90		1.10	ug/L	4.00		72.6	60-140	8.21	40
1,2,4-Trichlorobenzene	0.996		0.300	ug/L	2.00		49.8	44-142	25.8	50
1,2-Diphenylhydrazine	1.27		0.750	ug/L	2.00		63.5	60-140	26.0	40
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methy	1.40		0.400	ug/L	2.00		70.1	60-140	4.09	40
2,4,5-Trichlorophenol	2.85		0.700	ug/L	4.00		71.3	60-140	11.9	40
2,4,6-Trichlorophenol	2.66		1.20	ug/L	4.00		66.4	37-144	9.98	58
2,4-Dichlorophenol	2.82		0.800	ug/L	4.00		70.5	39-135	9.48	50
2,4-Dimethylphenol	3.36		0.900	ug/L	4.00		84.1	32-120	5.83	58
2,4-Dinitrophenol	7.30		8.60	ug/L	10.0		73.0	0-191	27.9	132
2,4-Dinitrotoluene (2,4-DNT)	1.50		0.200	ug/L	2.00		74.9	39-139	0.00227	42
2,6-Dinitrotoluene (2,6-DNT)	1.48		1.80	ug/L	2.00		73.9	50-158	6.33	48
2-Chlorophenol	2.62		0.500	ug/L	4.00		65.5	23-134	0.0794	61
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylph	2.82		1.60	ug/L	4.00		70.5	0-181	26.0	203
2-Nitrophenol	2.96		0.700	ug/L	4.00		74.0	29-182	1.51	55
3,4-Methylphenol	5.82		1.40	ug/L	8.00		72.8	60-140	13.0	40
4-Bromophenyl phenyl ether (BDE-3)	1.23		0.300	ug/L	2.00		61.4	53-127	21.4	43
4-Chloro-3-methylphenol	2.65		0.700	ug/L	4.00		66.4	22-147	11.9	73
4-Chlorophenyl phenylether	1.23		0.700	ug/L	2.00		61.5	25-158	12.8	61
4-Nitrophenol	6.98		7.20	ug/L	10.0		69.8	0-132	15.9	131
Acenaphthene	1.17		0.300	ug/L	2.00		58.4	47-145	14.8	48
Acenaphthylene	1.06		0.200	ug/L	2.00		53.2	33-145	21.3	74
Anthracene	1.26		0.200	ug/L	2.00		62.9	27-133	20.2	66
Benzo(a)anthracene	1.13		0.300	ug/L	2.00		56.6	33-143	22.4	53
Benzo(a)pyrene	1.28		0.500	ug/L	2.00		64.1	17-163	18.7	72
benzo(b&k)fluoranthene	2.58		0.400	ug/L	4.00		64.4	60-140	26.3	40
Benzo(g,h,i)perylene	1.34		0.400	ug/L	2.00		66.9	0-219	21.8	97
bis(2-Chloroethoxy)methane	1.71		0.400	ug/L	2.00		85.3	33-184	13.9	54
bis(2-Chloroethyl) ether	1.31		0.600	ug/L	2.00		65.7	12-158	2.91	108
Bis(2-ethylhexyl)phthalate	1.53		1.50	ug/L	2.00		76.5	8-158	25.6	82
Butyl benzyl phthalate	1.31		0.400	ug/L	2.00		65.3	0-152	8.28	60
Chrysene	1.62		0.200	ug/L	2.00		81.0	17-168	5.98	87
Dibenzo(a,h)anthracene	1.44		0.500	ug/L	2.00		72.1	0-227	18.7	126
Dibenzofuran	1.28		0.400	ug/L	2.00		63.9	60-140	12.1	40
Diethyl phthalate	1.54		0.500	ug/L	2.00		77.2	0-120	8.98	100
Dimethyl phthalate	1.34		0.300	ug/L	2.00		67.1	0-120	11.5	183
Di-n-butyl phthalate	1.43		1.60	ug/L	2.00		71.6	1-120	38.4	47
Di-n-octyl phthalate	1.82		1.50	ug/L	2.00		91.2	4-146	17.6	69
Fluoranthene	1.37		0.300	ug/L	2.00		68.7	26-137	12.0	66
Fluorene	1.32		0.200	ug/L	2.00		66.0	59-121	11.3	38

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Quality Control
(Continued)

Semivolatile Organic Compounds by GCMS (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
---------	--------	------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------

Batch: BHE3538 - EPA 625 LLE (Continued)

LCS Dup (BHE3538-BSD2)

Prepared: 5/21/2024 Analyzed: 5/23/2024

Hexachlorobenzene	1.31		0.200	ug/L	2.00		65.6	0-152	7.09	55
Indeno(1,2,3-cd) pyrene	1.39		0.400	ug/L	2.00		69.5	0-171	18.1	99
Isophorone	1.61		0.300	ug/L	2.00		80.3	21-196	13.8	93
Naphthalene	1.08		0.300	ug/L	2.00		53.8	21-133	19.9	65
Nitrobenzene	1.49		0.400	ug/L	2.00		74.6	35-180	3.52	62
n-Nitrosodimethylamine	<3.80	J1, U	3.80	ug/L	10.0			4.18-37.2	200	40
n-Nitrosodi-n-propylamine	1.58		1.40	ug/L	2.00		78.8	0-230	18.3	87
Pentachlorophenol	3.09		1.40	ug/L	4.00		77.3	14-176	13.9	86
Phenanthrene	1.27		0.300	ug/L	2.00		63.7	54-120	16.1	39
Phenol, Total	3.10		1.50	ug/L	4.00		77.6	5-120	9.03	64
Pyrene	1.29		0.300	ug/L	2.00		64.7	52-120	16.1	49
Surrogate: 2,4,6-Tribromophenol-surr			2.63	ug/L	4.00		65.9	33.6-139		
Surrogate: 2-Fluorobiphenyl-surr			1.06	ug/L	2.00		52.8	32.2-138		
Surrogate: 2-Fluorophenol-surr			2.85	ug/L	4.00		71.2	32.7-137		
Surrogate: Nitrobenzene-d5-surr			1.56	ug/L	2.00		78.2	31.2-136		
Surrogate: Phenol-d5-surr			2.81	ug/L	4.00		70.3	28.9-155		
Surrogate: p-Terphenyl-d14-surr			1.24	ug/L	2.00		62.0	37.6-117		

LCS Dup (BHE3538-BSD3)

Prepared: 5/21/2024 Analyzed: 5/24/2024

1,2,4,5-Tetrachlorobenzene	1.17	J1	0.300	ug/L	2.00		58.3	60-140	5.08	40
2-Chloronaphthalene	1.30		0.400	ug/L	2.00		64.8	60-120	1.03	24
Hexachlorobutadiene	0.842		0.300	ug/L	2.00		42.1	24-120	34.1	62
Hexachlorocyclopentadiene	1.18	J1	0.750	ug/L	2.00		59.0	60-140	7.01	40
Hexachloroethane	0.859		0.200	ug/L	2.00		42.9	40-120	17.4	52
Hexachlorophene	3.72		1.10	ug/L	4.00		93.0	60-140	10.2	40
n-Nitrosodiethylamine	1.27		0.500	ug/L	2.00		63.3	60-140	0.193	40
n-Nitroso-di-n-butylamine	<5.70	U	5.70	ug/L	2.00			60-140	200	40
n-Nitrosodiphenylamine	0.693	J1	0.200	ug/L	2.00		34.7	60-140	58.3	40
Pentachlorobenzene	1.12	J1	0.200	ug/L	2.00		56.2	60-140	5.11	40
Pyridine	<13.3	U	13.3	ug/L	10.0			0-137	200	40
Surrogate: 2,4,6-Tribromophenol-surr			2.30	ug/L	4.00		57.5	33.6-139		
Surrogate: 2-Fluorobiphenyl-surr			1.20	ug/L	2.00		59.9	32.2-138		
Surrogate: 2-Fluorophenol-surr			2.95	ug/L	4.00		73.7	32.7-137		
Surrogate: Nitrobenzene-d5-surr			1.18	ug/L	2.00		59.0	31.2-136		
Surrogate: Phenol-d5-surr			2.77	ug/L	4.00		69.3	28.9-155		
Surrogate: p-Terphenyl-d14-surr			1.17	ug/L	2.00		58.3	37.6-117		

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Quality Control
(Continued)

Semivolatile Organic Compounds by GCMS (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHE3538 - EPA 625 LLE (Continued)										
Matrix Spike (BHE3538-MS1)			Source: 24D3991-01			Prepared: 5/21/2024 Analyzed: 5/23/2024				
2-Methylphenol	2.34	J1	1.10	ug/L	4.00	<1.10	58.5	60-140		
1,2,4-Trichlorobenzene	1.90		0.300	ug/L	2.00	<0.300	94.8	44-142		
1,2-Diphenylhydrazine	1.92		0.750	ug/L	2.00	0.338	78.9	60-140		
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methy	1.41		0.400	ug/L	2.00	<0.400	70.7	60-140		
2,4,5-Trichlorophenol	3.30		0.700	ug/L	4.00	<0.700	82.4	60-140		
2,4,6-Trichlorophenol	3.36		1.20	ug/L	4.00	<1.20	84.0	37-144		
2,4-Dichlorophenol	3.26		0.800	ug/L	4.00	<0.800	81.6	39-135		
2,4-Dimethylphenol	2.26		0.900	ug/L	4.00	<0.900	56.4	32-120		
2,4-Dinitrophenol	9.52		8.60	ug/L	10.0	<8.60	95.2	0-191		
2,4-Dinitrotoluene (2,4-DNT)	1.72		0.200	ug/L	2.00	<0.200	86.1	39-139		
2,6-Dinitrotoluene (2,6-DNT)	2.38		1.80	ug/L	2.00	<1.80	119	50-158		
2-Chlorophenol	2.89		0.500	ug/L	4.00	<0.500	72.3	23-134		
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylph	3.43		1.60	ug/L	4.00	<1.60	85.7	0-181		
2-Nitrophenol	3.43		0.700	ug/L	4.00	0.236	79.9	29-182		
3,4-Methylphenol	4.48	J1	1.40	ug/L	8.00	<1.40	56.0	60-140		
4-Bromophenyl phenyl ether (BDE-3)	1.57		0.300	ug/L	2.00	<0.300	78.4	53-127		
4-Chloro-3-methylphenol	3.05		0.700	ug/L	4.00	<0.700	76.1	22-147		
4-Chlorophenyl phenylether	1.49		0.700	ug/L	2.00	<0.700	74.3	25-158		
4-Nitrophenol	9.28		7.20	ug/L	10.0	<7.20	92.8	0-132		
Acenaphthene	1.39		0.300	ug/L	2.00	<0.300	69.3	47-145		
Acenaphthylene	1.23		0.200	ug/L	2.00	<0.200	61.4	33-145		
Anthracene	1.41		0.200	ug/L	2.00	<0.200	70.3	27-133		
Benzo(a)anthracene	1.81		0.300	ug/L	2.00	<0.300	90.5	33-143		
Benzo(a)pyrene	1.46		0.500	ug/L	2.00	<0.500	73.0	17-163		
benzo(b&k)fluoranthene	3.64		0.400	ug/L	4.00	<0.400	91.0	60-140		
Benzo(g,h,i)perylene	1.49		0.400	ug/L	2.00	<0.400	74.6	0-219		
bis(2-Chloroethoxy)methane	1.54		0.400	ug/L	2.00	<0.400	77.1	33-184		
bis(2-Chloroethyl) ether	1.29		0.600	ug/L	2.00	<0.600	64.4	12-158		
Bis(2-ethylhexyl)phthalate	1.59		1.50	ug/L	2.00	0.586	50.4	8-158		
Butyl benzyl phthalate	1.96		0.400	ug/L	2.00	<0.400	98.0	0-152		
Chrysene	1.55		0.200	ug/L	2.00	<0.200	77.6	17-168		
Dibenzo(a,h)anthracene	1.66		0.500	ug/L	2.00	<0.500	83.1	0-227		
Dibenzofuran	1.53		0.400	ug/L	2.00	<0.400	76.5	60-140		
Diethyl phthalate	1.83		0.500	ug/L	2.00	0.344	74.2	0-120		
Dimethyl phthalate	1.61		0.300	ug/L	2.00	0.116	74.9	0-120		
Di-n-butyl phthalate	2.09		1.60	ug/L	2.00	<1.60	105	1-120		
Di-n-octyl phthalate	1.12		1.50	ug/L	2.00	<1.50	55.8	4-146		
Fluoranthene	1.60		0.300	ug/L	2.00	<0.300	79.8	26-137		
Fluorene	1.56		0.200	ug/L	2.00	<0.200	78.1	59-121		
Hexachlorobenzene	1.48		0.200	ug/L	2.00	<0.200	73.9	0-152		
Indeno(1,2,3-cd) pyrene	1.59		0.400	ug/L	2.00	<0.400	79.7	0-171		
Isophorone	1.48		0.300	ug/L	2.00	<0.300	73.9	21-196		
Naphthalene	1.31		0.300	ug/L	2.00	<0.300	65.4	21-133		
Nitrobenzene	2.42		0.400	ug/L	2.00	<0.400	121	35-180		
n-Nitrosodimethylamine	3.26		3.80	ug/L	10.0	<3.80	32.6	4.18-91		
n-Nitrosodi-n-propylamine	1.78		1.40	ug/L	2.00	<1.40	88.8	0-230		

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Quality Control
(Continued)

Semivolatile Organic Compounds by GCMS (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
---------	--------	------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------

Batch: BHE3538 - EPA 625 LLE (Continued)

Matrix Spike (BHE3538-MS1)

Source: 24D3991-01

Prepared: 5/21/2024 Analyzed: 5/23/2024

Pentachlorophenol	3.80		1.40	ug/L	4.00	<1.40	95.1	14-176		
Phenanthrene	1.56		0.300	ug/L	2.00	<0.300	78.0	54-120		
Phenol, Total	3.09		1.50	ug/L	4.00	0.632	61.5	5-120		
Pyrene	1.57		0.300	ug/L	2.00	<0.300	78.3	52-120		
Surrogate: 2,4,6-Tribromophenol-surr			3.22	ug/L	4.00		80.4	33.6-139		
Surrogate: 2-Fluorobiphenyl-surr			1.34	ug/L	2.00		67.2	32.2-138		
Surrogate: 2-Fluorophenol-surr			2.63	ug/L	4.00		65.7	32.7-137		
Surrogate: Nitrobenzene-d5-surr			1.53	ug/L	2.00		76.7	31.2-136		
Surrogate: Phenol-d5-surr			2.61	ug/L	4.00		65.2	28.9-155		
Surrogate: p-Terphenyl-d14-surr			1.45	ug/L	2.00		72.5	37.6-117		

Matrix Spike (BHE3538-MS2)

Source: 24D3991-01RE2

Prepared: 5/21/2024 Analyzed: 5/24/2024

1,2,4,5-Tetrachlorobenzene	1.59		0.300	ug/L	2.00	<0.300	79.7	60-140		
2-Chloronaphthalene	1.79		0.400	ug/L	2.00	<0.400	89.3	60-120		
Hexachlorobutadiene	1.94		0.300	ug/L	2.00	<0.300	96.9	24-120		
Hexachlorocyclopentadiene	2.84	J1	0.750	ug/L	2.00	<0.750	142	60-140		
Hexachloroethane	1.44		0.200	ug/L	2.00	<0.200	72.2	40-120		
Hexachlorophene	4.14		1.10	ug/L	4.00	0.941	80.0	60-140		
n-Nitrosodiethylamine	2.43	J1	0.500	ug/L	2.00	1.63	39.9	60-140		
n-Nitroso-di-n-butylamine	2.19		5.70	ug/L	2.00	<5.70	110	60-140		
n-Nitrosodiphenylamine	0.674	J1	0.200	ug/L	2.00	<0.200	33.7	60-140		
Pentachlorobenzene	1.47		0.200	ug/L	2.00	<0.200	73.7	60-140		
Pyridine	<13.3	J1, U	13.3	ug/L	10.0	<13.3		60-140		
Surrogate: 2,4,6-Tribromophenol-surr			2.91	ug/L	4.00		72.7	33.6-139		
Surrogate: 2-Fluorobiphenyl-surr			1.62	ug/L	2.00		81.1	32.2-138		
Surrogate: 2-Fluorophenol-surr			3.87	ug/L	4.00		96.7	32.7-137		
Surrogate: Nitrobenzene-d5-surr			1.95	ug/L	2.00		97.3	31.2-136		
Surrogate: Phenol-d5-surr			3.70	ug/L	4.00		92.5	28.9-155		
Surrogate: p-Terphenyl-d14-surr			1.45	ug/L	2.00		72.5	37.6-117		

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Quality Control
(Continued)

Semivolatile Organic Compounds by GCMS (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
---------	--------	------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------

Batch: BHE3538 - EPA 625 LLE (Continued)

Matrix Spike Dup (BHE3538-MSD1)

Source: 24D3991-01

Prepared: 5/21/2024 Analyzed: 5/23/2024

2-Methylphenol	1.65	J1	1.10	ug/L	4.00	<1.10	41.3	60-140	34.5	40
1,2,4-Trichlorobenzene	1.27		0.300	ug/L	2.00	<0.300	63.5	44-142	39.5	50
1,2-Diphenylhydrazine	1.92		0.750	ug/L	2.00	0.338	79.2	60-140	0.298	40
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methy	1.31		0.400	ug/L	2.00	<0.400	65.3	60-140	7.90	40
2,4,5-Trichlorophenol	3.14		0.700	ug/L	4.00	<0.700	78.5	60-140	4.87	40
2,4,6-Trichlorophenol	3.20		1.20	ug/L	4.00	<1.20	80.1	37-144	4.79	58
2,4-Dichlorophenol	2.84		0.800	ug/L	4.00	<0.800	71.1	39-135	13.8	50
2,4-Dimethylphenol	0.538	J1	0.900	ug/L	4.00	<0.900	13.5	32-120	123	58
2,4-Dinitrophenol	8.99		8.60	ug/L	10.0	<8.60	89.9	0-191	5.83	132
2,4-Dinitrotoluene (2,4-DNT)	1.80		0.200	ug/L	2.00	<0.200	90.1	39-139	4.47	42
2,6-Dinitrotoluene (2,6-DNT)	2.24		1.80	ug/L	2.00	<1.80	112	50-158	5.90	48
2-Chlorophenol	2.26		0.500	ug/L	4.00	<0.500	56.6	23-134	24.3	61
2-Methyl-4,6-dinitrophenol	2.99		1.60	ug/L	4.00	<1.60	74.7	0-181	13.8	203
(4,6-Dinitro-2-methylph										
2-Nitrophenol	3.20		0.700	ug/L	4.00	0.236	74.1	29-182	7.02	55
3,4-Methylphenol	3.63	J1	1.40	ug/L	8.00	<1.40	45.4	60-140	20.8	40
4-Bromophenyl phenyl ether (BDE-3)	1.45		0.300	ug/L	2.00	<0.300	72.3	53-127	8.15	43
4-Chloro-3-methylphenol	3.07		0.700	ug/L	4.00	<0.700	76.7	22-147	0.725	73
4-Chlorophenyl phenylether	1.36		0.700	ug/L	2.00	<0.700	68.1	25-158	8.76	61
4-Nitrophenol	12.5		7.20	ug/L	10.0	<7.20	125	0-132	29.5	131
Acenaphthene	1.29		0.300	ug/L	2.00	<0.300	64.5	47-145	7.17	48
Acenaphthylene	0.948		0.200	ug/L	2.00	<0.200	47.4	33-145	25.7	74
Anthracene	1.29		0.200	ug/L	2.00	<0.200	64.7	27-133	8.40	66
Benzo(a)anthracene	1.66		0.300	ug/L	2.00	<0.300	82.9	33-143	8.83	53
Benzo(a)pyrene	1.00		0.500	ug/L	2.00	<0.500	50.1	17-163	37.2	72
benzo(b&k)fluoranthene	3.22		0.400	ug/L	4.00	<0.400	80.6	60-140	12.1	40
Benzo(g,h,i)perylene	1.51		0.400	ug/L	2.00	<0.400	75.3	0-219	0.869	97
bis(2-Chloroethoxy)methane	1.50		0.400	ug/L	2.00	<0.400	75.0	33-184	2.87	54
bis(2-Chloroethyl) ether	1.16		0.600	ug/L	2.00	<0.600	58.1	12-158	10.2	108
Bis(2-ethylhexyl)phthalate	1.41		1.50	ug/L	2.00	0.586	41.2	8-158	12.3	82
Butyl benzyl phthalate	2.22		0.400	ug/L	2.00	<0.400	111	0-152	12.4	60
Chrysene	1.48		0.200	ug/L	2.00	<0.200	74.2	17-168	4.50	87
Dibenzo(a,h)anthracene	1.65		0.500	ug/L	2.00	<0.500	82.3	0-227	0.990	126
Dibenzofuran	1.41		0.400	ug/L	2.00	<0.400	70.6	60-140	7.97	40
Diethyl phthalate	1.77		0.500	ug/L	2.00	0.344	71.4	0-120	3.17	100
Dimethyl phthalate	1.60		0.300	ug/L	2.00	0.116	74.0	0-120	1.02	183
Di-n-butyl phthalate	1.52		1.60	ug/L	2.00	<1.60	75.8	1-120	32.1	47
Di-n-octyl phthalate	1.25		1.50	ug/L	2.00	<1.50	62.7	4-146	11.7	69
Fluoranthene	1.59		0.300	ug/L	2.00	<0.300	79.4	26-137	0.496	66
Fluorene	1.45		0.200	ug/L	2.00	<0.200	72.3	59-121	7.68	38
Hexachlorobenzene	1.24		0.200	ug/L	2.00	<0.200	62.2	0-152	17.2	55
Indeno(1,2,3-cd) pyrene	1.56		0.400	ug/L	2.00	<0.400	78.2	0-171	1.88	99
Isophorone	1.57		0.300	ug/L	2.00	<0.300	78.6	21-196	6.16	93
Naphthalene	1.21		0.300	ug/L	2.00	<0.300	60.5	21-133	7.77	65
Nitrobenzene	2.93		0.400	ug/L	2.00	<0.400	146	35-180	18.9	62
n-Nitrosodimethylamine	1.82	J1	3.80	ug/L	10.0	<3.80	18.2	4.18-91	56.7	40
n-Nitrosodi-n-propylamine	1.75		1.40	ug/L	2.00	<1.40	87.5	0-230	1.52	87

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Quality Control
(Continued)

Semivolatile Organic Compounds by GCMS (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
---------	--------	------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------

Batch: BHE3538 - EPA 625 LLE (Continued)

Matrix Spike Dup (BHE3538-MSD1)

Source: 24D3991-01

Prepared: 5/21/2024 Analyzed: 5/23/2024

Pentachlorophenol	3.42		1.40	ug/L	4.00	<1.40	85.6	14-176	10.6	86
Phenanthrene	1.56		0.300	ug/L	2.00	<0.300	78.1	54-120	0.0580	39
Phenol, Total	2.73		1.50	ug/L	4.00	0.632	52.5	5-120	12.4	64
Pyrene	1.53		0.300	ug/L	2.00	<0.300	76.6	52-120	2.15	49
Surrogate: 2,4,6-Tribromophenol-surr			2.83	ug/L	4.00		70.7	33.6-139		
Surrogate: 2-Fluorobiphenyl-surr			1.14	ug/L	2.00		57.2	32.2-138		
Surrogate: 2-Fluorophenol-surr			2.42	ug/L	4.00		60.6	32.7-137		
Surrogate: Nitrobenzene-d5-surr			1.84	ug/L	2.00		91.8	31.2-136		
Surrogate: Phenol-d5-surr			2.08	ug/L	4.00		51.9	28.9-155		
Surrogate: p-Terphenyl-d14-surr			1.67	ug/L	2.00		83.7	37.6-117		

Matrix Spike Dup (BHE3538-MSD2)

Source: 24D3991-01RE2

Prepared: 5/21/2024 Analyzed: 5/24/2024

1,2,4,5-Tetrachlorobenzene	1.18	J1	0.300	ug/L	2.00	<0.300	59.1	60-140	29.7	40
2-Chloronaphthalene	1.30	J1	0.400	ug/L	2.00	<0.400	65.0	60-120	31.5	24
Hexachlorobutadiene	1.22		0.300	ug/L	2.00	<0.300	61.0	24-120	45.4	62
Hexachlorocyclopentadiene	2.51		0.750	ug/L	2.00	<0.750	125	60-140	12.4	40
Hexachloroethane	1.03		0.200	ug/L	2.00	<0.200	51.5	40-120	33.5	52
Hexachlorophene	3.39		1.10	ug/L	4.00	0.941	61.2	60-140	19.9	40
n-Nitrosodiethylamine	1.52	J1	0.500	ug/L	2.00	1.63	NR	60-140	46.3	40
n-Nitroso-di-n-butylamine	2.09		5.70	ug/L	2.00	<5.70	104	60-140	4.80	40
n-Nitrosodiphenylamine	0.181	J1	0.200	ug/L	2.00	<0.200	9.07	60-140	115	40
Pentachlorobenzene	1.10	J1	0.200	ug/L	2.00	<0.200	55.2	60-140	28.7	40
Pyridine	<13.3	J1, U	13.3	ug/L	10.0	<13.3		60-140		40
Surrogate: 2,4,6-Tribromophenol-surr			2.69	ug/L	4.00		67.4	33.6-139		
Surrogate: 2-Fluorobiphenyl-surr			1.25	ug/L	2.00		62.7	32.2-138		
Surrogate: 2-Fluorophenol-surr			2.57	ug/L	4.00		64.3	32.7-137		
Surrogate: Nitrobenzene-d5-surr			1.95	ug/L	2.00		97.6	31.2-136		
Surrogate: Phenol-d5-surr			2.60	ug/L	4.00		64.9	28.9-155		
Surrogate: p-Terphenyl-d14-surr			1.46	ug/L	2.00		73.0	37.6-117		



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Quality Control
(Continued)

Semivolatile Organic Compounds by GCMS (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHE4730 - SW-3511										
MB NP (BHE4730-BLK1)					Prepared: 5/29/2024 Analyzed: 5/30/2024					
Nonylphenol	<333	U	333	ug/L						
Surrogate: n-NP-surr			7.88	ug/L	7.99		98.6	60-140		
BS NP (BHE4730-BS1)					Prepared: 5/29/2024 Analyzed: 5/30/2024					
Nonylphenol	36.1		333	ug/L	39.6		91.3	56-112		
Surrogate: n-NP-surr			7.55	ug/L	7.91		95.5	60-140		
BSD NP (BHE4730-BSD1)					Prepared: 5/29/2024 Analyzed: 5/30/2024					
Nonylphenol	36.2		333	ug/L	39.4		91.9	56-112	0.360	22
Surrogate: n-NP-surr			7.47	ug/L	7.89		94.7	60-140		
24E4801-02 MS (BHE4730-MS1)					Source: 24E4801-02		Prepared: 5/29/2024 Analyzed: 5/30/2024			
Nonylphenol	<333	J1, U	333	ug/L	39.6	<333		56-112		
Surrogate: n-NP-surr		S	1.60	ug/L	7.92		20.2	60-140		
24E4801-02 MSD (BHE4730-MSD1)					Source: 24E4801-02		Prepared: 5/29/2024 Analyzed: 5/31/2024			
Nonylphenol	<333	J1, U	333	ug/L	39.5	<333		56-112		22
Surrogate: n-NP-surr		S	1.63	ug/L	7.90		20.6	60-140		

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Quality Control
(Continued)

Organics by GC

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHE2617 - SW-3511										
MB HERB (BHE2617-BLK1)					Prepared: 5/16/2024 Analyzed: 6/8/2024					
2,4-D	<0.700	U	0.700	ug/L						
Silvex (2,4,5-TP)	<0.300	U	0.300	ug/L						
2,4,5-T	<0.236	U	0.236	ug/L						
Surrogate: DCAA-surr			28.6	ug/L	25.0		114	70-130		
BS HERB (BHE2617-BS1)										
					Prepared: 5/16/2024 Analyzed: 6/8/2024					
2,4-D	5.41		0.700	ug/L	5.15		105	70-130		
Silvex (2,4,5-TP)	4.21		0.300	ug/L	5.00		84.2	70-130		
2,4,5-T	5.35		0.236	ug/L	5.20		103	70-130		
Surrogate: DCAA-surr			28.0	ug/L	25.0		112	70-130		
BSD HERB (BHE2617-BSD1)										
					Prepared: 5/16/2024 Analyzed: 6/8/2024					
2,4-D	5.29		0.700	ug/L	5.15		103	70-130	2.33	30
Silvex (2,4,5-TP)	4.12		0.300	ug/L	5.00		82.4	70-130	2.16	30
2,4,5-T	5.20		0.236	ug/L	5.20		100	70-130	2.82	30
Surrogate: DCAA-surr			29.6	ug/L	25.0		118	70-130		
24E3514-01 MS (BHE2617-MS1)										
			Source: 24E3514-01		Prepared: 5/16/2024 Analyzed: 6/8/2024					
2,4-D	5.84		0.700	ug/L	5.11	<0.700	114	70-130		
Silvex (2,4,5-TP)	3.68		0.300	ug/L	4.97	<0.300	74.0	70-130		
2,4,5-T	5.45		0.234	ug/L	5.16	<0.234	105	70-130		
Surrogate: DCAA-surr			23.5	ug/L	24.8		94.5	70-130		
24E3514-01 MSD (BHE2617-MSD1)										
			Source: 24E3514-01		Prepared: 5/16/2024 Analyzed: 6/8/2024					
2,4-D	5.71		0.700	ug/L	5.09	<0.700	112	70-130	2.35	30
Silvex (2,4,5-TP)	3.54		0.300	ug/L	4.94	<0.300	71.7	70-130	3.69	30
2,4,5-T	5.33		0.233	ug/L	5.14	<0.233	104	70-130	2.19	30
Surrogate: DCAA-surr			22.3	ug/L	24.7		90.3	70-130		

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Quality Control
(Continued)

Organics by GC (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHE3887 - SM 6640 B										
MB HERB (BHE3887-BLK1)					Prepared: 5/23/2024 Analyzed: 6/5/2024					
2,4-D	<0.700	U	0.700	ug/L						
Silvex (2,4,5-TP)	<0.300	U	0.300	ug/L						
2,4,5-T	<0.236	U	0.236	ug/L						
Surrogate: DCAA-surr	S		34.8	ug/L	25.0		139	70-130		
BS HERB (BHE3887-BS1)										
					Prepared: 5/23/2024 Analyzed: 6/5/2024					
2,4-D	8.34	J1	0.700	ug/L	5.12		163	70-130		
Silvex (2,4,5-TP)	7.10	J1	0.300	ug/L	4.97		143	70-130		
2,4,5-T	8.88	J1	0.235	ug/L	5.17		172	70-130		
Surrogate: DCAA-surr	S		35.8	ug/L	24.9		144	70-130		
BSD HERB (BHE3887-BSD1)										
					Prepared: 5/23/2024 Analyzed: 6/5/2024					
2,4-D	8.13	J1	0.700	ug/L	5.07		160	70-130	2.50	30
Silvex (2,4,5-TP)	6.89	J1	0.300	ug/L	4.93		140	70-130	3.11	30
2,4,5-T	8.64	J1	0.233	ug/L	5.12		169	70-130	2.75	30
Surrogate: DCAA-surr	S		34.0	ug/L	24.6		138	70-130		
24D4801-02 MS (BHE3887-MS1)										
			Source: 24E4801-02		Prepared: 5/23/2024 Analyzed: 6/5/2024					
2,4-D	8.34	J1	0.700	ug/L	5.09	0.252	159	70-130		
Silvex (2,4,5-TP)	6.98	J1	0.300	ug/L	4.94	<0.300	141	70-130		
2,4,5-T	8.81	J1	0.233	ug/L	5.14	<0.233	171	70-130		
Surrogate: DCAA-surr	S		33.5	ug/L	24.7		136	70-130		
24D4801-02 MSD (BHE3887-MSD1)										
			Source: 24E4801-02		Prepared: 5/23/2024 Analyzed: 6/5/2024					
2,4-D	8.12	J1	0.700	ug/L	5.11	0.252	154	70-130	2.62	30
Silvex (2,4,5-TP)	6.82	J1	0.300	ug/L	4.96	<0.300	138	70-130	2.23	30
2,4,5-T	8.57	J1	0.234	ug/L	5.16	<0.234	166	70-130	2.70	30
Surrogate: DCAA-surr			31.4	ug/L	24.8		127	70-130		

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Quality Control
(Continued)

Organics by GC (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHE3895 - EPA 1657 SPE										
Blank (BHE3895-BLK1)					Prepared: 5/23/2024 Analyzed: 6/6/2024					
Azinphos-methyl (Guthion)	<0.100	U	0.100	ug/L						
Chlorpyrifos	<0.0501	U	0.0501	ug/L						
Demeton	<0.200	U	0.200	ug/L						
Diazinon	<0.501	U	0.501	ug/L						
Malathion	<0.100	U	0.100	ug/L						
Parathion, ethyl	<0.100	U	0.100	ug/L						
Surrogate: Tributyl Phosphate-surr	S		0.0459	ug/L	0.200		22.9	40-120		
Surrogate: Triphenyl Phosphate-surr	S		0.0196	ug/L	0.200		9.77	40-120		
LCS (BHE3895-BS1)					Prepared: 5/23/2024 Analyzed: 6/6/2024					
Azinphos-methyl (Guthion)	0.154		0.100	ug/L	0.250		61.7	37-150		
Chlorpyrifos	0.111	J1	0.0501	ug/L	0.250		44.4	48-150		
Demeton	0.0270	J1	0.200	ug/L	0.250		10.8	16-150		
Diazinon	0.142		0.501	ug/L	0.250		56.7	50-150		
Malathion	0.135		0.100	ug/L	0.250		54.0	50-150		
Parathion, ethyl	0.149		0.100	ug/L	0.250		59.4	50-150		
Surrogate: Tributyl Phosphate-surr			0.139	ug/L	0.200		69.4	40-120		
Surrogate: Triphenyl Phosphate-surr			0.0899	ug/L	0.200		44.9	40-120		
LCS Dup (BHE3895-BSD1)					Prepared: 5/23/2024 Analyzed: 6/6/2024					
Azinphos-methyl (Guthion)	0.175		0.100	ug/L	0.251		69.8	37-150	12.4	40
Chlorpyrifos	0.138		0.0501	ug/L	0.251		55.0	48-150	21.3	40
Demeton	0.0520	J1	0.201	ug/L	0.251		20.8	16-150	63.4	40
Diazinon	0.175		0.501	ug/L	0.251		69.8	50-150	20.7	40
Malathion	0.159		0.100	ug/L	0.251		63.4	50-150	16.2	40
Parathion, ethyl	0.173		0.100	ug/L	0.251		68.9	50-150	14.8	40
Surrogate: Tributyl Phosphate-surr			0.162	ug/L	0.201		80.8	40-120		
Surrogate: Triphenyl Phosphate-surr			0.103	ug/L	0.201		51.4	40-120		



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Quality Control
(Continued)

Organics by GC (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHE3895 - EPA 1657 SPE (Continued)										
Matrix Spike (BHE3895-MS1)			Source: 24E4801-02		Prepared: 5/23/2024 Analyzed: 6/6/2024					
Azinphos-methyl (Guthion)	<0.114	J1, U	0.114	ug/L	0.286	<0.114		25-150		
Chlorpyrifos	0.0515	J1	0.0572	ug/L	0.286	<0.0572	18.0	25-150		
Demeton	<0.229	J1, U	0.229	ug/L	0.286	<0.229		25-150		
Diazinon	<0.572	J1, U	0.572	ug/L	0.286	<0.572		25-150		
Malathion	<0.114	J1, U	0.114	ug/L	0.286	<0.114		25-150		
Parathion, ethyl	<0.114	J1, U	0.114	ug/L	0.286	<0.114		25-150		
<i>Surrogate: Tributyl Phosphate-surr</i>			<i>0.191</i>	<i>ug/L</i>	<i>0.229</i>		<i>83.7</i>	<i>40-120</i>		
<i>Surrogate: Triphenyl Phosphate-surr</i>			<i>0.114</i>	<i>ug/L</i>	<i>0.229</i>		<i>50.0</i>	<i>40-120</i>		
Matrix Spike Dup (BHE3895-MSD1)			Source: 24E4801-02		Prepared: 5/23/2024 Analyzed: 6/6/2024					
Azinphos-methyl (Guthion)	<0.107	J1, U	0.107	ug/L	0.268	<0.107		25-150		40
Chlorpyrifos	0.0462	J1	0.0537	ug/L	0.268	<0.0537	17.2	25-150	10.9	40
Demeton	<0.215	J1, U	0.215	ug/L	0.268	<0.215		25-150		40
Diazinon	<0.537	J1, U	0.537	ug/L	0.268	<0.537		25-150		40
Malathion	<0.107	J1, U	0.107	ug/L	0.268	<0.107		25-150		40
Parathion, ethyl	<0.107	J1, U	0.107	ug/L	0.268	<0.107		25-150		40
<i>Surrogate: Tributyl Phosphate-surr</i>			<i>0.176</i>	<i>ug/L</i>	<i>0.215</i>		<i>81.8</i>	<i>40-120</i>		
<i>Surrogate: Triphenyl Phosphate-surr</i>			<i>0.106</i>	<i>ug/L</i>	<i>0.215</i>		<i>49.3</i>	<i>40-120</i>		

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Quality Control
(Continued)

Metals, Total

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHE2360 - EPA 1631										
Blank (BHE2360-BLK1)					Prepared: 5/15/2024 Analyzed: 6/17/2024					
Mercury	<0.00500	U	0.00500	ug/L						
Blank (BHE2360-BLK2)					Prepared: 5/15/2024 Analyzed: 6/17/2024					
Mercury	<0.00500	U	0.00500	ug/L						
Blank (BHE2360-BLK3)					Prepared: 5/15/2024 Analyzed: 6/17/2024					
Mercury	<0.00500	U	0.00500	ug/L						
Matrix Spike (BHE2360-MS1)					Source: 24D3982-02 Prepared: 5/15/2024 Analyzed: 6/17/2024					
Mercury	<0.00526	J1, U	0.00526	ug/L	0.0526	<0.00526		71-125		
Matrix Spike Dup (BHE2360-MSD1)					Source: 24D3982-02 Prepared: 5/15/2024 Analyzed: 6/17/2024					
Mercury	<0.00526	J1, U	0.00526	ug/L	0.0526	<0.00526		71-125		24
Batch: BHE2833 - EPA 1631										
Blank (BHE2833-BLK1)					Prepared: 5/16/2024 Analyzed: 6/18/2024					
Mercury	<0.00500	U	0.00500	ug/L						
Blank (BHE2833-BLK2)					Prepared: 5/16/2024 Analyzed: 6/18/2024					
Mercury	<0.00500	U	0.00500	ug/L						
Blank (BHE2833-BLK3)					Prepared: 5/16/2024 Analyzed: 6/18/2024					
Mercury	<0.00500	U	0.00500	ug/L						
Matrix Spike (BHE2833-MS1)					Source: 24D3980-02 Prepared: 5/16/2024 Analyzed: 6/18/2024					
Mercury	<0.00526	J1, U	0.00526	ug/L	0.0526	<0.00526		71-125		

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Quality Control
(Continued)

Metals, Total (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
---------	--------	------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------

Batch: BHE2833 - EPA 1631 (Continued)

Matrix Spike Dup (BHE2833-MSD1)

Source: 24D3980-02

Prepared: 5/16/2024 Analyzed: 6/18/2024

Mercury	<0.00526	J1, U	0.00526	ug/L	0.0526	<0.00526		71-125		24
---------	----------	-------	---------	------	--------	----------	--	--------	--	----

Batch: BHE3078 - EPA 1631

Blank (BHE3078-BLK1)

Prepared: 5/17/2024 Analyzed: 5/30/2024

Mercury	<0.00500	U	0.00500	ug/L						
---------	----------	---	---------	------	--	--	--	--	--	--

Blank (BHE3078-BLK2)

Prepared: 5/17/2024 Analyzed: 5/30/2024

Mercury	<0.00500	U	0.00500	ug/L						
---------	----------	---	---------	------	--	--	--	--	--	--

Blank (BHE3078-BLK3)

Prepared: 5/17/2024 Analyzed: 5/30/2024

Mercury	<0.00500	U	0.00500	ug/L						
---------	----------	---	---------	------	--	--	--	--	--	--

Matrix Spike (BHE3078-MS1)

Source: 24D3979-02

Prepared: 5/17/2024 Analyzed: 5/30/2024

Mercury	0.00550	J1	0.00526	ug/L	0.0526	<0.00526	10.5	71-125		
---------	---------	----	---------	------	--------	----------	------	--------	--	--

Matrix Spike Dup (BHE3078-MSD1)

Source: 24D3979-02

Prepared: 5/17/2024 Analyzed: 5/30/2024

Mercury	0.00454	J1	0.00526	ug/L	0.0526	<0.00526	8.63	71-125	19.2	24
---------	---------	----	---------	------	--------	----------	------	--------	------	----

Batch: BHE3255 - EPA 200.8

Blank (BHE3255-BLK1)

Prepared: 5/20/2024 Analyzed: 5/21/2024

Aluminum	0.000979		0.00625	mg/L						
Antimony	0.000235		0.00200	mg/L						
Barium	<0.00300	U	0.00300	mg/L						
Beryllium	<0.000200	U	0.000200	mg/L						
Cadmium	<0.00200	U	0.00200	mg/L						
Chromium	<0.00600	U	0.00600	mg/L						
Copper	0.000282		0.00200	mg/L						
Lead	<0.00100	U	0.00100	mg/L						
Molybdenum	2.50E-5		0.00100	mg/L						
Nickel	<0.00200	U	0.00200	mg/L						
Selenium	<0.00500	U	0.00500	mg/L						
Silver	<0.000500	U	0.000500	mg/L						
Thallium	<0.000500	U	0.000500	mg/L						
Zinc	<0.00400	U	0.00400	mg/L						

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Quality Control
(Continued)

Metals, Total (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit
---------	--------	------	--------------------	-------	----------------	------------------	----------------	-----	--------------

Batch: BHE3255 - EPA 200.8 (Continued)

Blank (BHE3255-BLK2)

Prepared: 5/20/2024 Analyzed: 5/22/2024

Arsenic	<0.000500	U	0.000500	mg/L
---------	-----------	---	----------	------

LCS (BHE3255-BS1)

Prepared: 5/20/2024 Analyzed: 5/21/2024

Aluminum	0.251		0.00500	mg/L	0.250	100	85-115
Antimony	0.0973		0.00200	mg/L	0.100	97.3	85-115
Barium	0.291		0.00300	mg/L	0.300	97.1	85-115
Beryllium	0.0201		0.000200	mg/L	0.0200	100	85-115
Cadmium	0.101		0.00200	mg/L	0.100	101	85-115
Chromium	0.299		0.00600	mg/L	0.300	99.8	85-115
Copper	0.103		0.00200	mg/L	0.100	103	85-115
Lead	0.0487		0.00100	mg/L	0.0500	97.4	85-115
Molybdenum	0.101		0.00100	mg/L	0.100	101	85-115
Nickel	0.102		0.00200	mg/L	0.100	102	85-115
Selenium	0.212		0.00500	mg/L	0.200	106	85-115
Silver	0.0520		0.000500	mg/L	0.0500	104	85-115
Thallium	0.0500		0.000500	mg/L	0.0500	99.9	85-115
Zinc	0.211		0.00400	mg/L	0.200	106	85-115

LCS (BHE3255-BS2)

Prepared: 5/20/2024 Analyzed: 5/22/2024

Arsenic	0.0534		0.000500	mg/L	0.0500	107	85-115
---------	--------	--	----------	------	--------	-----	--------

Duplicate (BHE3255-DUP1)

Source: 24E2148-02

Prepared: 5/20/2024 Analyzed: 5/21/2024

Aluminum	0.0205		0.00625	mg/L	0.0194	5.28	20
Antimony	0.000637		0.00200	mg/L	0.000629	1.26	20
Barium	0.130		0.00300	mg/L	0.123	5.69	20
Beryllium	<0.000200	U	0.000200	mg/L	<0.000200		20
Cadmium	<0.00200	U	0.00200	mg/L	<0.00200		20
Chromium	0.000349		0.00600	mg/L	0.000297	16.1	20
Copper	0.0102		0.00200	mg/L	0.0104	2.00	20
Lead	6.50E-5		0.00100	mg/L	5.80E-5	11.4	20
Molybdenum	0.00167		0.00100	mg/L	0.00165	1.21	20
Nickel	0.00144		0.00200	mg/L	0.00149	3.82	20
Selenium	0.000499		0.00500	mg/L	0.000495	0.805	20
Silver	7.00E-6		0.000500	mg/L	5.00E-6	33.3	20
Thallium	<0.000500	U	0.000500	mg/L	<0.000500		20
Zinc	0.0309		0.00400	mg/L	0.0302	2.27	20



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Quality Control
(Continued)

Metals, Total (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHE3255 - EPA 200.8 (Continued)										
Duplicate (BHE3255-DUP2)			Source: 24E3603-02		Prepared: 5/20/2024 Analyzed: 5/21/2024					
Aluminum	0.0238		0.00625	mg/L		0.0224			6.14	20
Antimony	0.000622		0.00200	mg/L		0.000633			1.75	20
Barium	0.118		0.00300	mg/L		0.123			3.98	20
Beryllium	<0.000200	U	0.000200	mg/L		<0.000200				20
Cadmium	2.10E-5		0.00200	mg/L		2.90E-5			32.0	20
Chromium	0.000254		0.00600	mg/L		0.000230			9.92	20
Copper	0.0105		0.00200	mg/L		0.0106			0.835	20
Lead	0.000206		0.00100	mg/L		0.000217			5.20	20
Molybdenum	0.00172		0.00100	mg/L		0.00170			1.29	20
Nickel	0.00182		0.00200	mg/L		0.00187			2.33	20
Selenium	<0.00500	U	0.00500	mg/L		0.000472			200	20
Silver	6.00E-6		0.000500	mg/L		<0.000500			200	20
Thallium	<0.000500	U	0.000500	mg/L		<0.000500				20
Zinc	0.0536		0.00400	mg/L		0.0561			4.54	20
Duplicate (BHE3255-DUP3)										
			Source: 24E2148-02		Prepared: 5/20/2024 Analyzed: 5/22/2024					
Arsenic	0.00144		0.000500	mg/L		0.00142			1.05	20
Duplicate (BHE3255-DUP4)										
			Source: 24E3603-02		Prepared: 5/20/2024 Analyzed: 5/22/2024					
Arsenic	0.00183		0.000500	mg/L		0.00196			6.90	20
Matrix Spike (BHE3255-MS1)										
			Source: 24E2148-02		Prepared: 5/20/2024 Analyzed: 5/21/2024					
Aluminum	0.274		0.00500	mg/L	0.250	0.0194	102	75-125		
Antimony	0.111		0.00200	mg/L	0.100	0.000629	111	75-125		
Barium	0.421		0.00300	mg/L	0.300	0.123	99.6	75-125		
Beryllium	0.0188		0.000200	mg/L	0.0200	<0.000200	93.9	75-125		
Cadmium	0.0991		0.00200	mg/L	0.100	<0.00200	99.1	75-125		
Chromium	0.291		0.00600	mg/L	0.300	0.000297	96.8	75-125		
Copper	0.106		0.00200	mg/L	0.100	0.0104	96.0	75-125		
Lead	0.0484		0.00100	mg/L	0.0500	5.80E-5	96.7	75-125		
Molybdenum	0.114		0.00100	mg/L	0.100	0.00165	112	75-125		
Nickel	0.0957		0.00200	mg/L	0.100	0.00149	94.2	75-125		
Selenium	0.208		0.00500	mg/L	0.200	0.000495	104	75-125		
Silver	0.0502		0.000500	mg/L	0.0500	5.00E-6	100	75-125		
Thallium	0.0482		0.000500	mg/L	0.0500	<0.000500	96.4	75-125		
Zinc	0.235		0.00400	mg/L	0.200	0.0302	103	75-125		

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Quality Control
(Continued)

Metals, Total (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
---------	--------	------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------

Batch: BHE3255 - EPA 200.8 (Continued)

Matrix Spike (BHE3255-MS2)

Source: 24E3603-02

Prepared: 5/20/2024 Analyzed: 5/21/2024

Aluminum	0.0258	J1	0.00500	mg/L	0.250	0.0224	1.37	75-125		
Antimony	0.000599	J1	0.00200	mg/L	0.100	0.000633	NR	75-125		
Barium	0.110	J1	0.00300	mg/L	0.300	0.123	NR	75-125		
Beryllium	<0.000200	J1, U	0.000200	mg/L	0.0200	<0.000200		75-125		
Cadmium	2.60E-5	J1	0.00200	mg/L	0.100	2.90E-5	NR	75-125		
Chromium	0.000264	J1	0.00600	mg/L	0.300	0.000230	0.0113	75-125		
Copper	0.0102	J1	0.00200	mg/L	0.100	0.0106	NR	75-125		
Lead	0.000186	J1	0.00100	mg/L	0.0500	0.000217	NR	75-125		
Molybdenum	0.00181	J1	0.00100	mg/L	0.100	0.00170	0.108	75-125		
Nickel	0.00170	J1	0.00200	mg/L	0.100	0.00187	NR	75-125		
Selenium	<0.000500	J1, U	0.00500	mg/L	0.200	0.000472	NR	75-125		
Silver	9.00E-6	J1	0.000500	mg/L	0.0500	<0.000500	0.0180	75-125		
Thallium	<0.000500	J1, U	0.000500	mg/L	0.0500	<0.000500		75-125		
Zinc	0.0500	J1	0.00400	mg/L	0.200	0.0561	NR	75-125		

Matrix Spike (BHE3255-MS3)

Source: 24E2148-02

Prepared: 5/20/2024 Analyzed: 5/22/2024

Arsenic	0.0558		0.000500	mg/L	0.0500	0.00142	109	75-125		
---------	--------	--	----------	------	--------	---------	-----	--------	--	--

Matrix Spike (BHE3255-MS4)

Source: 24E3603-02

Prepared: 5/20/2024 Analyzed: 5/22/2024

Arsenic	0.00175	J1	0.000500	mg/L	0.0500	0.00196	NR	75-125		
---------	---------	----	----------	------	--------	---------	----	--------	--	--

Batch: BHE3621 - EPA 200.8

Blank (BHE3621-BLK1)

Prepared: 5/22/2024 Analyzed: 5/23/2024

Barium	<0.00300	U	0.00300	mg/L						
Beryllium	<0.000200	U	0.000200	mg/L						
Cadmium	<0.00100	U	0.00100	mg/L						
Copper	0.000262		0.00200	mg/L						
Lead	<0.000500	U	0.000500	mg/L						
Molybdenum	<0.00100	U	0.00100	mg/L						
Nickel	<0.00200	U	0.00200	mg/L						
Selenium	<0.00500	U	0.00500	mg/L						
Silver	<0.000500	U	0.000500	mg/L						
Thallium	<0.000500	U	0.000500	mg/L						



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Quality Control
(Continued)

Metals, Total (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit
Batch: BHE3621 - EPA 200.8 (Continued)									
Blank (BHE3621-BLK2)					Prepared: 5/22/2024 Analyzed: 5/24/2024				
Arsenic	<0.000500	U	0.000500	mg/L					
Blank (BHE3621-BLK3)					Prepared: 5/22/2024 Analyzed: 5/30/2024				
Aluminum	0.00232		0.00625	mg/L					
Arsenic	0.000345		0.000500	mg/L					
Chromium	<0.00300	U	0.00300	mg/L					
Zinc	0.000817		0.00500	mg/L					
Blank (BHE3621-BLK4)					Prepared: 5/22/2024 Analyzed: 6/3/2024				
Antimony	0.000413		0.00100	mg/L					
LCS (BHE3621-BS1)					Prepared: 5/22/2024 Analyzed: 5/23/2024				
Barium	0.306		0.00300	mg/L	0.300		102	85-115	
Beryllium	0.0193		0.000200	mg/L	0.0200		96.4	85-115	
Cadmium	0.102		0.00100	mg/L	0.100		102	85-115	
Copper	0.106		0.00200	mg/L	0.100		106	85-115	
Lead	0.0515		0.000500	mg/L	0.0500		103	85-115	
Molybdenum	0.105		0.00100	mg/L	0.100		105	85-115	
Nickel	0.106		0.00200	mg/L	0.100		106	85-115	
Selenium	0.209		0.00500	mg/L	0.200		104	85-115	
Silver	0.0546		0.000500	mg/L	0.0500		109	85-115	
Thallium	0.0524		0.000500	mg/L	0.0500		105	85-115	
LCS (BHE3621-BS2)					Prepared: 5/22/2024 Analyzed: 5/24/2024				
Arsenic	0.0515		0.000500	mg/L	0.0500		103	85-115	
LCS (BHE3621-BS3)					Prepared: 5/22/2024 Analyzed: 5/30/2024				
Aluminum	0.272		0.00500	mg/L	0.250		109	85-115	
Arsenic	0.0551		0.000500	mg/L	0.0500		110	85-115	
Chromium	0.332		0.00300	mg/L	0.300		111	85-115	
Zinc	0.218		0.00200	mg/L	0.200		109	85-115	

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Quality Control
(Continued)

Metals, Total (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHE3621 - EPA 200.8 (Continued)										
LCS (BHE3621-BS4)										
Antimony	0.115		0.00100	mg/L	0.100		115	85-115		
Duplicate (BHE3621-DUP1)										
			Source: 24E4348-01		Prepared: 5/22/2024 Analyzed: 5/23/2024					
Barium	0.107		0.00300	mg/L		0.0986		7.78		20
Beryllium	1.40E-5		0.000200	mg/L		1.60E-5		13.3		20
Cadmium	0.000563		0.00100	mg/L		0.000524		7.18		20
Copper	0.00354		0.00200	mg/L		0.00308		14.1		20
Lead	0.000470		0.000500	mg/L		0.000436		7.51		20
Molybdenum	0.00230		0.00100	mg/L		0.00214		7.07		20
Nickel	0.00171		0.00200	mg/L		0.00155		9.45		20
Selenium	0.00147		0.00500	mg/L		0.00135		8.94		20
Silver	<0.000500	U	0.000500	mg/L		<0.000500				20
Thallium	<0.000500	U	0.000500	mg/L		<0.000500				20
Duplicate (BHE3621-DUP2)										
			Source: 24E4348-01		Prepared: 5/22/2024 Analyzed: 5/24/2024					
Arsenic	0.000395		0.000500	mg/L		0.000386		2.30		20
Duplicate (BHE3621-DUP3)										
			Source: 24E4348-01		Prepared: 5/22/2024 Analyzed: 5/30/2024					
Aluminum	0.0992		0.00625	mg/L		0.0849		15.5		20
Arsenic	0.00114		0.000500	mg/L		0.000386		98.6		20
Chromium	0.000535		0.00300	mg/L		0.000385		32.6		20
Zinc	0.0602		0.00500	mg/L		0.0559		7.42		20
Duplicate (BHE3621-DUP4)										
			Source: 24E4348-01		Prepared: 5/22/2024 Analyzed: 6/3/2024					
Antimony	0.000859		0.00100	mg/L		0.000812		5.63		20
MRL Check (BHE3621-MRL1)										
			Prepared: 5/22/2024 Analyzed: 5/23/2024							
Barium	<0.00300	U	0.00300	mg/L				50-150		
Beryllium	<0.000200	U	0.000200	mg/L				50-150		
Cadmium	<0.00100	U	0.00100	mg/L				50-150		
Copper	0.00241		0.00200	mg/L	0.00200		120	50-150		
Lead	0.000386		0.000500	mg/L	0.000500		77.2	50-150		
Molybdenum	<0.00100	U	0.00100	mg/L				50-150		
Nickel	<0.00200	U	0.00200	mg/L				50-150		
Selenium	<0.00500	U	0.00500	mg/L				50-150		
Silver	<0.000500	U	0.000500	mg/L				50-150		
Thallium	<0.000500	U	0.000500	mg/L				50-150		

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Quality Control
(Continued)

Metals, Total (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHE3621 - EPA 200.8 (Continued)										
MRL Check (BHE3621-MRL2)										
Arsenic	<0.000500	U	0.000500	mg/L				50-150		
Prepared: 5/22/2024 Analyzed: 5/24/2024										
MRL Check (BHE3621-MRL3)										
Aluminum	0.00220		0.00625	mg/L				50-150		
Arsenic	<0.000500	U	0.000500	mg/L				50-150		
Chromium	0.000134		0.00300	mg/L				50-150		
Zinc	0.000765		0.00500	mg/L				50-150		
Prepared: 5/22/2024 Analyzed: 5/30/2024										
MRL Check (BHE3621-MRL4)										
Antimony	0.000406		0.00100	mg/L				50-150		
Prepared: 5/22/2024 Analyzed: 6/3/2024										
Matrix Spike (BHE3621-MS1)										
			Source: 24E4348-01			Prepared: 5/22/2024 Analyzed: 5/23/2024				
Barium	0.416		0.00300	mg/L	0.300	0.0986	106	75-125		
Beryllium	0.0178		0.000200	mg/L	0.0200	1.60E-5	88.9	75-125		
Cadmium	0.103		0.00100	mg/L	0.100	0.000524	102	75-125		
Copper	0.0991		0.00200	mg/L	0.100	0.00308	96.0	75-125		
Lead	0.0512		0.000500	mg/L	0.0500	0.000436	102	75-125		
Molybdenum	0.105		0.00100	mg/L	0.100	0.00214	103	75-125		
Nickel	0.0926		0.00200	mg/L	0.100	0.00155	91.0	75-125		
Selenium	0.208		0.00500	mg/L	0.200	0.00135	103	75-125		
Silver	0.0530		0.000500	mg/L	0.0500	<0.000500	106	75-125		
Thallium	0.0531		0.000500	mg/L	0.0500	<0.000500	106	75-125		
Prepared: 5/22/2024 Analyzed: 5/24/2024										
Matrix Spike (BHE3621-MS2)										
			Source: 24E4348-01			Prepared: 5/22/2024 Analyzed: 5/24/2024				
Arsenic	0.0526		0.000500	mg/L	0.0500	0.000386	104	75-125		
Prepared: 5/22/2024 Analyzed: 5/30/2024										
Matrix Spike (BHE3621-MS3)										
			Source: 24E4348-01			Prepared: 5/22/2024 Analyzed: 5/30/2024				
Aluminum	0.466	J1	0.00500	mg/L	0.250	0.0849	153	75-125		
Arsenic	0.0573		0.000500	mg/L	0.0500	0.000386	114	75-125		
Chromium	0.328		0.00300	mg/L	0.300	0.000385	109	75-125		
Zinc	0.301		0.00200	mg/L	0.200	0.0559	122	75-125		

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Quality Control
(Continued)

Metals, Total (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
---------	--------	------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------

Batch: BHE3621 - EPA 200.8 (Continued)

Matrix Spike (BHE3621-MS4)

Source: 24E4348-01

Prepared: 5/22/2024 Analyzed: 6/3/2024

Antimony	0.118		0.00100	mg/L	0.100	0.000812	117	75-125		
----------	-------	--	---------	------	-------	----------	-----	--------	--	--

Batch: BHE3885 - EPA 1631

Blank (BHE3885-BLK1)

Prepared: 5/23/2024 Analyzed: 5/30/2024

Mercury	<0.00500	U	0.00500	ug/L						
---------	----------	---	---------	------	--	--	--	--	--	--

Blank (BHE3885-BLK2)

Prepared: 5/23/2024 Analyzed: 5/30/2024

Mercury	<0.00500	U	0.00500	ug/L						
---------	----------	---	---------	------	--	--	--	--	--	--

Blank (BHE3885-BLK3)

Prepared: 5/23/2024 Analyzed: 5/30/2024

Mercury	<0.00500	U	0.00500	ug/L						
---------	----------	---	---------	------	--	--	--	--	--	--

Matrix Spike (BHE3885-MS1)

Source: 24D3975-02

Prepared: 5/23/2024 Analyzed: 5/30/2024

Mercury	0.00574	J1	0.00526	ug/L	0.0526	<0.00526	10.9	71-125		
---------	---------	----	---------	------	--------	----------	------	--------	--	--

Matrix Spike Dup (BHE3885-MSD1)

Source: 24D3975-02

Prepared: 5/23/2024 Analyzed: 5/30/2024

Mercury	0.00512	J1	0.00526	ug/L	0.0526	<0.00526	9.74	71-125	11.4	24
---------	---------	----	---------	------	--------	----------	------	--------	------	----

Batch: BHE3886 - EPA 1631

Blank (BHE3886-BLK1)

Prepared: 5/23/2024 Analyzed: 5/30/2024

Mercury	<0.00500	U	0.00500	ug/L						
---------	----------	---	---------	------	--	--	--	--	--	--

Blank (BHE3886-BLK2)

Prepared: 5/23/2024 Analyzed: 5/30/2024

Mercury	<0.00500	U	0.00500	ug/L						
---------	----------	---	---------	------	--	--	--	--	--	--



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Quality Control
(Continued)

Metals, Total (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHE3886 - EPA 1631 (Continued)										
Blank (BHE3886-BLK3)										
Mercury	<0.00500	U	0.00500	ug/L						
Prepared: 5/23/2024 Analyzed: 5/30/2024										
Matrix Spike (BHE3886-MS1)										
			Source: 24D3974-02							
Mercury	0.00613	J1	0.00526	ug/L	0.0526	<0.00526	11.6	71-125		
Prepared: 5/23/2024 Analyzed: 5/30/2024										
Matrix Spike Dup (BHE3886-MSD1)										
			Source: 24D3974-02							
Mercury	0.00576	J1	0.00526	ug/L	0.0526	<0.00526	10.9	71-125	6.21	24

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Quality Control
(Continued)

Metals, Dissolved

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHE1348 - Cr VI										
Matrix Spike (BHE1348-MS1)										
			Source: 24D0969-02		Prepared & Analyzed: 5/16/2024					
Chromium (VI)	0.244		0.00300	mg/L	0.250	0.0135	92.3	70-130		
Matrix Spike Dup (BHE1348-MSD1)										
			Source: 24D0969-02		Prepared & Analyzed: 5/16/2024					
Chromium (VI)	0.244		0.00300	mg/L	0.250	0.0135	92.1	70-130	0.234	20
Batch: BHE3638 - Cr VI										
Matrix Spike (BHE3638-MS1)										
			Source: 24E4801-02		Prepared & Analyzed: 5/22/2024					
Chromium (VI)	0.162	J1	0.00300	mg/L	0.250	0.0165	58.1	70-130		
Matrix Spike Dup (BHE3638-MSD1)										
			Source: 24E4801-02		Prepared & Analyzed: 5/22/2024					
Chromium (VI)	0.171	J1	0.00300	mg/L	0.250	0.0165	61.6	70-130	5.28	20

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Quality Control
(Continued)

General Chemistry

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHE2481 - EPA 300.0										
Duplicate (BHE2481-DUP1)		Source: 24E3547-01			Prepared & Analyzed: 5/15/2024					
Fluoride	0.702		0.250	mg/L		0.705			0.426	15
Nitrate as N	19.3		0.500	mg/L		19.5			0.978	15
Duplicate (BHE2481-DUP2)		Source: 24E2870-02			Prepared & Analyzed: 5/16/2024					
Nitrate as N	32.5		1.00	mg/L		32.1			1.27	15
Fluoride	0.142		0.250	mg/L		0.149			4.81	15
MRL Check (BHE2481-MRL1)					Prepared & Analyzed: 5/15/2024					
Nitrate as N	0.107		0.100	mg/L	0.100		107	50-150		
Fluoride	0.264		0.250	mg/L	0.250		106	50-150		
Matrix Spike (BHE2481-MS1)		Source: 24E3547-01			Prepared & Analyzed: 5/15/2024					
Fluoride	5.60		0.278	mg/L	5.56	0.705	88.2	80-120		
Nitrate as N	21.5		0.556	mg/L	2.22	19.5	90.4	80-120		
Matrix Spike (BHE2481-MS2)		Source: 24E2870-02			Prepared & Analyzed: 5/16/2024					
Nitrate as N	34.4		1.11	mg/L	2.22	32.1	103	80-120		
Fluoride	4.94		0.278	mg/L	5.56	0.149	86.2	80-120		
Batch: BHE3102 - EPA 300.0										
Duplicate (BHE3102-DUP1)		Source: 24E4179-02			Prepared & Analyzed: 5/17/2024					
Fluoride	0.428		0.250	mg/L		0.431			0.698	15
Duplicate (BHE3102-DUP2)		Source: 24E3566-02			Prepared & Analyzed: 5/18/2024					
Fluoride	0.424		0.250	mg/L		0.423			0.236	15

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Quality Control
(Continued)

General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHE3102 - EPA 300.0 (Continued)										
MRL Check (BHE3102-MRL1)					Prepared & Analyzed: 5/17/2024					
Fluoride	0.263		0.250	mg/L	0.250		105	50-150		
Matrix Spike (BHE3102-MS1)					Source: 24E4179-02 Prepared & Analyzed: 5/17/2024					
Fluoride	5.46		0.278	mg/L	5.56	0.431	90.5	80-120		
Matrix Spike (BHE3102-MS2)					Source: 24E3566-02 Prepared & Analyzed: 5/18/2024					
Fluoride	5.37		0.278	mg/L	5.56	0.423	89.1	80-120		
Batch: BHE3214 - EPA 300.0										
Duplicate (BHE3214-DUP1)					Source: 24D0481-01RE2 Prepared & Analyzed: 5/18/2024					
Fluoride	1.14		0.250	mg/L		1.14			0.614	15
Duplicate (BHE3214-DUP2)					Source: 24E4338-01 Prepared & Analyzed: 5/18/2024					
Fluoride	0.336	J1	0.250	mg/L		0.277			19.2	15
MRL Check (BHE3214-MRL1)					Prepared & Analyzed: 5/18/2024					
Fluoride	0.299		0.250	mg/L	0.250		120	50-150		
Matrix Spike (BHE3214-MS1)					Source: 24D0481-01RE2 Prepared & Analyzed: 5/18/2024					
Fluoride	6.49		0.278	mg/L	5.56	1.14	96.2	80-120		
Matrix Spike (BHE3214-MS2)					Source: 24E4338-01 Prepared & Analyzed: 5/18/2024					
Fluoride	5.79		0.278	mg/L	5.56	0.277	99.3	80-120		
Batch: BHE3592 - EPA 300.0										
Duplicate (BHE3592-DUP1)					Source: 24E2953-01 Prepared & Analyzed: 5/22/2024					
Nitrate as N	<0.100	U	0.100	mg/L		<0.100				15
Fluoride	0.936		0.250	mg/L		0.950			1.48	15

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Quality Control
(Continued)

General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BHE3592 - EPA 300.0 (Continued)										
MRL Check (BHE3592-MRL1)					Prepared & Analyzed: 5/21/2024					
Nitrate as N	0.128		0.100	mg/L	0.100		128	50-150		
Fluoride	0.316		0.250	mg/L	0.250		126	50-150		
Matrix Spike (BHE3592-MS1)					Source: 24E2953-01		Prepared & Analyzed: 5/22/2024			
Fluoride	6.33		0.278	mg/L	5.56	0.950	96.8	80-120		
Nitrate as N	2.16		0.111	mg/L	2.22	<0.111	97.3	80-120		
Batch: BHE3955 - EPA 300.0										
Duplicate (BHE3955-DUP1)					Source: 24D0494-01		Prepared & Analyzed: 5/23/2024			
Nitrate as N	<0.100	U	0.100	mg/L	<0.100				15	
MRL Check (BHE3955-MRL1)					Prepared & Analyzed: 5/23/2024					
Nitrate as N	0.126		0.100	mg/L	0.100		126	50-150		
Matrix Spike (BHE3955-MS1)					Source: 24D0494-01		Prepared & Analyzed: 5/23/2024			
Nitrate as N	2.17		0.111	mg/L	2.22	<0.111	97.7	80-120		

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Sample Condition Checklist

Work Order: 24D3974

Check Points

No	Custody Seals
Yes	Containers Intact
Yes	COC/Labels Agree
No	Received On Ice
Yes	Appropriate Containers
Yes	Appropriate Sample Volume
Yes	Coolers Intact
Yes	Samples Accepted

Work Order: 24D3975

Check Points

Yes	Custody Seals
Yes	Containers Intact
Yes	COC/Labels Agree
No	Received On Ice
Yes	Appropriate Containers
Yes	Appropriate Sample Volume
Yes	Coolers Intact
Yes	Samples Accepted

Work Order: 24D3976

Check Points

No	Custody Seals
Yes	Containers Intact
Yes	COC/Labels Agree
No	Received On Ice
Yes	Appropriate Containers
Yes	Appropriate Sample Volume
Yes	Coolers Intact
Yes	Samples Accepted

* A = Accredited, N = Not Accredited or Accreditation not available



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Work Order: 24D3977

Check Points

No	Custody Seals
Yes	Containers Intact
Yes	COC/Labels Agree
No	Received On Ice
Yes	Appropriate Containers
Yes	Appropriate Sample Volume
Yes	Coolers Intact
Yes	Samples Accepted

Work Order: 24D3978

Check Points

No	Custody Seals
Yes	Containers Intact
Yes	COC/Labels Agree
No	Received On Ice
Yes	Appropriate Containers
Yes	Appropriate Sample Volume
Yes	Coolers Intact
Yes	Samples Accepted

Work Order: 24D3979

Check Points

No	Custody Seals
Yes	Containers Intact
Yes	COC/Labels Agree
Yes	Received On Ice
Yes	Appropriate Containers
Yes	Appropriate Sample Volume
Yes	Coolers Intact
Yes	Samples Accepted



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Work Order: 24D3980

Check Points

No	Custody Seals
Yes	Containers Intact
Yes	COC/Labels Agree
Yes	Received On Ice
Yes	Appropriate Containers
Yes	Appropriate Sample Volume
Yes	Coolers Intact
Yes	Samples Accepted

Work Order: 24D3981

Check Points

No	Custody Seals
Yes	Containers Intact
Yes	COC/Labels Agree
Yes	Received On Ice
Yes	Appropriate Containers
Yes	Appropriate Sample Volume
Yes	Coolers Intact
Yes	Samples Accepted

Work Order: 24D3982

Check Points

No	Custody Seals
Yes	Containers Intact
Yes	COC/Labels Agree
Yes	Received On Ice
Yes	Appropriate Containers
Yes	Appropriate Sample Volume
Yes	Coolers Intact
Yes	Samples Accepted



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Work Order: 24D3983

Check Points

No	Custody Seals
Yes	Containers Intact
Yes	COC/Labels Agree
Yes	Received On Ice
Yes	Appropriate Containers
Yes	Appropriate Sample Volume
Yes	Coolers Intact
Yes	Samples Accepted

Work Order: 24D3984

Check Points

No	Custody Seals
Yes	Containers Intact
Yes	COC/Labels Agree
No	Received On Ice
Yes	Appropriate Containers
Yes	Appropriate Sample Volume
Yes	Coolers Intact
Yes	Samples Accepted

Work Order: 24D3985

Check Points

No	Custody Seals
Yes	Containers Intact
Yes	COC/Labels Agree
Yes	Received On Ice
Yes	Appropriate Containers
Yes	Appropriate Sample Volume
Yes	Coolers Intact
Yes	Samples Accepted



City of Victoria
702 Main Street
Victoria, TX 77901

Reported:
11/14/2024 08:10

Term and Qualifier Definitions

Item	Definition
B	Analyte was found in the associated method blank.
C+	The associated calibration QC is higher than the established quality control criteria for accuracy - no hit in sample; data not affected and acceptable to report.
CQ	No internal standard added due to analyst error; re-ran in SHE0539
HR	The rerun parameter was analyzed outside the method specified holding time.
J1	Estimated value - The reported value is outside the established quality control criteria for accuracy and/or precision.
S	The surrogate recovery was outside the established laboratory recovery limit.
U	Non-detected compound.
RPD	Relative Percent Difference
%REC	Percent Recovery
Source	Sample that was matrix spiked or duplicated
*	A = Accredited, N = Not Accredited or Accreditation not available
DF	Dilution Factor - the factor applied to the reported data due to sample preparation, dilution, or moisture content
MDL	Method Detection Limit - The minimum concentration of a substance (or analyte) that can be measured and reported with 99% confidence that the analyte concentration is greater than zero. Based on standard deviation of replicate spiked samples take through all steps of the analytical procedure following 40 CFR Part 136 Appendix B.
SDL	Sample Detection Limit - The minimum concentration of a substance (analyte) that can be measured and reported with 99% confidence that the analyte concentration is greater than zero. The SDL is an adjusted limit thus sample specific and accounts for preparation weights and volumes, dilutions, and moisture content of soil/sediments. If there are no sample specific parameters, the MDL = SDL.
MRL	Method Reporting Limit - Analyte concentration that corresponds to the lowest level lab reports with confidence in accuracy of quantitation and without qualification (i.e. J-flagged). The MRL is at or above the lowest calibration standard.
LRL	Laboratory Reporting Limit - Analyte concentration that corresponds to the lowest level lab reports with confidence in accuracy of quantitation and without qualification (i.e. J-flagged). The LRL is an adjusted limit thus sample specific and accounts for preparation weights and volumes, dilutions, and moisture content of soil/sediments. If there are no sample specific parameters, the MRL = LRL.

* A = Accredited, N = Not Accredited or Accreditation not available



CHAIN OF CUSTODY RECORD

North Water District Laboratory Services
130 S. Trade Center Pkwy, Conroe Tx 77385
(936) 321-6060 - lab@nwdls.com



Page 1 of 1

24D3974

TCEQ TX-C24-00086

City of Victoria Josh Marquez 702 Main Street Victoria, TX 77901 Phone: (361) 485-3260	Project Name : Odem Street WWTP - Table 2&3 - Outfall 001- Grab 1	Schedule Comments:
Project Comments: PICK UP-DROP OFF AT REGIONAL PLANT - 923 US Hwy 59 S - Victoria 77901 Josh Marquez - 619-665-8089 - Curtis Davis - 361-212-0579		

Sample ID	Collection Point	Date/Time Begin	Date/Time Sampled	Sample Type	Container	Analysis/Preservation	Field Results
24D3974-01	18 Mohm DI - Outfall 00		5-15-14 1500 0800	AQ Grab	A Glass 4oz Boston Round	LL Hg-1631 BrCl	
24D3974-02	Outfall 001		5-15-14 1520 0800	AQ Grab	A Glass 4oz Boston Round	LL Hg-1631 BrCl	
24D3974-03	Outfall 001 4 Part Grab		5-15-14 1500 0800	AQ Grab 4-Part Cor	A HDPE 250mL NaOH B Glass VOA 40mL HCl pH<2 C Glass VOA 40mL HCl pH<2 D Glass VOA 40mL HCl pH<2 E Glass VOA 40mL F Glass VOA 40mL G Glass VOA 40mL	Composite VOA 4°C Composite Cyanide NaOH 4°C	Flow MGD Field 0.68

Field Remarks:		Preservation: H2SO4 HNO3 NaOH Other:	
Sampler (Signature)	Relinquished By (Signature)	Date/Time 5-15-14 1520	Received By (Signature)
Print Name	Relinquished By (Signature)	Date/Time	Received By (Signature)
Affiliation	Relinquished To Lab By (Signature)	Date/Time 5-20-14	Received for Laboratory By (Signature)
Custody Seal: Yes / No	COC Labels Agree: Yes / No	Appropriate Volume: Yes / No	Received on Ice: Yes / No
Container Intact: Yes / No	Appropriate Containers: Yes / No	Coolers Intact: Yes / No	Samples Accepted: Yes / No
		Temperature: °C	
		Thermometer ID:	

PM Kits



CHAIN OF CUSTODY RECORD

North Water District Laboratory Services
130 S. Trade Center Pkwy, Conroe Tx 77385
(936) 321-6060 - lab@nwdls.com



Page 1 of 1

24D3975

TCEQ TX-C24-00086

City of Victoria Josh Marquez 702 Main Street Victoria, TX 77901 Phone: (361) 485-3260	Project Name : Odem Street WWTP - Table 2&3 - Outfall 001- Grab 2 Project Comments: PICK UP-DROP OFF AT REGIONAL PLANT - 923 US Hwy 59 S - Victoria 77901 Josh Marquez - 619-665-8089 - Curtis Davis - 361-212-0579	Schedule Comments
--	--	-------------------

Sample ID	Collection Point	Date/Time Begin	Date/Time Sampled	Sample Type	Container	Analysis/Preservation	Field Results
24D3975-01	18 Mohm DI - Outfall 00		5-15-24 1900	AQ Grab	A Glass 4oz Boston Round	LL Hg-1631 BrCl	
24D3975-02	Outfall 001		5-15-24 1900	AQ Grab	A Glass 4oz Boston Round	LL Hg-1631 BrCl	
24D3975-03	Outfall 001 4 Part Grab		5-15-24 1900	AQ Grab 4-Part Cor	A HDPE 250mL NaOH B Glass VOA 40mL HCl pH<2 C Glass VOA 40mL HCl pH<2 D Glass VOA 40mL HCl pH<2 E Glass VOA 40mL F Glass VOA 40mL G Glass VOA 40mL	Composite VOA 4°C Composite Cyanide NaOH 4°C	Flow MGD Field 1.63

Field Remarks:		Preservation: H2SO4 HNO3 NaOH Other:		
Sampler (Signature)	Relinquished By (Signature)	Date/Time 5-15-24 1952	Received By (Signature)	Date/Time
Print Name	Relinquished By (Signature)	Date/Time	Received By (Signature)	Date/Time
Affiliation	Relinquished To Lab By (Signature)	Date/Time 5-20-24 1020	Received for Laboratory By (Signature)	Date/Time 5-20-24 1020
Custody Seal: Yes / No	COC Labels Agree: Yes / No	Appropriate Volume: Yes / No	Received on Ice: Yes / No	Temperature: °C
Container Intact: Yes / No	Appropriate Containers: Yes / No	Coolers Intact: Yes / No	Samples Accepted: Yes / No	Thermometer ID:

wko_NWDLS_COC_noDate_LS version 4: 02/22/2021

PM Kits

① IE KMC 5.20.24 [UPS]



CHAIN OF CUSTODY RECORD

North Water District Laboratory Services
130 S. Trade Center Pkwy, Conroe Tx 77385
(936) 321-6060 - lab@nwdls.com

TCEQ TX-C24-00086



Page 1 of 1

24D3976

City of Victoria Josh Marquez 702 Main Street Victoria, TX 77901 Phone: (361) 485-3260	Project Name : Odem Street WWTP - Table 2&3 - Outfall 001- Grab 3 Project Comments: PICK UP-DROP OFF AT REGIONAL PLANT - 923 US Hwy 59 S - Victoria 77901 Josh Marquez - 619-665-8089 - Curtis Davis - 361-212-0579	Schedule Comments:
--	--	---------------------------

Sample ID	Collection Point	Date/Time Begin	Date/Time Sampled	Sample Type	Container	Analysis/Preservation	Field Results
24D3976-01	18 Mohm DI - Outfall 001		5-15-24 / 2100	AQ Grab	A Glass 4oz Boston Round	LL Hg-1631 BrCl	
24D3976-02	Outfall 001		5-15-24 / 2200	AQ Grab	A Glass 4oz Boston Round	LL Hg-1631 BrCl	
24D3976-03	Outfall 001 4 Part Grab		5-15-24 / 2200	AQ Grab 4-Part Cor	A HDPE 250mL NaOH B Glass VOA 40mL HCl pH<2 C Glass VOA 40mL HCl pH<2 D Glass VOA 40mL HCl pH<2 E Glass VOA 40mL F Glass VOA 40mL G Glass VOA 40mL	Composite VOA 4°C Composite Cyanide NaOH 4°C	Flow MGD Field <u>1.68</u>

Field Remarks:		Preservation: H2SO4 HNO3 NaOH Other: _____		
Sampler (Signature) <i>[Signature]</i>	Relinquished By: (Signature) <i>[Signature]</i>	Date/Time	Received By: (Signature) <i>[Signature]</i>	Date/Time
Print Name Cody Valle	Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Date/Time
Affiliation	Relinquished To Lab By: (Signature) <i>[Signature]</i>	Date/Time 1020 5-20-24	Received for Laboratory By: (Signature) <i>[Signature]</i>	Date/Time 1020 5-20-24
Custody Seal : Yes / No	COC Labels Agree: Yes / No	Appropriate Volume: Yes / No	Received on Ice: Yes / No	Temperature: _____ °C
Container Intact : Yes / No	Appropriate Containers: Yes / No	Coolers Intact: Yes / No	Samples Accepted: Yes / No	Thermometer ID: _____

wko_NWDLS_COC_noDate_LS version 4: 02/22/2021

PM Kits



CHAIN OF CUSTODY RECORD

North Water District Laboratory Services
130 S. Trade Center Pkwy, Conroe Tx 77385
(936) 321-6060 - lab@nwdls.com



Page 1 of 1

24D3977

TCEQ TX-C24-00086

City of Victoria Josh Marquez 702 Main Street Victoria, TX 77901 Phone: (361) 485-3260	Project Name : Odem Street WWTP - Table 2&3 - Outfall 001 -Grab 4		Schedule Comments:
	Project Comments: PICK UP-DROP OFF AT REGIONAL PLANT - 923 US Hwy 59 S - Victoria 77901 Josh Marquez - 619-665-8089 - Curtis Davis - 361-212-0579		

Sample ID	Collection Point	Date/Time Begin	Date/Time Sampled	Sample Type	Container	Analysis/Preservation		Field Results
24D3977-01	18 Mohm DI - Outfall 001		5-16-24/0400	AQ Grab	A Glass 4oz Boston Round	LL Hg-1631	BrCl	
24D3977-02	Outfall 001		5-16-24/0400	AQ Grab	A Glass 4oz Boston Round	LL Hg-1631	BrCl	
24D3977-03	Outfall 001 4 Part Grab		5-16-24/0400	AQ Grab 4-Part Cor	A HDPE 250mL NaOH B Glass VOA 40mL HCl pH<2 C Glass VOA 40mL HCl pH<2 D Glass VOA 40mL HCl pH<2 E Glass VOA 40mL F Glass VOA 40mL G Glass VOA 40mL	Composite VOA Composite Cyanide	4°C NaOH 4°C	Flow MGD Field <u>1.59</u>
24D3977-04	Outfall 001 4 Part Grab			AQ Composite	For Lab use	VOA-624 CN T-4500	4°C NaOH 4°C	

Field Remarks:		Preservation: H2SO4 HNO3 NaOH Other: _____			
		(Circle and Write ID)			
Sampler (Signature) <i>[Signature]</i>	Relinquished By: (Signature) <i>[Signature]</i>	Date/Time	Received By: (Signature)	Date/Time	
Print Name Cody Lalle	Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Date/Time	
Affiliation	Relinquished To Lab By: (Signature) <i>UPS</i>	Date/Time 5.10.24	Received for Laboratory By: (Signature) <i>YMC</i>	Date/Time 5.10.24	
Custody Seal : Yes / No	COC Labels Agree: Yes / No	Appropriate Volume: Yes / No	Received on Ice: Yes / No	Temperature: _____ °C	
Container Intact : Yes / No	Appropriate Containers: Yes / No	Coolers Intact: Yes / No	Samples Accepted: Yes / No	Thermometer ID: _____	

PM Kits

Flow-Weighted Sampling
Composite Sample Volume Proportions

Odem Street WWTP - Table 2& 3 - Outfall CN	Flow ¹
Collection Point 1 - 24D3974-03	0.68
Collection Point 2 - 24D3975-03	1.63
Collection Point 3 - 24D3976-03	1.68
Collection Point 4 - 24D3977-03	1.59
Collection Point 5 -	
Collection Point 6 -	
Collection Point 7 -	
Collection Point 8 -	
Collection Point 9 -	
Collection Point 10 -	

Max Flow	1.68
Volume of Max Flow Sample ² (mL)	91

	Volume ² (mL)
Collection Point 1 - 24D3974-03	37
Collection Point 2 - 24D3975-03	88
Collection Point 3 - 24D3976-03	91
Collection Point 4 - 24D3977-03	86
Collection Point 5 -	0
Collection Point 6 -	0
Collection Point 7 -	0
Collection Point 8 -	0
Collection Point 9 -	0
Collection Point 10 -	0
Total ³	302

Analyst	AMA
Date	5/24/2024
Time	21:25
Composite Sample ID	24D3977-04 CN
Composite Sample ID	

Sample ID used to
report sample results.

Amount of each
sample to be used to
make composite
sample.

Reviewed by AMA Date: 05/24/24

¹ Sample units are arbitrary as they cancel during calculation.

² Amount (volume) of sample added to the composite.

³ Total amount (volume) of composite sample.

*All completed forms must be filed with sample COC.

*All completed forms must be reviewed by and signed by management for verification of accuracy.

24D3977





CHAIN OF CUSTODY RECORD

North Water District Laboratory Services
130 S. Trade Center Pkwy, Conroe Tx 77385
(936) 321-6060 - lab@nwdls.com

TCEQ TX-C24-00066



Page 1 of 2

24D3978

City of Victoria Josh Marquez 702 Main Street Victoria, TX 77901 Phone: (361) 485-3260	Project Name : Odem Street WWTP - Table II - Outfall Sampler	Schedule Comments:
	Project Comments: PICK UP-DROP OFF AT REGIONAL PLANT - 923 US Hwy 59 S - Victoria 77901 Josh Marquez - 619-665-8089 - Curtis Davis - 361-212-0579	

Sample ID	Collection Point	Date/Time Begin	Date/Time Sampled	Sample Type	Container	Analysis/Preservation	Field Results
24D3978-01	Outfall 001 Sampler	5-15-24 1500	5-15-24 1300	AQ 24HR Comp	A HDPE 250mL B Glass VOA 60mL C Glass VOA 60mL D Glass VOA 60mL E Amber Glass 250mL w/ Teflon-lined Lid F Amber Glass 250mL w/ Teflon-lined Lid G Amber Glass 250mL w/ Teflon-lined Lid H Amber Glass 250mL w/ Teflon-lined Lid I Amber Glass 1L w/ Teflon-lined Lid J Amber Glass 1L w/ Teflon-lined Lid K Amber Glass 1L w/ Teflon-lined Lid L Amber Glass 1L w/ Teflon-lined Lid M Amber Glass 250mL w/ Teflon-lined Lid N Amber Glass 250mL w/ Teflon-lined Lid O Amber Glass 1L w/ Teflon-lined Lid P Amber Glass 1L w/ Teflon-lined Lid Q Amber Glass 250mL w/ Teflon-lined Lid R Amber Glass 250mL w/ Teflon-lined Lid	HERB-6640 4°C Nonylphenol-D7065 4°C OCP-608 4°C OPP-1657 4°C PCB-608 4°C SVOA-625 4°C Sub_CBURP-632 4°C Fluoride IC 300.0 4°C Nitrate as N IC 300.0 4°C	



CHAIN OF CUSTODY RECORD

North Water District Laboratory Services
130 S. Trade Center Pkwy, Conroe Tx 77385
(936) 321-6060 - lab@nwdls.com

TCEQ TX-C24-00086



Page 2 of 2

24D3978

(Continued)

City of Victoria Josh Marquez 702 Main Street Victoria, TX 77901 Phone: (361) 485-3260	Project Name : Odem Street WWTP - Table II - Outfall Sampler		Schedule Comments
	Project Comments: PICK UP-DROP OFF AT REGIONAL PLANT - 923 US Hwy 59 S - Victoria 77901 Josh Marquez - 619-665-8089 - Curtis Davis - 361-212-0579		

Field Remarks:		Preservation: H2SO4 HNO3 NaOH Other: _____			
Sampler (Signature) <i>[Signature]</i>	Relinquished By (Signature) <i>[Signature]</i>	Date/Time 6-16-24 1522	Received By (Signature)	Date/Time	
Print Name Josh Marquez	Relinquished By (Signature) <i>[Signature]</i>	Date/Time	Received By (Signature)	Date/Time	
Affiliation COV	Relinquished To Lab By (Signature) <i>[Signature]</i>	Date/Time 5-20-24 1020	Received for Laboratory By (Signature) <i>[Signature]</i>	Date/Time 5-20-24 1020	
Custody Seal : Yes / No	COC Labels Agree: Yes / No	Appropriate Volume: Yes / No	Received on Ice: Yes / No	Temperature: _____ °C	
Container Intact : Yes / No	Appropriate Containers: Yes / No	Coolers Intact: Yes / No	Samples Accepted: Yes / No	Thermometer ID: _____	

PM Kits

wko_NWDLS_COC_noDate_LS version 4: 02/22/2021



CHAIN OF CUSTODY RECORD

North Water District Laboratory Services
130 S. Trade Center Pkwy, Conroe Tx 77385
(936) 321-6060 - lab@nwdls.com



Page 1 of 1

24D3979

TCEQ TX-C24-00086

City of Victoria Josh Marquez 702 Main Street Victoria, TX 77901 Phone: (361) 485-3260	Project Name : Odem Street WWTP - Table 2&3 - Raw - Grab 1		Schedule Comments
	Project Comments: PICK UP-DROP OFF AT REGIONAL PLANT - 923 US Hwy 59 S - Victoria 77901 Josh Marquez - 619-665-8089 - Curtis Davis - 361-212-0579		

Sample ID	Collection Point	Date/Time Begin	Date/Time Sampled	Sample Type	Container	Analysis/Preservation	Field Results
24D3979-01	18 Mohm DI - Raw		5-13-24 / 10:00	AQ Grab	A Glass 4oz Boston Round	LL Hg-1631 BrCl	
24D3979-02	Raw		5-13-24 / 10:00	AQ Grab	A Glass 4oz Boston Round	LL Hg-1631 BrCl	
24D3979-03	Raw 4 Part Grab		5-13-24 / 10:00	AQ Grab 4-Part Cor	A HDPE 250mL NaOH B Glass VOA 40mL HCl pH<2 C Glass VOA 40mL HCl pH<2 D Glass VOA 40mL HCl pH<2 E Glass VOA 40mL F Glass VOA 40mL G Glass VOA 40mL	Composite VOA 4°C Composite Cyanide NaOH 4°C	Flow MGD Field 0.24

Field Remarks:		Preservation: H2SO4 HNO3 NaOH Other:	
Sampler (Signature)	Relinquished By: (Signature)	Date/Time 5-13-24 / 10:12	Received By: (Signature)
Print Name JOSHUA MARQUEZ	Relinquished By: (Signature)	Date/Time	Received By: (Signature)
Affiliation CITY OF VICTORIA	Relinquished To Lab By: (Signature)	Date/Time 05/14/24 / 16:32	Received for Laboratory By: (Signature)
Custody Seal: Yes / No		COC Labels Agree: Yes / No	Appropriate Volume: Yes / No
Container Intact: Yes / No		Appropriate Containers: Yes / No	Coolers Intact: Yes / No
		Received on Ice: Yes / No	Samples Accepted: Yes / No
		Temperature: °C	Thermometer ID:

PM Kits

CHAIN OF CUSTODY RECORD

North Water District Laboratory Services
130 S. Trade Center Pkwy, Conroe Tx 77385
(936) 321-6060 - lab@nwdls.com

TCEQ TX-C24-00086

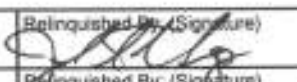
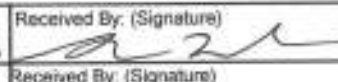
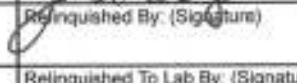
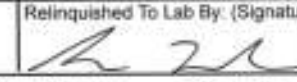


Page 1 of 1

24D3980

City of Victoria Josh Marquez 702 Main Street Victoria, TX 77901 Phone: (361) 485-3260	Project Name : Odem Street WWTP - Table 2&3 - Raw - Grab 2 Project Comments: PICK UP-DROP OFF AT REGIONAL PLANT - 923 US Hwy 59 S - Victoria 77901 Josh Marquez - 619-865-8089 - Curtis Davis - 361-212-0579	Schedule Comments:
--	--	---------------------------

Sample ID	Collection Point	Date/Time Begin	Date/Time Sampled	Sample Type	Container	Analysis/Preservation	Field Results
24D3980-01	18 Mohm DI - Raw		5-13-24 / 1330	AQ Grab	A Glass 4oz Boston Round	LL Hg-1631 BrCl	
24D3980-02	Raw		5-13-24 / 1330	AQ Grab	A Glass 4oz Boston Round	LL Hg-1631 BrCl	
24D3980-03	Raw 4 Part Grab		5-13-24 / 1330	AQ Grab 4-Part Cor	A HDPE 250mL NaOH B Glass VOA 40mL HCl pH<2 C Glass VOA 40mL HCl pH<2 D Glass VOA 40mL HCl pH<2 E Glass VOA 40mL F Glass VOA 40mL G Glass VOA 40mL	Composite VOA 4°C Composite Cyanide NaOH 4°C	Flow MGD Field <u>1.3</u>

Field Remarks:		Preservation: H2SO4 HNO3 NaOH Other: _____ (Circle and Write ID)	
Sampler (Signature) 	Relinquished By (Signature) 	Date/Time 5-13-24 / 1340	Received By (Signature) 
Print Name JOSHUA MARQUEZ	Relinquished By (Signature) 	Date/Time 5-13-24 / 1632	Received By (Signature) 
Affiliation CITY OF VICTORIA	Relinquished To Lab By (Signature) 	Date/Time 05/14/24 / 1632	Received for Laboratory By (Signature) 
Custody Seal: Yes / No Container Intact: Yes / No	COC Labels Agree: Yes / No Appropriate Containers: Yes / No	Appropriate Volume: Yes / No Coolers Intact: Yes / No	Received on Ice: Yes / No Samples Accepted: Yes / No
		Temperature: _____ °C Thermometer ID: _____	

PM Kits



CHAIN OF CUSTODY RECORD

North Water District Laboratory Services
130 S. Trade Center Pkwy, Conroe Tx 77385
(936) 321-6060 - lab@nwdls.com

TCEQ TX-C24-00086



Page 1 of 1

24D3981

City of Victoria Josh Marquez 702 Main Street Victoria, TX 77901 Phone: (361) 485-3260	Project Name : Odem Street WWTP - Table 2&3 - Raw - Grab 3 Project Comments: PICK UP-DROP OFF AT REGIONAL PLANT - 923 US Hwy 59 S - Victoria 77901 Josh Marquez - 619-665-8089 - Curtis Davis - 361-212-0579	Schedule Comments:
--	---	---------------------------

Sample ID	Collection Point	Date/Time Begin	Date/Time Sampled	Sample Type	Container	Analysis/Preservation	Field Results
24D3981-01	18 Mohm DI - Raw		5-13-24 / 1810	AQ Grab	A Glass 4oz Boston Round	LL Hg-1631 BrCl	
24D3981-02	Raw		5-13-24 / 1800	AQ Grab	A Glass 4oz Boston Round	LL Hg-1631 BrCl	
24D3981-03	Raw 4 Part Grab		5-13-24 / 1800	AQ Grab 4-Part Cor	A HDPE 250mL NaOH B Glass VOA 40mL HCl pH<2 C Glass VOA 40mL HCl pH<2 D Glass VOA 40mL HCl pH<2 E Glass VOA 40mL F Glass VOA 40mL G Glass VOA 40mL	Composite VOA 4°C Composite Cyanide NaOH 4°C	Flow MGD Field <u>6-58</u>

Field Remarks:		Preservation: H2SO4 HNO3 NaOH Other: _____		
Sampler (Signature) 	Relinquished By: (Signature) 	Date/Time 5-13-24 / 1810	Received By: (Signature) 	Date/Time 05/14/24
Print Name Joshua Marquez	Relinquished By: (Signature) 	Date/Time	Received By: (Signature)	Date/Time
Affiliation CITY OF VICTORIA	Relinquished To Lab By: (Signature) 	Date/Time 1632 05/14/24	Received for Laboratory By: (Signature) 	Date/Time 05/14/24 / 16:32
Custody Seal: Yes / No	COC Labels Agree: Yes / No	Appropriate Volume: Yes / No	Received on Ice: Yes / No	Temperature: _____ °C
Container Intact: Yes / No	Appropriate Containers: Yes / No	Coolers Intact: Yes / No	Samples Accepted: Yes / No	Thermometer ID: _____

PM Kits



CHAIN OF CUSTODY RECORD

North Water District Laboratory Services
130 S. Trade Center Pkwy, Conroe Tx 77385
(936) 321-6060 - lab@nwdls.com

TCEQ TX-C24-00086



Page 1 of 1

24D3982

City of Victoria Josh Marquez 702 Main Street Victoria, TX 77901 Phone: (361) 485-3260	Project Name : Odem Street WWTP - Table 2&3 - Raw - Grab 4		Schedule Comments
	Project Comments: PICK UP-DROP OFF AT REGIONAL PLANT - 923 US Hwy 59 S - Victoria 77901 Josh Marquez - 619-665-8089 - Curtis Davis - 361-212-0579		

Sample ID	Collection Point	Date/Time Begin	Date/Time Sampled	Sample Type	Container	Analysis/Preservation		Field Results
24D3982-01	18 Mohm DI - Raw		5-14-24 / 1230	AQ Grab	A Glass 4oz Boston Round	LL Hg-1631	BrCl	
24D3982-02	Raw		5-14-24 / 1230	AQ Grab	A Glass 4oz Boston Round	LL Hg-1631	BrCl	
24D3982-03	Raw 4 Part Grab		5-14-24 / 1230	AQ Grab 4-Part Cor	A HDPE 250mL NaOH B Glass VOA 40mL HCl pH<2 C Glass VOA 40mL HCl pH<2 D Glass VOA 40mL HCl pH<2 E Glass VOA 40mL F Glass VOA 40mL G Glass VOA 40mL	Composite VOA Composite Cyanide	4°C NaOH 4°C	Flow MGD Field <u>0.139</u> c.p.
24D3982-04	Raw 4 Part Grab Composite			AQ Composite	FOR LAB USE	VOA-624 CN T-4500	4°C NaOH 4°C	

Field Remarks:		Preservation: H2SO4 HNO3 NaOH Other: _____	
Sampler (Signature) <i>[Signature]</i>	Relinquished By: (Signature) <i>[Signature]</i>	Date/Time 5-14-24 / 1240	Received By: (Signature) <i>[Signature]</i>
Print Name Cody Kelle	Relinquished By: (Signature)	Date/Time	Received By: (Signature)
Affiliation City of Victoria	Relinquished To Lab By: (Signature) <i>[Signature]</i>	Date/Time 1632 051424	Received for Laboratory By: (Signature) <i>[Signature]</i>
Custody Seal: Yes / No	COC Labels Agree: Yes / No	Appropriate Volume: Yes / No	Received on Ice: Yes / No
Container Intact: Yes / No	Appropriate Containers: Yes / No	Coolers Intact: Yes / No	Samples Accepted: Yes / No
		Temperature: _____ °C	
		Thermometer ID: _____	

PM Kits

Flow-Weighted Sampling
Composite Sample Volume Proportions

Odem Street WWTP - Table 2& 3 - RAW CN	Flow ¹
Collection Point 1 - 24D3979-03	0.34
Collection Point 2 - 24D3980-03	1.3
Collection Point 3 - 24D3981-03	6.58
Collection Point 4 - 24D3982-03	3.39
Collection Point 5 -	
Collection Point 6 -	
Collection Point 7 -	
Collection Point 8 -	
Collection Point 9 -	
Collection Point 10 -	

Max Flow	6.58
Volume of Max Flow Sample ² (mL)	170

	Volume ² (mL)
Collection Point 1 - 24D3979-03	9
Collection Point 2 - 24D3980-03	34
Collection Point 3 - 24D3981-03	170
Collection Point 4 - 24D3982-03	88
Collection Point 5 -	0
Collection Point 6 -	0
Collection Point 7 -	0
Collection Point 8 -	0
Collection Point 9 -	0
Collection Point 10 -	0
Total ³	300

Analyst	AMA
Date	5/24/2024
Time	21:25
Composite Sample ID	24D3982-04 CN
Composite Sample ID	

Sample ID used to
report sample results.

Amount of each
sample to be used to
make composite
sample.

Reviewed by: AMA Date: 05.24.24

¹ Sample units are arbitrary as they cancel during calculation.

² Amount (volume) of sample added to the composite.

³ Total amount (volume) of composite sample.

*All completed forms must be filed with sample COC.

*All completed forms must be reviewed by and signed by management for verification of accuracy.

24D3982





CHAIN OF CUSTODY RECORD

North Water District Laboratory Services
130 S. Trade Center Pkwy, Conroe Tx 77385
(936) 321-6060 - lab@nwdls.com

TCEQ TX-C24-00086



Page 1 of 2

24D3983

City of Victoria Josh Marquez 702 Main Street Victoria, TX 77901 Phone: (361) 485-3260	Project Name : Odem Street WWTP - Table II - Raw Sampler		Schedule Comments:
	Project Comments: PICK UP-DROP OFF AT REGIONAL PLANT - 923 US Hwy 59 S - Victoria 77901 Josh Marquez - 619-665-8089 - Curtis Davis - 361-212-0579		

Sample ID	Collection Point	Date/Time Begin	Date/Time Sampled	Sample Type	Container	Analysis/Preservation	Field Results
24D3983-01	Raw Sampler	5-18-24 0700	5-14-24 0850	AQ 24HR Comp	A HDPE 250mL B Glass VOA 60mL C Glass VOA 60mL D Glass VOA 60mL E Amber Glass 250mL w/ Teflon-lined Lid F Amber Glass 250mL w/ Teflon-lined Lid G Amber Glass 250mL w/ Teflon-lined Lid H Amber Glass 250mL w/ Teflon-lined Lid I Amber Glass 1L w/ Teflon-lined Lid J Amber Glass 1L w/ Teflon-lined Lid K Amber Glass 1L w/ Teflon-lined Lid L Amber Glass 1L w/ Teflon-lined Lid M Amber Glass 250mL w/ Teflon-lined Lid N Amber Glass 250mL w/ Teflon-lined Lid O Amber Glass 1L w/ Teflon-lined Lid P Amber Glass 1L w/ Teflon-lined Lid Q Amber Glass 250mL w/ Teflon-lined Lid R Amber Glass 250mL w/ Teflon-lined Lid	HERB-6640 4°C Nonylphenol-D7065 4°C OCP-608 4°C OPP-1657 4°C PCB-608 4°C SVOA-625 4°C Sub_CBURP-632 4°C Fluoride IC 300.0 4°C Nitrate as N IC 300.0 4°C	



CHAIN OF CUSTODY RECORD

North Water District Laboratory Services
130 S. Trade Center Pkwy, Conroe Tx 77385
(936) 321-6060 - lab@nwdls.com

TCEQ TX-C24-00086



Page 2 of 2

24D3983

(Continued)

City of Victoria Josh Marquez 702 Main Street Victoria, TX 77901 Phone: (361) 485-3260	Project Name : Odem Street WWTP - Table II - Raw Sampler		Schedule Comments
	Project Comments: PICK UP-DROP OFF AT REGIONAL PLANT - 923 US Hwy 59 S - Victoria 77901 Josh Marquez - 619-665-8089 - Curtis Davis - 361-212-0579		

Field Remarks:		Preservation: H2SO4 HNO3 NaOH Other: _____			
		(Circle and Write ID)			
Sampler (Signature) <i>[Signature]</i>	Relinquished By (Signature) <i>[Signature]</i>	Date/Time 5-14-24 / 0838	Received By: (Signature) <i>[Signature]</i>	Date/Time 05/14/24 / 1632	
Print Name Joshua Marquez	Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Date/Time	
Affiliation COV	Relinquished To Lab By: (Signature) <i>[Signature]</i>	Date/Time 05/14/24 / 1632	Received for Laboratory By: (Signature)	Date/Time 05/14/24 / 1632	
Custody Seal: Yes / No	COC Labels Agree: Yes / No	Appropriate Volume: Yes / No	Received on Ice: Yes / No	Temperature: _____ °C	
Container Intact: Yes / No	Appropriate Containers: Yes / No	Coolers Intact: Yes / No	Samples Accepted: Yes / No	Thermometer ID: _____	

PM Kits

wko_NWDLS_COC_noDate_LS version 4: 02/22/2021



CHAIN OF CUSTODY RECORD

North Water District Laboratory Services
130 S. Trade Center Pkwy, Conroe Tx 77385
(936) 321-6060 - lab@nwdls.com



Page 1 of 1

24D3984

TCEQ TX-C24-00086

City of Victoria Josh Marquez 702 Main Street Victoria, TX 77901 Phone: (361) 485-3260	Project Name : Odem Street WWTP - Table III - Outfall Sampler	Schedule Comments
Project Comments: PICK UP-DROP OFF AT REGIONAL PLANT - 923 US Hwy 59 S - Victoria 77901 Josh Marquez - 619-665-8089 - Curtis Davis - 361-212-0579		

Sample ID	Collection Point	Date/Time Begin	Date/Time Sampled	Sample Type	Container	Analysis/Preservation	Field Results
24D3984-01	Outfall 001 Sampler	5-15-24 1500	5-16-24 1340	AQ 24HR Comp	A PreCleared HDPE 250mL HNO3 B HDPE 250 Cr6+Buf after filtration	Aluminum ICPMS 200.8 HNO3 Antimony ICPMS 200.8 HNO3 Arsenic ICPMS 200.8 HNO3 Barium ICPMS 200.8 HNO3 Beryllium ICPMS 200.8 HNO3 Cadmium ICPMS 200.8 HNO3 Chromium ICPMS 200.8 HNO3 Copper ICPMS 200.8 HNO3 Lead ICPMS 200.8 HNO3 Molybdenum ICPMS 200.8 HNO3 Nickel ICPMS 200.8 HNO3 Selenium ICPMS 200.8 HNO3 Silver ICPMS 200.8 HNO3 Thallium ICPMS 200.8 HNO3 Zinc ICPMS 200.8 HNO3 Cr III ICPMS [Group Analysis] Cr VI-D 3500 Cr6+Buf 4°C	

Field Remarks:		Preservation: H2SO4 HNO3 NaOH Other:		
Sampler (Signature)	Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Date/Time
Print Name	Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Date/Time
Affiliation	Relinquished To Lab By: (Signature)	Date/Time	Received for Laboratory By: (Signature)	Date/Time
Custody Seal: Yes / No	COC Labels Agree: Yes / No	Appropriate Volume: Yes / No	Received on Ice: Yes / No	Temperature: °C
Container Intact: Yes / No	Appropriate Containers: Yes / No	Coolers Intact: Yes / No	Samples Accepted: Yes / No	Thermometer ID:

PM Kits



CHAIN OF CUSTODY RECORD

North Water District Laboratory Services
130 S. Trade Center Pkwy, Conroe Tx 77385
(936) 321-6060 - lab@nwdls.com

TCEQ TX-C24-00086



Page 1 of 1

24D3985

City of Victoria Josh Marquez 702 Main Street Victoria, TX 77901 Phone: (361) 485-3260	Project Name : Odem Street WWTP - Table III - Raw Sampler		Schedule Comments
	Project Comments: PICK UP-DROP OFF AT REGIONAL PLANT - 923 US Hwy 59 S - Victoria 77901 Josh Marquez - 619-665-8089 - Curtis Davis - 361-212-0579		

Sample ID	Collection Point	Date/Time Begin	Date/Time Sampled	Sample Type	Container	Analysis/Preservation	Field Results
24D3985-01	Raw Sampler	5-15-24 0700	5-14-24 0850	AQ 24HR Comp	A PreCleared HDPE 250mL HNO3 B HDPE 250 Cr6+Buf after filtration	Aluminum ICPMS 200.8 HNO3 Antimony ICPMS 200.8 HNO3 Arsenic ICPMS 200.8 HNO3 Barium ICPMS 200.8 HNO3 Beryllium ICPMS 200.8 HNO3 Cadmium ICPMS 200.8 HNO3 Chromium ICPMS 200.8 HNO3 Copper ICPMS 200.8 HNO3 Lead ICPMS 200.8 HNO3 Molybdenum ICPMS 200.8 HNO3 Nickel ICPMS 200.8 HNO3 Selenium ICPMS 200.8 HNO3 Silver ICPMS 200.8 HNO3 Thallium ICPMS 200.8 HNO3 Zinc ICPMS 200.8 HNO3 Cr III ICPMS [Group Analysis] Cr VI-D 3500 Cr6+Buf 4°C	

Field Remarks:		Preservation: H2SO4 HNO3 NaOH Other: _____	
Sampler (Signature) 	Relinquished By (Signature) 	Date/Time (Circle and Write ID) 5-14-24 0850	Received By (Signature)
Print Name Joshua Marquez	Relinquished By (Signature) 	Date/Time	Received By (Signature)
Affiliation	Relinquished To Lab By (Signature) 	Date/Time 1632 051424	Received for Laboratory By (Signature)
Custody Seal: Yes / No	COC Labels Agree: Yes / No	Appropriate Volume: Yes / No	Received on Ice: Yes / No
Container Intact: Yes / No	Appropriate Containers: Yes / No	Coolers Intact: Yes / No	Samples Accepted: Yes / No
		Temperature: _____ °C	Thermometer ID: _____

PM Kits

wko_NWDLS_COC_noDate_LS version 4: 02/22/2021

Laboratory Analysis Report

Total Number of Pages: 6

Job ID : 24052935



10100 East Freeway, Suite 100, Houston, TX 77029 tel: 713-453-6060, fax: 713-453-6091, <http://www.ablabs.com>

Client Project Name : 24D3977

Report To :	Client Name:	NWDLS	P.O.#.: 24D3977
	Attn:	Deena Higginbotham	Sample Collected By:
	Client Address:	130 S Trade Center Pkwy	Date Collected: 05/16/24
	City, State, Zip:	Conroe, Texas, 77385	

A&B Labs has analyzed the following samples...

Client Sample ID	Matrix	A&B Sample ID
24D3977-04	Waste Water	24052935.01

A handwritten signature in black ink, appearing to read 'S. C. LK.'.

Released By: Senthilkumar Sevukan
Title: Vice President Operations
Date: 6/1/2024



This Laboratory is NELAP (T104704213-23-31) accredited. Effective: 04/01/2024; Expires: 03/31/2025
Scope: Non-Potable Water, Drinking Water, Air, Solid, Biological Tissue, Hazardous Waste

I am the laboratory manager, or his/her designee, and I am responsible for the release of this data package. This laboratory data package has been reviewed and is complete and technically compliant with the requirements of the methods used, except where noted in the attached exception reports. I affirm, to the best of my knowledge that all problems/anomalies observed by this laboratory (and if applicable, any and all laboratories subcontracted through this laboratory) that might affect the quality of the data, have been identified in the Laboratory Review Checklist, and that no information or data have been knowingly withheld that would affect the quality of the data.

This report cannot be reproduced, except in full, without prior written permission of A&B Labs. Results shown relate only to the items tested. Results apply to the sample as received. Samples are assumed to be in acceptable condition unless otherwise noted. Blank correction is not made unless otherwise noted. Air concentrations reported are based on field sampling information provided by client. Soil samples are reported on a wet weight basis unless otherwise noted. Uncertainty estimates are available on request.

ab-q210-0321

Date Received : 05/28/2024 08:15

LABORATORY TERM AND QUALIFIER DEFINITION REPORT



Job ID : 24052935

Date: 6/1/2024

General Term Definition

Back-Wt	Back Weight	MQL	Unadjusted Minimum Quantitation Limit
BRL	Below Reporting Limit	Post-Wt	Post Weight
cfu	colony-forming units	ppm	parts per million
Conc.	Concentration	Pre-Wt	Previous Weight
D.F.	Dilution Factor	Q	Qualifier
Front-Wt	Front Weight	RegLimit	Regulatory Limit
J	Estimation. Below calibration range but above MDL	RLU	Relative Light Unit
LCS	Laboratory Check Standard	RPD	Relative Percent Difference
LCSD	Laboratory Check Standard Duplicate	RptLimit	Reporting Limit
LOD	Limit of detection adjusted for %M + DF	SDL	Sample Detection Limit
LOQ	Limit of Quantitation adjusted for %M + DF	surr	Surrogate
MS	Matrix Spike	T	Time
MSD	Matrix Spike Duplicate	TNTC	Too numerous to count
MW	Molecular Weight	UQL	Unadjusted Upper Quantitation Limit

Qualifier Definition

J	Estimation. Below calibration range but above MDL.
---	--



LABORATORY TEST RESULTS

Job ID : 24052935

Date 6/1/2024

Client Name: NWDLS Attn: Deena Higginbotham
Project Name: 24D3977

Client Sample ID: 24D3977-04 Job Sample ID: 24052935.01
Date Collected: 05/16/24 Sample Matrix Waste Water
Time Collected: 04:00 % Moisture
Other Information:

Test Method	Parameter/Test Description	Result	Units	DF	SDL	SQL	Reg Limit	Q	Date Time	Analyst
SM 4500CNC/E	Cyanide, Total Ultra Low									
	Cyanide	0.0018	mg/L	1	0.00069	0.00200		J	05/28/24 11:51	SKC

QUALITY CONTROL CERTIFICATE



Job ID : 24052935

Date : 6/1/2024

Analysis : Cyanide, Total Ultra Low **Method :** SM 4500CNC/E **Reporting Units :** mg/L

QC Batch ID : Qb24052891 **Created Date :** 05/28/24 **Created By :** Srijan

Samples in This QC Batch : 24052935.01

Sample Preparation : PB24052838 **Prep Method :** SM 4500CNC/E **Prep Date :** 05/28/24 10:15 **Prep By :** Srijan

QC Type: Method Blank

Parameter	CAS #	Result	Units	D.F.	MQL	MDL	Qual
Cyanide	57-12-5	< MDL	mg/L	1	0.002	0.00069	

QC Type: Duplicate

QC Sample ID: 24052932.01

Parameter	QCSample Result	Sample Result	Units	RPD	RPD CtrlLimit	Qual
Cyanide	0.00285	0.0030	mg/L	5.1	20	

QC Type: LCS and LCSD

Parameter	LCS Spk Added	LCS Result	LCS % Rec	LCSD Spk Added	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
Cyanide	0.02	0.019	95	0.02	0.019	95	0	20	90-110	

QC Type: MS and MSD

QC Sample ID: 24052932.01

Parameter	Sample Result	MS Spk Added	MS Result	MS % Rec	MSD Spk Added	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
Cyanide	0.0030	0.02	0.0205	87.5						80-120	



Sample Condition Checklist

A&B JobID : 24052935		Date Received : 05/28/2024		Time Received : 8:15AM											
Client Name : NWDLS															
Temperature : 2.1°C		Sample pH : >12 CN													
Thermometer ID : IR7		pH Paper ID : 115063													
Perservative :		Lot# :													
	Check Points				Yes	No	N/A								
1.	Cooler Seal present and signed.					X									
2.	Sample(s) in a cooler.				X										
3.	If yes, ice in cooler.				X										
4.	Sample(s) received with chain-of-custody.				X										
5.	C-O-C signed and dated.				X										
6.	Sample(s) received with signed sample custody seal.					X									
7.	Sample containers arrived intact. (If No comment)				X										
8.	Matrix:	Water	Soil	Liquid	Sludge	Solid	Cassette	Tube	Bulk	Badge	Food	Other			
		☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐			
9.	Samples were received in appropriate container(s)				X										
10.	Sample(s) were received with Proper preservative				X										
11.	All samples were tagged or labeled.				X										
12.	Sample ID labels match C-O-C ID's.				X										
13.	Bottle count on C-O-C matches bottles found.				X										
14.	Sample volume is sufficient for analyses requested.				X										
15.	Samples were received with in the hold time.				X										
16.	VOA vials completely filled.														X
17.	Sample accepted.				X										
18.	Has client been contacted about sub-out														X

Comments : Include actions taken to resolve discrepancies/problem:

CN: NaOH+NaAsO2. ~ANS 05/28/24

Brought by : Client

Received by : ASmith

Check in by/date : ASmith / 05/28/2024

ab-s005-1123

Laboratory Analysis Report

Total Number of Pages: 8

Job ID : 24052417



10100 East Freeway, Suite 100, Houston, TX 77029 tel: 713-453-6060, fax: 713-453-6091, <http://www.ablabs.com>

Client Project Name : 24D3978

Report To :	Client Name:	NWDLS	P.O.#.: 24D3978
	Attn:	Deena Higginbotham	Sample Collected By:
	Client Address:	130 S Trade Center Pkwy	Date Collected: 05/16/24
	City, State, Zip:	Conroe, Texas, 77385	

A&B Labs has analyzed the following samples...

Client Sample ID	Matrix	A&B Sample ID
24D3978-01	Waste Water	24052417.01

A handwritten signature in black ink, appearing to read 'S. C. LK.'.

Released By: Senthilkumar Sevukan
Title: Vice President Operations
Date: 5/30/2024



This Laboratory is NELAP (T104704213-23-31) accredited. Effective: 04/01/2024; Expires: 03/31/2025
Scope: Non-Potable Water, Drinking Water, Air, Solid, Biological Tissue, Hazardous Waste

I am the laboratory manager, or his/her designee, and I am responsible for the release of this data package. This laboratory data package has been reviewed and is complete and technically compliant with the requirements of the methods used, except where noted in the attached exception reports. I affirm, to the best of my knowledge that all problems/anomalies observed by this laboratory (and if applicable, any and all laboratories subcontracted through this laboratory) that might affect the quality of the data, have been identified in the Laboratory Review Checklist, and that no information or data have been knowingly withheld that would affect the quality of the data.

This report cannot be reproduced, except in full, without prior written permission of A&B Labs. Results shown relate only to the items tested. Results apply to the sample as received. Samples are assumed to be in acceptable condition unless otherwise noted. Blank correction is not made unless otherwise noted. Air concentrations reported are based on field sampling information provided by client. Soil samples are reported on a wet weight basis unless otherwise noted. Uncertainty estimates are available on request.

ab-q210-0321

Date Received : 05/22/2024 07:20

LABORATORY TERM AND QUALIFIER DEFINITION REPORT



Job ID : 24052417

Date: 5/30/2024

General Term Definition

Back-Wt	Back Weight	MQL	Unadjusted Minimum Quantitation Limit
BRL	Below Reporting Limit	Post-Wt	Post Weight
cfu	colony-forming units	ppm	parts per million
Conc.	Concentration	Pre-Wt	Previous Weight
D.F.	Dilution Factor	Q	Qualifier
Front-Wt	Front Weight	RegLimit	Regulatory Limit
J	Estimation. Below calibration range but above MDL	RLU	Relative Light Unit
LCS	Laboratory Check Standard	RPD	Relative Percent Difference
LCSD	Laboratory Check Standard Duplicate	RptLimit	Reporting Limit
LOD	Limit of detection adjusted for %M + DF	SDL	Sample Detection Limit
LOQ	Limit of Quantitation adjusted for %M + DF	surr	Surrogate
MS	Matrix Spike	T	Time
MSD	Matrix Spike Duplicate	TNTC	Too numerous to count
MW	Molecular Weight	UQL	Unadjusted Upper Quantitation Limit

Qualifier Definition

M1	Matrix Spike and/or Matrix Spike Duplicate recovery is above laboratory control limits due to matrix interference. "The sample randomly selected as QC for this batch was not part of your project. Therefore, this sample matrix is not applicable to your project samples."
S6	Surrogate recovery is outside control limits due to matrix effects.
U	Undetected at SDL (Sample Detection Limit).
V12	Closing CCV recovery is outside of acceptance limits.



LABORATORY TEST RESULTS

Job ID : 24052417

Date 5/30/2024

Client Name: NWDLS

Attn: Deena Higginbotham

Project Name: 24D3978

Client Sample ID: 24D3978-01

Job Sample ID: 24052417.01

Date Collected: 05/16/24

Sample Matrix Waste Water

Time Collected: 13:00

% Moisture

Other Information:

Test Method	Parameter/Test Description	Result	Units	DF	SDL	SQL	Reg Limit	Q	Date Time	Analyst
EPA 608.3	Polychlorinated Biphenyls									
	Aroclor 1016	<0.03	ug/L	1.09	0.03	0.0550		U	05/24/24 18:41	MQ
	Aroclor 1221	<0.03	ug/L	1.09	0.03	0.0550		U	05/24/24 18:41	MQ
	Aroclor 1232	<0.03	ug/L	1.09	0.03	0.0550		U	05/24/24 18:41	MQ
	Aroclor 1242	<0.03	ug/L	1.09	0.03	0.0550		U	05/24/24 18:41	MQ
	Aroclor 1248	<0.03	ug/L	1.09	0.03	0.0550		U	05/24/24 18:41	MQ
	Aroclor 1254	<0.03	ug/L	1.09	0.03	0.0550		U	05/24/24 18:41	MQ
	Aroclor 1260	<0.03	ug/L	1.09	0.03	0.0550		U	05/24/24 18:41	MQ
	Total PCBs	<0.03	ug/L	1.09	0.03	0.0550		U	05/24/24 18:41	MQ
	Decachlorobiphenyl(surr)	92	%	1.09		35-129			05/24/24 18:41	MQ
	Tetrachloro-m-xylene(surr)	62.5	%	1.09		27-127			05/24/24 18:41	MQ
EPA 608.3	Organochlorine Pesticides									
	Dicofol ²	<0.055	ug/L	1.09	0.055	0.055		U	05/29/24 22:32	MQ
	4,4-DDD	<0.002	ug/L	1.09	0.002	0.011		U	05/29/24 22:32	MQ
	4,4-DDE	<0.010	ug/L	1.09	0.010	0.011		U	05/29/24 22:32	MQ
	4,4-DDT	<0.004	ug/L	1.09	0.004	0.011		U	05/29/24 22:32	MQ
	a-BHC	<0.003	ug/L	1.09	0.003	0.011		U	05/29/24 22:32	MQ
	Aldrin	<0.004	ug/L	1.09	0.004	0.011		U	05/29/24 22:32	MQ
	b-BHC	<0.004	ug/L	1.09	0.004	0.011		U	05/29/24 22:32	MQ
	Chlordane	<0.109	ug/L	1.09	0.109	0.109		U	05/29/24 22:32	MQ
	d-BHC	<0.007	ug/L	1.09	0.007	0.011		V12,U	05/29/24 22:32	MQ
	Dieldrin	<0.006	ug/L	1.09	0.006	0.011		U	05/29/24 22:32	MQ
	Endosulfan I	<0.008	ug/L	1.09	0.008	0.011		U	05/29/24 22:32	MQ
	Endosulfan II	<0.004	ug/L	1.09	0.004	0.011		U	05/29/24 22:32	MQ
	Endosulfan sulfate	<0.006	ug/L	1.09	0.006	0.011		V12,U	05/29/24 22:32	MQ
	Endrin	<0.004	ug/L	1.09	0.004	0.011		U	05/29/24 22:32	MQ
	Endrin aldehyde	<0.003	ug/L	1.09	0.003	0.011		U	05/29/24 22:32	MQ
	Endrin ketone	<0.004	ug/L	1.09	0.004	0.011		U	05/29/24 22:32	MQ
	g-BHC	<0.004	ug/L	1.09	0.004	0.011		U	05/29/24 22:32	MQ
	Heptachlor	<0.004	ug/L	1.09	0.004	0.011		U	05/29/24 22:32	MQ
	Heptachlor epoxide	<0.004	ug/L	1.09	0.004	0.011		U	05/29/24 22:32	MQ
	Methoxychlor	<0.003	ug/L	1.09	0.003	0.011		V12,U	05/29/24 22:32	MQ
	Mirex ²	<0.011	ug/L	1.09	0.011	0.011		U	05/29/24 22:32	MQ
	Toxaphene	<0.109	ug/L	1.09	0.109	0.109		U	05/29/24 22:32	MQ
	Decachlorobiphenyl(surr)	50.3	%	1.09		34-120			05/29/24 22:32	MQ
	Tetrachloro-m-xylene(surr)	53	%	1.09		24-127			05/29/24 22:32	MQ

ab-q212-0321

²-Parameter not available for accreditation.

QUALITY CONTROL CERTIFICATE



Job ID : 24052417

Date : 5/30/2024

Analysis : Polychlorinated Biphenyls Method : EPA 608.3 Reporting Units : ug/L

QC Batch ID : Qb24052974 Created Date : 05/24/24 Created By : mqiao

Samples in This QC Batch : 24052417.01

Extraction : PB24052339 Prep Method : EPA 608.3 Prep Date : 05/23/24 08:00 Prep By : MMuteen

QC Type: Method Blank

Parameter	CAS #	Result	Units	D.F.	MQL	MDL		Qual
Aroclor 1016	12674-11-2	< MDL	ug/L	1.00	0.05	0.025		
Aroclor 1221	11104-28-2	< MDL	ug/L	1.00	0.05	0.026		
Aroclor 1232	11141-16-5	< MDL	ug/L	1.00	0.05	0.026		
Aroclor 1242	53469-21-9	< MDL	ug/L	1.00	0.05	0.026		
Aroclor 1248	12672-29-6	< MDL	ug/L	1.00	0.05	0.026		
Aroclor 1254	11097-69-1	< MDL	ug/L	1.00	0.05	0.026		
Aroclor 1260	11096-82-5	< MDL	ug/L	1.00	0.05	0.026		
Total PCBs		< MDL	ug/L	1.00	0.05	0.026		
Decachlorobiphenyl(surr)	2051-24-3	102	%	1.00				
Tetrachloro-m-xylene(surr)	877-09-8	69	%	1.00				

QC Type: LCS and LCSD

Parameter	LCS Spk Added	LCS Result	LCS % Rec	LCSD Spk Added	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
Aroclor 1016	2	1.56	77.9	2	1.64	81.8	5.1	18	53.7-136	
Aroclor 1260	2	2.09	104	2	2.09	105	0	18	57.9-146	
Total PCBs	4	3.65	91.2	4	3.73	93.2	2.2	18	51.7-138	

QC Type: MS and MSD

QC Sample ID: 24052423.02

Parameter	Sample Result	MS Spk Added	MS Result	MS % Rec	MSD Spk Added	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
Aroclor 1016	BRL	2.04	6.18	303						50-140	M1
Aroclor 1260	BRL	2.04	2.36	116						10-140	
Total PCBs	BRL	4.08	8.54	209						50-140	M1

QUALITY CONTROL CERTIFICATE



Job ID : 24052417

Date : 5/30/2024

Analysis : Organochlorine Pesticides

Method : EPA 608.3

Reporting Units : ug/L

QC Batch ID : Qb24053099

Created Date : 05/29/24

Created By : mqiao

Samples in This QC Batch : 24052417.01

Extraction : PB24052338

Prep Method : EPA 608.3

Prep Date : 05/23/24 08:00 Prep By : MMuteen

QC Type: Method Blank

Parameter	CAS #	Result	Units	D.F.	MQL	MDL	Qual
4,4-DDD	72-54-8	< MDL	ug/L	1.00	0.01	0.002	
4,4-DDE	72-55-9	< MDL	ug/L	1.00	0.01	0.009	
4,4-DDT	50-29-3	< MDL	ug/L	1.00	0.01	0.004	
a-BHC	319-84-6	< MDL	ug/L	1.00	0.01	0.003	
Aldrin	309-00-2	< MDL	ug/L	1.00	0.01	0.004	
b-BHC	319-85-7	< MDL	ug/L	1.00	0.01	0.004	
Chlordane	57-74-9	< MDL	ug/L	1.00	0.1	0.1	
d-BHC	319-86-8	< MDL	ug/L	1.00	0.01	0.006	
Dieldrin	60-57-1	< MDL	ug/L	1.00	0.01	0.005	
Endosulfan I	959-98-8	< MDL	ug/L	1.00	0.01	0.007	
Endosulfan II	33213-65-9	< MDL	ug/L	1.00	0.01	0.004	
Endosulfan sulfate	1031-07-8	< MDL	ug/L	1.00	0.01	0.005	
Endrin	72-20-8	< MDL	ug/L	1.00	0.01	0.004	
Endrin aldehyde	7421-93-4	< MDL	ug/L	1.00	0.01	0.003	
Endrin ketone	53494-70-5	< MDL	ug/L	1.00	0.01	0.004	
g-BHC	58-89-9	< MDL	ug/L	1.00	0.01	0.004	
Heptachlor	76-44-8	< MDL	ug/L	1.00	0.01	0.004	
Heptachlor epoxide	1024-57-3	< MDL	ug/L	1.00	0.01	0.004	
Methoxychlor	72-43-5	< MDL	ug/L	1.00	0.01	0.003	
Mirex	2385-85-5	< MDL	ug/L	1.00	0.1	0.079	
Toxaphene	8001-35-2	< MDL	ug/L	1.00	0.5	0.1	
Dicofol	115-32-2	< MQL	ug/L	1.00	0.2		
Tetrachloro-m-xylene(surr)	877-09-8	73	%	1.00			
Decachlorobiphenyl(surr)	2051-24-3	82.5	%	1.00			

QC Type: LCS and LCSD

Parameter	LCS Spk Added	LCS Result	LCS % Rec	LCSD Spk Added	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
4,4-DDD	0.2	0.216	108	0.2	0.204	102	5.7	24	27-147	
4,4-DDE	0.2	0.190	95	0.2	0.180	90.3	5.4	21	30-136	
4,4-DDT	0.2	0.183	91.5	0.2	0.177	88.5	3.3	30	23-152	
a-BHC	0.2	0.196	98.3	0.2	0.184	91.8	6.6	25	23-125	
Aldrin	0.2	0.205	103	0.2	0.188	94.3	8.7	23	27-127	
b-BHC	0.2	0.190	94.8	0.2	0.176	88	7.4	24	29-132	
d-BHC	0.2	0.204	102	0.2	0.190	95.3	7.4	20	30-139	
Dieldrin	0.2	0.209	105	0.2	0.206	103	1.4	21	29-135	
Endosulfan I	0.2	0.140	69.8	0.2	0.132	66	5.5	24	15-125	

ab-q213-0321

Refer to the Definition page for terms.

QUALITY CONTROL CERTIFICATE



Job ID : 24052417

Date : 5/30/2024

Analysis : Organochlorine Pesticides

Method : EPA 608.3

Reporting Units : ug/L

QC Batch ID : Qb24053099

Created Date : 05/29/24

Created By : mqiao

Samples in This QC Batch : 24052417.01

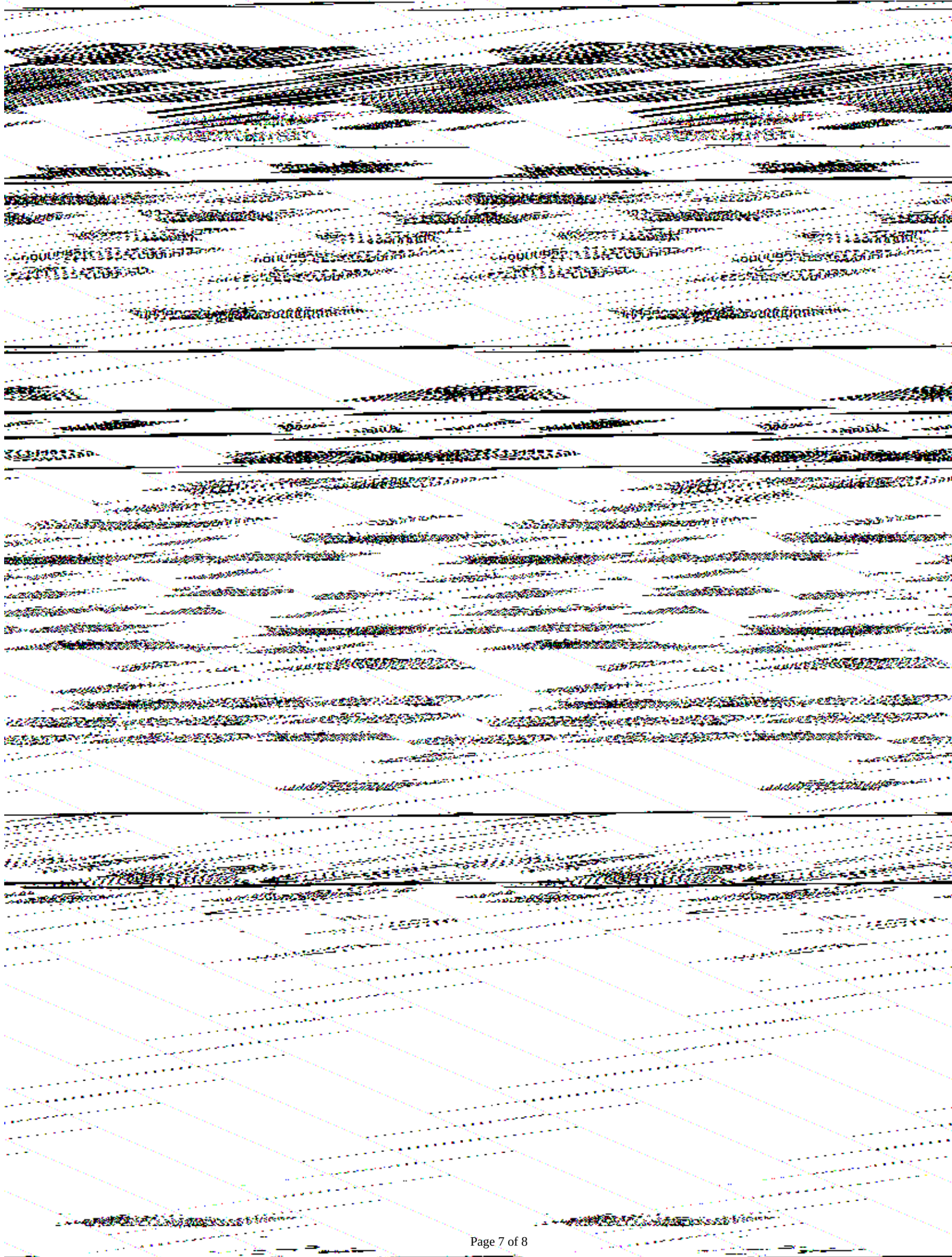
QC Type: LCS and LCSD

Parameter	LCS Spk Added	LCS Result	LCS % Rec	LCSD Spk Added	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
Endosulfan II	0.2	0.164	82.3	0.2	0.161	80.5	2.2	21	20-133	
Endosulfan sulfate	0.2	0.204	102	0.2	0.205	103	0.7	20	21-151	
Endrin	0.2	0.202	101	0.2	0.190	94.8	5.9	24	22-147	
Endrin aldehyde	0.2	0.228	114	0.2	0.210	105	8.4	33	14-136	
Endrin ketone	0.2	0.203	102	0.2	0.192	95.8	5.6	20	15-154	
g-BHC	0.2	0.210	105	0.2	0.196	97.8	6.9	25	23-132	
Heptachlor	0.2	0.218	109	0.2	0.214	107	2.1	20	27-134	
Heptachlor epoxide	0.2	0.204	102	0.2	0.190	95.3	7.4	24	32-132	
Methoxychlor	0.2	0.184	92	0.2	0.179	89.5	2.8	24	24-175	

QC Type: MS and MSD

QC Sample ID: 24052417.01

Parameter	Sample Result	MS Spk Added	MS Result	MS % Rec	MSD Spk Added	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
4,4-DDD	BRL	0.2	0.168	83.8						40-140	
4,4-DDE	BRL	0.2	0.115	57.5						40-140	
4,4-DDT	BRL	0.2	0.134	67						40-140	
a-BHC	BRL	0.2	0.172	86						40-140	
Aldrin	BRL	0.2	0.121	60.5						40-140	
b-BHC	BRL	0.2	0.106	53						40-140	
d-BHC	BRL	0.2	0.196	98.3						40-140	
Dieldrin	BRL	0.2	0.171	85.5						40-140	
Endosulfan I	BRL	0.2	0.141	70.5						40-140	
Endosulfan II	BRL	0.2	0.130	64.8						40-140	
Endosulfan sulfate	BRL	0.2	0.188	93.8						40-140	
Endrin	BRL	0.2	0.166	83						40-140	
Endrin aldehyde	BRL	0.2	0.212	106						40-140	
Endrin ketone	BRL	0.2	0.166	83						40-140	
g-BHC	BRL	0.2	0.180	89.8						40-140	
Heptachlor	BRL	0.2	0.114	56.8						40-140	
Heptachlor epoxide	BRL	0.2	0.136	68						40-140	
Methoxychlor	BRL	0.2	0.144	71.8						40-140	





Sample Condition Checklist

A&B JobID : 24052417		Date Received : 05/22/2024		Time Received : 7:20AM								
Client Name : NWDLS												
Temperature : 2.9°C		Sample pH : NA										
Thermometer ID : IR7		pH Paper ID : NA										
Perservative :		Lot# :										
	Check Points				Yes	No	N/A					
1.	Cooler Seal present and signed.					X						
2.	Sample(s) in a cooler.				X							
3.	If yes, ice in cooler.				X							
4.	Sample(s) received with chain-of-custody.				X							
5.	C-O-C signed and dated.				X							
6.	Sample(s) received with signed sample custody seal.					X						
7.	Sample containers arrived intact. (If No comment)				X							
8.	Matrix:	Water	Soil	Liquid	Sludge	Solid	Cassette	Tube	Bulk	Badge	Food	Other
		☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
9.	Samples were received in appropriate container(s)				X							
10.	Sample(s) were received with Proper preservative											X
11.	All samples were tagged or labeled.				X							
12.	Sample ID labels match C-O-C ID's.				X							
13.	Bottle count on C-O-C matches bottles found.				X							
14.	Sample volume is sufficient for analyses requested.				X							
15.	Samples were received with in the hold time.				X							
16.	VOA vials completely filled.											X
17.	Sample accepted.				X							
18.	Has client been contacted about sub-out											X

Comments : Include actions taken to resolve discrepancies/problem:

Brought by : Client
Received by : Jedralin

Check in by/date : Amber / 05/22/2024

ab-s005-1123



Project
1104127

NWDS-G

North Water District Laboratory
Deena McDaniel
130 S Trade Center Parkway
Suite:100
Conroe, TX 77385

Printed 05/31/2024
14:47

TABLE OF CONTENTS

This report consists of this Table of Contents and the following pages:

Report Name	Description	Pages
1104127_r02_01_ProjectSamples	SPL Kilgore Project P:1104127 C:NWDS Project Sample Cross Reference t:304	1
1104127_r03_03_ProjectResults	SPL Kilgore Project P:1104127 C:NWDS Project Results t:304 PO: #26201	3
1104127_r10_05_ProjectQC	SPL Kilgore Project P:1104127 C:NWDS Project Quality Control Groups	1
1104127_r99_09_CoC__1_of_1	SPL Kilgore CoC NWDS 1104127_1_of_1	3
Total Pages:		8





SAMPLE CROSS REFERENCE

Project
1104127

North Water District Laboratory
Deena McDaniel
130 S Trade Center Parkway
Suite:100
Conroe, TX 77385

Printed 5/31/2024 Page 1 of 1
ww

Sample	Sample ID	Taken	Time	Received
2300889	24E4801-01	05/16/2024	13:00:00	05/22/2024

Bottle 01 Client Supplied Amber Glass
Bottle 02 Client Supplied Amber Glass
Bottle 03 Prepared Bottle: 632L\632S 2 mL Autosampler Vial (Batch 1120712) Volume: 1.00000 mL <== Derived from 01 (976 ml)

Method	Bottle	PrepSet	Preparation	QcGroup	Analytical
EPA 632	03	1120712	05/23/2024	1121724	05/30/2024

Sample	Sample ID	Taken	Time	Received
2300896	24E4801-02	05/21/2024	05:00:00	05/22/2024

Bottle 01 Client Supplied Amber Glass
Bottle 02 Client Supplied Amber Glass
Bottle 03 Prepared Bottle: 632L\632S 2 mL Autosampler Vial (Batch 1120712) Volume: 1.00000 mL <== Derived from 01 (902 ml)

Method	Bottle	PrepSet	Preparation	QcGroup	Analytical
EPA 632	03	1120712	05/23/2024	1121724	05/30/2024

Email: Kilgore.ProjectManagement@spllabs.com



NWDS-G

Page 1 of 3

North Water District Laboratory
Deena McDaniel
130 S Trade Center Parkway
Suite:100
Conroe, TX 77385

Project
1104127

Printed: 05/31/2024

RESULTS

Sample Results

2300889 **24E4801-01**

Received: 05/22/2024

Non-Potable Water

Collected by: Client
Taken: 05/16/2024

North Water District
13:00:00

PO: #26201

Prepared: 05/31/2024 14:38:00 Analyzed 05/31/2024 14:38:00 WJP

Parameter	Results	Units	RL	Flags	CAS	Bottle
Check Limits	Completed					

EPA 632 Prepared: 1120712 05/23/2024 14:15:00 Analyzed 1121724 05/30/2024 22:11:00 BRU

Parameter	Results	Units	RL	Flags	CAS	Bottle
Carbaryl (Sevin)	<2.56	ug/L	2.56		63-25-2	03
Diuron	<0.0461	ug/L	0.0461		330-54-1	03

2300896 **24E4801-02**

Received: 05/22/2024

Non-Potable Water

Collected by: Client
Taken: 05/21/2024

North Water District
05:00:00

PO: #26201

Prepared: 05/31/2024 14:38:00 Analyzed 05/31/2024 14:38:00 WJP

Parameter	Results	Units	RL	Flags	CAS	Bottle
Check Limits	Completed					

EPA 632 Prepared: 1120712 05/23/2024 14:15:00 Analyzed 1121724 05/30/2024 22:40:00 BRU

Parameter	Results	Units	RL	Flags	CAS	Bottle
Carbaryl (Sevin)	<2.77	ug/L	2.77		63-25-2	03
Diuron	<0.0499	ug/L	0.0499		330-54-1	03

Sample Preparation



Report Page 3 of 9



NWDS-G

Page 2 of 3

North Water District Laboratory
Deena McDaniel
130 S Trade Center Parkway
Suite:100
Conroe, TX 77385

Project
1104127

Printed: 05/31/2024

2300889 24E4801-01

Received: 05/22/2024
#26201

05/16/2024

		Prepared:	05/22/2024	12:09:37	Calculated	05/22/2024	12:09:37	CAL		
z	Environmental Fee (per Project)	Verified								
		Prepared:	05/31/2024	14:38:00	Analyzed	05/31/2024	14:38:00	WJP		
z	Level IV Data Review	Completed								
EPA 632		Prepared:	1120712	05/23/2024	14:15:00	Analyzed	1120712	05/23/2024	14:15:00	CRS
	Liquid-Liquid Extr. W/Hex Ex	1/976	ml							01
EPA 632		Prepared:	1120712	05/23/2024	14:15:00	Analyzed	1121724	05/30/2024	22:11:00	BRU
NELAC	Carbaryl/Diuron	Entered								03

2300896 24E4801-02

Received: 05/22/2024
#26201

05/21/2024

		Prepared:	05/31/2024	14:38:00	Analyzed		05/31/2024	14:38:00	WJP	
z	Level IV Data Review	Completed								
	EPA 632	Prepared:	1120712	05/23/2024	14:15:00	Analyzed	1120712	05/23/2024	14:15:00	CRS
	Liquid-Liquid Extr. W/Hex Ex	1/902	ml							01
	EPA 632	Prepared:	1120712	05/23/2024	14:15:00	Analyzed	1121724	05/30/2024	22:40:00	BRU
NELAC	Carbaryl/Diuron	Entered								03



Report Page 4 of 9

2600 Dudley Rd. Kilgore, Texas 75662
24 Waterway Avenue, Suite 375 The Woodlands, TX 77380
Office: 903-984-0551 * Fax: 903-984-5914



NWDS-G

Page 3 of 3

North Water District Laboratory
Deena McDaniel
130 S Trade Center Parkway
Suite:100
Conroe, TX 77385

Project
1104127

Printed: 05/31/2024

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, MS, VP Technical Services



Report Page 5 of 9

QUALITY CONTROL



Page 1 of 1

NWDS-G

North Water District Laboratory
Deena McDaniel
130 S Trade Center Parkway
Suite:100
Conroe, TX 77385

Project
1104127

Printed 05/31/2024

Analytical Set **1121724**

EPA 632

Blank

<u>Parameter</u>	<u>PrepSet</u>	<u>Reading</u>	<u>MDL</u>	<u>MQL</u>	<u>Units</u>	<u>File</u>
Carbaryl (Sevin)	1120712	ND	66.1	2500	ug/L	126387869
Diuron	1120712	89.0	44.4	45.0	ug/L	126387869

CCV

<u>Parameter</u>	<u>Reading</u>	<u>Known</u>	<u>Units</u>	<u>Recover%</u>	<u>Limits%</u>	<u>File</u>
Carbaryl (Sevin)	1020	1000	ug/L	102	70.0 - 130	126387868
Carbaryl (Sevin)	1020	1000	ug/L	102	70.0 - 130	126387872
Carbaryl (Sevin)	1030	1000	ug/L	103	70.0 - 130	126387875
Diuron	1040	1000	ug/L	104	70.0 - 130	126387868
Diuron	1020	1000	ug/L	102	70.0 - 130	126387872
Diuron	1080	1000	ug/L	108	70.0 - 130	126387875

LCS Dup

<u>Parameter</u>	<u>PrepSet</u>	<u>LCS</u>	<u>LCSD</u>	<u>Known</u>	<u>Limits%</u>	<u>LCS%</u>	<u>LCSD%</u>	<u>Units</u>	<u>RPD</u>	<u>Limit%</u>
Carbaryl (Sevin)	1120712	753	841	1000	17.1 - 131	75.3	84.1	ug/L	11.0	30.0
Diuron	1120712	896	884	1000	0.100 - 138	89.6	88.4	ug/L	1.35	30.0

* Out RPD is Relative Percent Difference: $\text{abs}(r_1 - r_2) / \text{mean}(r_1, r_2) * 100\%$

Recover% is Recovery Percent: $\text{result} / \text{known} * 100\%$

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.)

Email: Kilgore.ProjectManagement@spilabs.com



Report Page 6 of 9

1104127 CoC Print Group 001 of 001



SUBCONTRACT ORDER

Sending Laboratory:

North Water District Laboratory Services, Inc.
130 South Trade Center Parkway
Conroe, TX 77385
Phone: 936-321-6060
Fax: 936-321-6061

Project Manager: Deena Higginbotham

Subcontracted Laboratory:

SPL
2600 Dudley Rd
Kilgore, TX 75662
Phone: (903) 984-0551
Fax:

Work Order: 24D3978

Analysis	Due	Expires	Comments
Sample ID: 24D3978-01	Waste Water	Sampled: 05/16/2024 13:00	
Job: CBURP-632	06/03/2024	05/23/2024 13:00	
Analyte(s):			
Carbaryl	Diuron		
Containers Supplied:			

AmA
Shipped By

UPS

05/21/24
Date

5/22/24
1030

UPS
Received By

R-2

05/21/24
Date

5/22/24
1030

See Attached for
Tracking # and Temp

1104127 CoC Print Group 001 of 001

CRAIG TODD 9363216060 NWDLS 130 S TRADE CENTER PKWY CONROE TX 77385		35 LBS	1 OF 1
SHIP TO: ANA-LAB 903-984-0551 ANA-LAB 2600 DUDLEY ROAD KILGORE TX 75662			
	TX 756 0-32 		
UPS NEXT DAY AIR			1
TRACKING #: 1Z 12W 40V 01 9204 8962			
			
BILLING: P/P			
XOL 24.01.04 NV45 21.0A 05/2004 			

5/21/24, 8:57 AM

about blank

5/22 1125 RT
Date Time Tech
Temp: 2.4 / 2.6 C
Therm#: 6444 Corr Fact: 0.2 C

1104127 CoC Print Group 001 of 001

**SUBCONTRACT
ORDER****Sending Laboratory:**

North Water District Laboratory Services, Inc.
130 South Trade Center Parkway
Conroe, TX 77385
Phone: 936-321-6060
Fax: 936-321-6061

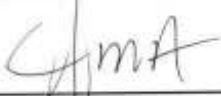
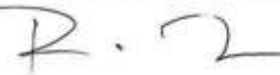
Project Manager: Aundra Noe

Subcontracted Laboratory:

SPL
2600 Dudley Rd
Kilgore, TX 75662
Phone: (903) 984-0551
Fax:

Work Order: 24E4801

Analysis	Due	Expires	Comments
Sample ID: 24E4801-02 Waste Water Sampled: 05/21/2024 05:00			
Sub_CBURP-632	06/04/2024	05/28/2024 05:00	
Analyte(s): Carbaryl	Diuron		
Containers Supplied:			

 Released By	 Date 05/21/24 5/22/24	 Received By	 Date 05/21/24 5/22/24
--	---	--	--

See Attached for
Tracking # and Temp

Laboratory Analysis Report

Total Number of Pages: 6

Job ID : 24052933



10100 East Freeway, Suite 100, Houston, TX 77029 tel: 713-453-6060, fax: 713-453-6091, <http://www.ablabs.com>

Client Project Name : 24D3982

Report To :	Client Name:	NWDLS	P.O.#.: 24D3982
	Attn:	Deena Higginbotham	Sample Collected By:
	Client Address:	130 S Trade Center Pkwy	Date Collected: 05/14/24
	City, State, Zip:	Conroe, Texas, 77385	

A&B Labs has analyzed the following samples...

Client Sample ID	Matrix	A&B Sample ID
24D3982-04	Waste Water	24052933.01

A handwritten signature in black ink, appearing to read 'S. C. LK'.

Released By: Senthilkumar Sevukan
Title: Vice President Operations
Date: 5/29/2024



This Laboratory is NELAP (T104704213-23-31) accredited. Effective: 04/01/2024; Expires: 03/31/2025
Scope: Non-Potable Water, Drinking Water, Air, Solid, Biological Tissue, Hazardous Waste

I am the laboratory manager, or his/her designee, and I am responsible for the release of this data package. This laboratory data package has been reviewed and is complete and technically compliant with the requirements of the methods used, except where noted in the attached exception reports. I affirm, to the best of my knowledge that all problems/anomalies observed by this laboratory (and if applicable, any and all laboratories subcontracted through this laboratory) that might affect the quality of the data, have been identified in the Laboratory Review Checklist, and that no information or data have been knowingly withheld that would affect the quality of the data.

This report cannot be reproduced, except in full, without prior written permission of A&B Labs. Results shown relate only to the items tested. Results apply to the sample as received. Samples are assumed to be in acceptable condition unless otherwise noted. Blank correction is not made unless otherwise noted. Air concentrations reported are based on field sampling information provided by client. Soil samples are reported on a wet weight basis unless otherwise noted. Uncertainty estimates are available on request.

ab-q210-0321

Date Received : 05/28/2024 08:15

LABORATORY TERM AND QUALIFIER DEFINITION REPORT



Job ID : 24052933

Date: 5/29/2024

General Term Definition

Back-Wt	Back Weight	MQL	Unadjusted Minimum Quantitation Limit
BRL	Below Reporting Limit	Post-Wt	Post Weight
cfu	colony-forming units	ppm	parts per million
Conc.	Concentration	Pre-Wt	Previous Weight
D.F.	Dilution Factor	Q	Qualifier
Front-Wt	Front Weight	RegLimit	Regulatory Limit
J	Estimation. Below calibration range but above MDL	RLU	Relative Light Unit
LCS	Laboratory Check Standard	RPD	Relative Percent Difference
LCSD	Laboratory Check Standard Duplicate	RptLimit	Reporting Limit
LOD	Limit of detection adjusted for %M + DF	SDL	Sample Detection Limit
LOQ	Limit of Quantitation adjusted for %M + DF	surr	Surrogate
MS	Matrix Spike	T	Time
MSD	Matrix Spike Duplicate	TNTC	Too numerous to count
MW	Molecular Weight	UQL	Unadjusted Upper Quantitation Limit

Qualifier Definition

**LABORATORY TEST RESULTS**

Job ID : 24052933

Date 5/29/2024

Client Name: NWDLS

Attn: Deena Higginbotham

Project Name: 24D3982

Client Sample ID: 24D3982-04

Job Sample ID: 24052933.01

Date Collected: 05/14/24

Sample Matrix Waste Water

Time Collected: 12:30

% Moisture

Other Information:

Test Method	Parameter/Test Description	Result	Units	DF	SDL	SQL	Reg Limit	Q	Date Time	Analyst
SM 4500CNC/E	Cyanide, Total Ultra Low									
	Cyanide	0.00405	mg/L	1	0.00069	0.00200			05/28/24 11:51	SKC

QUALITY CONTROL CERTIFICATE



Job ID : 24052933

Date : 5/29/2024

Analysis : Cyanide, Total Ultra Low Method : SM 4500CNC/E Reporting Units : mg/L

QC Batch ID : Qb24052891 Created Date : 05/28/24 Created By : Srijan

Samples in This QC Batch : 24052933.01

Sample Preparation : PB24052838 Prep Method : SM 4500CNC/E Prep Date : 05/28/24 10:15 Prep By : Srijan

QC Type: Method Blank

Parameter	CAS #	Result	Units	D.F.	MQL	MDL	Qual
Cyanide	57-12-5	< MDL	mg/L	1	0.002	0.00069	

QC Type: Duplicate

QC Sample ID: 24052932.01

Parameter	QCSample Result	Sample Result	Units	RPD	CtrlLimit	Qual
Cyanide	0.00285	0.0030	mg/L	5.1	20	

QC Type: LCS and LCSD

Parameter	LCS Spk Added	LCS Result	LCS % Rec	LCSD Spk Added	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
Cyanide	0.02	0.019	95	0.02	0.019	95	0	20	90-110	

QC Type: MS and MSD

QC Sample ID: 24052932.01

Parameter	Sample Result	MS Spk Added	MS Result	MS % Rec	MSD Spk Added	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
Cyanide	0.0030	0.02	0.0205	87.5						80-120	



Sample Condition Checklist

A&B JobID : 24052933		Date Received : 05/28/2024		Time Received : 8:15AM											
Client Name : NWDLS															
Temperature : 2.1°C		Sample pH : >12 CN													
Thermometer ID : IR7		pH Paper ID : 115063													
Perservative :		Lot# :													
	Check Points				Yes	No	N/A								
1.	Cooler Seal present and signed.					X									
2.	Sample(s) in a cooler.				X										
3.	If yes, ice in cooler.				X										
4.	Sample(s) received with chain-of-custody.				X										
5.	C-O-C signed and dated.				X										
6.	Sample(s) received with signed sample custody seal.					X									
7.	Sample containers arrived intact. (If No comment)				X										
8.	Matrix:	Water	Soil	Liquid	Sludge	Solid	Cassette	Tube	Bulk	Badge	Food	Other			
		☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐			
9.	Samples were received in appropriate container(s)				X										
10.	Sample(s) were received with Proper preservative				X										
11.	All samples were tagged or labeled.				X										
12.	Sample ID labels match C-O-C ID's.				X										
13.	Bottle count on C-O-C matches bottles found.				X										
14.	Sample volume is sufficient for analyses requested.				X										
15.	Samples were received with in the hold time.				X										
16.	VOA vials completely filled.														X
17.	Sample accepted.				X										
18.	Has client been contacted about sub-out														X

Comments : Include actions taken to resolve discrepancies/problem:

CN: NaOH+NaAsO2. ~ANS 05/28/24

Brought by : Client
Received by : ASmith

Check in by/date : ASmith / 05/28/2024

ab-s005-1123

Laboratory Analysis Report

Total Number of Pages: 10

Job ID : 24051825



10100 East Freeway, Suite 100, Houston, TX 77029 tel: 713-453-6060, fax: 713-453-6091, <http://www.ablabs.com>

Client Project Name : 24D3983

Report To :	Client Name:	NWDLS	P.O.#.: 24D3983
	Attn:	Deena Higginbotham	Sample Collected By:
	Client Address:	130 S Trade Center Pkwy	Date Collected: 05/14/24
	City, State, Zip:	Conroe, Texas, 77385	

A&B Labs has analyzed the following samples...

Client Sample ID	Matrix	A&B Sample ID
24D3983-01	Waste Water	24051825.01

A handwritten signature in black ink, appearing to read 'S. C. LK.' with a horizontal line underneath.

Released By: Senthilkumar Sevukan
Title: Vice President Operations
Date: 05/23/2024



This Laboratory is NELAP (T104704213-23-31) accredited. Effective: 04/01/2024; Expires: 03/31/2025
Scope: Non-Potable Water, Drinking Water, Air, Solid, Biological Tissue, Hazardous Waste

I am the laboratory manager, or his/her designee, and I am responsible for the release of this data package. This laboratory data package has been reviewed and is complete and technically compliant with the requirements of the methods used, except where noted in the attached exception reports. I affirm, to the best of my knowledge that all problems/anomalies observed by this laboratory (and if applicable, any and all laboratories subcontracted through this laboratory) that might affect the quality of the data, have been identified in the Laboratory Review Checklist, and that no information or data have been knowingly withheld that would affect the quality of the data.

This report cannot be reproduced, except in full, without prior written permission of A&B Labs. Results shown relate only to the items tested. Results apply to the sample as received. Samples are assumed to be in acceptable condition unless otherwise noted. Blank correction is not made unless otherwise noted. Air concentrations reported are based on field sampling information provided by client. Soil samples are reported on a wet weight basis unless otherwise noted. Uncertainty estimates are available on request.

ab-q210-0321

Date Received : 05/16/2024 08:50



Laboratory Report: Case Narrative

A&B Job ID: 24051825

Date: 05/23/24

Client Name: NWDLS
Project Name: 24D3983
Date Received: 05/16/24
Collected By:

Attn: Deena Higginbotham

Sample storage temperature exceeded acceptable criteria for a period of time following a prolonged power outage. The outage was caused by inclement weather on the afternoon of May 16th, 2024. Results that are qualified with Q1 and/or N1 may be impacted.

Please do not hesitate to contact us with any questions or concerns regarding your laboratory report.

A&B Labs is pleased to be of service to you and we look forward to fulfilling all of your future analytical needs.

A handwritten signature in black ink, appearing to read 'Senthilkumar Sevukan'.

Released By: Senthilkumar Sevukan

Title: Vice President Operations

LABORATORY TERM AND QUALIFIER DEFINITION REPORT



Job ID : 24051825

Date: 5/23/2024

General Term Definition

Back-Wt	Back Weight	MQL	Unadjusted Minimum Quantitation Limit
BRL	Below Reporting Limit	Post-Wt	Post Weight
cfu	colony-forming units	ppm	parts per million
Conc.	Concentration	Pre-Wt	Previous Weight
D.F.	Dilution Factor	Q	Qualifier
Front-Wt	Front Weight	RegLimit	Regulatory Limit
J	Estimation. Below calibration range but above MDL	RLU	Relative Light Unit
LCS	Laboratory Check Standard	RPD	Relative Percent Difference
LCSD	Laboratory Check Standard Duplicate	RptLimit	Reporting Limit
LOD	Limit of detection adjusted for %M + DF	SDL	Sample Detection Limit
LOQ	Limit of Quantitation adjusted for %M + DF	surr	Surrogate
MS	Matrix Spike	T	Time
MSD	Matrix Spike Duplicate	TNTC	Too numerous to count
MW	Molecular Weight	UQL	Unadjusted Upper Quantitation Limit

Qualifier Definition

M1	Matrix Spike and/or Matrix Spike Duplicate recovery is above laboratory control limits due to matrix interference. "The sample randomly selected as QC for this batch was not part of your project. Therefore, this sample matrix is not applicable to your project samples."
M2	Matrix Spike and/or Matrix Spike Duplicate recovery is below laboratory control limits due to matrix interference.
N1	See case narrative.
Q1	Sample integrity was not maintained.
S6	Surrogate recovery is outside control limits due to matrix effects.
U	Undetected at SDL (Sample Detection Limit).
V12	Closing CCV recovery is outside of acceptance limits.



LABORATORY TEST RESULTS

Job ID : 24051825

Date 5/23/2024

Client Name: NWDLS

Attn: Deena Higginbotham

Project Name: 24D3983

Client Sample ID: 24D3983-01

Job Sample ID: 24051825.01

Date Collected: 05/14/24

Sample Matrix Waste Water

Time Collected: 08:50

% Moisture

Other Information:

Test Method	Parameter/Test Description	Result	Units	DF	SDL	SQL	Reg Limit	Q	Date Time	Analyst
EPA 608.3	Polychlorinated Biphenyls									
	Aroclor 1016	<0.03	ug/L	1.00	0.03	0.0500		U	05/21/24 03:36	MQ
	Aroclor 1221	<0.03	ug/L	1.00	0.03	0.0500		U	05/21/24 03:36	MQ
	Aroclor 1232	<0.03	ug/L	1.00	0.03	0.0500		U	05/21/24 03:36	MQ
	Aroclor 1242	<0.03	ug/L	1.00	0.03	0.0500		U	05/21/24 03:36	MQ
	Aroclor 1248	<0.03	ug/L	1.00	0.03	0.0500		U	05/21/24 03:36	MQ
	Aroclor 1254	<0.03	ug/L	1.00	0.03	0.0500		U	05/21/24 03:36	MQ
	Aroclor 1260	<0.03	ug/L	1.00	0.03	0.0500		U	05/21/24 03:36	MQ
	Total PCBs	<0.03	ug/L	1.00	0.03	0.0500		U	05/21/24 03:36	MQ
	Decachlorobiphenyl(surr)	66.5	%	1.00		35-129			05/21/24 03:36	MQ
	Tetrachloro-m-xylene(surr)	76	%	1.00		27-127			05/21/24 03:36	MQ
EPA 608.3	Organochlorine Pesticides									
	Dicofol ²	<0.055	ug/L	1.09	0.055	0.055		N1, Q1,U	05/20/24 12:49	MQ
	4,4-DDD	<0.002	ug/L	1.09	0.002	0.011		U	05/20/24 12:49	MQ
	4,4-DDE	<0.010	ug/L	1.09	0.010	0.011		V12,U	05/20/24 12:49	MQ
	4,4-DDT	<0.004	ug/L	1.09	0.004	0.011		V12,U	05/20/24 12:49	MQ
	a-BHC	<0.003	ug/L	1.09	0.003	0.011		U	05/20/24 12:49	MQ
	Aldrin	<0.004	ug/L	1.09	0.004	0.011		U	05/20/24 12:49	MQ
	b-BHC	<0.004	ug/L	1.09	0.004	0.011		U	05/20/24 12:49	MQ
	Chlordane	<0.109	ug/L	1.09	0.109	0.109		U	05/20/24 12:49	MQ
	d-BHC	<0.007	ug/L	1.09	0.007	0.011		U	05/20/24 12:49	MQ
	Dieldrin	<0.006	ug/L	1.09	0.006	0.011		U	05/20/24 12:49	MQ
	Endosulfan I	<0.008	ug/L	1.09	0.008	0.011		U	05/20/24 12:49	MQ
	Endosulfan II	<0.004	ug/L	1.09	0.004	0.011		U	05/20/24 12:49	MQ
	Endosulfan sulfate	<0.006	ug/L	1.09	0.006	0.011		U	05/20/24 12:49	MQ
	Endrin	<0.004	ug/L	1.09	0.004	0.011		U	05/20/24 12:49	MQ
	Endrin aldehyde	<0.003	ug/L	1.09	0.003	0.011		U	05/20/24 12:49	MQ
	Endrin ketone	<0.004	ug/L	1.09	0.004	0.011		V12,U	05/20/24 12:49	MQ
	g-BHC	<0.004	ug/L	1.09	0.004	0.011		U	05/20/24 12:49	MQ
	Heptachlor	<0.004	ug/L	1.09	0.004	0.011		U	05/20/24 12:49	MQ
	Heptachlor epoxide	<0.004	ug/L	1.09	0.004	0.011		U	05/20/24 12:49	MQ
	Methoxychlor	<0.003	ug/L	1.09	0.003	0.011		V12,U	05/20/24 12:49	MQ
	Mirex ²	<0.011	ug/L	1.09	0.011	0.011		U	05/20/24 12:49	MQ
	Toxaphene	<0.109	ug/L	1.09	0.109	0.109		U	05/20/24 12:49	MQ
	Decachlorobiphenyl(surr)	5.75	%	1.09		34-120		S6	05/20/24 12:49	MQ

ab-q212-0321



LABORATORY TEST RESULTS

Job ID : 24051825

Date 5/23/2024

Client Name: NWDLS Attn: Deena Higginbotham
Project Name: 24D3983

Client Sample ID: 24D3983-01 Job Sample ID: 24051825.01
Date Collected: 05/14/24 Sample Matrix Waste Water
Time Collected: 08:50 % Moisture
Other Information:

Test Method	Parameter/Test Description	Result	Units	DF	SDL	SQL	Reg Limit	Q	Date Time	Analyst
EPA 608.3	Organochlorine Pesticides									
	Tetrachloro-m-xylene(surr)	58.5	%	1.09		24-127			05/20/24 12:49	MQ

ab-q212-0321

²-Parameter not available for accreditation.

QUALITY CONTROL CERTIFICATE



Job ID : 24051825

Date : 5/23/2024

Analysis : Polychlorinated Biphenyls

Method : EPA 608.3

Reporting Units : ug/L

QC Batch ID : Qb240521120 Created Date : 05/20/24

Created By : mqiao

Samples in This QC Batch : 24051825.01

Extraction : PB24051660

Prep Method : EPA 608.3

Prep Date : 05/16/24 12:00

Prep By : MMuteen

QC Type: Method Blank

Parameter	CAS #	Result	Units	D.F.	MQL	MDL		Qual
Aroclor 1016	12674-11-2	< MDL	ug/L	1.00	0.05	0.025		
Aroclor 1221	11104-28-2	< MDL	ug/L	1.00	0.05	0.026		
Aroclor 1232	11141-16-5	< MDL	ug/L	1.00	0.05	0.026		
Aroclor 1242	53469-21-9	< MDL	ug/L	1.00	0.05	0.026		
Aroclor 1248	12672-29-6	< MDL	ug/L	1.00	0.05	0.026		
Aroclor 1254	11097-69-1	< MDL	ug/L	1.00	0.05	0.026		
Aroclor 1260	11096-82-5	< MDL	ug/L	1.00	0.05	0.026		
Total PCBs		< MDL	ug/L	1.00	0.05	0.026		
Decachlorobiphenyl(surr)	2051-24-3	83	%	1.00				
Tetrachloro-m-xylene(surr)	877-09-8	70	%	1.00				

QC Type: LCS and LCSD

Parameter	LCS Spk Added	LCS Result	LCS % Rec	LCSD Spk Added	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
Aroclor 1016	2	2.07	104	2	2.15	107	3.7	18	53.7-136	
Aroclor 1260	2	1.79	89.6	2	1.83	91.5	2.1	18	57.9-146	
Total PCBs	4	3.86	96.6	4	3.98	99.5	3	18	51.7-138	

QC Type: MS and MSD

QC Sample ID: 24051824.01

Parameter	Sample Result	MS Spk Added	MS Result	MS % Rec	MSD Spk Added	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
Aroclor 1016	BRL	2	4.91	246						50-140	M1
Aroclor 1260	BRL	2	0.932	46.6						10-140	
Total PCBs	BRL	4	5.84	146						50-140	M1

QUALITY CONTROL CERTIFICATE



Job ID : 24051825

Date : 5/23/2024

Analysis : Organochlorine Pesticides

Method : EPA 608.3

Reporting Units : ug/L

QC Batch ID : Qb24052223

Created Date : 05/20/24

Created By : mqiao

Samples in This QC Batch : 24051825.01

Extraction : PB24051662

Prep Method : EPA 608.3

Prep Date : 05/16/24 12:00 **Prep By :** MMuteen

QC Type: Method Blank

Parameter	CAS #	Result	Units	D.F.	MQL	MDL		Qual
Dicofol	115-32-2	< MDL	ug/L	1.00	0.05	0.05		
4,4-DDD	72-54-8	< MDL	ug/L	1.00	0.01	0.002		
4,4-DDE	72-55-9	< MDL	ug/L	1.00	0.01	0.009		
4,4-DDT	50-29-3	< MDL	ug/L	1.00	0.01	0.004		
a-BHC	319-84-6	< MDL	ug/L	1.00	0.01	0.003		
Aldrin	309-00-2	< MDL	ug/L	1.00	0.01	0.004		
b-BHC	319-85-7	< MDL	ug/L	1.00	0.01	0.004		
Chlordane	57-74-9	< MDL	ug/L	1.00	0.1	0.1		
d-BHC	319-86-8	< MDL	ug/L	1.00	0.01	0.006		
Dieldrin	60-57-1	< MDL	ug/L	1.00	0.01	0.005		
Endosulfan I	959-98-8	< MDL	ug/L	1.00	0.01	0.007		
Endosulfan II	33213-65-9	< MDL	ug/L	1.00	0.01	0.004		
Endosulfan sulfate	1031-07-8	< MDL	ug/L	1.00	0.01	0.005		
Endrin	72-20-8	< MDL	ug/L	1.00	0.01	0.004		
Endrin aldehyde	7421-93-4	< MDL	ug/L	1.00	0.01	0.003		
Endrin ketone	53494-70-5	< MDL	ug/L	1.00	0.01	0.004		
g-BHC	58-89-9	< MDL	ug/L	1.00	0.01	0.004		
Heptachlor	76-44-8	< MDL	ug/L	1.00	0.01	0.004		
Heptachlor epoxide	1024-57-3	< MDL	ug/L	1.00	0.01	0.004		
Methoxychlor	72-43-5	< MDL	ug/L	1.00	0.01	0.003		
Mirex	2385-85-5	< MDL	ug/L	1.00	0.01	0.01		
Toxaphene	8001-35-2	< MDL	ug/L	1.00	0.1	0.1		
Tetrachloro-m-xylene(surr)	877-09-8	85.5	%	1.00				
Decachlorobiphenyl(surr)	2051-24-3	60.3	%	1.00				

QC Type: LCS and LCSD

Parameter	LCS Spk Added	LCS Result	LCS % Rec	LCSD Spk Added	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
4,4-DDD	0.2	0.234	117	0.2	0.265	133	12.6	24	40.8-141	
4,4-DDE	0.2	0.208	104	0.2	0.240	120	14.3	21	30-145	
4,4-DDT	0.2	0.0710	35.5	0.2	0.0710	35.5	23.6	30	34.3-134	
a-BHC	0.2	0.159	79.5	0.2	0.177	88.5	10.7	25	37-125	
Aldrin	0.2	0.196	97.8	0.2	0.220	110	11.8	23	42-129	
b-BHC	0.2	0.188	93.8	0.2	0.225	113	18.2	24	38.5-133	
d-BHC	0.2	0.155	77.5	0.2	0.180	90	14.9	20	26.5-140	
Dieldrin	0.2	0.196	97.8	0.2	0.230	115	16.2	21	40.7-133	
Endosulfan I	0.2	0.0950	47.5	0.2	0.120	60.3	23.3	24	45-124	

ab-q213-0321

Refer to the Definition page for terms.

QUALITY CONTROL CERTIFICATE



Job ID : 24051825

Date : 5/23/2024

Analysis : Organochlorine Pesticides

Method : EPA 608.3

Reporting Units : ug/L

QC Batch ID : Qb24052223

Created Date : 05/20/24

Created By : mqiao

Samples in This QC Batch : 24051825.01

QC Type: LCS and LCSD

Parameter	LCS Spk Added	LCS Result	LCS % Rec	LCSD Spk Added	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
Endosulfan II	0.2	0.144	72.3	0.2	0.173	86.5	18	21	10-114	
Endosulfan sulfate	0.2	0.154	77.3	0.2	0.188	93.8	19.6	20	45-131	
Endrin	0.2	0.198	98.8	0.2	0.232	116	16.1	24	35.1-136	
Endrin aldehyde	0.2	0.182	91	0.2	0.239	120	27.1	33	33.9-130	
Endrin ketone	0.2	0.106	53	0.2	0.131	65.5	21.1	20	32.3-146	
g-BHC	0.2	0.165	82.5	0.2	0.186	93	12	25	39-132	
Heptachlor	0.2	0.180	89.8	0.2	0.206	103	13.7	20	34.6-134	
Heptachlor epoxide	0.2	0.196	98.3	0.2	0.224	112	13.1	24	39.2-135	
Methoxychlor	0.2	0.0980	49	0.2	0.0805	40.3	27.6	24	37.7-143	

QC Type: MS and MSD

QC Sample ID: 24051825.01

Parameter	Sample Result	MS Spk Added	MS Result	MS % Rec	MSD Spk Added	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
4,4-DDD	BRL	0.2	0.114	57						31-141	
4,4-DDE	BRL	0.2	0.0538	26.9						30-145	M2
4,4-DDT	BRL	0.2	0.012	6.18						25-160	M2
a-BHC	BRL	0.215	0.140	65.3						37-140	
Aldrin	BRL	0.2	0.040	19.9						42-140	M2
b-BHC	BRL	0.215	0.132	61.5						17-147	
d-BHC	BRL	0.215	0.140	65.3						19-140	
Dieldrin	BRL	0.2	0.123	61.6						36-146	
Endosulfan I	BRL	0.2	0.102	51.1						45-153	
Endosulfan II	BRL	0.215	0.0640	29.8						10-190	
Endosulfan sulfate	BRL	0.215	0.122	56.5						26-144	
Endrin	BRL	0.215	0.102	47.5						30-147	
Endrin aldehyde	BRL	0.2	0.178	89						60-140	
Endrin ketone	BRL	0.2	0.124	61.8						60-140	
g-BHC	BRL	0.215	0.127	59.3						32-140	
Heptachlor	BRL	0.2	0.0817	40.9						34-140	
Heptachlor epoxide	BRL	0.215	0.103	48						37-142	
Methoxychlor	BRL	0.2	0.170	85.2						60-140	



Job ID:24051825



05/16/2024

NWDLS

AMS

**SUBCONTRACT
ORDER****Sending Laboratory:**

North Water District Laboratory Services, Inc.
130 South Trade Center Parkway
Conroe, TX 77385
Phone: 936-321-6060
Fax: 936-321-6061

Project Manager: Deena Higginbotham

Subcontracted Laboratory:

A & B Labs
10100 East Freeway, Suite 100
Houston, TX 77029
Phone: (713) 453-6060
Fax: (713) 453-6091

Work Order: 24D3983

Analysis	Due	Expires	Comments
----------	-----	---------	----------

Sample ID: 24D3983-01 Waste Water Sampled: 05/14/2024 08:50

OCP-608

05/28/2024 05/21/2024 08:50

Analyte(s):

O/AB

2,4,5,6 Tetrachloro-m-xylene-surr
4,4'-DDT
beta-BHC (beta-Hexachlorocyclohexane)
delta-BHC
Endosulfan I
Endrin
gamma-BHC (Lindane, gamma-Hexachlorocyclot
Methoxychlor

4,4'-DDD
Aldrin
Chlordane (Total)
Dicofol
Endosulfan II
Endrin aldehyde
Heptachlor
Mirex

4,4'-DDE
alpha-BHC (alpha-Hexachlorocyclohexane)
Decachlorobiphenyl-surr
Dieldrin
Endosulfan sulfate
Endrin ketone
Heptachlor epoxide
Toxaphene (Chlorinated Camphene)

PCB-608

05/28/2024 05/09/2025 08:50

Analyte(s):

2,4,5,6 Tetrachloro-m-xylene-surr
Aroclor-1232 (PCB-1232)
Aroclor-1254 (PCB-1254)
PCBs, Total

Aroclor-1016 (PCB-1016)
Aroclor-1242 (PCB-1242)
Aroclor-1260 (PCB-1260)

Aroclor-1221 (PCB-1221)
Aroclor-1248 (PCB-1248)
Decachlorobiphenyl-surr

Containers Supplied:

Released By

Date

Received By

Date

3.9°C
IRS



Sample Condition Checklist

A&B JobID : 24051825		Date Received : 05/16/2024		Time Received : 8:50AM								
Client Name : NWDLS												
Temperature : 3.9°C		Sample pH : NA										
Thermometer ID : IR5		pH Paper ID : NA										
Perservative :		Lot# :										
	Check Points			Yes	No	N/A						
1.	Cooler Seal present and signed.				X							
2.	Sample(s) in a cooler.			X								
3.	If yes, ice in cooler.			X								
4.	Sample(s) received with chain-of-custody.			X								
5.	C-O-C signed and dated.			X								
6.	Sample(s) received with signed sample custody seal.				X							
7.	Sample containers arrived intact. (If No comment)			X								
8.	Matrix:	Water	Soil	Liquid	Sludge	Solid	Cassette	Tube	Bulk	Badge	Food	Other
		☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
9.	Samples were received in appropriate container(s)			X								
10.	Sample(s) were received with Proper preservative											X
11.	All samples were tagged or labeled.			X								
12.	Sample ID labels match C-O-C ID's.			X								
13.	Bottle count on C-O-C matches bottles found.			X								
14.	Sample volume is sufficient for analyses requested.			X								
15.	Samples were received with in the hold time.			X								
16.	VOA vials completely filled.											X
17.	Sample accepted.			X								
18.	Has client been contacted about sub-out											X

Comments : Include actions taken to resolve discrepancies/problem:

--

Brought by : Client

Received by : Jedralin

Check in by/date : Amber / 05/16/2024

ab-s005-1123



Project
1103542

NWDS-G

North Water District Laboratory
Deena McDaniel
130 S Trade Center Parkway
Conroe, TX 77385

Printed 05/28/2024
5:19

TABLE OF CONTENTS

This report consists of this Table of Contents and the following pages:

Report Name	Description	Pages
1103542_r02_01_ProjectSamples	SPL Kilgore Project P:1103542 C:NWDS Project Sample Cross Reference t:304	1
1103542_r03_03_ProjectResults	SPL Kilgore Project P:1103542 C:NWDS Project Results t:304 PO: #26201	2
1103542_r10_05_ProjectQC	SPL Kilgore Project P:1103542 C:NWDS Project Quality Control Groups	1
1103542_r99_09_CoC__1_of_1	SPL Kilgore CoC NWDS 1103542_1_of_1	2
Total Pages:		6





SAMPLE CROSS REFERENCE

Project
1103542

North Water District Laboratory
Deena McDaniel
130 S Trade Center Parkway
Conroe, TX 77385

Printed 5/28/2024 Page 1 of 1

Sample	Sample ID	Taken	Time	Received
2299505	24D3983-01	05/16/2024		05/16/2024

Bottle 01 Client Supplied Amber Glass
Bottle 02 Client Supplied Amber Glass
Bottle 03 Prepared Bottle: 632L\632S 2 mL Autosampler Vial (Batch 1119847) Volume: 1.00000 mL <== Derived from 01 (984 ml)

Method	Bottle	PrepSet	Preparation	QcGroup	Analytical
EPA 632	03	1119847	05/17/2024	1120986	05/24/2024

Email: Kilgore.ProjectManagement@spllabs.com

NWDS-G

Page 1 of 2

North Water District Laboratory
Deena McDaniel
130 S Trade Center Parkway
Conroe, TX 77385

Project
1103542

Printed: 05/28/2024

RESULTS

Sample Results

2299505 24D3983-01

Received: 05/16/2024

Non-Potable Water

Collected by: Client
Taken: 05/16/2024

North Water District

PO: #26201

Prepared: 05/28/2024 07:15:00 Analyzed 05/28/2024 07:15:00 WJP

Parameter	Results	Units	RL	Flags	CAS	Bottle
Check Limits	Completed					

EPA 632 Prepared: 1119847 05/17/2024 12:30:00 Analyzed 1120986 05/24/2024 01:04:00 BRU

Parameter	Results	Units	RL	Flags	CAS	Bottle
Carbaryl (Sevin)	<2.54	ug/L	2.54		63-25-2	03
Diuron	<0.0457	ug/L	0.0457		330-54-1	03

Sample Preparation

2299505 24D3983-01

Received: 05/16/2024

05/16/2024

#26201

Prepared: 05/16/2024 15:09:22 Calculated 05/16/2024 15:09:22 CAL

Environmental Fee (per Project) Verified

Prepared: 05/28/2024 07:15:00 Analyzed 05/28/2024 07:15:00 WJP

Level IV Data Review Completed

EPA 632 Prepared: 1119847 05/17/2024 12:30:00 Analyzed 1119847 05/17/2024 12:30:00 SAB

Liquid-Liquid Extr. W/Hex Ex 1/984 ml 01



Report Page 3 of 7

NWDS-G

Page 2 of 2

North Water District Laboratory
 Deena McDaniel
 130 S Trade Center Parkway
 Conroe, TX 77385

Project
1103542

Printed: 05/28/2024

2299505 24D3983-01

Received: 05/16/2024

#26201

05/16/2024

EPA 632 Prepared: 1119847 05/17/2024 12:30:00 Analyzed 1120986 05/24/2024 01:04:00 BRU

NELAC Carbaryl/Diuron Entered 03

Qualifiers:

We report results on an As Received (or Wet) basis unless marked Dry Weight.

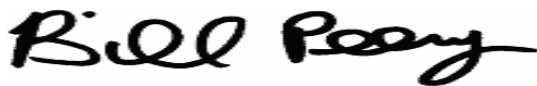
Unless otherwise noted, testing was performed at SPL, Inc.- Kilgore laboratory which holds International, Federal, and state accreditations. Please see our Websites for details.

(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, MS, VP Technical Services



Report Page 4 of 7

QUALITY CONTROL



NWDS-G

North Water District Laboratory
Deena McDaniel
130 S Trade Center Parkway
Conroe, TX 77385

Page 1 of 1

Project
1103542

Printed 05/28/2024

Analytical Set 1120986

EPA 632

Blank

Parameter	PrepSet	Reading	MDL	MQL	Units	File
Carbaryl (Sevin)	1119847	ND	66.1	2500	ug/L	126369979
Diuron	1119847	73.0	44.4	45.0	ug/L	126369979

CCV

Parameter	Reading	Known	Units	Recover%	Limits%	File
Carbaryl (Sevin)	485	500	ug/L	97.0	70.0 - 130	126369978
Carbaryl (Sevin)	552	500	ug/L	110	70.0 - 130	126369982
Carbaryl (Sevin)	510	500	ug/L	102	70.0 - 130	126369986
Diuron	557	500	ug/L	111	70.0 - 130	126369978
Diuron	562	500	ug/L	112	70.0 - 130	126369982
Diuron	535	500	ug/L	107	70.0 - 130	126369986

LCS Dup

Parameter	PrepSet	LCS	LCSD	Known	Limits%	LCS%	LCSD%	Units	RPD	Limit%
Carbaryl (Sevin)	1119847	721	871	1000	17.1 - 131	72.1	87.1	ug/L	18.8	30.0
Diuron	1119847	407	372	1000	0.100 - 138	40.7	37.2	ug/L	8.99	30.0

* Out RPD is Relative Percent Difference: $\text{abs}(r_1 - r_2) / \text{mean}(r_1, r_2) * 100\%$

Recover% is Recovery Percent: $\text{result} / \text{known} * 100\%$

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.)

Email: Kilgore.ProjectManagement@spllabs.com



Report Page 5 of 7



SUBCONTRACT ORDER

Sending Laboratory:

North Water District Laboratory Services, Inc.
130 South Trade Center Parkway
Conroe, TX 77385
Phone: 936-321-6060
Fax: 936-321-6061

Project Manager: Deena Higginbotham

Subcontracted Laboratory:

SPL
2600 Dudley Rd
Kilgore, TX 75662
Phone: (903) 984-0551
Fax:

Work Order: 24D3983

2299505

Analysis	Due	Expires	Comments
----------	-----	---------	----------

Sample ID: 24D3983-01 Waste Water Sampled: 05/14/2024 08:50

Sub_CBURP-632 05/28/2024 05/21/2024 08:50

Analyte(s):

Carbaryl

Diuron

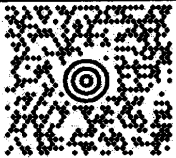
Containers Supplied:

 Released By	05.15.24 Date	 Received By	05.15.24 Date
-----------------	------------------	-----------------	------------------

UPS
5-16-24 1030

Andy Owens SPL
5-16-24 1045

1103542 CoC Print Group 001 of 001

CRAIG TODD 9363216060 NWDLS 130 S TRADE CENTER PKWY CONROE TX 77385		30 LBS	1 OF 1
SHIP TO: ANA-LAB 903-984-0551 ANA-LAB 2600 DUDLEY ROAD KILGORE TX 75662			
	TX 756 0-32 		
UPS NEXT DAY AIR			1
TRACKING #: 1Z 12W 40V 01 9979 2029			
			
BILLING: P/P			
 XBL 24.04.04 NV4S 20.0A 05/2024*			

5-16 1045 
 Date Time Tech
 Temp: 3.7 / 5.9 C
 Therm#: 6444 Corr Fact: 0.2 C

City of Victoria - Victoria, TX

Sample Delivery Group: L1820545

Samples Received: 01/28/2025

Project Number:

Description:

Report To: Curtis Davis

P.O. Box 1758

Victoria, TX 77902

Entire Report Reviewed By:

Lori A Vahrenkamp
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

TABLE OF CONTENTS

Cp: Cover Page	1
Tc: Table of Contents	2
Ss: Sample Summary	3
Cn: Case Narrative	4
Sr: Sample Results	5
EFFLUENT ODEM L1820545-01	5
Qc: Quality Control Summary	6
Gravimetric Analysis by Method 2540C	6
Gravimetric Analysis by Method 2540D	7
Wet Chemistry by Method 1664B	8
Wet Chemistry by Method 2320B	9
Wet Chemistry by Method 300.0	10
Wet Chemistry by Method 351.2	13
Wet Chemistry by Method 4500P-E	14
Wet Chemistry by Method 5210 B-2016	15
Wet Chemistry by Method SM4500NH3H	16
Gl: Glossary of Terms	17
Al: Accreditations & Locations	18
Sc: Sample Chain of Custody	19

¹ Cp
² Tc
³ Ss
⁴ Cn
⁵ Sr
⁶ Qc
⁷ Gl
⁸ Al
⁹ Sc

SAMPLE SUMMARY

EFFLUENT ODEM L1820545-01 WW

Collected by
J Marquez

Collected date/time
01/27/25 12:15

Received date/time
01/28/25 09:35

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540C	WG2441262	1	01/28/25 13:30	01/28/25 15:59	QQT	Allen, TX
Gravimetric Analysis by Method 2540D	WG2444853	1	02/03/25 09:27	02/03/25 11:10	QQT	Allen, TX
Wet Chemistry by Method 1664B	WG2442748	1	01/30/25 13:44	01/30/25 20:46	DAL	Mt. Juliet, TN
Wet Chemistry by Method 2320B	WG2444864	1	02/03/25 10:58	02/03/25 10:58	SKW	Allen, TX
Wet Chemistry by Method 300.0	WG2441071	2	01/28/25 16:28	01/28/25 16:28	JBS	Allen, TX
Wet Chemistry by Method 300.0	WG2441073	1	01/28/25 17:53	01/28/25 17:53	JBS	Allen, TX
Wet Chemistry by Method 300.0	WG2441074	1	01/29/25 10:22	01/29/25 10:22	JBS	Allen, TX
Wet Chemistry by Method 351.2	WG2444845	1	02/03/25 18:52	02/03/25 20:13	EIG	Allen, TX
Wet Chemistry by Method 4500P-E	WG2443468	10	01/31/25 17:58	01/31/25 17:58	SMC	Allen, TX
Wet Chemistry by Method 5210 B-2016	WG2441040	1	01/28/25 16:54	02/02/25 12:56	SKW	Allen, TX
Wet Chemistry by Method SM4500NH3H	WG2441786	1	01/29/25 12:43	01/29/25 12:43	EIG	Allen, TX

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Lori A Vahrenkamp
Project Manager

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

EFFLUENT ODEM

Collected date/time: 01/27/25 12:15

SAMPLE RESULTS - 01

L1820545

Gravimetric Analysis by Method 2540C

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Total Dissolved Solids	602		50.0	1	01/28/2025 15:59	WG2441262

Gravimetric Analysis by Method 2540D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Suspended Solids	<2.50		2.50	1	02/03/2025 11:10	WG2444853

Wet Chemistry by Method 1664B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Oil & Grease (Hexane Extr)	<1.63		1.63	5.81	1	01/30/2025 20:46	WG2442748

Wet Chemistry by Method 2320B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Alkalinity	145		20.0	20.0	1	02/03/2025 10:58	WG2444864
Alkalinity,Bicarbonate	145		20.0	20.0	1	02/03/2025 10:58	WG2444864
Alkalinity,Carbonate	<20.0		20.0	20.0	1	02/03/2025 10:58	WG2444864
Alkalinity,Hydroxide	<20.0		20.0	20.0	1	02/03/2025 10:58	WG2444864
Phenolphthalein Alkalinity	<20.0		20.0	20.0	1	02/03/2025 10:58	WG2444864

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Chloride	139		0.325	0.800	1	01/29/2025 10:22	WG2441074
Nitrate	21.0		0.758	1.00	2	01/28/2025 16:28	WG2441071
Sulfate	46.2		0.211	0.700	1	01/28/2025 17:53	WG2441073

Wet Chemistry by Method 351.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	1.21		0.140	0.250	1	02/03/2025 20:13	WG2444845

Wet Chemistry by Method 4500P-E

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Phosphorus,Total	3.13		0.152	0.500	10	01/31/2025 17:58	WG2443468

Wet Chemistry by Method 5210 B-2016

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
CBOD	1.50		1.00	1	02/02/2025 12:56	WG2441040

Wet Chemistry by Method SM4500NH3H

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	0.0971	J	0.0280	0.100	1	01/29/2025 12:43	WG2441786

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4171281-1 01/28/25 15:59

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/l		mg/l	mg/l
Total Dissolved Solids	<25.0		25.0	25.0

L1820338-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1820338-01 01/28/25 15:59 • (DUP) R4171281-3 01/28/25 15:59

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/l	mg/l		%		%
Total Dissolved Solids	1930	2080	1	7.50		10

Laboratory Control Sample (LCS)

(LCS) R4171281-2 01/28/25 15:59

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/l	mg/l	%	%	
Total Dissolved Solids	2260	2540	112	85.0-115	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4173224-1 02/03/25 11:10

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/l		mg/l	mg/l
Suspended Solids	<2.50		2.50	2.50

L1820549-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1820549-01 02/03/25 11:10 • (DUP) R4173224-3 02/03/25 11:10

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/l	mg/l		%		%
Suspended Solids	64.0	89.0	1	32.7	P1	10

L1820658-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1820658-01 02/03/25 11:10 • (DUP) R4173224-4 02/03/25 11:10

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/l	mg/l		%		%
Suspended Solids	21.0	20.5	1	2.41		10

Laboratory Control Sample (LCS)

(LCS) R4173224-2 02/03/25 11:10

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/l	mg/l	%	%	
Suspended Solids	854	799	93.6	85.0-115	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4172020-1 01/30/25 20:46

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Oil & Grease (Hexane Extr)	<1.40		1.40	5.00

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4172020-2 01/30/25 20:46 • (LCSD) R4172020-3 01/30/25 20:46

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Oil & Grease (Hexane Extr)	40.0	40.6	38.2	102	95.5	78.0-114			6.09	20

L1820547-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1820547-01 01/30/25 20:46 • (MS) R4172020-4 01/30/25 20:46

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Oil & Grease (Hexane Extr)	40.0	<1.67	43.0	107	1	78.0-114	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4172855-1 02/03/25 10:58

	MB Result	<u>MB Qualifier</u>	MB MDL	MB RDL
Analyte	mg/l		mg/l	mg/l
Alkalinity	<20.0		20.0	20.0
Alkalinity,Bicarbonate	<20.0		20.0	20.0
Alkalinity,Carbonate	<20.0		20.0	20.0
Alkalinity,Hydroxide	<20.0		20.0	20.0
Phenolphthalein Alkalinity	<20.0		20.0	20.0

L1820551-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1820551-01 02/03/25 10:58 • (DUP) R4172855-3 02/03/25 10:58

	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
Analyte	mg/l	mg/l		%		%
Alkalinity	215	220	1	2.30		20

Laboratory Control Sample (LCS)

(LCS) R4172855-2 02/03/25 10:58

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	<u>LCS Qualifier</u>
Analyte	mg/l	mg/l	%	%	
Alkalinity	250	240	96.0	90.0-110	

1

Cp

2

Tc

3

Ss

4

Cn

5

Sr

6

Qc

7

Gl

8

Al

9

Sc

Method Blank (MB)

(MB) R4171204-1 01/28/25 14:15

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/l		mg/l	mg/l
Nitrate	<0.379		0.379	0.500

Laboratory Control Sample (LCS)

(LCS) R4171204-2 01/28/25 14:30

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/l	mg/l	%	%	
Nitrate	5.00	4.58	91.7	90.0-110	

L1820412-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1820412-01 01/28/25 14:59 • (MS) R4171204-3 01/28/25 15:14 • (MSD) R4171204-4 01/28/25 15:29

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	mg/l	mg/l	mg/l	mg/l	%	%		%			%	%
Nitrate	5.00	<0.379	4.64	4.71	92.8	94.1	1	90.0-110			1.45	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4171313-1 01/28/25 16:54

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/l		mg/l	mg/l
Sulfate	<0.211		0.211	0.700

Laboratory Control Sample (LCS)

(LCS) R4171313-2 01/28/25 17:06

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/l	mg/l	%	%	
Sulfate	5.00	4.99	99.8	90.0-110	

L1819059-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1819059-01 01/28/25 17:18 • (MS) R4171313-3 01/28/25 17:30 • (MSD) R4171313-4 01/28/25 17:41

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	mg/l	mg/l	mg/l	mg/l	%	%		%			%	%
Sulfate	500	1270	2630	2640	272	273	1	90.0-110	E J5	E J5	0.322	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4171474-1 01/29/25 09:46

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/l		mg/l	mg/l
Chloride	<0.325		0.325	0.800

Laboratory Control Sample (LCS)

(LCS) R4171474-2 01/29/25 09:58

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/l	mg/l	%	%	
Chloride	5.00	4.96	99.3	90.0-110	

L1820545-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1820545-01 01/29/25 10:22 • (MS) R4171474-3 01/29/25 10:33 • (MSD) R4171474-4 01/29/25 10:45

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	mg/l	mg/l	mg/l	mg/l	%	%		%			%	%
Chloride	100	139	230	230	91.5	91.9	1	90.0-110			0.156	20

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

Method Blank (MB)

(MB) R4173167-1 02/03/25 20:03

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Kjeldahl Nitrogen, TKN	<0.140		0.140	0.250

Laboratory Control Sample (LCS)

(LCS) R4173167-2 02/03/25 20:19

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Kjeldahl Nitrogen, TKN	4.00	4.10	103	90.0-110	

L1819209-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1819209-01 02/03/25 20:07 • (MS) R4173167-3 02/03/25 20:39 • (MSD) R4173167-4 02/03/25 20:40

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Kjeldahl Nitrogen, TKN	20.0	149	180	175	155	130	25	90.0-110	V	V	2.81	20

L1819806-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1819806-01 02/03/25 20:08 • (MS) R4173167-5 02/03/25 20:41 • (MSD) R4173167-6 02/03/25 20:43

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Kjeldahl Nitrogen, TKN	20.0	205	243	226	188	105	50	90.0-110	V		7.04	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4172328-1 01/31/25 17:58

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Phosphorus,Total	<0.0152		0.0152	0.0500

Laboratory Control Sample (LCS)

(LCS) R4172328-2 01/31/25 17:58

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Phosphorus,Total	0.500	0.513	103	80.0-120	

L1819953-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1819953-01 01/31/25 17:58 • (MS) R4172328-3 01/31/25 17:59 • (MSD) R4172328-4 01/31/25 17:59

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Phosphorus,Total	0.500	21.0	21.6	21.9	115	184	100	80.0-120		V	1.59	20

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

Method Blank (MB)

(MB) R4172685-1 02/02/25 12:19

	MB Result	<u>MB Qualifier</u>	MB MDL	MB RDL
Analyte	mg/l		mg/l	mg/l
CBOD	<0.200		0.200	0.200

L1820524-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1820524-02 02/02/25 12:50 • (DUP) R4172685-3 02/02/25 13:02

	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
Analyte	mg/l	mg/l		%		%
CBOD	4.24	4.04	1	4.83		20

Laboratory Control Sample (LCS)

(LCS) R4172685-2 02/02/25 12:24

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	<u>LCS Qualifier</u>
Analyte	mg/l	mg/l	%	%	
CBOD	198	198	99.8	85-115	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4172689-1 01/29/25 12:10

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Ammonia Nitrogen	<0.0280		0.0280	0.100

Laboratory Control Sample (LCS)

(LCS) R4172689-2 01/29/25 12:12

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Ammonia Nitrogen	5.00	5.27	105	80.0-120	

L1820332-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1820332-02 01/29/25 12:20 • (MS) R4172689-3 01/29/25 12:13 • (MSD) R4172689-4 01/29/25 12:15

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Ammonia Nitrogen	5.00	0.0788	5.09	5.11	100	101	1	80.0-120			0.392	20

L1820544-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1820544-01 01/29/25 12:42 • (MS) R4172689-5 01/29/25 12:17 • (MSD) R4172689-6 01/29/25 12:19

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Ammonia Nitrogen	5.00	1.33	6.25	6.25	98.4	98.4	1	80.0-120			0.000	20

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

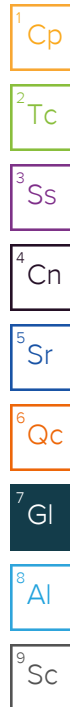
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J	The identification of the analyte is acceptable; the reported value is an estimate.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.
P1	RPD value not applicable for sample concentrations less than 5 times the reporting limit.
V	The sample concentration is too high to evaluate accurate spike recoveries.



ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1 6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1 4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP, LLC EMLAP	100789
A2LA – ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

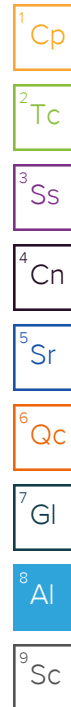
Pace Analytical Services, LLC -Dallas 400 W. Bethany Drive Suite 190 Allen, TX 75013

Arkansas	88-0647	Kansas	E10388
Florida	E871118	Texas	T104704232-23-39
Iowa	408	Oklahoma	8727
Louisiana	30686		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.



[illegible]

Pace Analytical®
National Center for Testing

ORIGIN ID: VCTA (361) 446-0565

PACE
1606 E. BRAZOS ST.
SUITE 0
VICTORIA, TX 77901
UNITED STATES US.

SHIP DATE: 16 JAN 25
ACTWGT: 50.00 LB MAN
CAD: 0917226/CAFE3855

TO

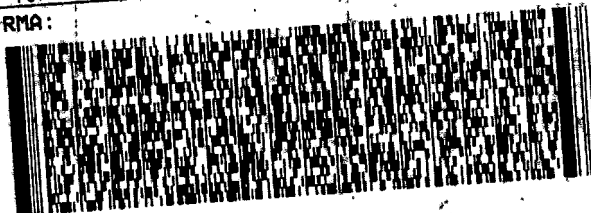
PACE
400 W. BETHANY DR.
SUITE 190
ALLEN TX 75013

(972) 727-1123
INV:
PO:

REF:

DEPT:

RMA:



FedEx
Express



FedEx

TRK# 7387 0566 5707
0221

AD DNEA

DELIVERING MON. FEB
TUE - 28 JAN AA
PRIORITY OVERNIGHT

75013
TX-US
DFW



176334 27Jan2025 VCTA 58163/EC17/6FE5



202451 27Jan2025 AUSA 58163/EC17/5FE5

4759 TUE 01/28 07:01

PACE
400 W. BETHANY DR.
STE 100
ALLEN TX

75013 714.99

PRIORITY OVERNIGHT

427-4592



DC#_Title: ENV-FRM-ALLE-0017 v15_Sample Condition Upon Receipt

Effective Date: 12/18/2023

Sample Condition Upon Receipt

☐ Dallas ☐ Ft Worth ☐ Corpus Christi ☐ AustinClient Name: City of Victoria Project Work order (place label):Courier: FedEX ☒ UPS ☐ USPS ☐ Client ☐ LSO ☐ PACE ☐ Other: _____Tracking #: 7387 0506 5707Custody Seal on Cooler/Box: Yes ☒ No ☐Received on ice: Wet ☒ Blue ☐ No ice ☐Receiving Lab 1 Thermometer Used: 126 Cooler Temp °C: 2.1 (Recorded) 0.0 (Correction Factor) 2.1 (Actual)

Receiving Lab 2 Thermometer Used: _____ Cooler Temp °C: _____ (Recorded) _____ (Correction Factor) _____ (Actual)

Chain of Custody relinquished	Yes ☒ No ☐
Sampler name & signature on COC	Yes ☒ No ☐
Short HT analyses (<72 hrs)	Yes ☒ No ☐

Temperature should be above freezing to 6°C unless collected same day as receipt in which evidence of cooling is acceptable.

Triage Person: ML Date: 1/28

Sufficient Volume received	Yes ☒ No ☐
Correct Container used	Yes ☒ No ☐
Container Intact	Yes ☒ No ☐
Sample pH Acceptable pH Strips: <u>6.0-7.0</u>	Yes ☒ No ☐ NA ☐
Residual Chlorine Present Cl Strips: _____	Yes ☐ No ☐ NA ☒
Sulfide Present Lead Acetate Strips: _____	Yes ☐ No ☐ NA ☒
Are soil samples (volatiles, TPH) received in 5035A Kits (not applicable to TCLP VOA or PST Program TPH)	Yes ☐ No ☐ NA ☒
Unpreserved 5035A soil frozen within 48 hrs	Yes ☐ No ☐ NA ☒
Headspace in VOA (>6mm)	Yes ☐ No ☐ NA ☒
Project sampled in USDA Regulated Area outside of Texas State Sampled: _____	Yes ☐ No ☐ NA ☒
Non-Conformance(s):	Yes ☐ No ☒

Login Person: ML Date: 01/28

Labeling Person (if different than log-in): _____ Date: _____

COLUMBIA STREET PLANT DATA

DAY/DATE: Monday 1-27-25 OPERATOR: Terry Ramon
D.O. 0.5 3.7 2.6 Avg. 2.27
East Train MLSS #1 140 #2 140 #3 140 Avg. 140 Centrifuge —
D.O. — — — Avg. —
West Train MLSS #1 — #2 — #3 — Avg. — Centrifuge —
MLSS pH: 7.05 Temp 20.5 Air Temp — RainFall 0

Auto Sampler Temps: Influent: — Effluent: 4

<u>EFF FLOW</u>	<u>RETURN FLOW</u>	<u>WAS FLOW</u>	<u>NON POT CL2 DOSAGE</u> <u>-0</u>
END: <u>4700097</u> MGD	END: <u>2797.1495</u> MGD	END: <u>26.3760</u> MGD	weirs <u>0</u>
BEGIN: <u>4698713</u> MGD	BEGIN: <u>2795.7875</u> MGD	BEGIN: <u>76.3335</u> MGD	2hr peak <u>—</u>
TOTAL: <u>1.384</u> MGD	TOTAL: <u>1.362</u> MGD	TOTAL: <u>.425</u> MGD	tote lvl <u>1/2</u>

Primary Structure

Auger Clear : (Yes) No Rake running/operational : (Yes) No

Blower

Actual Flow %: 69 Flow (SCFM): 1605 D.O.: 2.14 ppm

Off * Cl2 RESIDUAL = 0 mg/l
UV Basin
E. Coli Time Collected: 0846 X Transmittance: 56.2 RED 85.1 QA/QC
Time In: 0855 Temp: 35.0 Code
Time Out: 0856 Temp: 35.0 42
Channel 1 Result: <1 MPN Positive Large: 0 Positive Small: 0
Channel 2 Result: — MPN Positive Large: — Positive Small: —

SM 9223 B Enzyme Substrate, COLILERT QUANTI-TRAY

EFF Ph: 7.38 TIME COLLECTED: 0846 TEST TIME: 0850 TEMP: 20.8

SM 4500 H + B - 1996

EFF D.O. 7.78 MG/L TIME COLLECTED: 0846 TEST TIME: 0850

SM 4500 - O C ACID MODIFICATION

pH METER CALIBRATION 0835 HR BY: Off

NEW BUFFER SOLUTION: pH 4: 4.00 pH 7: 7.02 pH 10: 10.09 SLOPE: 95.3

TEMP: 17.8 °C TEMP: 17.8 °C TEMP: 18.0 °C

ORION MODEL STAR AIII

SLOPE RANGE 92% - 102%

Attachment H
Parameters above the MAL
Worksheet 6.0, Section 2.C

ATTACHMENT H
CITY OF VICTORIA
ODEM STREET WASTEWATER TREATMENT FACILITY
TEXAS POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT
APPLICATION FOR PERMIT RENEWAL
PARAMETERS ABOVE THE MAL
(all values in µg/L)

	MAL	4/19/2022	6/21/2022	10/18/2022	1/17/2023	4/19/2023	6/21/2023	9/27/2023	12/13/2023	5/15/2024	8/15/2024	10/17/2025	1/8/2025
Aluminum	2.5	<47	<35.3	<35.3	<35.3	37.90	<35.3	<35.3	<35.3	16.8	60.6	18.1	<20
Arsenic, total	0.5	2.00	<4.18	4.58	<4.18	0.90	<4.18	<4.18	<4.18	3.54	3.06	6.11	<4.0
Barium	3	152	157	186	120	65.9	134	171	143	190	222	175	222
Chromium, hex	3									8.95			<10
Copper, total	2	4.85	8.82	12.50	6.97	14.30	15.20	12.30	14.60	9.23	16.3	12.2	7.59
Lead, total	0.5	0.52	<3.12	<3.12	<3.12	0.38	<3.12	3.37	3.87		0.628		<2.0
Mercury, total	0.005	0.00763		0.00580	0.04230								
Nickel, total	2		4.37	5.20	4.15		5.15	4.34	5.78	2.36	2.59	2.3	
Nitrate-nitrogen	100	10800				17400				14200			
PCB-1016	0.2	<0.3				<0.284				<0.3			
PCB-1221	0.2	<0.3				<0.284				<0.3			
PCB-1232	0.2	<0.3				<0.284				<0.3			
PCB-1242	0.2	<0.3				<0.284				<0.3			
Thallium, total	1		<7.75	<7.75	<7.75		<7.75	<7.75	<7.75				<2.0
Zinc, total	5	58.60	44.00	31.70	41.40	62.00	48.40	48.10	54.80	44.5	27.5	40.5	55.8

Supplemental Permit Information Form

- **SPIF-1 General Location Map**
 - **SPIF-2 USGS Map**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

FOR AGENCIES REVIEWING DOMESTIC OR INDUSTRIAL TPDES WASTEWATER PERMIT APPLICATIONS

TCEQ USE ONLY:

Application type: ____Renewal ____Major Amendment ____Minor Amendment ____New

County: _____ Segment Number: _____

Admin Complete Date: _____

Agency Receiving SPIF:

____ Texas Historical Commission

____ U.S. Fish and Wildlife

____ Texas Parks and Wildlife Department

____ U.S. Army Corps of Engineers

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

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

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

The following applies to all applications:

1. Permittee: **City of Victoria**

Permit No. WQ00 **10466002**

EPA ID No. TX **0132829**

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

1309 Southwest Ben Jordan Street, Victoria, Texas 77901

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: Ken Gill

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

Title: Director of Public Works

Mailing Address: P.O. Box 1758

City, State, Zip Code: Victoria, TX 77902

Phone No.: (361) 485-3381 Ext.:

Fax No.:

E-mail Address: kgill@victoriatx.gov

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

The property is owned by the permittee.

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 is discharged to the Guadalupe River below San Marcos River in Segment No. 1803 of the Guadalupe River Basin.

5. Please provide a separate 7.5-minute USGS quadrangle map with the project boundaries plotted and a general location map showing the project area. Please highlight the discharge route from the point of discharge for a distance of one mile downstream. (This map is required in addition to the map in the administrative report). **See SPIF-1 and SPIF-2.**

Provide original photographs of any structures 50 years or older on the property. **N/A**

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

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

☐ Sealing caves, fractures, sinkholes, other karst features

☐ Disturbance of vegetation or wetlands

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

N/A

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

Existing disturbances, vegetation, and land use are those typically associated with the operations of a wastewater treatment facility.

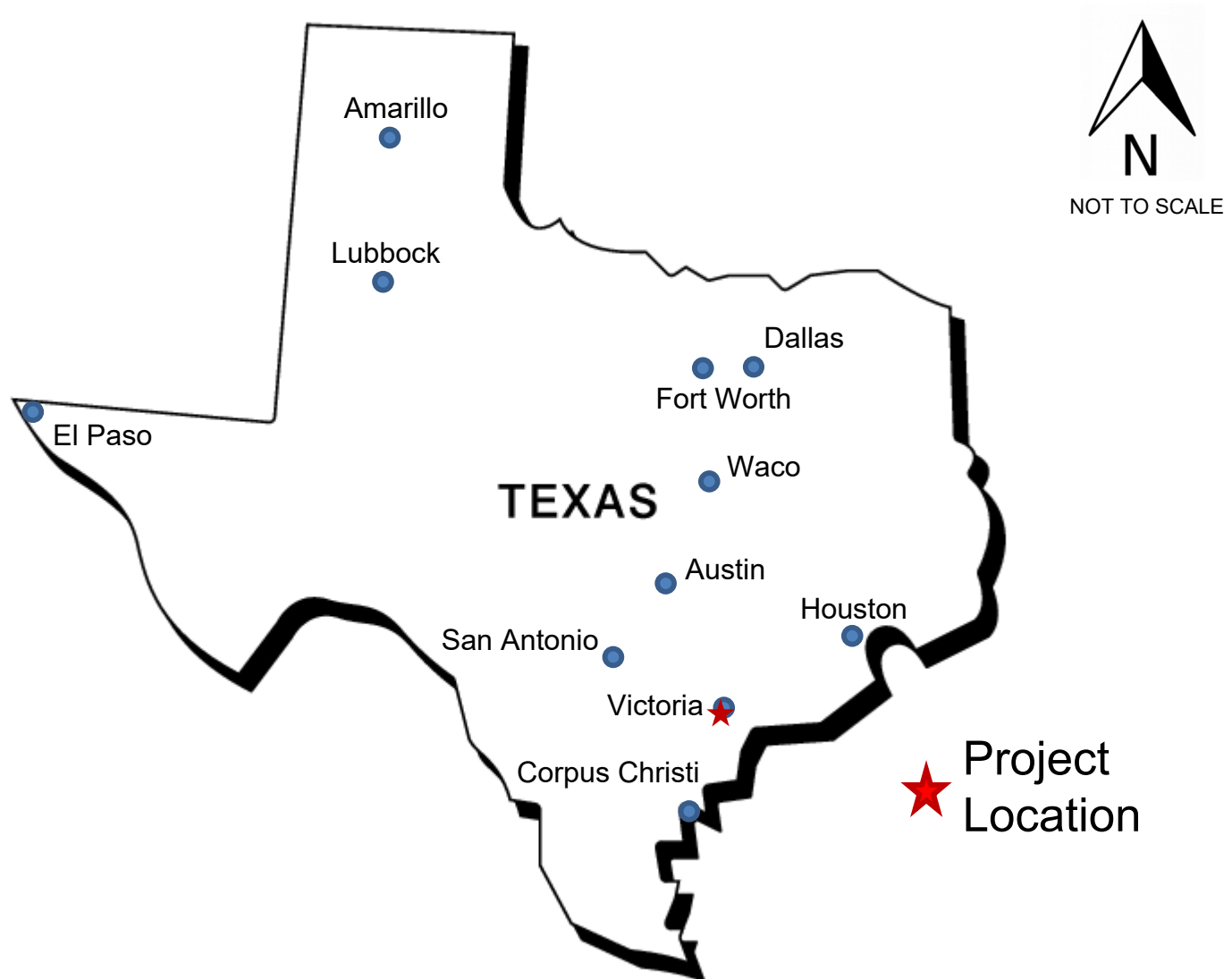
THE FOLLOWING ITEMS APPLY ONLY TO APPLICATIONS FOR NEW TPDES PERMITS AND MAJOR AMENDMENTS TO TPDES PERMITS

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

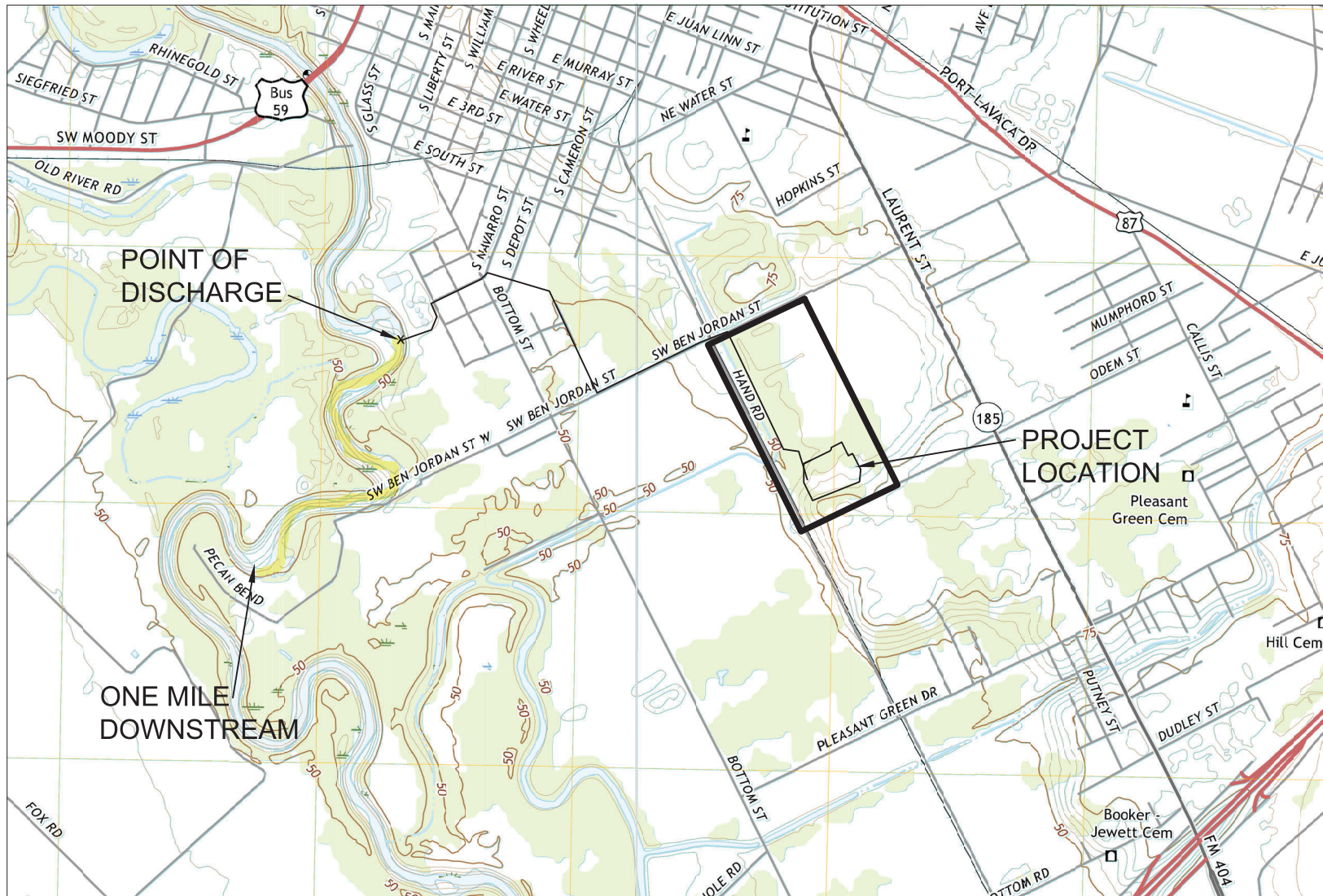
N/A

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

N/A



**SPIF-1
CITY OF VICTORIA
ODEM STREET WASTEWATER TREATMENT FACILITY
TEXAS POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT
APPLICATION FOR PERMIT RENEWAL
GENERAL LOCATION MAP**



**SPIF- 2
CITY OF VICTORIA
ODEM STREET WASTEWATER TREATMENT FACILITY
TEXAS POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT APPLICATION
USGS MAP**

Candice Calhoun

From: Janet Sims <Janet.Sims@meadhunt.com>
Sent: Monday, February 24, 2025 11:34 AM
To: Candice Calhoun; kgill@victoriatx.gov
Cc: Lucia Hernandez; Curtis Davis
Subject: RE: Application to Renew Permit No. WQ0010466002 - Notice of Deficiency
Attachments: Odem Spanish NORI WQ0010466002.docx; TCEQ receipt of application.pdf

Candice,
Thank you for your help with these applications.
We appreciate your quick review.

My client and I have reviewed your NOD letter that is dated February 24, 2025.

Following are our responses to the deficiencies that you identified:

1. The original paper copy of the permit application was hand delivered to your office on February 19th. Attached is the receipt signed by Lisa, which I received for the delivery.
2. USGS Topographic Map: In accordance with the instructions the discharge route is to be highlighted for three stream miles or until it reaches a classified segment. The discharge is directly to a classified segment. Therefore, highlighting the stream is not required.
3. The NORI was reviewed. No omissions or errors were found.
4. As requested, attached is the Spanish translation of the NORI.

If you have any questions or need additional information, please do not hesitate to contact me.

Sincerely,
Janet Sims

Janet Sims

Senior Project Manager | Water/Wastewater
Direct: 512-735-1001 | Cell: 512-695-2468 | Transfer Files

Mead&Hunt

LinkedIn | Facebook | Instagram

From: Candice Calhoun <Candice.Calhoun@tceq.texas.gov>
Sent: Monday, February 24, 2025 10:18 AM
To: kgill@victoriatx.gov
Cc: Janet Sims <Janet.Sims@meadhunt.com>
Subject: Application to Renew Permit No. WQ0010466002 - Notice of Deficiency
Importance: High

Good morning, Mr. Gill,

The attached Notice of Deficiency (NOD) letter dated February 24, 2025, requests additional information needed to declare the application administratively complete. Please send complete response by March 10, 2025.