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

ATTACHMENT B

Plain Language Summary

English

LBC Houston, L.P., (CN601179849) operates the Bayport Terminal (RN101041598), an organic chemical and petroleum bulk liquid storage terminal. The facility is located at 11666 Port Road, in Seabrook, Harris County, Texas 77586.

The facility has applied to the Texas Commission on Environmental Quality (TCEQ) to renew with major amendment Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0002110000 (EPA I.D. No. TX0075302) to discharge wastewater and stormwater via Outfalls 001, 002, 003, 004, and 005 at an intermittent and flow variable volume. The discharge route is from the plant site via Outfalls 001 ,002, 003, and 004 to a Harris County Flood Control Ditch; and via Outfall 005 to an unnamed ditch; thence all outfalls to Bayport Channel.

Discharges from the facility are expected to contain chemical oxygen demand (COD) and oil and grease from all outfalls and potentially zinc through Outfall 002. Additional pollutant analyses are provided in Worksheet 2.0.

Wastewater discharges currently consist of stormwater and utility wastewater. LBC is proposing to add a new waste stream including Reverse Osmosis (RO) wastewater and clarification that stormwater can include those associated with industrial activity and construction projects. LBC is also proposing to remove zinc from Outfall 002. Due to the low levels of pollutants present in the wastewater, no additional treatment is required to meet the permit limits.

Spanish

LBC Houston, L.P., (CN601179849) opera la Terminal Bayport (RN101041598), una terminal de almacenamiento de líquidos a granel de químicos orgánicos y petróleo. La instalación está ubicada en 11666 Port Road, en Seabrook, Condado de Harris, Texas 77586.

La instalación ha solicitado a la Comisión de Calidad Ambiental de Texas (TCEQ) para renovar, con una enmienda muy importante, el Permiso n.° WQ0002110000 (N.° de identificación de la EPA: TX0075302) del Sistema de Eliminación de Descargas Contaminantes de Texas (TPDES) para descargar aguas residuales y pluviales a través de los Desagües 001, 002, 003, 004 y 005 a un volumen intermitente y de flujo variable. La ruta de descarga es desde el sitio de la planta, a través de los Desagües 001, 002, 003 y 004, hasta una Zanja de Control de Inundaciones del Condado de Harris; y a través del Desagüe 005 hasta una zanja sin nombre; desde allí, todos los desagües al Canal Bayport.

Se espera que las descargas de la instalación contengan demanda química de oxígeno (DQO) y aceite y grasa de todos los desagües y potencialmente zinc a través del Desagüe 002. Se proporcionan análisis de contaminantes adicionales en la Hoja de Trabajo 2.0.

Las descargas de aguas residuales actualmente consisten en aguas pluviales y aguas residuales de servicios públicos. LBC propone añadir un nuevo flujo de residuos, incluyendo aguas residuales de Ósmosis Inversa (OI), y clarificación que las aguas pluviales pueden incluir esas asociadas con la actividad industrial y los proyectos de construcción. LBC también propone eliminar el zinc del Desagüe 002. Debido a los bajos niveles de contaminantes presentes en las aguas residuales, no se requiere tratamiento adicional para cumplir con los límites del permiso.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

PERMIT NO. WQ0002110000

APPLICATION. LBC Houston, L.P., 2625 Bay Area Boulevard, Suite 200, Houston, Texas 77058, which owns an organic chemical and petroleum bulk liquid storage terminal, has applied to the Texas Commission on Environmental Quality (TCEQ) to amend Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0002110000 (EPA I.D. No. TX0075302) to authorize removal of the zinc limits from Outfall 002, the addition of new waste streams to include the discharge of reverse osmosis wastewater and stormwater associated with construction activities through Outfalls 001-005, and the relocation of Outfall 001. The facility is located at 11666 Port Road, near the city of Seabrook, in Harris County, Texas 77586. The discharge route is from the plant site via Outfalls 001 and 002 to a Harris County Flood Control District (HCFCD) ditch; via Outfalls 003 and 004 to a HCFCD ditch; and via Outfall 005 to an unnamed ditch; thence all outfalls to Bayport Channel. TCEQ received this application on September 8, 2025. The permit application will be available for viewing and copying at Evelyn Meador Library, 2400 North Meyer Avenue, Seabrook, in Harris 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=-95.02593,29.604438&level=18

The application is subject to the goals and policies of the Texas Coastal Management Program and must be consistent with the applicable Coastal Management Program goals and policies.

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.**

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 LBC Houston, L.P. at the address stated above or by calling Mr. Bobby Panepinto, Regional Manager, Regulatory Compliance, at 281-291-3402.

Issuance Date: October 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 PERMISO
MODIFICACION

PERMISO NO. WQ0002110000

SOLICITUD. LBC Houston, L.P., 2625 Bay Area Boulevard, Suite 200, Houston, Texas 77058, que posee una terminal de almacenamiento de productos químicos orgánicos y líquidos a granel de petróleo, ha solicitado a la Comisión de Calidad Ambiental de Texas (TCEQ) que enmiende el Permiso No. WQ0002110000 (EPA I.D. No. TX0075302) para autorizar la eliminación de los límites de zinc del desagüe 002, para agregar nuevos flujos de desechos para incluir la descarga de aguas residuales de ósmosis inversa y aguas pluviales asociadas con las actividades de construcción a través de los desagües 001-005, y para reubicar el desagüe 001. La instalación está ubicada en 11666 Port Road, cerca de la ciudad de Seabrook, en el condado de Harris, Texas 77586. La ruta de descarga es desde el sitio de la planta a través de los desagües 001 y 002 hasta una zanja del Distrito de Control de Inundaciones del Condado de Harris (HCFCD); a través de los emisarios 003 y 004 a una zanja de HCFCD; y a través del Desagüe 005 a una zanja sin nombre; desde allí todos los emisarios al canal de Bayport. La TCEQ recibió esta solicitud el 8 de septiembre de 2025. La solicitud de permiso estará disponible para ver y copiar en la Biblioteca Evelyn Meador, 2400 North Meyer Avenue, Seabrook, en el condado de Harris, Texas, antes de la fecha en que se publique 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 instalación se proporciona como cortesía pública y no como parte de la solicitud o aviso. Para conocer la ubicación exacta, consulte la aplicación. https://gisweb.tceq.texas.gov/LocationMapper/?marker=-95.02593,29.604438&level=18

El Director Ejecutivo de la TCEQ ha revisado esta medida para ver si está de acuerdo con los objetivos y las regulaciones del Programa de Administración Costero de Texas (CMP) de acuerdo con las regulaciones del Consejo Coordinador de la Costa (CCC) y ha determinado que la acción es conforme con las metas y regulaciones pertinentes del CMP.

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

AVISO ADICIONAL. El Director Ejecutivo de la TCEQ ha determinado que la solicitud es administrativamente completa y conducirá una revisión técnica de la solicitud. Después de completar la revisión técnica, el Director Ejecutivo puede preparar un borrador del permiso y

emitirá una Decisión Preliminar sobre la solicitud. **El aviso de la solicitud y la decisión preliminar serán publicados y enviado a los que están en la lista de correo de las personas a lo largo del condado que desean recibir los avisos y los que están en la lista de correo que desean recibir avisos de esta solicitud. El aviso dará la fecha límite para someter comentarios públicos.**

COMENTARIO PUBLICO / REUNION PUBLICA. Usted puede presentar comentarios públicos o pedir una reunión pública sobre esta solicitud. El propósito de una reunión pública es dar la oportunidad de presentar comentarios o hacer preguntas acerca de la solicitud. La TCEQ realiza una reunión pública si el Director Ejecutivo determina que hay un grado de interés público suficiente en la solicitud o si un legislador local lo pide. Una reunión pública no es una audiencia administrativa de lo contencioso.

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

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

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

La Comisión sólo puede conceder una solicitud de una audiencia de caso impugnado sobre los temas que el solicitante haya presentado en sus comentarios oportunos que no fueron

retirados posteriormente. **Si se concede una audiencia, el tema de la audiencia estará limitado a cuestiones de hecho en disputa o cuestiones mixtas de hecho y de derecho relacionadas a intereses pertinentes y materiales de calidad del agua que se hayan presentado durante el período de comentarios.**

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

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

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

También se puede obtener más información de LBC Houston, L.P. en la dirección indicada anteriormente o llamando al Sr. Bobby Panepinto, Gerente Regional de Cumplimiento Normativo, al 281-291-3402.

Fecha de emisión: 14 de octubre de 2025

Leah Whallon

From: Robert Robinson <rrobinson@alliantenv.com>
Sent: Tuesday, September 30, 2025 10:22 AM
To: Leah Whallon
Cc: Bobby Panepinto
Subject: Re: Application to Amend Permit No. WQ0002110000; LBC Houston, L.P.; Bayport Terminal
Attachments: English - Spanish NORI Language.docx; Mailing Labels Rev.docx; LBC TPDES Application Response Letter 9-29-25.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Ms. Whallon:

Attached please find a pdf of the response to your September 16, 2025 Notice of Deficiency letter to LBC. In addition, we are attaching two Word files, one with the revised mailing labels and one with the suggested English and Spanish NORI language.

Please confirm receipt of these files and let us know if you have any questions or additional comments/requirements.

Thanks,

Robert E. Robinson, P.E.
Alliant Environmental, LLC
Phone: 713-972-5535
Email: rrobinson@alliantenv.com

From: Leah Whallon <Leah.Whallon@Tceq.Texas.Gov>

Sent: Tuesday, September 16, 2025 10:39 AM
To: Bobby Panepinto <b-panepinto@lbctt.com>
Cc: Jeremy Alberty <j-alberty@lbctt.com>
Subject: Application to Amend Permit No. WQ0002110000; LBC Houston, L.P.; Bayport Terminal

Some people who received this message don't often get email from leah.whallon@tceq.texas.gov. Learn why this is important

Good Morning,

Please see the attached Notice of Deficiency letter dated September 16, 2025, requesting additional information needed to declare the application administratively complete. Please send the complete response by September 30, 2025.

Please let me know if you have any questions.

Thank you,

Leah Whallon

Texas Commission on Environmental Quality

Water Quality Division

512-239-0084
leah.whallon@tceq.texas.gov

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

Please consider the environment before printing this email. This email and any files transmitted with it are intended for the named recipient only. The information contained in this message may be confidential, legally privileged, or commercially sensitive. If you are not the intended recipient, you must not reproduce or distribute any part of the email, disclose its contents to any other party, or take any action in reliance on it. If you have received this email in error, please contact the sender immediately by return email and delete this message from your computer.

September 29, 2025

Ms. Louise Whallon
Applications Review and Processing Team (MC148)
Water Quality Division
Texas Commission on Environmental Quality
12100 Park 35 Circle
Austin, Texas 78753

Re: Application to Amend Permit No.: WQ0002110000 (EPA I.D. No. TX0075302)
Applicant Name: LBC Houston, L.P. (CN601179849)
Site Name: Bayport Terminal (RN101041598)
Type of Application: Major amendment with renewal

Dear Ms. Whallon:

Enclosed please find an original and three copies of the LBC Houston, L.P. (LBC Houston) response to your letter dated September 16, 2025. The responses to each item addressed in your letter are provided below:

TCEQ Comment:

1. The application submitted online via STEERS is for a New Industrial Individual Permit, while TCEQ the attachments are for a Major Amendment with Renewal application for existing TPDES permit WQ0002110000. Please confirm the correct application type being requested at this time.

LBC Response:

LBC is applying for a Major Amendment with Renewal.

TCEQ Comment:

2. The responsible authority contact is Mr. Jeremy Alberty, but Mr. Bobby Panepinto signed the new application online. Please provide a signed and notarized signature page for the Major Amendment with Renewal application using the Administrative Report 1.0, Item 13 (TCEQ-10411), signed by the individual with signatory authority.

LBC Response:

The signature page signed by Mr. Alberty and notarized is provided in Attachment 1.

TCEQ Comment:

3. Please also provide a signed Core Data Form (TCEQ-10400).

Alliant Environmental, LLC
23219 Red River Dr
Katy, TX 77494
713.972.5535 : Ph
www.alliantenv.com

LBC Response:

The signature page of the Core Data Form (TCEQ 10400) is provided in Attachment 2 to this letter. In addition, the signed analytical certification is also provided in Attachment 2.

TCEQ Comment:

4. Administrative Report 1.1, Affected Landowner Information
   The properties numbered on the affected landowner map are not consistent with the cross-reference list and mailing labels provided. Please provide an updated map that includes:
   - The applicant's property boundaries.
   - The property boundaries of all landowners surrounding the applicant's property.
   - The points of discharge and highlighted discharge routes clearly shown for one mile downstream.
   - The property boundaries of the landowners along the watercourse for a one-half mile radius from the point of discharge if the point of discharge is into a lake, bay, estuary, or affected by tides.

   Please also provide an updated cross reference landowner list that is consistent with the map and the updated list formatted for mailing labels (Avery 5160) in a Microsoft Word document.

LBC Response:

The previously supplied cross-reference list and mailing labels included landowners outside the required radius. The list and the labels have been updated to remove the additional landowners. The landowner map has not been changed. These documents are provided in Attachment 3 and the mailing labels are provided in a Word document attached to the email response.

TCEQ Comment:

5. The following is a portion of the NORI which contains information relevant to your application. Please read it carefully and indicate if it contains any errors or omissions. The complete notice will be sent to you once the application is declared administratively complete.

LBC Response:

Please see LBC's revisions to the NORI language below:

APPLICATION. LBC Houston, L.P., 2625 Bay Area Boulevard, Houston, Texas 77058, which owns an organic chemical and petroleum bulk liquid storage terminal, has applied to the Texas Commission on Environmental Quality (TCEQ) to amend Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0002110000 (EPA I.D. No. TX0075302) with renewal to authorize removal of the zinc limits from Outfall 002, to add new waste streams to include the discharge

of reverse osmosis wastewater and storm water associated with construction activities through Outfalls 001-005, and to relocate Outfall 001. The facility is located at 11666 Port Road, near the city of Seabrook, in Harris County, Texas 77586. The discharge route is from the plant site via Outfalls 001 and 002 to a Harris County Flood Control District (HCFCD) ditch; via Outfalls 003 and 004 to a HCFCD ditch; and via Outfall 005 to an unnamed ditch; thence all outfalls to Bayport Channel (pending RWA). TCEQ received this application on September 8, 2025. The permit application will be available for viewing and copying at Evelyn Meador Library, 2400 North Meyer Avenue, Seabrook, in Harris 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=-95.02593,29.604438&level=18

Further information may also be obtained from LBC Houston, L.P. at the address stated above or by calling Mr. Bobby Panepinto, Regional Manager, Regulatory Compliance, at 281-291-3402.

TCEQ Comment:

6. The application indicates that public notices in Spanish are required. After confirming the portion of the NORI above does not contain any errors or omissions, please use the attached template to translate the NORI into Spanish. Only the first and last paragraphs are unique to this application and require translation. Please provide the translated Spanish NORI in a Microsoft Word document.

LBC Response:

The Spanish translation of the NORI language is shown below:

APLICACIÓN. LBC Houston, L.P., 2625 Bay Area Boulevard, Houston, Texas 77058, que posee una terminal de almacenamiento de productos químicos orgánicos y líquidos a granel de petróleo, ha solicitado a la Comisión de Calidad Ambiental de Texas (TCEQ) que enmiende el Permiso No. WQ0002110000 (EPA I.D. No. TX0075302) con la renovación para autorizar la eliminación de los límites de zinc del desagüe 002, para agregar nuevos flujos de desechos para incluir la descarga de aguas residuales de ósmosis inversa y aguas pluviales asociadas con las actividades de construcción a través de los desagües 001-005, y para reubicar el desagüe 001. La instalación está ubicada en 11666 Port Road, cerca de la ciudad de Seabrook, en el condado de Harris, Texas 77586. La ruta de descarga es desde el sitio de la planta a través de los desagües 001 y 002 hasta una zanja del Distrito de Control de Inundaciones del Condado de Harris (HCFCD); a través de los emisarios 003 y 004 a una zanja de HCFCD; y a través del Desagüe 005 a una zanja sin nombre; desde allí todos los emisarios al canal de Bayport (pendiente de RWA). La TCEQ recibió esta solicitud el 8 de septiembre de 2025. La solicitud de permiso estará disponible para ver y copiar en la Biblioteca Evelyn Meador, 2400 North Meyer

Avenue, Seabrook, en el condado de Harris, Texas, antes de la fecha en que se publique 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 instalación se proporciona como cortesía pública y no como parte de la solicitud o aviso. Para conocer la ubicación exacta, consulte la aplicación. https://gisweb.tceq.texas.gov/LocationMapper/?marker=-95.02593,29.604438&level=18

También se puede obtener más información de LBC Houston, L.P. en la dirección indicada anteriormente o llamando al Sr. Bobby Panepinto, Gerente Regional de Cumplimiento Normativo, al 281-291-3402.

In addition, the NORI language in English and Spanish are attached in a Word document to the email response to this letter.

Other Items:

7. **LBC made slight changes to the Process Flow Diagrams. The updated figures are provided in Attachment 4.**
8. **LBC received analytical data for one more sampling event. The updated Worksheet 2.0 for each outfall is provided in Attachment 5 along with the additional laboratory report.**

If you have any questions or comments to this report, please do not hesitate to contact Mr. Bobby Panepinto of LBC Houston at (281) 291-3402 or at b-panepinto@lbctt.com.

Sincerely,

ALLIANT ENVIRONMENTAL, LLC

Robert E. Robinson, P.E.
Principal

Attachment 1
Permit Application Signature Page

Item 13. Signature Page (Instructions, Page 33)

Permit No: WQ0002110000

Applicant Name: LBC Houston, L.P.

Certification: I, Jeremy Alberty, 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): Jeremy Alberty

Signatory title: Operations Director, North America

Signature: _____ Date: 9/4/2025
(Use blue ink)

Subscribed and Sworn to before me by the said Jeremy Alberty

on this 4th day of September, 20 25.

My commission expires on the 17th day of April, 20 29.

Norma Ybarra
Notary Public

Harris
County, Texas

[SEAL]

NORMA YBARRA
Notary Public, State of Texas
My Commission Expires
April 17, 2029
NOTARY ID 129370642

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

Attachment 2
Laboratory Certification Page
Core Data Form Signature Page

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:
	WQ0002110000			

SECTION IV: Preparer Information

40. Name:	Bobby Panepinto	41. Title:	Regional Manager, Reg Compliance

42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
(281) 291-3402		( ) -	b-panepinto@lbctt.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:	LBC Houston, L.P.	Job Title:	Operations Director, North America
Name *(In Print)*:	Jeremy Alberty	Phone:	(281) 291- 3401
Signature:	JZ	Date:	9/4/2025

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.*

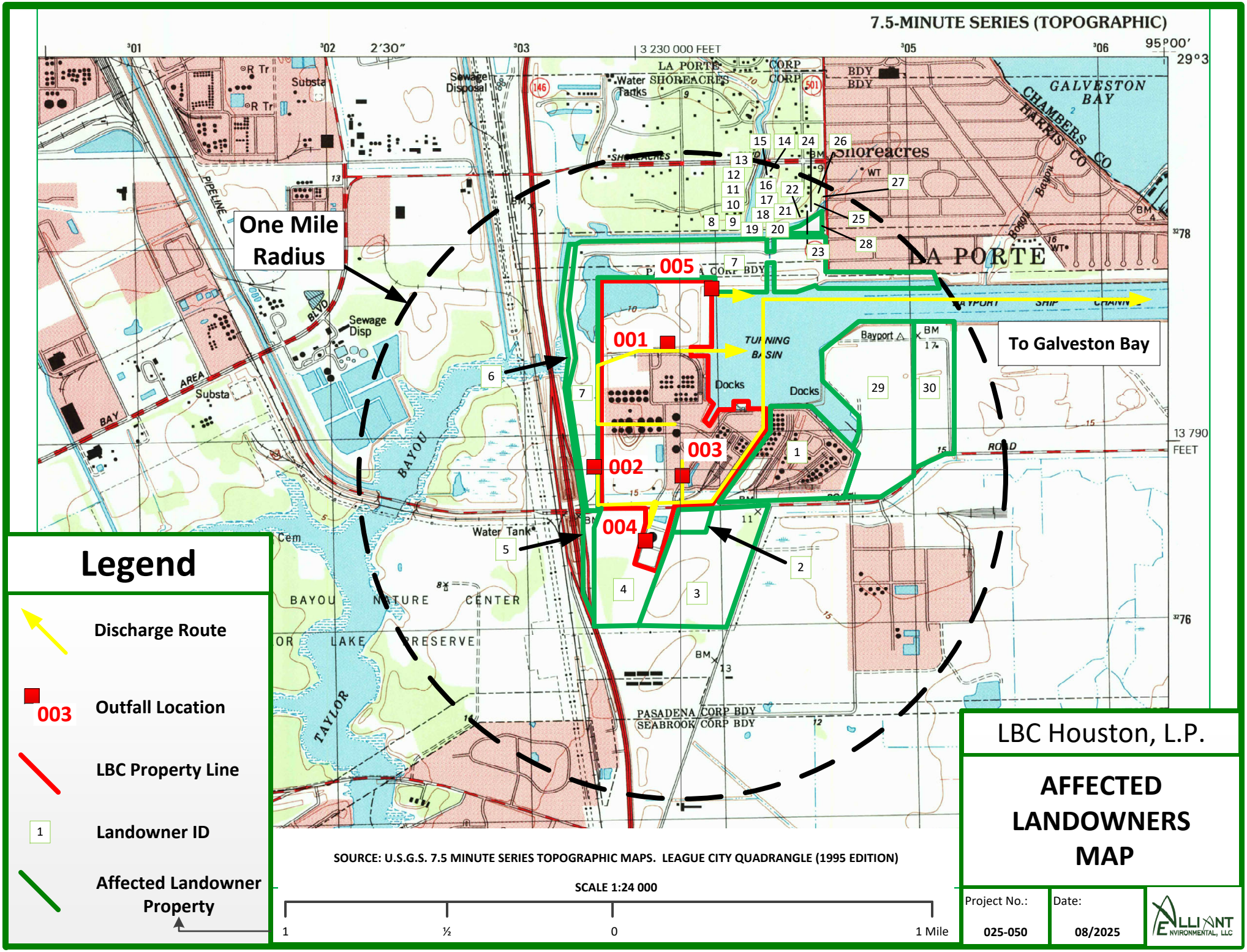
Printed Name: Jeremy Alberty

Title: Operations Director, North America

Signature: _____

Date: 9/4/2025

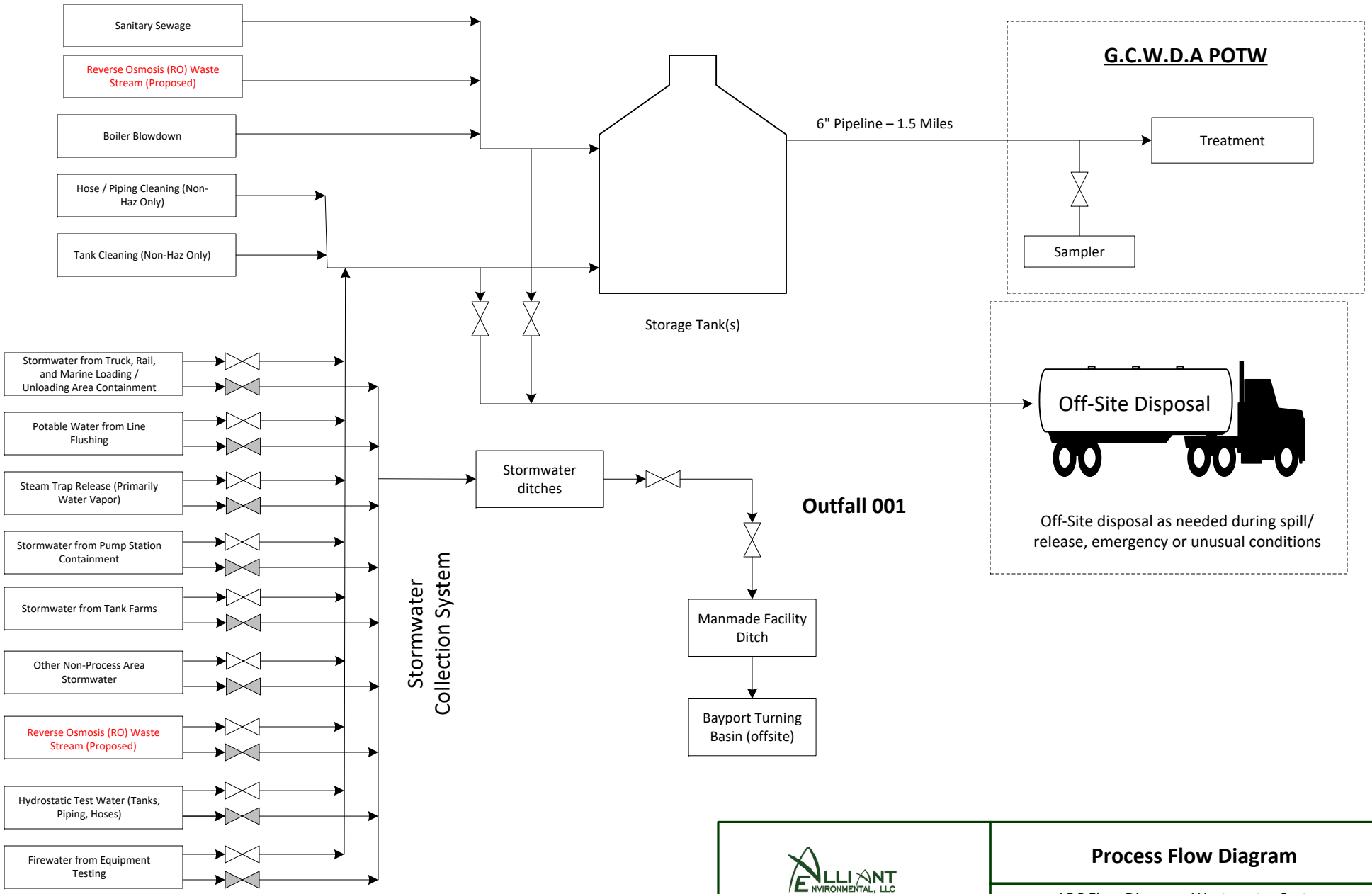
Attachment 3
Revised Adjacent Landowner Information


7.5-MINUTE SERIES (TOPOGRAPHIC)
One Mile Radius
To Galveston Bay
001
002
003
004
005
LA PORTE
Shoreacres
GALVESTON BAY
TURNING BASIN
Docks
Bayport
Water Tanks
Sewage Disposal
Sewage Disp
Water Tank
BAYOU NATURE CENTER
LAKE
PASADENA CORP BDY
SEABROOK CORP BDY
Legend
Discharge Route
003 Outfall Location
LBC Property Line
1 Landowner ID
Affected Landowner Property
SOURCE: U.S.G.S. 7.5 MINUTE SERIES TOPOGRAPHIC MAPS. LEAGUE CITY QUADRANGLE (1995 EDITION)
SCALE 1:24 000
1 ½ 0 1 Mile
LBC Houston, L.P.
AFFECTED LANDOWNERS MAP
Project No.: 025-050
Date: 08/2025
ALLIANT ENVIRONMENTAL, LLC

Cross-Referenced Landowner List

No.	Name/Owner	Mailing Address	City	State	Zip Code
1	Baytank Houston Inc	12211 Port Rd	Seabrook	TX	77586
2	Bayport Holding LLC	595 Orleans St FL 15	Beaumont	TX	77701
3	Port of Houston Authority	111 East Loop N	Houston	TX	77029
4	Centerpoint Energy Houston Electric LLC	1111 Louisiana FLR 38	Houston	TX	77702
5	Echo US Holdings LLC	430 Park Avenue	New York	NY	10022
6	Exxon Mobil Corporation	PO Box 53	Houston	TX	77001
7	Wiggins Karen I	901 S County Club Dr	La Porte	TX	77571
8	City of Shoreacres	601 Shore Acres Blvd	La Porte	TX	77571
9	Gioelle Charles & Nancy	3510 W Bayou Dr	La Porte	TX	77571
10	Lopez Carlos III	3508 W Bayou Dr	La Porte	TX	77571
11	Gomez Meliton & Maria L	950 Shore Acres Blvd	La Porte	TX	77571
12	Seago Mary	3414 Bayou Dr	La Porte	TX	77571
13	Laster Kevin W & Tina M	3415 E Bayou Dr	La Porte	TX	77571
14	Govea Edison and Shelly R.	3421 E Bayou Dr	La Porte	TX	77571
15	Mancias Erasmo & Gracia	606 Briar Breek Dr	La Porte	TX	77571
16	Rogers Robert & Dolores	3511 E Bayou Dr	La Porte	TX	77571
17	RS Rental III A LLC	32 Mercer ST 4th Floor	New York	NY	10013
18	Inns Mitchell Hunter	1125 Grace St	Deer Park	TX	77536
19	Maher Mary B	2410 W 8th St	Austin	TX	78703
20	Alvarez Timothy Wayne	869 S Country Club Dr	La Porte	TX	77571
21	Howie Fredrick L	865 S Country Club Dr	La Porte	TX	77571
22	Adler Nathan & Regan	825 S Country Club Dr	La Porte	TX	77571
23	Yokem Kimberly E	861 S Country Club Dr	La Porte	TX	77571
24	Glover Shari L	809 S Country Club Dr	La Porte	TX	77571
25	Naumann Helmu J & Marcella	805 S Country Club Dr	La Porte	TX	77571
26	Portillo Henry	3525 E Country Club Dr	La Porte	TX	77571
27	Perez Pedro & Consuelo	3804 Newton Dr	Pasadena	TX	77503
28	Yoder Dr Nelson J	PO Box 1546	La Porte	TX	77571
29	Crosser Robert M	619 S Shady Ln	La Porte	TX	77571
30	Weatherly Britt & Kaleen	PO Box 373	La Porte	TX	77572

Attachment 4
Updated Process Flow Diagrams



ELLIANT ENVIRONMENTAL, LLC

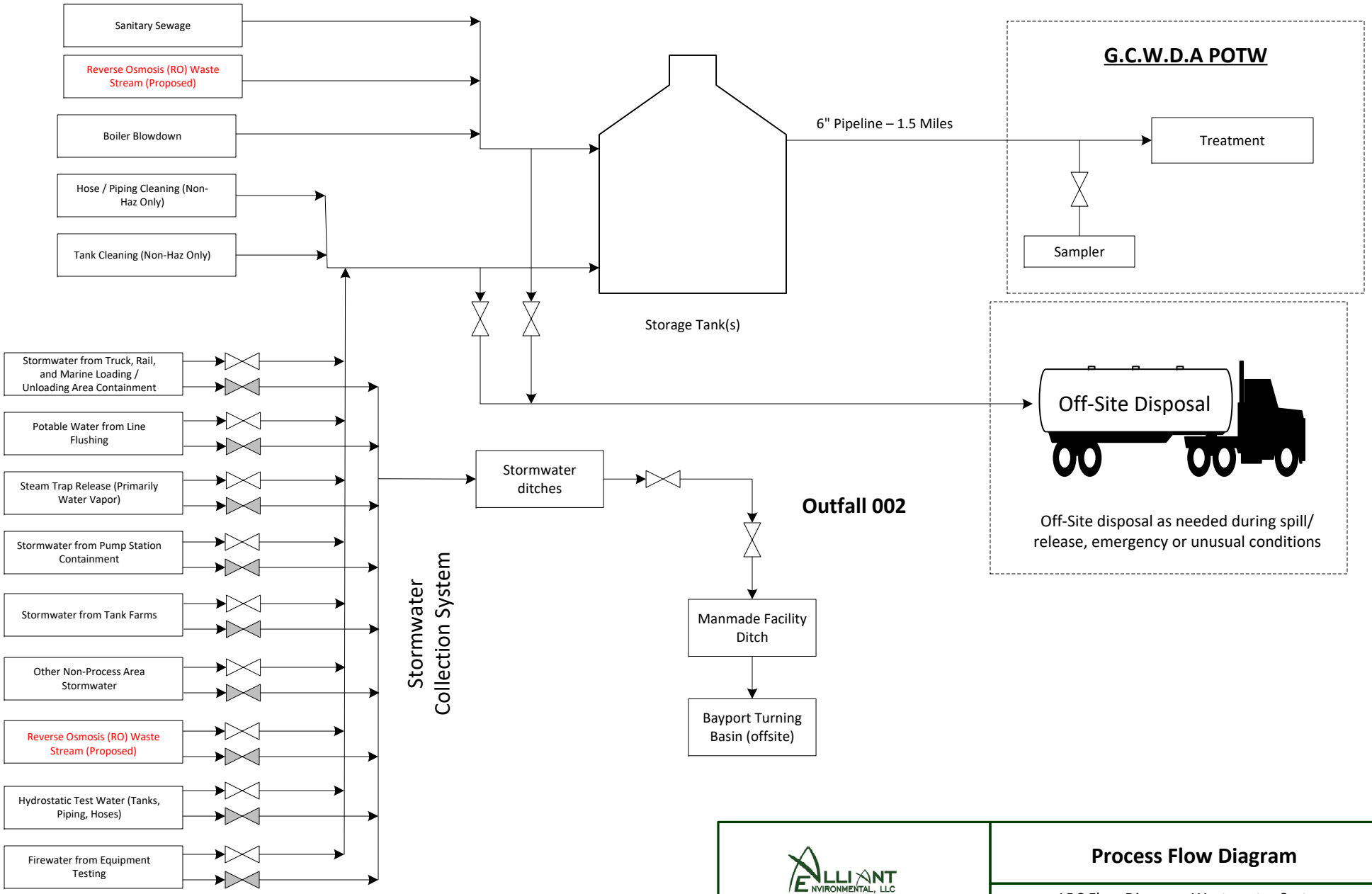
23219 Red River Drive
Katy, TX 77494

Process Flow Diagram

LBC Flow Diagram: Wastewater System
Outfall 001
Wastewater Permit Renewal & Amendment
Harris County, Texas

LBC Houston, LP

Scale:	Drawn by:	Date:	Project No.:	File Name:	Figure:
Drawing Not to Scale	KZ	9/24/2025	025-050	**LBC Flow Diagram 001**	H-1
	Chk'd by:	Date:			



ELLIANT ENVIRONMENTAL, LLC

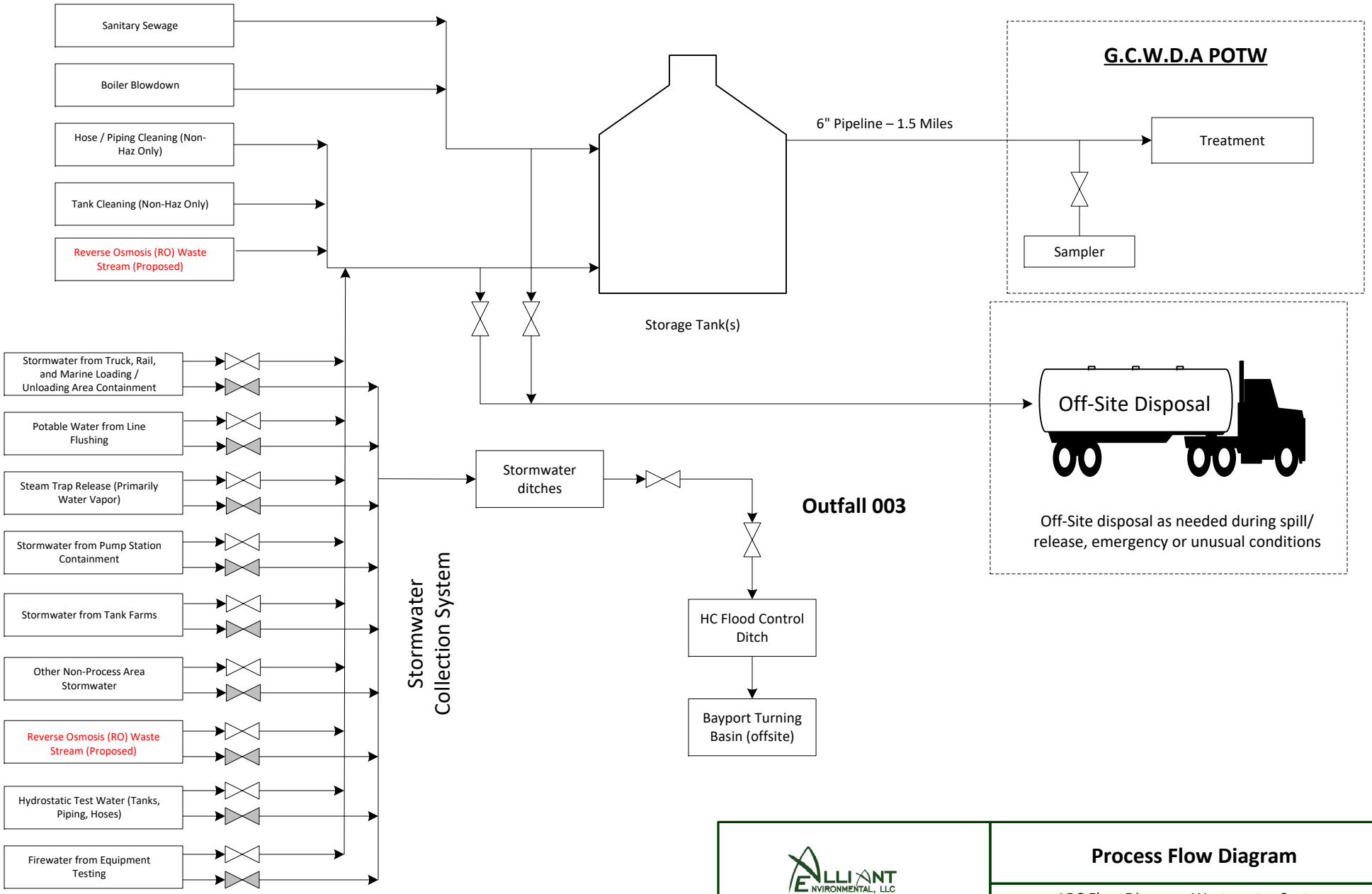
23219 Red River Drive
Katy, TX 77494

Process Flow Diagram

LBC Flow Diagram: Wastewater System
Outfall 002
Wastewater Permit Renewal & Amendment
Harris County, Texas

LBC Houston, LP

Scale:	Drawn by:	Date:	Project No.:	File Name:	Figure:
Drawing Not to Scale	KZ	9/24/2025	025-050	**LBC Flow Diagram 002**	H-2
	Chk'd by:	Date:			



ELLIANT ENVIRONMENTAL, LLC

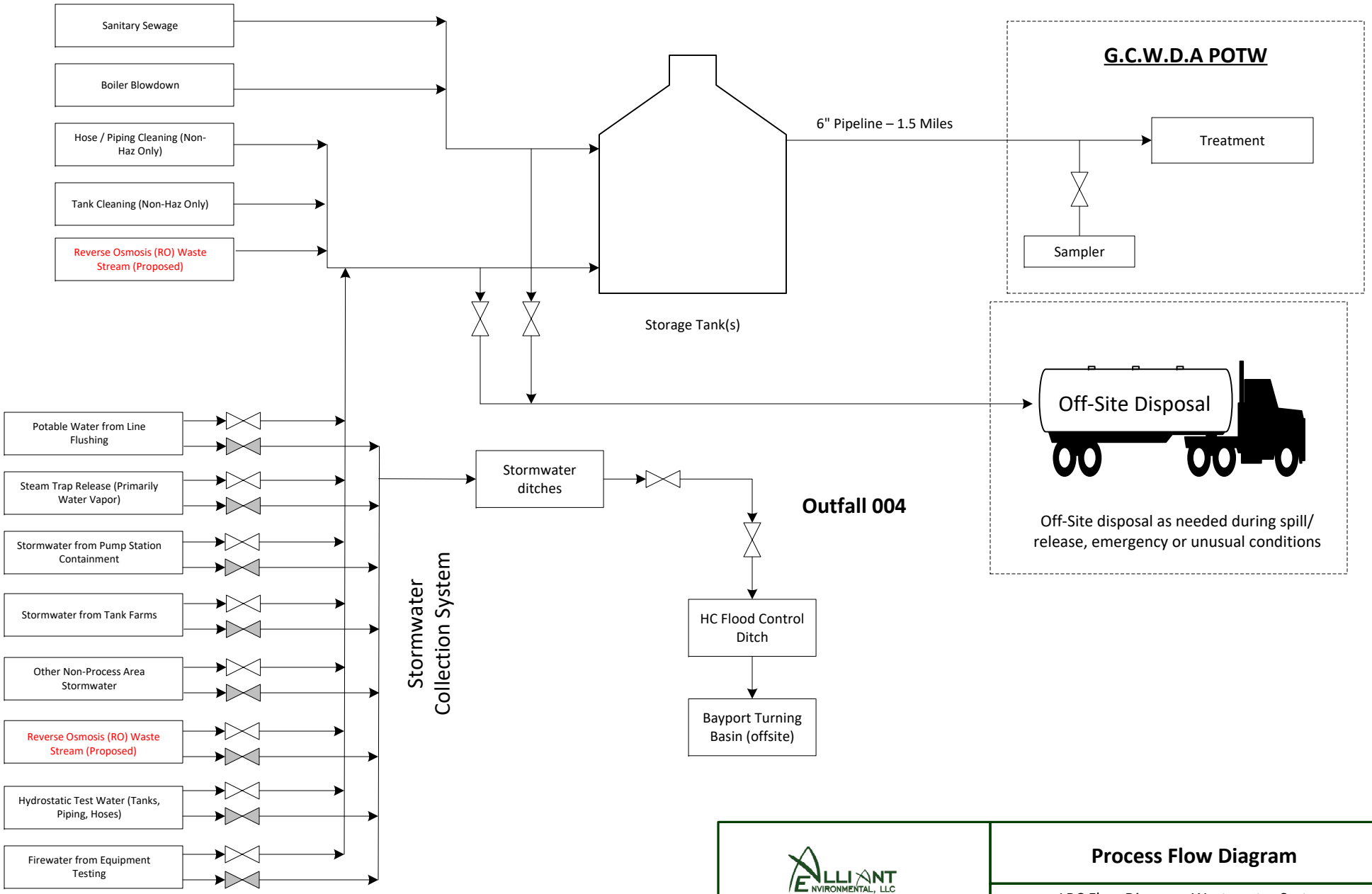
23219 Red River Drive
Katy, TX 77494

Process Flow Diagram

LBC Flow Diagram: Wastewater System
Outfall 003
Wastewater Permit Renewal & Amendment
Harris County, Texas

LBC Houston, LP

Scale:	Drawn by:	Date:	Project No.:	File Name:	Figure:
Drawing Not to Scale	KZ	9/24/2025	025-050	**LBC Flow Diagram 003**	H-3
	Chk'd by:	Date:			



ELLIANT ENVIRONMENTAL, LLC

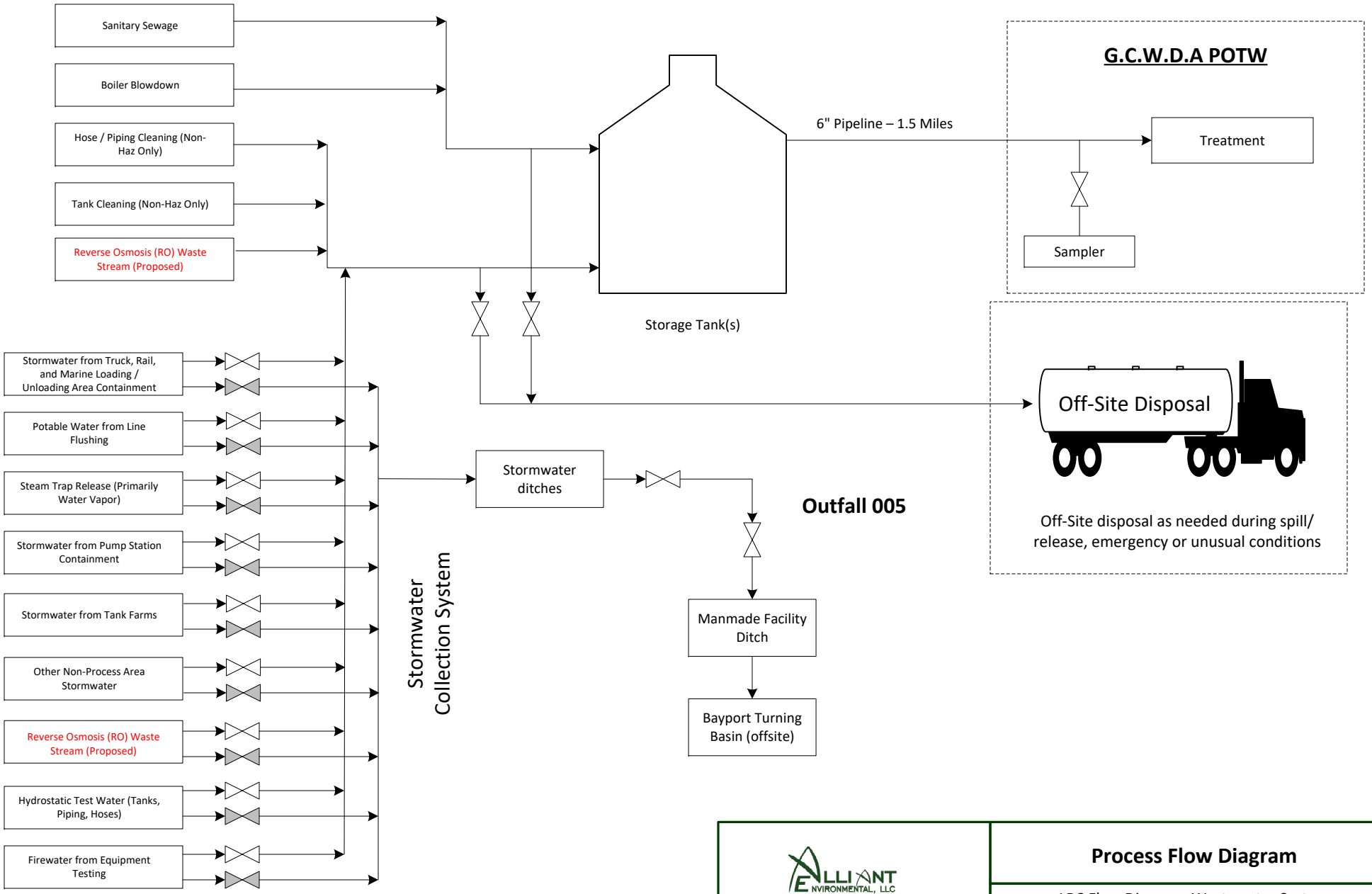
23219 Red River Drive
Katy, TX 77494

Process Flow Diagram

LBC Flow Diagram: Wastewater System
Outfall 004
Wastewater Permit Renewal & Amendment
Harris County, Texas

LBC Houston, LP

Scale:	Drawn by:	Date:	Project No.:	File Name:	Figure:
Drawing Not to Scale	KZ	9/24/2025	025-050	**LBC Flow Diagram 004**	H-4
	Chk'd by:	Date:			



ELLIANT ENVIRONMENTAL, LLC

23219 Red River Drive
Katy, TX 77494

Process Flow Diagram

LBC Flow Diagram: Wastewater System
Outfall 005
Wastewater Permit Renewal & Amendment
Harris County, Texas

LBC Houston, LP

Scale:	Drawn by:	Date:	Project No.:	File Name:	Figure:
Drawing Not to Scale	KZ	9/24/2025	025-050	**LBC Flow Diagram 005**	H-5
	Chk'd by:	Date:			

Attachment 5
Updated Worksheet 2.0 for Each Outfall
Laboratory Reports

INDUSTRIAL WASTEWATER PERMIT APPLICATION WORKSHEET 2.0: POLLUTANT ANALYSIS

Worksheet 2.0 **is required** for all applications submitted for a TPDES permit. Worksheet 2.0 is not required for applications for a permit to dispose of all wastewater by land disposal or for discharges solely of stormwater associated with industrial activities.

Item 1. General Testing Requirements (Instructions, Page 55)

a. Provide the date range of all sampling events conducted to obtain the analytical data submitted with this application (e.g., 05/01/2018-05/30/2018): 8/12/2025-8/20/2025

b. ☒ Check the box to confirm all samples were collected no more than 12 months prior to the date of application submittal.

c. Read the general testing requirements in the instructions for important information about sampling, test methods, and MALs. If a contact laboratory was used, attach a list which includes the name, contact information, and pollutants analyzed for each laboratory/firm. **Attachment:** K

Item 2. Specific Testing Requirements (Instructions, Page 56)

Attach correspondence from TCEQ approving submittal of less than the required number of samples, if applicable. **Attachment:** Click to enter text.

TABLE 1 and TABLE 2 (Instructions, Page 58)

Completion of Tables 1 and 2 is required for all external outfalls for all TPDES permit applications.

Table 1 for Outfall No.: 001 **Samples are (check one): ☒ Composite ☐ Grab**

Pollutant	Sample 1 (mg/L)	Sample 2 (mg/L)	Sample 3 (mg/L)	Sample 4 (mg/L)
BOD (5-day)	2.32	4.07	9.61	
CBOD (5-day)	2.43	3.73	7.17	
Chemical oxygen demand	41	27.0	21.0	
Total organic carbon	4.56	5.52	10.1	
Dissolved oxygen	NA	NA	NA	
Ammonia nitrogen	0.443	0.215	0.429	
Total suspended solids	4.9	23.3	108	
Nitrate nitrogen	0.8	0.548	0.674	
Total organic nitrogen	0.52	0.78	0.53	
Total phosphorus	0.032J	0.138	0.241	
Oil and grease	0.952J	4.29	5.0	
Total residual chlorine	NA	NA	NA	

Pollutant	Sample 1 (mg/L)	Sample 2 (mg/L)	Sample 3 (mg/L)	Sample 4 (mg/L)
Total dissolved solids	2640	380	218	
Sulfate	261	104	47.5	
Chloride	1190	35.4	53.6	
Fluoride	0.38	0.438	0.479	
Total alkalinity (mg/L as CaCO3)	NA	NA	NA	
Temperature (°F)	NA	NA	NA	
pH (standard units)	NA	NA	NA	

Table 2 for Outfall No.: 001 **Samples are (check one): ☒ Composite ☐ Grab**

Pollutant	Sample 1 (µg/L)	Sample 2 (µg/L)	Sample 3 (µg/L)	Sample 4 (µg/L)	MAL (µg/L)
Aluminum, total	213	457	800		2.5
Antimony, total	0.611J	1.44J	<0.53		5
Arsenic, total	1.84J	3.14	1.2J		0.5
Barium, total	82.6	87.0	49.5		3
Beryllium, total	<0.091	<0.091	0.195J		0.5
Cadmium, total	0.093J	0.166J	0.305J		1
Chromium, total	0.919J	6.68	2.23J		3
Chromium, hexavalent	<2.4	3.0J	<4.8		3
Chromium, trivalent	<10	<10	<10		N/A
Copper, total	5.18	6.97	6.08		2
Cyanide, available	2.0J	<2.0	<2.0		2/10
Lead, total	0.284J	1.17J	2.4		0.5
Mercury, total	<0.03	<0.03	<0.03		0.005/0.0005
Nickel, total	0.982J	1.54J	2.18		2
Selenium, total	1.12J	<0.660	<0.86		5
Silver, total	<0.044	<0.044	<0.044		0.5
Thallium, total	<0.25	<0.25	<0.25		0.5
Zinc, total	18.8	67.1	96.4		5.0

TABLE 3 (Instructions, Page 58)

Completion of Table 3 **is required** for all **external outfalls** which discharge process wastewater.

Partial completion of Table 3 **is required** for all **external outfalls** which discharge non-process wastewater and stormwater associated with industrial activities commingled with other wastestreams (see instructions for additional guidance).

Table 3 for Outfall No.: 001 **Samples are (check one): ☒ Composite ☐ Grab**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
Acrylonitrile					50
Anthracene					10
Benzene	<0.28	<0.28	<0.28		10
Benzidine	<0.018	<0.018	<0.018		50
Benzo(a)anthracene	<0.013	<0.013	<0.013		5
Benzo(a)pyrene	<0.07	<0.07	<0.07		5
Bis(2-chloroethyl)ether					10
Bis(2-ethylhexyl)phthalate					10
Bromodichloromethane [Dichlorobromomethane]					10
Bromoform					10
Carbon tetrachloride	<0.34	<0.34	<0.34		2
Chlorobenzene	<0.36	<0.36	<0.36		10
Chlorodibromomethane [Dibromochloromethane]	<0.39	<0.39	<0.39		10
Chloroform	<0.32	<0.32	<0.32		10
Chrysene	<0.034	<0.034	<0.034		5
m-Cresol [3-Methylphenol]	<0.044	<0.044	<0.044		10
o-Cresol [2-Methylphenol]	<0.033	<0.033	<0.033		10
p-Cresol [4-Methylphenol]	<0.044	<0.044	<0.044		10
1,2-Dibromoethane	<0.3	<0.3	<0.3		10
m-Dichlorobenzene [1,3-Dichlorobenzene]					10
o-Dichlorobenzene [1,2-Dichlorobenzene]					10
p-Dichlorobenzene [1,4-Dichlorobenzene]	<0.35	<0.35	<0.35		10
3,3'-Dichlorobenzidine					5
1,2-Dichloroethane	<0.41	<0.41	<0.41		10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
1,1-Dichloroethene [1,1-Dichloroethylene]	<0.22	<0.22	<0.22		10
Dichloromethane [Methylene chloride]					20
1,2-Dichloropropane					10
1,3-Dichloropropene [1,3-Dichloropropylene]					10
2,4-Dimethylphenol					10
Di-n-Butyl phthalate					10
Epichlorohydrin (1-Chloro-2,3-epoxypropane)					---
Ethylbenzene					10
Ethylene Glycol	<130	<130	<130		---
Fluoride	380	438	479		500
Hexachlorobenzene	<0.09	<0.09	<0.09		5
Hexachlorobutadiene	<2.5	<2.5	<2.5		10
Hexachlorocyclopentadiene					10
Hexachloroethane	<0.045	<0.045	<0.045		20
4,4'-Isopropylidenediphenol (bisphenol A)					1
Methyl ethyl ketone	<1.5	<1.5	3.3J		50
Methyl tert-butyl ether (MTBE)					---
Nitrobenzene	<0.068	<0.068	<0.068		10
N-Nitrosodiethylamine	<0.047	<0.047	<0.047		20
N-Nitroso-di-n-butylamine	<0.12	<0.12	<0.12		20
Nonylphenol					333
Pentachlorobenzene	<0.035	<0.035	<0.035		20
Pentachlorophenol	<0.16	<0.16	<0.16		5
Phenanthrene	<0.038	<0.038	<0.038		10
Polychlorinated biphenyls (PCBs) (**)	<0.2	<0.2	<0.2		0.2
Pyridine	0.12	<0.088	<0.088		20
1,2,4,5-Tetrachlorobenzene	<0.067	<0.067	<0.067		20
1,1,2,2-Tetrachloroethane					10
Tetrachloroethene [Tetrachloroethylene]	<0.3	<0.3	<0.3		10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
Toluene					10
1,1,1-Trichloroethane	<0.24	<0.24	<0.24		10
1,1,2-Trichloroethane					10
Trichloroethene [Trichloroethylene]	<0.35	<0.35	<0.35		10
2,4,5-Trichlorophenol	<0.057	<0.057	<0.057		50
TTHM (Total trihalomethanes)	<1.6	<1.6	<1.6		10
Vinyl chloride	<0.23	<0.23	<0.23		10

(*) Indicate units if different from µg/L.

(**) Total of detects for PCB-1242, PCB-1254, PCB-1221, PCB-1232, PCB-1248, PCB-1260, and PCB-1016. If all non-detects, enter the highest non-detect preceded by a "<".

TABLE 4 (Instructions, Pages 58-59)

Partial completion of Table 4 **is required** for each **external outfall** based on the conditions below.

a. **Tributyltin**

Is this facility an industrial/commercial facility which currently or proposes to directly dispose of wastewater from the types of operations listed below or a domestic facility which currently or proposes to receive wastewater from the types of industrial/commercial operations listed below?

☐ Yes ☒ No

If **yes**, check the box next to each of the following criteria which apply and provide the appropriate testing results in Table 4 below (check all that apply).

☐ Manufacturers and formulators of tributyltin or related compounds.

☐ Painting of ships, boats and marine structures.

☐ Ship and boat building and repairing.

☐ Ship and boat cleaning, salvage, wrecking and scaling.

☐ Operation and maintenance of marine cargo handling facilities and marinas.

☐ Facilities engaged in wood preserving.

☐ Any other industrial/commercial facility for which tributyltin is known to be present, or for which there is any reason to believe that tributyltin may be present in the effluent.

b. **Enterococci (discharge to saltwater)**

This facility discharges/proposes to discharge directly into saltwater receiving waters **and** Enterococci bacteria are expected to be present in the discharge based on facility processes.

☐ Yes ☒ No

Domestic wastewater is/will be discharged.

☐ Yes ☒ No

If **yes to either** question, provide the appropriate testing results in Table 4 below.

c. E. coli (discharge to freshwater)

This facility discharges/proposes to discharge directly into freshwater receiving waters **and** *E. coli* bacteria are expected to be present in the discharge based on facility processes.

☐ Yes ☒ No

Domestic wastewater is/will be discharged.

☐ Yes ☒ No

If **yes to either** question, provide the appropriate testing results in Table 4 below.

Table 4 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	**Sample 1**	**Sample 2**	**Sample 3**	**Sample 4**	**MAL**
Tributyltin (µg/L)					0.010
Enterococci (cfu or MPN/100 mL)					N/A
E. coli (cfu or MPN/100 mL)					N/A

TABLE 5 (Instructions, Page 59)

Completion of Table 5 **is required** for all **external outfalls** which discharge process wastewater from a facility which manufactures or formulates pesticides or herbicides or other wastewaters which may contain pesticides or herbicides.

If this facility does not/will not manufacture or formulate pesticides or herbicides and does not/will not discharge other wastewaters that may contain pesticides or herbicides, check N/A.

☒ N/A

Table 5 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	**Sample 1 (µg/L)***	**Sample 2 (µg/L)***	**Sample 3 (µg/L)***	**Sample 4 (µg/L)***	**MAL (µg/L)***
Aldrin					0.01
Carbaryl					5
Chlordane					0.2
Chlorpyrifos					0.05
4,4'-DDD					0.1
4,4'-DDE					0.1
4,4'-DDT					0.02
2,4-D					0.7
Danitol [Fenpropathrin]					—
Demeton					0.20
Diazinon					0.5/0.1

Pollutant	**Sample 1 (µg/L)***	**Sample 2 (µg/L)***	**Sample 3 (µg/L)***	**Sample 4 (µg/L)***	**MAL (µg/L)***
Dicofol [Kelthane]					1
Dieldrin					0.02
Diuron					0.090
Endosulfan I (*alpha*)					0.01
Endosulfan II (*beta*)					0.02
Endosulfan sulfate					0.1
Endrin					0.02
Guthion [Azinphos methyl]					0.1
Heptachlor					0.01
Heptachlor epoxide					0.01
Hexachlorocyclohexane (*alpha*)					0.05
Hexachlorocyclohexane (*beta*)					0.05
Hexachlorocyclohexane (*gamma*) [Lindane]					0.05
Hexachlorophene					10
Malathion					0.1
Methoxychlor					2.0
Mirex					0.02
Parathion (ethyl)					0.1
Toxaphene					0.3
2,4,5-TP [Silvex]					0.3

* Indicate units if different from µg/L.

TABLE 6 (Instructions, Page 59)

Completion of Table 6 **is required** for all **external outfalls**.

Table 6 for Outfall No.: 001 **Samples are (check one): ☐ Composite ☐ Grab**

Pollutants	Believed Present	Believed Absent	Sample 1 (mg/L)	Sample 2 (mg/L)	Sample 3 (mg/L)	Sample 4 (mg/L)	MAL (µg/L)*
Bromide	☐	☒					400
Color (PCU)	☐	☒					—
Nitrate-Nitrite (as N)	☐	☒					—
Sulfide (as S)	☐	☒					—
Sulfite (as SO3)	☐	☒					—
Surfactants	☐	☒					—
Boron, total	☐	☒					20
Cobalt, total	☐	☒					0.3
Iron, total	☐	☒					7
Magnesium, total	☐	☒					20
Manganese, total	☐	☒					0.5
Molybdenum, total	☐	☒					1
Tin, total	☐	☒					5
Titanium, total	☐	☒					30

TABLE 7 (Instructions, Page 60)

Check the box next to any of the industrial categories applicable to this facility. If no categories are applicable, check N/A. If GC/MS testing is required, check the box provided to confirm the testing results for the appropriate parameters are provided with the application.

☒ N/A

Table 7 for Applicable Industrial Categories

Industrial Category	40 CFR Part	Volatiles Table 8	Acids Table 9	Bases/ Neutrals Table 10	Pesticides Table 11
☐ Adhesives and Sealants		☐ Yes	☐ Yes	☐ Yes	No
☐ Aluminum Forming	467	☐ Yes	☐ Yes	☐ Yes	No
☐ Auto and Other Laundries		☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Battery Manufacturing	461	☐ Yes	No	☐ Yes	No
☐ Coal Mining	434	No	No	No	No
☐ Coil Coating	465	☐ Yes	☐ Yes	☐ Yes	No
☐ Copper Forming	468	☐ Yes	☐ Yes	☐ Yes	No
☐ Electric and Electronic Components	469	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Electroplating	413	☐ Yes	☐ Yes	☐ Yes	No
☐ Explosives Manufacturing	457	No	☐ Yes	☐ Yes	No
☐ Foundries		☐ Yes	☐ Yes	☐ Yes	No
☐ Gum and Wood Chemicals - Subparts A,B,C,E	454	☐ Yes	☐ Yes	No	No
☐ Gum and Wood Chemicals - Subparts D,F	454	☐ Yes	☐ Yes	☐ Yes	No
☐ Inorganic Chemicals Manufacturing	415	☐ Yes	☐ Yes	☐ Yes	No
☐ Iron and Steel Manufacturing	420	☐ Yes	☐ Yes	☐ Yes	No
☐ Leather Tanning and Finishing	425	☐ Yes	☐ Yes	☐ Yes	No
☐ Mechanical Products Manufacturing		☐ Yes	☐ Yes	☐ Yes	No
☐ Nonferrous Metals Manufacturing	421,471	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Oil and Gas Extraction - Subparts A, D, E, F, G, H	435	☐ Yes	☐ Yes	☐ Yes	No
☐ Ore Mining - Subpart B	440	No	☐ Yes	No	No
☐ Organic Chemicals Manufacturing	414	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Paint and Ink Formulation	446,447	☐ Yes	☐ Yes	☐ Yes	No
☐ Pesticides	455	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Petroleum Refining	419	☐ Yes	No	No	No
☐ Pharmaceutical Preparations	439	☐ Yes	☐ Yes	☐ Yes	No
☐ Photographic Equipment and Supplies	459	☐ Yes	☐ Yes	☐ Yes	No
☐ Plastic and Synthetic Materials Manufacturing	414	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Plastic Processing	463	☐ Yes	No	No	No
☐ Porcelain Enameling	466	No	No	No	No
☐ Printing and Publishing		☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Pulp and Paperboard Mills - Subpart C	430	☐ *	☐ Yes	☐ *	☐ Yes
☐ Pulp and Paperboard Mills - Subparts F, K	430	☐ *	☐ Yes	☐ *	☐ *
☐ Pulp and Paperboard Mills - Subparts A, B, D, G, H	430	☐ Yes	☐ Yes	☐ *	☐ *
☐ Pulp and Paperboard Mills - Subparts I, J, L	430	☐ Yes	☐ Yes	☐ *	☐ Yes
☐ Pulp and Paperboard Mills - Subpart E	430	☐ Yes	☐ Yes	☐ Yes	☐ *
☐ Rubber Processing	428	☐ Yes	☐ Yes	☐ Yes	No
☐ Soap and Detergent Manufacturing	417	☐ Yes	☐ Yes	☐ Yes	No
☐ Steam Electric Power Plants	423	☐ Yes	☐ Yes	No	No
☐ Textile Mills (Not Subpart C)	410	☐ Yes	☐ Yes	☐ Yes	No
☐ Timber Products Processing	429	☐ Yes	☐ Yes	☐ Yes	☐ Yes

* Test if believed present.

TABLES 8, 9, 10, and 11 (Instructions, Page 60)

Completion of Tables 8, 9, 10, and 11 **is required** as specified in Table 7 for all **external outfalls** that contain process wastewater.

Completion of Tables 8, 9, 10, and 11 **may be required** for types of industry not specified in Table 7 for specific parameters that are believed to be present in the wastewater.

Table 8 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	**Sample 1 (µg/L)***	**Sample 2 (µg/L)***	**Sample 3 (µg/L)***	**Sample 4 (µg/L)***	**MAL (µg/L)**
Acrolein					50
Acrylonitrile					50
Benzene					10
Bromoform					10
Carbon tetrachloride					2
Chlorobenzene					10
Chlorodibromomethane					10
Chloroethane					50
2-Chloroethylvinyl ether					10
Chloroform					10
Dichlorobromomethane [Bromodichloromethane]					10
1,1-Dichloroethane					10
1,2-Dichloroethane					10
1,1-Dichloroethylene [1,1-Dichloroethene]					10
1,2-Dichloropropane					10
1,3-Dichloropropylene [1,3-Dichloropropene]					10
Ethylbenzene					10
Methyl bromide [Bromomethane]					50
Methyl chloride [Chloromethane]					50
Methylene chloride [Dichloromethane]					20
1,1,2,2-Tetrachloroethane					10
Tetrachloroethylene [Tetrachloroethene]					10
Toluene					10
1,2-Trans-dichloroethylene [1,2-Trans-dichloroethene]					10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
1,1,1-Trichloroethane					10
1,1,2-Trichloroethane					10
Trichloroethylene [Trichloroethene]					10
Vinyl chloride					10

* Indicate units if different from µg/L.

Table 9 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
2-Chlorophenol					10
2,4-Dichlorophenol					10
2,4-Dimethylphenol					10
4,6-Dinitro-o-cresol					50
2,4-Dinitrophenol					50
2-Nitrophenol					20
4-Nitrophenol					50
p-Chloro-m-cresol					10
Pentachlorophenol					5
Phenol					10
2,4,6-Trichlorophenol					10

* Indicate units if different from µg/L.

Table 10 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
Acenaphthene					10
Acenaphthylene					10
Anthracene					10
Benzidine					50
Benzo(a)anthracene					5
Benzo(a)pyrene					5
3,4-Benzofluoranthene [Benzo(b)fluoranthene]					10
Benzo(ghi)perylene					20
Benzo(k)fluoranthene					5
Bis(2-chloroethoxy)methane					10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
Bis(2-chloroethyl)ether					10
Bis(2-chloroisopropyl)ether					10
Bis(2-ethylhexyl)phthalate					10
4-Bromophenyl phenyl ether					10
Butylbenzyl phthalate					10
2-Chloronaphthalene					10
4-Chlorophenyl phenyl ether					10
Chrysene					5
Dibenzo(a,h)anthracene					5
1,2-Dichlorobenzene [o-Dichlorobenzene]					10
1,3-Dichlorobenzene [m-Dichlorobenzene]					10
1,4-Dichlorobenzene [p-Dichlorobenzene]					10
3,3'-Dichlorobenzidine					5
Diethyl phthalate					10
Dimethyl phthalate					10
Di-n-butyl phthalate					10
2,4-Dinitrotoluene					10
2,6-Dinitrotoluene					10
Di-n-octyl phthalate					10
1,2-Diphenylhydrazine (as Azobenzene)					20
Fluoranthene					10
Fluorene					10
Hexachlorobenzene					5
Hexachlorobutadiene					10
Hexachlorocyclopentadiene					10
Hexachloroethane					20
Indeno(1,2,3-cd)pyrene					5
Isophorone					10
Naphthalene					10
Nitrobenzene					10
N-Nitrosodimethylamine					50

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
N-Nitrosodi-n-propylamine					20
N-Nitrosodiphenylamine					20
Phenanthrene					10
Pyrene					10
1,2,4-Trichlorobenzene					10

* Indicate units if different from µg/L.

Table 11 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
Aldrin					0.01
alpha-BHC [alpha-Hexachlorocyclohexane]					0.05
beta-BHC [beta-Hexachlorocyclohexane]					0.05
gamma-BHC [gamma-Hexachlorocyclohexane]					0.05
delta-BHC [delta-Hexachlorocyclohexane]					0.05
Chlordane					0.2
4,4'-DDT					0.02
4,4'-DDE					0.1
4,4'-DDD					0.1
Dieldrin					0.02
Endosulfan I (alpha)					0.01
Endosulfan II (beta)					0.02
Endosulfan sulfate					0.1
Endrin					0.02
Endrin aldehyde					0.1
Heptachlor					0.01
Heptachlor epoxide					0.01
PCB 1242					0.2
PCB 1254					0.2
PCB 1221					0.2
PCB 1232					0.2
PCB 1248					0.2

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
PCB 1260					0.2
PCB 1016					0.2
Toxaphene					0.3

* Indicate units if different from µg/L.

Attachment: Click to enter text.

TABLE 12 (DIOXINS/FURAN COMPOUNDS)

Complete of Table 12 **is required** for **external outfalls**, as directed below. (Instructions, Pages 59-60)

Indicate which compound(s) are manufactured or used at the facility and provide a brief description of the conditions of its/their presence at the facility (check all that apply).

☐ 2,4,5-trichlorophenoxy acetic acid (2,4,5-T) CASRN 93-76-5

☐ 2-(2,4,5-trichlorophenoxy) propanoic acid (Silvex, 2,4,5-TP) CASRN 93-72-1

☐ 2-(2,4,5-trichlorophenoxy) ethyl 2,2-dichloropropionate (Erbon) CASRN 136-25-4

☐ 0,0-dimethyl 0-(2,4,5-trichlorophenyl) phosphorothioate (Ronnel) CASRN 299-84-3

☐ 2,4,5-trichlorophenol (TCP) CASRN 95-95-4

☐ hexachlorophene (HCP) CASRN 70-30-4

☒ None of the above

Description: Click to enter text.

Does the applicant or anyone at the facility 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 the effluent proposed for discharge?

☐ Yes ☒ No

Description: Click to enter text.

If **yes** to either Items a **or** b, complete Table 12 as instructed.

Table 12 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Compound	Toxicity Equivalent Factors	Wastewater Concentration (ppq)	Wastewater Toxicity Equivalents (ppq)	Sludge Concentration (ppt)	Sludge Toxicity Equivalents (ppt)	MAL (ppq)
2,3,7,8-TCDD	1					10
1,2,3,7,8-PeCDD	1.0					50
2,3,7,8-HxCDDs	0.1					50
1,2,3,4,6,7,8-HpCDD	0.01					50

Compound	Toxicity Equivalent Factors	Wastewater Concentration (ppq)	Wastewater Toxicity Equivalents (ppq)	Sludge Concentration (ppt)	Sludge Toxicity Equivalents (ppt)	MAL (ppq)
2,3,7,8-TCDF	0.1					10
1,2,3,7,8-PeCDF	0.03					50
2,3,4,7,8-PeCDF	0.3					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					500
PCB 81	0.0003					500
PCB 126	0.1					500
PCB 169	0.03					500
Total						

TABLE 13 (HAZARDOUS SUBSTANCES)

Complete Table 13 **is required** for all **external outfalls** as directed below. (Instructions, Pages 60-61)

Are there any pollutants listed in the instructions (pages 55-62) believed present in the discharge?

☐ Yes ☒ No

Are there pollutants listed in Item 1.c. of Technical Report 1.0 which are believed present in the discharge and have not been analytically quantified elsewhere in this application?

☐ Yes ☒ No

If **yes** to either Items a **or** b, complete Table 13 as instructed.

Table 13 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	CASRN	Sample 1 (µg/L)	Sample 2 (µg/L)	Sample 3 (µg/L)	Sample 4 (µg/L)	Analytical Method

INDUSTRIAL WASTEWATER PERMIT APPLICATION WORKSHEET 2.0: POLLUTANT ANALYSIS

Worksheet 2.0 **is required** for all applications submitted for a TPDES permit. Worksheet 2.0 is not required for applications for a permit to dispose of all wastewater by land disposal or for discharges solely of stormwater associated with industrial activities.

Item 1. General Testing Requirements (Instructions, Page 55)

a. Provide the date range of all sampling events conducted to obtain the analytical data submitted with this application (e.g., 05/01/2018-05/30/2018): 8/12/2025-8/20/2025

b. ☒ Check the box to confirm all samples were collected no more than 12 months prior to the date of application submittal.

c. Read the general testing requirements in the instructions for important information about sampling, test methods, and MALs. If a contact laboratory was used, attach a list which includes the name, contact information, and pollutants analyzed for each laboratory/firm. **Attachment:** K

Item 2. Specific Testing Requirements (Instructions, Page 56)

Attach correspondence from TCEQ approving submittal of less than the required number of samples, if applicable. **Attachment:** Click to enter text.

TABLE 1 and TABLE 2 (Instructions, Page 58)

Completion of Tables 1 and 2 is required for all external outfalls for all TPDES permit applications.

Table 1 for Outfall No.: 002 **Samples are (check one): ☒ Composite ☐ Grab**

Pollutant	Sample 1 (mg/L)	Sample 2 (mg/L)	Sample 3 (mg/L)	Sample 4 (mg/L)
BOD (5-day)	5.8	2.51	8.50	
CBOD (5-day)	3.09	2.14	6.48	
Chemical oxygen demand	16.0	22.0	22.0	
Total organic carbon	4.65	5.79	8.08	
Dissolved oxygen	NA	NA	NA	
Ammonia nitrogen	0.346	0.299	0.467	
Total suspended solids	43.3	13.7	121	
Nitrate nitrogen	0.96	1.29	0.634	
Total organic nitrogen	<0.5	0.56	<0.5	
Total phosphorus	0.054	0.058	0.193	
Oil and grease	4.76	4.09	1.36J	
Total residual chlorine	NA	NA	NA	

Pollutant	Sample 1 (mg/L)	Sample 2 (mg/L)	Sample 3 (mg/L)	Sample 4 (mg/L)
Total dissolved solids	282	372	176	
Sulfate	140	179	48.7	
Chloride	12.8	15.2	65.9	
Fluoride	0.56	0.850	0.341	
Total alkalinity (mg/L as CaCO3)	NA	NA	NA	
Temperature (°F)	NA	NA	NA	
pH (standard units)	NA	NA	NA	

Table 2 for Outfall No.: 002 **Samples are (check one): ☒ Composite ☐ Grab**

Pollutant	Sample 1 (µg/L)	Sample 2 (µg/L)	Sample 3 (µg/L)	Sample 4 (µg/L)	MAL (µg/L)
Aluminum, total	556	390	544		2.5
Antimony, total	<0.53	1.01J	<0.53		5
Arsenic, total	1.62J	2.16	1.05J		0.5
Barium, total	53.5	76.8	40.7		3
Beryllium, total	<0.091	<0.091	0.131J		0.5
Cadmium, total	<0.077	<0.077	0.192J		1
Chromium, total	2.12J	3.0J	1.7J		3
Chromium, hexavalent	5.0J	3.0J	<4.8		3
Chromium, trivalent	<10	<10	<10		N/A
Copper, total	3.20	3.66	4.47		2
Cyanide, available	2.0J	<2.0	<2.0		2/10
Lead, total	1.05J	0.571J	1.63J		0.5
Mercury, total	<0.03	<0.03	<0.03		0.005/0.0005
Nickel, total	0.982J	1.84J	1.45J		2
Selenium, total	<0.86	<0.86	<0.86		5
Silver, total	<0.044	<0.044	<0.044		0.5
Thallium, total	<0.25	<0.25	<0.25		0.5
Zinc, total	19.8	26.5	65.5		5.0

TABLE 3 (Instructions, Page 58)

Completion of Table 3 **is required** for all **external outfalls** which discharge process wastewater.

Partial completion of Table 3 **is required** for all **external outfalls** which discharge non-process wastewater and stormwater associated with industrial activities commingled with other wastestreams (see instructions for additional guidance).

Table 3 for Outfall No.: 002 **Samples are (check one): ☒ Composite ☐ Grab**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
Acrylonitrile					50
Anthracene					10
Benzene	<0.28	<0.28	<0.28		10
Benzidine	<0.018	<0.018	<0.018		50
Benzo(a)anthracene	<0.013	<0.013	<0.013		5
Benzo(a)pyrene	<0.07	<0.07	<0.07		5
Bis(2-chloroethyl)ether					10
Bis(2-ethylhexyl)phthalate					10
Bromodichloromethane [Dichlorobromomethane]					10
Bromoform					10
Carbon tetrachloride	<0.34	<0.34	<0.34		2
Chlorobenzene	<0.36	<0.36	<0.36		10
Chlorodibromomethane [Dibromochloromethane]	<0.39	<0.39	<0.39		10
Chloroform	<0.32	<0.32	<0.32		10
Chrysene	<0.034	<0.034	<0.034		5
m-Cresol [3-Methylphenol]	<0.044	<0.044	<0.044		10
o-Cresol [2-Methylphenol]	<0.033	<0.033	<0.033		10
p-Cresol [4-Methylphenol]	<0.044	<0.044	<0.044		10
1,2-Dibromoethane	<0.3	<0.3	<0.3		10
m-Dichlorobenzene [1,3-Dichlorobenzene]					10
o-Dichlorobenzene [1,2-Dichlorobenzene]					10
p-Dichlorobenzene [1,4-Dichlorobenzene]	<0.35	<0.35	<0.35		10
3,3'-Dichlorobenzidine					5
1,2-Dichloroethane	<0.41	<0.41	<0.41		10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
1,1-Dichloroethene [1,1-Dichloroethylene]	<0.22	<0.22	<0.22		10
Dichloromethane [Methylene chloride]					20
1,2-Dichloropropane					10
1,3-Dichloropropene [1,3-Dichloropropylene]					10
2,4-Dimethylphenol					10
Di-n-Butyl phthalate					10
Epichlorohydrin (1-Chloro-2,3-epoxypropane)					---
Ethylbenzene					10
Ethylene Glycol	<130	<130	<130		---
Fluoride	560	850	341		500
Hexachlorobenzene	<0.09	<0.09	<0.09		5
Hexachlorobutadiene	<2.5	<2.5	<2.5		10
Hexachlorocyclopentadiene					10
Hexachloroethane	<0.045	<0.045	<0.045		20
4,4'-Isopropylidenediphenol (bisphenol A)					1
Methyl ethyl ketone	3.2J	3.2J	3.1J		50
Methyl tert-butyl ether (MTBE)					---
Nitrobenzene	<0.068	<0.068	<0.068		10
N-Nitrosodiethylamine	<0.047	<0.047	<0.047		20
N-Nitroso-di-n-butylamine	<0.12	<0.12	<0.12		20
Nonylphenol					333
Pentachlorobenzene	<0.035	<0.035	<0.035		20
Pentachlorophenol	<0.16	<0.16	<0.16		5
Phenanthrene	<0.038	<0.038	<0.038		10
Polychlorinated biphenyls (PCBs) (**)	<0.2	<0.2	<0.2		0.2
Pyridine	<0.088	<0.088	<0.088		20
1,2,4,5-Tetrachlorobenzene	<0.067	<0.067	<0.067		20
1,1,2,2-Tetrachloroethane					10
Tetrachloroethene [Tetrachloroethylene]	<0.3	<0.3	<0.3		10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
Toluene					10
1,1,1-Trichloroethane	<0.24	<0.24	<0.24		10
1,1,2-Trichloroethane					10
Trichloroethene [Trichloroethylene]	<0.35	<0.35	<0.35		10
2,4,5-Trichlorophenol	<0.057	<0.057	<0.057		50
TTHM (Total trihalomethanes)	<1.6	<1.6	<1.6		10
Vinyl chloride	<0.23	<0.23	<0.23		10

(*) Indicate units if different from µg/L.

(**) Total of detects for PCB-1242, PCB-1254, PCB-1221, PCB-1232, PCB-1248, PCB-1260, and PCB-1016. If all non-detects, enter the highest non-detect preceded by a "<".

TABLE 4 (Instructions, Pages 58-59)

Partial completion of Table 4 **is required** for each **external outfall** based on the conditions below.

a. **Tributyltin**

Is this facility an industrial/commercial facility which currently or proposes to directly dispose of wastewater from the types of operations listed below or a domestic facility which currently or proposes to receive wastewater from the types of industrial/commercial operations listed below?

☐ Yes ☒ No

If **yes**, check the box next to each of the following criteria which apply and provide the appropriate testing results in Table 4 below (check all that apply).

☐ Manufacturers and formulators of tributyltin or related compounds.

☐ Painting of ships, boats and marine structures.

☐ Ship and boat building and repairing.

☐ Ship and boat cleaning, salvage, wrecking and scaling.

☐ Operation and maintenance of marine cargo handling facilities and marinas.

☐ Facilities engaged in wood preserving.

☐ Any other industrial/commercial facility for which tributyltin is known to be present, or for which there is any reason to believe that tributyltin may be present in the effluent.

b. **Enterococci (discharge to saltwater)**

This facility discharges/proposes to discharge directly into saltwater receiving waters **and** Enterococci bacteria are expected to be present in the discharge based on facility processes.

☐ Yes ☒ No

Domestic wastewater is/will be discharged.

☐ Yes ☒ No

If **yes to either** question, provide the appropriate testing results in Table 4 below.

c. E. coli (discharge to freshwater)

This facility discharges/proposes to discharge directly into freshwater receiving waters **and** *E. coli* bacteria are expected to be present in the discharge based on facility processes.

☐ Yes ☒ No

Domestic wastewater is/will be discharged.

☐ Yes ☒ No

If **yes to either** question, provide the appropriate testing results in Table 4 below.

Table 4 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	**Sample 1**	**Sample 2**	**Sample 3**	**Sample 4**	**MAL**
Tributyltin (µg/L)					0.010
Enterococci (cfu or MPN/100 mL)					N/A
E. coli (cfu or MPN/100 mL)					N/A

TABLE 5 (Instructions, Page 59)

Completion of Table 5 **is required** for all **external outfalls** which discharge process wastewater from a facility which manufactures or formulates pesticides or herbicides or other wastewaters which may contain pesticides or herbicides.

If this facility does not/will not manufacture or formulate pesticides or herbicides and does not/will not discharge other wastewaters that may contain pesticides or herbicides, check N/A.

☒ N/A

Table 5 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	**Sample 1 (µg/L)***	**Sample 2 (µg/L)***	**Sample 3 (µg/L)***	**Sample 4 (µg/L)***	**MAL (µg/L)***
Aldrin					0.01
Carbaryl					5
Chlordane					0.2
Chlorpyrifos					0.05
4,4'-DDD					0.1
4,4'-DDE					0.1
4,4'-DDT					0.02
2,4-D					0.7
Danitol [Fenpropathrin]					—
Demeton					0.20
Diazinon					0.5/0.1

Pollutant	**Sample 1 (µg/L)***	**Sample 2 (µg/L)***	**Sample 3 (µg/L)***	**Sample 4 (µg/L)***	**MAL (µg/L)***
Dicofol [Kelthane]					1
Dieldrin					0.02
Diuron					0.090
Endosulfan I (*alpha*)					0.01
Endosulfan II (*beta*)					0.02
Endosulfan sulfate					0.1
Endrin					0.02
Guthion [Azinphos methyl]					0.1
Heptachlor					0.01
Heptachlor epoxide					0.01
Hexachlorocyclohexane (*alpha*)					0.05
Hexachlorocyclohexane (*beta*)					0.05
Hexachlorocyclohexane (*gamma*) [Lindane]					0.05
Hexachlorophene					10
Malathion					0.1
Methoxychlor					2.0
Mirex					0.02
Parathion (ethyl)					0.1
Toxaphene					0.3
2,4,5-TP [Silvex]					0.3

* Indicate units if different from µg/L.

TABLE 6 (Instructions, Page 59)

Completion of Table 6 **is required** for all **external outfalls**.

Table 6 for Outfall No.: 002 **Samples are (check one): ☐ Composite ☐ Grab**

Pollutants	Believed Present	Believed Absent	Sample 1 (mg/L)	Sample 2 (mg/L)	Sample 3 (mg/L)	Sample 4 (mg/L)	MAL (µg/L)*
Bromide	☐	☒					400
Color (PCU)	☐	☒					—
Nitrate-Nitrite (as N)	☐	☒					—
Sulfide (as S)	☐	☒					—
Sulfite (as SO3)	☐	☒					—
Surfactants	☐	☒					—
Boron, total	☐	☒					20
Cobalt, total	☐	☒					0.3
Iron, total	☐	☒					7
Magnesium, total	☐	☒					20
Manganese, total	☐	☒					0.5
Molybdenum, total	☐	☒					1
Tin, total	☐	☒					5
Titanium, total	☐	☒					30

TABLE 7 (Instructions, Page 60)

Check the box next to any of the industrial categories applicable to this facility. If no categories are applicable, check N/A. If GC/MS testing is required, check the box provided to confirm the testing results for the appropriate parameters are provided with the application.

☒ N/A

Table 7 for Applicable Industrial Categories

Industrial Category	40 CFR Part	Volatiles Table 8	Acids Table 9	Bases/ Neutrals Table 10	Pesticides Table 11
☐ Adhesives and Sealants		☐ Yes	☐ Yes	☐ Yes	No
☐ Aluminum Forming	467	☐ Yes	☐ Yes	☐ Yes	No
☐ Auto and Other Laundries		☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Battery Manufacturing	461	☐ Yes	No	☐ Yes	No
☐ Coal Mining	434	No	No	No	No
☐ Coil Coating	465	☐ Yes	☐ Yes	☐ Yes	No
☐ Copper Forming	468	☐ Yes	☐ Yes	☐ Yes	No
☐ Electric and Electronic Components	469	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Electroplating	413	☐ Yes	☐ Yes	☐ Yes	No
☐ Explosives Manufacturing	457	No	☐ Yes	☐ Yes	No
☐ Foundries		☐ Yes	☐ Yes	☐ Yes	No
☐ Gum and Wood Chemicals - Subparts A,B,C,E	454	☐ Yes	☐ Yes	No	No
☐ Gum and Wood Chemicals - Subparts D,F	454	☐ Yes	☐ Yes	☐ Yes	No
☐ Inorganic Chemicals Manufacturing	415	☐ Yes	☐ Yes	☐ Yes	No
☐ Iron and Steel Manufacturing	420	☐ Yes	☐ Yes	☐ Yes	No
☐ Leather Tanning and Finishing	425	☐ Yes	☐ Yes	☐ Yes	No
☐ Mechanical Products Manufacturing		☐ Yes	☐ Yes	☐ Yes	No
☐ Nonferrous Metals Manufacturing	421,471	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Oil and Gas Extraction - Subparts A, D, E, F, G, H	435	☐ Yes	☐ Yes	☐ Yes	No
☐ Ore Mining - Subpart B	440	No	☐ Yes	No	No
☐ Organic Chemicals Manufacturing	414	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Paint and Ink Formulation	446,447	☐ Yes	☐ Yes	☐ Yes	No
☐ Pesticides	455	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Petroleum Refining	419	☐ Yes	No	No	No
☐ Pharmaceutical Preparations	439	☐ Yes	☐ Yes	☐ Yes	No
☐ Photographic Equipment and Supplies	459	☐ Yes	☐ Yes	☐ Yes	No
☐ Plastic and Synthetic Materials Manufacturing	414	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Plastic Processing	463	☐ Yes	No	No	No
☐ Porcelain Enameling	466	No	No	No	No
☐ Printing and Publishing		☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Pulp and Paperboard Mills - Subpart C	430	☐ *	☐ Yes	☐ *	☐ Yes
☐ Pulp and Paperboard Mills - Subparts F, K	430	☐ *	☐ Yes	☐ *	☐ *
☐ Pulp and Paperboard Mills - Subparts A, B, D, G, H	430	☐ Yes	☐ Yes	☐ *	☐ *
☐ Pulp and Paperboard Mills - Subparts I, J, L	430	☐ Yes	☐ Yes	☐ *	☐ Yes
☐ Pulp and Paperboard Mills - Subpart E	430	☐ Yes	☐ Yes	☐ Yes	☐ *
☐ Rubber Processing	428	☐ Yes	☐ Yes	☐ Yes	No
☐ Soap and Detergent Manufacturing	417	☐ Yes	☐ Yes	☐ Yes	No
☐ Steam Electric Power Plants	423	☐ Yes	☐ Yes	No	No
☐ Textile Mills (Not Subpart C)	410	☐ Yes	☐ Yes	☐ Yes	No
☐ Timber Products Processing	429	☐ Yes	☐ Yes	☐ Yes	☐ Yes

* Test if believed present.

TABLES 8, 9, 10, and 11 (Instructions, Page 60)

Completion of Tables 8, 9, 10, and 11 **is required** as specified in Table 7 for all **external outfalls** that contain process wastewater.

Completion of Tables 8, 9, 10, and 11 **may be required** for types of industry not specified in Table 7 for specific parameters that are believed to be present in the wastewater.

Table 8 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	**Sample 1 (µg/L)***	**Sample 2 (µg/L)***	**Sample 3 (µg/L)***	**Sample 4 (µg/L)***	**MAL (µg/L)**
Acrolein					50
Acrylonitrile					50
Benzene					10
Bromoform					10
Carbon tetrachloride					2
Chlorobenzene					10
Chlorodibromomethane					10
Chloroethane					50
2-Chloroethylvinyl ether					10
Chloroform					10
Dichlorobromomethane [Bromodichloromethane]					10
1,1-Dichloroethane					10
1,2-Dichloroethane					10
1,1-Dichloroethylene [1,1-Dichloroethene]					10
1,2-Dichloropropane					10
1,3-Dichloropropylene [1,3-Dichloropropene]					10
Ethylbenzene					10
Methyl bromide [Bromomethane]					50
Methyl chloride [Chloromethane]					50
Methylene chloride [Dichloromethane]					20
1,1,2,2-Tetrachloroethane					10
Tetrachloroethylene [Tetrachloroethene]					10
Toluene					10
1,2-Trans-dichloroethylene [1,2-Trans-dichloroethene]					10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
1,1,1-Trichloroethane					10
1,1,2-Trichloroethane					10
Trichloroethylene [Trichloroethene]					10
Vinyl chloride					10

* Indicate units if different from µg/L.

Table 9 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
2-Chlorophenol					10
2,4-Dichlorophenol					10
2,4-Dimethylphenol					10
4,6-Dinitro-o-cresol					50
2,4-Dinitrophenol					50
2-Nitrophenol					20
4-Nitrophenol					50
p-Chloro-m-cresol					10
Pentachlorophenol					5
Phenol					10
2,4,6-Trichlorophenol					10

* Indicate units if different from µg/L.

Table 10 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
Acenaphthene					10
Acenaphthylene					10
Anthracene					10
Benzidine					50
Benzo(a)anthracene					5
Benzo(a)pyrene					5
3,4-Benzofluoranthene [Benzo(b)fluoranthene]					10
Benzo(ghi)perylene					20
Benzo(k)fluoranthene					5
Bis(2-chloroethoxy)methane					10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
Bis(2-chloroethyl)ether					10
Bis(2-chloroisopropyl)ether					10
Bis(2-ethylhexyl)phthalate					10
4-Bromophenyl phenyl ether					10
Butylbenzyl phthalate					10
2-Chloronaphthalene					10
4-Chlorophenyl phenyl ether					10
Chrysene					5
Dibenzo(a,h)anthracene					5
1,2-Dichlorobenzene [o-Dichlorobenzene]					10
1,3-Dichlorobenzene [m-Dichlorobenzene]					10
1,4-Dichlorobenzene [p-Dichlorobenzene]					10
3,3'-Dichlorobenzidine					5
Diethyl phthalate					10
Dimethyl phthalate					10
Di-n-butyl phthalate					10
2,4-Dinitrotoluene					10
2,6-Dinitrotoluene					10
Di-n-octyl phthalate					10
1,2-Diphenylhydrazine (as Azobenzene)					20
Fluoranthene					10
Fluorene					10
Hexachlorobenzene					5
Hexachlorobutadiene					10
Hexachlorocyclopentadiene					10
Hexachloroethane					20
Indeno(1,2,3-cd)pyrene					5
Isophorone					10
Naphthalene					10
Nitrobenzene					10
N-Nitrosodimethylamine					50

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
N-Nitrosodi-n-propylamine					20
N-Nitrosodiphenylamine					20
Phenanthrene					10
Pyrene					10
1,2,4-Trichlorobenzene					10

* Indicate units if different from µg/L.

Table 11 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
Aldrin					0.01
alpha-BHC [alpha-Hexachlorocyclohexane]					0.05
beta-BHC [beta-Hexachlorocyclohexane]					0.05
gamma-BHC [gamma-Hexachlorocyclohexane]					0.05
delta-BHC [delta-Hexachlorocyclohexane]					0.05
Chlordane					0.2
4,4'-DDT					0.02
4,4'-DDE					0.1
4,4'-DDD					0.1
Dieldrin					0.02
Endosulfan I (alpha)					0.01
Endosulfan II (beta)					0.02
Endosulfan sulfate					0.1
Endrin					0.02
Endrin aldehyde					0.1
Heptachlor					0.01
Heptachlor epoxide					0.01
PCB 1242					0.2
PCB 1254					0.2
PCB 1221					0.2
PCB 1232					0.2
PCB 1248					0.2

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
PCB 1260					0.2
PCB 1016					0.2
Toxaphene					0.3

* Indicate units if different from µg/L.

Attachment: Click to enter text.

TABLE 12 (DIOXINS/FURAN COMPOUNDS)

Complete of Table 12 **is required** for **external outfalls**, as directed below. (Instructions, Pages 59-60)

Indicate which compound(s) are manufactured or used at the facility and provide a brief description of the conditions of its/their presence at the facility (check all that apply).

☐ 2,4,5-trichlorophenoxy acetic acid (2,4,5-T) CASRN 93-76-5

☐ 2-(2,4,5-trichlorophenoxy) propanoic acid (Silvex, 2,4,5-TP) CASRN 93-72-1

☐ 2-(2,4,5-trichlorophenoxy) ethyl 2,2-dichloropropionate (Erbon) CASRN 136-25-4

☐ 0,0-dimethyl 0-(2,4,5-trichlorophenyl) phosphorothioate (Ronnel) CASRN 299-84-3

☐ 2,4,5-trichlorophenol (TCP) CASRN 95-95-4

☐ hexachlorophene (HCP) CASRN 70-30-4

☒ None of the above

Description: Click to enter text.

Does the applicant or anyone at the facility 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 the effluent proposed for discharge?

☐ Yes ☒ No

Description: Click to enter text.

If **yes** to either Items a **or** b, complete Table 12 as instructed.

Table 12 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Compound	Toxicity Equivalent Factors	Wastewater Concentration (ppq)	Wastewater Toxicity Equivalents (ppq)	Sludge Concentration (ppt)	Sludge Toxicity Equivalents (ppt)	MAL (ppq)
2,3,7,8-TCDD	1					10
1,2,3,7,8-PeCDD	1.0					50
2,3,7,8-HxCDDs	0.1					50
1,2,3,4,6,7,8-HpCDD	0.01					50

Compound	Toxicity Equivalent Factors	Wastewater Concentration (ppq)	Wastewater Toxicity Equivalents (ppq)	Sludge Concentration (ppt)	Sludge Toxicity Equivalents (ppt)	MAL (ppq)
2,3,7,8-TCDF	0.1					10
1,2,3,7,8-PeCDF	0.03					50
2,3,4,7,8-PeCDF	0.3					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					500
PCB 81	0.0003					500
PCB 126	0.1					500
PCB 169	0.03					500
Total						

TABLE 13 (HAZARDOUS SUBSTANCES)

Complete Table 13 **is required** for all **external outfalls** as directed below. (Instructions, Pages 60-61)

Are there any pollutants listed in the instructions (pages 55-62) believed present in the discharge?

☐ Yes ☒ No

Are there pollutants listed in Item 1.c. of Technical Report 1.0 which are believed present in the discharge and have not been analytically quantified elsewhere in this application?

☐ Yes ☒ No

If **yes** to either Items a **or** b, complete Table 13 as instructed.

Table 13 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	CASRN	Sample 1 (µg/L)	Sample 2 (µg/L)	Sample 3 (µg/L)	Sample 4 (µg/L)	Analytical Method

INDUSTRIAL WASTEWATER PERMIT APPLICATION WORKSHEET 2.0: POLLUTANT ANALYSIS

Worksheet 2.0 **is required** for all applications submitted for a TPDES permit. Worksheet 2.0 is not required for applications for a permit to dispose of all wastewater by land disposal or for discharges solely of stormwater associated with industrial activities.

Item 1. General Testing Requirements (Instructions, Page 55)

a. Provide the date range of all sampling events conducted to obtain the analytical data submitted with this application (e.g., 05/01/2018-05/30/2018): 8/12/2025-8/20/2025

b. ☒ Check the box to confirm all samples were collected no more than 12 months prior to the date of application submittal.

c. Read the general testing requirements in the instructions for important information about sampling, test methods, and MALs. If a contact laboratory was used, attach a list which includes the name, contact information, and pollutants analyzed for each laboratory/firm. **Attachment:** K

Item 2. Specific Testing Requirements (Instructions, Page 56)

Attach correspondence from TCEQ approving submittal of less than the required number of samples, if applicable. **Attachment:** Click to enter text.

TABLE 1 and TABLE 2 (Instructions, Page 58)

Completion of Tables 1 and 2 is required for all external outfalls for all TPDES permit applications.

Table 1 for Outfall No.: 003 **Samples are (check one): ☒ Composite ☐ Grab**

Pollutant	Sample 1 (mg/L)	Sample 2 (mg/L)	Sample 3 (mg/L)	Sample 4 (mg/L)
BOD (5-day)	5.14	2.38	7.03	
CBOD (5-day)	4.57	2.18	8.54	
Chemical oxygen demand	25	16.0	20.0	
Total organic carbon	6.74	4.48	8.3	
Dissolved oxygen	NA	NA	NA	
Ammonia nitrogen	0.427	0.324	0.373	
Total suspended solids	23.8	10.7	150	
Nitrate nitrogen	0.556	1.05	0.629	
Total organic nitrogen	<0.5	0.78	<0.5	
Total phosphorus	0.066	0.048J	0.249	
Oil and grease	0.93J	2.93	3.9	
Total residual chlorine	NA	NA	NA	

Pollutant	Sample 1 (mg/L)	Sample 2 (mg/L)	Sample 3 (mg/L)	Sample 4 (mg/L)
Total dissolved solids	786	344	190	
Sulfate	33.5	127	49.4	
Chloride	9.85	55.8	72.8	
Fluoride	0.885	0.510	0.320	
Total alkalinity (mg/L as CaCO3)	NA	NA	NA	
Temperature (°F)	NA	NA	NA	
pH (standard units)	NA	NA	NA	

Table 2 for Outfall No.: 003 **Samples are (check one): ☒ Composite ☐ Grab**

Pollutant	Sample 1 (µg/L)	Sample 2 (µg/L)	Sample 3 (µg/L)	Sample 4 (µg/L)	MAL (µg/L)
Aluminum, total	406	357	548		2.5
Antimony, total	0.662J	1.81J	<0.53		5
Arsenic, total	1.43J	2.79	0.979J		0.5
Barium, total	31.1	65.1	39.0		3
Beryllium, total	0.102J	0.103J	0.114J		0.5
Cadmium, total	0.260J	0.333J	0.142J		1
Chromium, total	2.02J	4.55	1.38J		3
Chromium, hexavalent	<2.4	7.0J	<4.8		3
Chromium, trivalent	<10	<10	<10		N/A
Copper, total	5.92	7.16	3.75		2
Cyanide, available	3.0J	<2.0	<2.0		2/10
Lead, total	1.28J	1.34J	1.37J		0.5
Mercury, total	<0.03	<0.03	<0.03		0.005/0.0005
Nickel, total	1.4J	1.65J	1.25J		2
Selenium, total	<0.86	<0.86	<0.86		5
Silver, total	<0.044	<0.044	<0.044		0.5
Thallium, total	<0.25	<0.25	<0.25		0.5
Zinc, total	73.7	113	53.5		5.0

TABLE 3 (Instructions, Page 58)

Completion of Table 3 **is required** for all **external outfalls** which discharge process wastewater.

Partial completion of Table 3 **is required** for all **external outfalls** which discharge non-process wastewater and stormwater associated with industrial activities commingled with other wastestreams (see instructions for additional guidance).

Table 3 for Outfall No.: 003 **Samples are (check one): ☒ Composite ☐ Grab**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
Acrylonitrile					50
Anthracene					10
Benzene	<0.28	<0.28	<0.28		10
Benzidine	<0.018	<0.018	<0.018		50
Benzo(a)anthracene	<0.013	<0.013	<0.013		5
Benzo(a)pyrene	<0.07	<0.07	<0.07		5
Bis(2-chloroethyl)ether					10
Bis(2-ethylhexyl)phthalate					10
Bromodichloromethane [Dichlorobromomethane]					10
Bromoform					10
Carbon tetrachloride	<0.34	<0.34	<0.34		2
Chlorobenzene	<0.36	<0.36	<0.36		10
Chlorodibromomethane [Dibromochloromethane]	<0.39	<0.39	<0.39		10
Chloroform	<0.32	<0.32	<0.32		10
Chrysene	<0.034	<0.034	<0.034		5
m-Cresol [3-Methylphenol]	<0.044	<0.044	<0.044		10
o-Cresol [2-Methylphenol]	<0.033	<0.033	<0.033		10
p-Cresol [4-Methylphenol]	<0.044	<0.044	<0.044		10
1,2-Dibromoethane	<0.3	<0.3	<0.3		10
m-Dichlorobenzene [1,3-Dichlorobenzene]					10
o-Dichlorobenzene [1,2-Dichlorobenzene]					10
p-Dichlorobenzene [1,4-Dichlorobenzene]	<0.35	<0.35	<0.35		10
3,3'-Dichlorobenzidine					5
1,2-Dichloroethane	<0.41	<0.41	<0.41		10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
1,1-Dichloroethene [1,1-Dichloroethylene]	<0.22	<0.22	<0.22		10
Dichloromethane [Methylene chloride]					20
1,2-Dichloropropane					10
1,3-Dichloropropene [1,3-Dichloropropylene]					10
2,4-Dimethylphenol					10
Di-n-Butyl phthalate					10
Epichlorohydrin (1-Chloro-2,3-epoxypropane)					---
Ethylbenzene					10
Ethylene Glycol	5400	<130	<130		---
Fluoride	885	510	320		500
Hexachlorobenzene	<0.09	<0.09	<0.09		5
Hexachlorobutadiene	<2.5	<2.5	<2.5		10
Hexachlorocyclopentadiene					10
Hexachloroethane	<0.045	<0.045	<0.045		20
4,4'-Isopropylidenediphenol (bisphenol A)					1
Methyl ethyl ketone	4.2J	<1.5	3.0J		50
Methyl tert-butyl ether (MTBE)					---
Nitrobenzene	<0.068	<0.068	<0.068		10
N-Nitrosodiethylamine	<0.047	<0.047	<0.047		20
N-Nitroso-di-n-butylamine	<0.12	<0.12	<0.12		20
Nonylphenol					333
Pentachlorobenzene	<0.035	<0.035	<0.035		20
Pentachlorophenol	<0.16	<0.16	<0.16		5
Phenanthrene	<0.038	<0.038	<0.038		10
Polychlorinated biphenyls (PCBs) (**)	<0.2	<0.2	<0.2		0.2
Pyridine	<0.088	<0.088	<0.088		20
1,2,4,5-Tetrachlorobenzene	<0.067	<0.067	<0.067		20
1,1,2,2-Tetrachloroethane					10
Tetrachloroethene [Tetrachloroethylene]	<0.3	<0.3	<0.3		10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
Toluene					10
1,1,1-Trichloroethane	<0.24	<0.24	<0.24		10
1,1,2-Trichloroethane					10
Trichloroethene [Trichloroethylene]	<0.35	<0.35	<0.35		10
2,4,5-Trichlorophenol	<0.057	<0.057	<0.057		50
TTHM (Total trihalomethanes)	<1.6	<1.6	<1.6		10
Vinyl chloride	<0.23	<0.23	<0.23		10

(*) Indicate units if different from µg/L.

(**) Total of detects for PCB-1242, PCB-1254, PCB-1221, PCB-1232, PCB-1248, PCB-1260, and PCB-1016. If all non-detects, enter the highest non-detect preceded by a "<".

TABLE 4 (Instructions, Pages 58-59)

Partial completion of Table 4 **is required** for each **external outfall** based on the conditions below.

a. **Tributyltin**

Is this facility an industrial/commercial facility which currently or proposes to directly dispose of wastewater from the types of operations listed below or a domestic facility which currently or proposes to receive wastewater from the types of industrial/commercial operations listed below?

☐ Yes ☒ No

If **yes**, check the box next to each of the following criteria which apply and provide the appropriate testing results in Table 4 below (check all that apply).

☐ Manufacturers and formulators of tributyltin or related compounds.

☐ Painting of ships, boats and marine structures.

☐ Ship and boat building and repairing.

☐ Ship and boat cleaning, salvage, wrecking and scaling.

☐ Operation and maintenance of marine cargo handling facilities and marinas.

☐ Facilities engaged in wood preserving.

☐ Any other industrial/commercial facility for which tributyltin is known to be present, or for which there is any reason to believe that tributyltin may be present in the effluent.

b. **Enterococci (discharge to saltwater)**

This facility discharges/proposes to discharge directly into saltwater receiving waters **and** Enterococci bacteria are expected to be present in the discharge based on facility processes.

☐ Yes ☒ No

Domestic wastewater is/will be discharged.

☐ Yes ☒ No

If **yes to either** question, provide the appropriate testing results in Table 4 below.

c. E. coli (discharge to freshwater)

This facility discharges/proposes to discharge directly into freshwater receiving waters **and** *E. coli* bacteria are expected to be present in the discharge based on facility processes.

☐ Yes ☒ No

Domestic wastewater is/will be discharged.

☐ Yes ☒ No

If **yes to either** question, provide the appropriate testing results in Table 4 below.

Table 4 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	**Sample 1**	**Sample 2**	**Sample 3**	**Sample 4**	**MAL**
Tributyltin (µg/L)					0.010
Enterococci (cfu or MPN/100 mL)					N/A
E. coli (cfu or MPN/100 mL)					N/A

TABLE 5 (Instructions, Page 59)

Completion of Table 5 **is required** for all **external outfalls** which discharge process wastewater from a facility which manufactures or formulates pesticides or herbicides or other wastewaters which may contain pesticides or herbicides.

If this facility does not/will not manufacture or formulate pesticides or herbicides and does not/will not discharge other wastewaters that may contain pesticides or herbicides, check N/A.

☒ N/A

Table 5 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	**Sample 1 (µg/L)***	**Sample 2 (µg/L)***	**Sample 3 (µg/L)***	**Sample 4 (µg/L)***	**MAL (µg/L)***
Aldrin					0.01
Carbaryl					5
Chlordane					0.2
Chlorpyrifos					0.05
4,4'-DDD					0.1
4,4'-DDE					0.1
4,4'-DDT					0.02
2,4-D					0.7
Danitol [Fenpropathrin]					—
Demeton					0.20
Diazinon					0.5/0.1

Pollutant	**Sample 1 (µg/L)***	**Sample 2 (µg/L)***	**Sample 3 (µg/L)***	**Sample 4 (µg/L)***	**MAL (µg/L)***
Dicofol [Kelthane]					1
Dieldrin					0.02
Diuron					0.090
Endosulfan I (*alpha*)					0.01
Endosulfan II (*beta*)					0.02
Endosulfan sulfate					0.1
Endrin					0.02
Guthion [Azinphos methyl]					0.1
Heptachlor					0.01
Heptachlor epoxide					0.01
Hexachlorocyclohexane (*alpha*)					0.05
Hexachlorocyclohexane (*beta*)					0.05
Hexachlorocyclohexane (*gamma*) [Lindane]					0.05
Hexachlorophene					10
Malathion					0.1
Methoxychlor					2.0
Mirex					0.02
Parathion (ethyl)					0.1
Toxaphene					0.3
2,4,5-TP [Silvex]					0.3

* Indicate units if different from µg/L.

TABLE 6 (Instructions, Page 59)

Completion of Table 6 **is required** for all **external outfalls**.

Table 6 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutants	**Believed Present**	**Believed Absent**	**Sample 1 (mg/L)**	**Sample 2 (mg/L)**	**Sample 3 (mg/L)**	**Sample 4 (mg/L)**	**MAL (µg/L)***
Bromide	☐	☒					400
Color (PCU)	☐	☒					—
Nitrate-Nitrite (as N)	☐	☒					—
Sulfide (as S)	☐	☒					—
Sulfite (as SO3)	☐	☒					—
Surfactants	☐	☒					—
Boron, total	☐	☒					20
Cobalt, total	☐	☒					0.3
Iron, total	☐	☒					7
Magnesium, total	☐	☒					20
Manganese, total	☐	☒					0.5
Molybdenum, total	☐	☒					1
Tin, total	☐	☒					5
Titanium, total	☐	☒					30

TABLE 7 (Instructions, Page 60)

Check the box next to any of the industrial categories applicable to this facility. If no categories are applicable, check N/A. If GC/MS testing is required, check the box provided to confirm the testing results for the appropriate parameters are provided with the application.

☒ N/A

Table 7 for Applicable Industrial Categories

Industrial Category	40 CFR Part	Volatiles Table 8	Acids Table 9	Bases/ Neutrals Table 10	Pesticides Table 11
☐ Adhesives and Sealants		☐ Yes	☐ Yes	☐ Yes	No
☐ Aluminum Forming	467	☐ Yes	☐ Yes	☐ Yes	No
☐ Auto and Other Laundries		☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Battery Manufacturing	461	☐ Yes	No	☐ Yes	No
☐ Coal Mining	434	No	No	No	No
☐ Coil Coating	465	☐ Yes	☐ Yes	☐ Yes	No
☐ Copper Forming	468	☐ Yes	☐ Yes	☐ Yes	No
☐ Electric and Electronic Components	469	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Electroplating	413	☐ Yes	☐ Yes	☐ Yes	No
☐ Explosives Manufacturing	457	No	☐ Yes	☐ Yes	No
☐ Foundries		☐ Yes	☐ Yes	☐ Yes	No
☐ Gum and Wood Chemicals - Subparts A,B,C,E	454	☐ Yes	☐ Yes	No	No
☐ Gum and Wood Chemicals - Subparts D,F	454	☐ Yes	☐ Yes	☐ Yes	No
☐ Inorganic Chemicals Manufacturing	415	☐ Yes	☐ Yes	☐ Yes	No
☐ Iron and Steel Manufacturing	420	☐ Yes	☐ Yes	☐ Yes	No
☐ Leather Tanning and Finishing	425	☐ Yes	☐ Yes	☐ Yes	No
☐ Mechanical Products Manufacturing		☐ Yes	☐ Yes	☐ Yes	No
☐ Nonferrous Metals Manufacturing	421,471	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Oil and Gas Extraction - Subparts A, D, E, F, G, H	435	☐ Yes	☐ Yes	☐ Yes	No
☐ Ore Mining - Subpart B	440	No	☐ Yes	No	No
☐ Organic Chemicals Manufacturing	414	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Paint and Ink Formulation	446,447	☐ Yes	☐ Yes	☐ Yes	No
☐ Pesticides	455	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Petroleum Refining	419	☐ Yes	No	No	No
☐ Pharmaceutical Preparations	439	☐ Yes	☐ Yes	☐ Yes	No
☐ Photographic Equipment and Supplies	459	☐ Yes	☐ Yes	☐ Yes	No
☐ Plastic and Synthetic Materials Manufacturing	414	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Plastic Processing	463	☐ Yes	No	No	No
☐ Porcelain Enameling	466	No	No	No	No
☐ Printing and Publishing		☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Pulp and Paperboard Mills - Subpart C	430	☐ *	☐ Yes	☐ *	☐ Yes
☐ Pulp and Paperboard Mills - Subparts F, K	430	☐ *	☐ Yes	☐ *	☐ *
☐ Pulp and Paperboard Mills - Subparts A, B, D, G, H	430	☐ Yes	☐ Yes	☐ *	☐ *
☐ Pulp and Paperboard Mills - Subparts I, J, L	430	☐ Yes	☐ Yes	☐ *	☐ Yes
☐ Pulp and Paperboard Mills - Subpart E	430	☐ Yes	☐ Yes	☐ Yes	☐ *
☐ Rubber Processing	428	☐ Yes	☐ Yes	☐ Yes	No
☐ Soap and Detergent Manufacturing	417	☐ Yes	☐ Yes	☐ Yes	No
☐ Steam Electric Power Plants	423	☐ Yes	☐ Yes	No	No
☐ Textile Mills (Not Subpart C)	410	☐ Yes	☐ Yes	☐ Yes	No
☐ Timber Products Processing	429	☐ Yes	☐ Yes	☐ Yes	☐ Yes

* Test if believed present.

TABLES 8, 9, 10, and 11 (Instructions, Page 60)

Completion of Tables 8, 9, 10, and 11 **is required** as specified in Table 7 for all **external outfalls** that contain process wastewater.

Completion of Tables 8, 9, 10, and 11 **may be required** for types of industry not specified in Table 7 for specific parameters that are believed to be present in the wastewater.

Table 8 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	**Sample 1 (µg/L)***	**Sample 2 (µg/L)***	**Sample 3 (µg/L)***	**Sample 4 (µg/L)***	**MAL (µg/L)**
Acrolein					50
Acrylonitrile					50
Benzene					10
Bromoform					10
Carbon tetrachloride					2
Chlorobenzene					10
Chlorodibromomethane					10
Chloroethane					50
2-Chloroethylvinyl ether					10
Chloroform					10
Dichlorobromomethane [Bromodichloromethane]					10
1,1-Dichloroethane					10
1,2-Dichloroethane					10
1,1-Dichloroethylene [1,1-Dichloroethene]					10
1,2-Dichloropropane					10
1,3-Dichloropropylene [1,3-Dichloropropene]					10
Ethylbenzene					10
Methyl bromide [Bromomethane]					50
Methyl chloride [Chloromethane]					50
Methylene chloride [Dichloromethane]					20
1,1,2,2-Tetrachloroethane					10
Tetrachloroethylene [Tetrachloroethene]					10
Toluene					10
1,2-Trans-dichloroethylene [1,2-Trans-dichloroethene]					10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
1,1,1-Trichloroethane					10
1,1,2-Trichloroethane					10
Trichloroethylene [Trichloroethene]					10
Vinyl chloride					10

* Indicate units if different from µg/L.

Table 9 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
2-Chlorophenol					10
2,4-Dichlorophenol					10
2,4-Dimethylphenol					10
4,6-Dinitro-o-cresol					50
2,4-Dinitrophenol					50
2-Nitrophenol					20
4-Nitrophenol					50
p-Chloro-m-cresol					10
Pentachlorophenol					5
Phenol					10
2,4,6-Trichlorophenol					10

* Indicate units if different from µg/L.

Table 10 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
Acenaphthene					10
Acenaphthylene					10
Anthracene					10
Benzidine					50
Benzo(a)anthracene					5
Benzo(a)pyrene					5
3,4-Benzofluoranthene [Benzo(b)fluoranthene]					10
Benzo(ghi)perylene					20
Benzo(k)fluoranthene					5
Bis(2-chloroethoxy)methane					10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
Bis(2-chloroethyl)ether					10
Bis(2-chloroisopropyl)ether					10
Bis(2-ethylhexyl)phthalate					10
4-Bromophenyl phenyl ether					10
Butylbenzyl phthalate					10
2-Chloronaphthalene					10
4-Chlorophenyl phenyl ether					10
Chrysene					5
Dibenzo(a,h)anthracene					5
1,2-Dichlorobenzene [o-Dichlorobenzene]					10
1,3-Dichlorobenzene [m-Dichlorobenzene]					10
1,4-Dichlorobenzene [p-Dichlorobenzene]					10
3,3'-Dichlorobenzidine					5
Diethyl phthalate					10
Dimethyl phthalate					10
Di-n-butyl phthalate					10
2,4-Dinitrotoluene					10
2,6-Dinitrotoluene					10
Di-n-octyl phthalate					10
1,2-Diphenylhydrazine (as Azobenzene)					20
Fluoranthene					10
Fluorene					10
Hexachlorobenzene					5
Hexachlorobutadiene					10
Hexachlorocyclopentadiene					10
Hexachloroethane					20
Indeno(1,2,3-cd)pyrene					5
Isophorone					10
Naphthalene					10
Nitrobenzene					10
N-Nitrosodimethylamine					50

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
N-Nitrosodi-n-propylamine					20
N-Nitrosodiphenylamine					20
Phenanthrene					10
Pyrene					10
1,2,4-Trichlorobenzene					10

* Indicate units if different from µg/L.

Table 11 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
Aldrin					0.01
alpha-BHC [alpha-Hexachlorocyclohexane]					0.05
beta-BHC [beta-Hexachlorocyclohexane]					0.05
gamma-BHC [gamma-Hexachlorocyclohexane]					0.05
delta-BHC [delta-Hexachlorocyclohexane]					0.05
Chlordane					0.2
4,4'-DDT					0.02
4,4'-DDE					0.1
4,4'-DDD					0.1
Dieldrin					0.02
Endosulfan I (alpha)					0.01
Endosulfan II (beta)					0.02
Endosulfan sulfate					0.1
Endrin					0.02
Endrin aldehyde					0.1
Heptachlor					0.01
Heptachlor epoxide					0.01
PCB 1242					0.2
PCB 1254					0.2
PCB 1221					0.2
PCB 1232					0.2
PCB 1248					0.2

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
PCB 1260					0.2
PCB 1016					0.2
Toxaphene					0.3

* Indicate units if different from µg/L.

Attachment: Click to enter text.

TABLE 12 (DIOXINS/FURAN COMPOUNDS)

Complete of Table 12 **is required** for **external outfalls**, as directed below. (Instructions, Pages 59-60)

Indicate which compound(s) are manufactured or used at the facility and provide a brief description of the conditions of its/their presence at the facility (check all that apply).

☐ 2,4,5-trichlorophenoxy acetic acid (2,4,5-T) CASRN 93-76-5

☐ 2-(2,4,5-trichlorophenoxy) propanoic acid (Silvex, 2,4,5-TP) CASRN 93-72-1

☐ 2-(2,4,5-trichlorophenoxy) ethyl 2,2-dichloropropionate (Erbon) CASRN 136-25-4

☐ 0,0-dimethyl 0-(2,4,5-trichlorophenyl) phosphorothioate (Ronnel) CASRN 299-84-3

☐ 2,4,5-trichlorophenol (TCP) CASRN 95-95-4

☐ hexachlorophene (HCP) CASRN 70-30-4

☒ None of the above

Description: Click to enter text.

Does the applicant or anyone at the facility 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 the effluent proposed for discharge?

☐ Yes ☒ No

Description: Click to enter text.

If **yes** to either Items a **or** b, complete Table 12 as instructed.

Table 12 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Compound	Toxicity Equivalent Factors	Wastewater Concentration (ppq)	Wastewater Toxicity Equivalents (ppq)	Sludge Concentration (ppt)	Sludge Toxicity Equivalents (ppt)	MAL (ppq)
2,3,7,8-TCDD	1					10
1,2,3,7,8-PeCDD	1.0					50
2,3,7,8-HxCDDs	0.1					50
1,2,3,4,6,7,8-HpCDD	0.01					50

Compound	Toxicity Equivalent Factors	Wastewater Concentration (ppq)	Wastewater Toxicity Equivalents (ppq)	Sludge Concentration (ppt)	Sludge Toxicity Equivalents (ppt)	MAL (ppq)
2,3,7,8-TCDF	0.1					10
1,2,3,7,8-PeCDF	0.03					50
2,3,4,7,8-PeCDF	0.3					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					500
PCB 81	0.0003					500
PCB 126	0.1					500
PCB 169	0.03					500
Total						

TABLE 13 (HAZARDOUS SUBSTANCES)

Complete Table 13 **is required** for all **external outfalls** as directed below. (Instructions, Pages 60-61)

Are there any pollutants listed in the instructions (pages 55-62) believed present in the discharge?

☐ Yes ☒ No

Are there pollutants listed in Item 1.c. of Technical Report 1.0 which are believed present in the discharge and have not been analytically quantified elsewhere in this application?

☐ Yes ☒ No

If **yes** to either Items a **or** b, complete Table 13 as instructed.

Table 13 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	CASRN	Sample 1 (µg/L)	Sample 2 (µg/L)	Sample 3 (µg/L)	Sample 4 (µg/L)	Analytical Method

INDUSTRIAL WASTEWATER PERMIT APPLICATION WORKSHEET 2.0: POLLUTANT ANALYSIS

Worksheet 2.0 **is required** for all applications submitted for a TPDES permit. Worksheet 2.0 is not required for applications for a permit to dispose of all wastewater by land disposal or for discharges solely of stormwater associated with industrial activities.

Item 1. General Testing Requirements (Instructions, Page 55)

a. Provide the date range of all sampling events conducted to obtain the analytical data submitted with this application (e.g., 05/01/2018-05/30/2018): 8/12/2025-8/20/2025

b. ☒ Check the box to confirm all samples were collected no more than 12 months prior to the date of application submittal.

c. Read the general testing requirements in the instructions for important information about sampling, test methods, and MALs. If a contact laboratory was used, attach a list which includes the name, contact information, and pollutants analyzed for each laboratory/firm. **Attachment:** K

Item 2. Specific Testing Requirements (Instructions, Page 56)

Attach correspondence from TCEQ approving submittal of less than the required number of samples, if applicable. **Attachment:** Click to enter text.

TABLE 1 and TABLE 2 (Instructions, Page 58)

Completion of Tables 1 and 2 is required for all external outfalls for all TPDES permit applications.

Table 1 for Outfall No.: 004 **Samples are (check one): ☒ Composite ☐ Grab**

Pollutant	Sample 1 (mg/L)	Sample 2 (mg/L)	Sample 3 (mg/L)	Sample 4 (mg/L)
BOD (5-day)	5.88	8.45	7.51	
CBOD (5-day)	4.16	7.98	5.86	
Chemical oxygen demand	27	39.0	23.0	
Total organic carbon	10.2	11.2	7.89	
Dissolved oxygen	NA	NA	NA	
Ammonia nitrogen	0.608	0.271	0.444	
Total suspended solids	199	20.8	159	
Nitrate nitrogen	0.538	0.222	0.629	
Total organic nitrogen	0.69	1.6	<0.5	
Total phosphorus	0.359	0.518	0.235	
Oil and grease	1.0J	3.50	1.9J	
Total residual chlorine	NA	NA	NA	

Pollutant	Sample 1 (mg/L)	Sample 2 (mg/L)	Sample 3 (mg/L)	Sample 4 (mg/L)
Total dissolved solids	222	290	240	
Sulfate	64.1	67.6	48.9	
Chloride	19.1	57.8	68.2	
Fluoride	0.438	0.852	0.307	
Total alkalinity (mg/L as CaCO3)	NA	NA	NA	
Temperature (°F)	NA	NA	NA	
pH (standard units)	NA	NA	NA	

Table 2 for Outfall No.: 004 **Samples are (check one): ☒ Composite ☐ Grab**

Pollutant	Sample 1 (µg/L)	Sample 2 (µg/L)	Sample 3 (µg/L)	Sample 4 (µg/L)	MAL (µg/L)
Aluminum, total	2530	659	606		2.5
Antimony, total	1.04J	1.50J	<0.53		5
Arsenic, total	8.02	9.99	1.2J		0.5
Barium, total	73.7	47.6	43.1		3
Beryllium, total	0.986J	0.110J	0.134J		0.5
Cadmium, total	0.155J	0.0840J	0.139J		1
Chromium, total	9.67	0.809J	1.58J		3
Chromium, hexavalent	3.0J	<2.4	<4.8		3
Chromium, trivalent	<10	<10	<10		N/A
Copper, total	24.5	23.9	4.14		2
Cyanide, available	2.0J	2.0J	<2.0		2/10
Lead, total	6.51	0.964	1.67J		0.5
Mercury, total	<0.03	<0.03	<0.03		0.005/0.0005
Nickel, total	6.4	2.16	1.58J		2
Selenium, total	0.86	<0.86	<0.86		5
Silver, total	0.061J	<0.044	<0.044		0.5
Thallium, total	<0.25	<0.25	<0.25		0.5
Zinc, total	98.9	43.5	62.0		5.0

TABLE 3 (Instructions, Page 58)

Completion of Table 3 **is required** for all **external outfalls** which discharge process wastewater.

Partial completion of Table 3 **is required** for all **external outfalls** which discharge non-process wastewater and stormwater associated with industrial activities commingled with other wastestreams (see instructions for additional guidance).

Table 3 for Outfall No.: 004 **Samples are (check one): ☒ Composite ☐ Grab**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
Acrylonitrile					50
Anthracene					10
Benzene	<0.28	<0.28	<0.28		10
Benzidine	<0.018	<0.018	<0.018		50
Benzo(a)anthracene	<0.013	<0.013	<0.013		5
Benzo(a)pyrene	<0.07	<0.07	<0.07		5
Bis(2-chloroethyl)ether					10
Bis(2-ethylhexyl)phthalate					10
Bromodichloromethane [Dichlorobromomethane]					10
Bromoform					10
Carbon tetrachloride	<0.34	<0.34	<0.34		2
Chlorobenzene	<0.36	<0.36	<0.36		10
Chlorodibromomethane [Dibromochloromethane]	<0.39	<0.39	<0.39		10
Chloroform	<0.32	<0.32	<0.32		10
Chrysene	<0.034	<0.034	<0.034		5
m-Cresol [3-Methylphenol]	<0.044	<0.044	<0.044		10
o-Cresol [2-Methylphenol]	<0.033	<0.033	<0.033		10
p-Cresol [4-Methylphenol]	<0.044	<0.044	<0.044		10
1,2-Dibromoethane	<0.3	<0.3	<0.3		10
m-Dichlorobenzene [1,3-Dichlorobenzene]					10
o-Dichlorobenzene [1,2-Dichlorobenzene]					10
p-Dichlorobenzene [1,4-Dichlorobenzene]	<0.35	<0.35	<0.35		10
3,3'-Dichlorobenzidine					5
1,2-Dichloroethane	<0.41	<0.41	<0.41		10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
1,1-Dichloroethene [1,1-Dichloroethylene]	<0.22	<0.22	<0.22		10
Dichloromethane [Methylene chloride]					20
1,2-Dichloropropane					10
1,3-Dichloropropene [1,3-Dichloropropylene]					10
2,4-Dimethylphenol					10
Di-n-Butyl phthalate					10
Epichlorohydrin (1-Chloro-2,3-epoxypropane)					---
Ethylbenzene					10
Ethylene Glycol	5800	<130	<130		---
Fluoride	438	852	307		500
Hexachlorobenzene	<0.09	<0.09	<0.09		5
Hexachlorobutadiene	<2.5	<2.5	<2.5		10
Hexachlorocyclopentadiene					10
Hexachloroethane	<0.045	<0.045	<0.045		20
4,4'-Isopropylidenediphenol (bisphenol A)					1
Methyl ethyl ketone	4.2J	<1.5	<1.5		50
Methyl tert-butyl ether (MTBE)					---
Nitrobenzene	<0.068	<0.068	<0.068		10
N-Nitrosodiethylamine	<0.047	<0.047	<0.047		20
N-Nitroso-di-n-butylamine	<0.12	<0.12	<0.12		20
Nonylphenol					333
Pentachlorobenzene	<0.035	<0.035	<0.035		20
Pentachlorophenol	<0.16	<0.16	<0.16		5
Phenanthrene	<0.038	<0.038	<0.038		10
Polychlorinated biphenyls (PCBs) (**)	<0.2	<0.2	<0.2		0.2
Pyridine	<0.088	<0.088	<0.088		20
1,2,4,5-Tetrachlorobenzene	<0.067	<0.067	<0.067		20
1,1,2,2-Tetrachloroethane					10
Tetrachloroethene [Tetrachloroethylene]	<0.3	<0.3	<0.3		10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
Toluene					10
1,1,1-Trichloroethane	<0.24	<0.24	<0.24		10
1,1,2-Trichloroethane					10
Trichloroethene [Trichloroethylene]	<0.35	<0.35	<0.35		10
2,4,5-Trichlorophenol	<0.057	<0.057	<0.057		50
TTHM (Total trihalomethanes)	<1.6	<1.6	<1.6		10
Vinyl chloride	<0.23	<0.23	<0.23		10

(*) Indicate units if different from µg/L.

(**) Total of detects for PCB-1242, PCB-1254, PCB-1221, PCB-1232, PCB-1248, PCB-1260, and PCB-1016. If all non-detects, enter the highest non-detect preceded by a "<".

TABLE 4 (Instructions, Pages 58-59)

Partial completion of Table 4 **is required** for each **external outfall** based on the conditions below.

a. **Tributyltin**

Is this facility an industrial/commercial facility which currently or proposes to directly dispose of wastewater from the types of operations listed below or a domestic facility which currently or proposes to receive wastewater from the types of industrial/commercial operations listed below?

☐ Yes ☒ No

If **yes**, check the box next to each of the following criteria which apply and provide the appropriate testing results in Table 4 below (check all that apply).

☐ Manufacturers and formulators of tributyltin or related compounds.

☐ Painting of ships, boats and marine structures.

☐ Ship and boat building and repairing.

☐ Ship and boat cleaning, salvage, wrecking and scaling.

☐ Operation and maintenance of marine cargo handling facilities and marinas.

☐ Facilities engaged in wood preserving.

☐ Any other industrial/commercial facility for which tributyltin is known to be present, or for which there is any reason to believe that tributyltin may be present in the effluent.

b. **Enterococci (discharge to saltwater)**

This facility discharges/proposes to discharge directly into saltwater receiving waters **and** Enterococci bacteria are expected to be present in the discharge based on facility processes.

☐ Yes ☒ No

Domestic wastewater is/will be discharged.

☐ Yes ☒ No

If **yes to either** question, provide the appropriate testing results in Table 4 below.

c. E. coli (discharge to freshwater)

This facility discharges/proposes to discharge directly into freshwater receiving waters **and** *E. coli* bacteria are expected to be present in the discharge based on facility processes.

☐ Yes ☒ No

Domestic wastewater is/will be discharged.

☐ Yes ☒ No

If **yes to either** question, provide the appropriate testing results in Table 4 below.

Table 4 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	**Sample 1**	**Sample 2**	**Sample 3**	**Sample 4**	**MAL**
Tributyltin (µg/L)					0.010
Enterococci (cfu or MPN/100 mL)					N/A
E. coli (cfu or MPN/100 mL)					N/A

TABLE 5 (Instructions, Page 59)

Completion of Table 5 **is required** for all **external outfalls** which discharge process wastewater from a facility which manufactures or formulates pesticides or herbicides or other wastewaters which may contain pesticides or herbicides.

If this facility does not/will not manufacture or formulate pesticides or herbicides and does not/will not discharge other wastewaters that may contain pesticides or herbicides, check N/A.

☒ N/A

Table 5 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	**Sample 1 (µg/L)***	**Sample 2 (µg/L)***	**Sample 3 (µg/L)***	**Sample 4 (µg/L)***	**MAL (µg/L)***
Aldrin					0.01
Carbaryl					5
Chlordane					0.2
Chlorpyrifos					0.05
4,4'-DDD					0.1
4,4'-DDE					0.1
4,4'-DDT					0.02
2,4-D					0.7
Danitol [Fenpropathrin]					—
Demeton					0.20
Diazinon					0.5/0.1

Pollutant	**Sample 1 (µg/L)***	**Sample 2 (µg/L)***	**Sample 3 (µg/L)***	**Sample 4 (µg/L)***	**MAL (µg/L)***
Dicofol [Kelthane]					1
Dieldrin					0.02
Diuron					0.090
Endosulfan I (*alpha*)					0.01
Endosulfan II (*beta*)					0.02
Endosulfan sulfate					0.1
Endrin					0.02
Guthion [Azinphos methyl]					0.1
Heptachlor					0.01
Heptachlor epoxide					0.01
Hexachlorocyclohexane (*alpha*)					0.05
Hexachlorocyclohexane (*beta*)					0.05
Hexachlorocyclohexane (*gamma*) [Lindane]					0.05
Hexachlorophene					10
Malathion					0.1
Methoxychlor					2.0
Mirex					0.02
Parathion (ethyl)					0.1
Toxaphene					0.3
2,4,5-TP [Silvex]					0.3

* Indicate units if different from µg/L.

TABLE 6 (Instructions, Page 59)

Completion of Table 6 **is required** for all **external outfalls**.

Table 6 for Outfall No.: 004 **Samples are (check one): ☐ Composite ☐ Grab**

Pollutants	Believed Present	Believed Absent	Sample 1 (mg/L)	Sample 2 (mg/L)	Sample 3 (mg/L)	Sample 4 (mg/L)	MAL (µg/L)*
Bromide	☐	☒					400
Color (PCU)	☐	☒					—
Nitrate-Nitrite (as N)	☐	☒					—
Sulfide (as S)	☐	☒					—
Sulfite (as SO3)	☐	☒					—
Surfactants	☐	☒					—
Boron, total	☐	☒					20
Cobalt, total	☐	☒					0.3
Iron, total	☐	☒					7
Magnesium, total	☐	☒					20
Manganese, total	☐	☒					0.5
Molybdenum, total	☐	☒					1
Tin, total	☐	☒					5
Titanium, total	☐	☒					30

TABLE 7 (Instructions, Page 60)

Check the box next to any of the industrial categories applicable to this facility. If no categories are applicable, check N/A. If GC/MS testing is required, check the box provided to confirm the testing results for the appropriate parameters are provided with the application.

☒ N/A

Table 7 for Applicable Industrial Categories

Industrial Category	40 CFR Part	Volatiles Table 8	Acids Table 9	Bases/ Neutrals Table 10	Pesticides Table 11
☐ Adhesives and Sealants		☐ Yes	☐ Yes	☐ Yes	No
☐ Aluminum Forming	467	☐ Yes	☐ Yes	☐ Yes	No
☐ Auto and Other Laundries		☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Battery Manufacturing	461	☐ Yes	No	☐ Yes	No
☐ Coal Mining	434	No	No	No	No
☐ Coil Coating	465	☐ Yes	☐ Yes	☐ Yes	No
☐ Copper Forming	468	☐ Yes	☐ Yes	☐ Yes	No
☐ Electric and Electronic Components	469	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Electroplating	413	☐ Yes	☐ Yes	☐ Yes	No
☐ Explosives Manufacturing	457	No	☐ Yes	☐ Yes	No
☐ Foundries		☐ Yes	☐ Yes	☐ Yes	No
☐ Gum and Wood Chemicals - Subparts A,B,C,E	454	☐ Yes	☐ Yes	No	No
☐ Gum and Wood Chemicals - Subparts D,F	454	☐ Yes	☐ Yes	☐ Yes	No
☐ Inorganic Chemicals Manufacturing	415	☐ Yes	☐ Yes	☐ Yes	No
☐ Iron and Steel Manufacturing	420	☐ Yes	☐ Yes	☐ Yes	No
☐ Leather Tanning and Finishing	425	☐ Yes	☐ Yes	☐ Yes	No
☐ Mechanical Products Manufacturing		☐ Yes	☐ Yes	☐ Yes	No
☐ Nonferrous Metals Manufacturing	421,471	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Oil and Gas Extraction - Subparts A, D, E, F, G, H	435	☐ Yes	☐ Yes	☐ Yes	No
☐ Ore Mining - Subpart B	440	No	☐ Yes	No	No
☐ Organic Chemicals Manufacturing	414	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Paint and Ink Formulation	446,447	☐ Yes	☐ Yes	☐ Yes	No
☐ Pesticides	455	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Petroleum Refining	419	☐ Yes	No	No	No
☐ Pharmaceutical Preparations	439	☐ Yes	☐ Yes	☐ Yes	No
☐ Photographic Equipment and Supplies	459	☐ Yes	☐ Yes	☐ Yes	No
☐ Plastic and Synthetic Materials Manufacturing	414	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Plastic Processing	463	☐ Yes	No	No	No
☐ Porcelain Enameling	466	No	No	No	No
☐ Printing and Publishing		☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Pulp and Paperboard Mills - Subpart C	430	☐ *	☐ Yes	☐ *	☐ Yes
☐ Pulp and Paperboard Mills - Subparts F, K	430	☐ *	☐ Yes	☐ *	☐ *
☐ Pulp and Paperboard Mills - Subparts A, B, D, G, H	430	☐ Yes	☐ Yes	☐ *	☐ *
☐ Pulp and Paperboard Mills - Subparts I, J, L	430	☐ Yes	☐ Yes	☐ *	☐ Yes
☐ Pulp and Paperboard Mills - Subpart E	430	☐ Yes	☐ Yes	☐ Yes	☐ *
☐ Rubber Processing	428	☐ Yes	☐ Yes	☐ Yes	No
☐ Soap and Detergent Manufacturing	417	☐ Yes	☐ Yes	☐ Yes	No
☐ Steam Electric Power Plants	423	☐ Yes	☐ Yes	No	No
☐ Textile Mills (Not Subpart C)	410	☐ Yes	☐ Yes	☐ Yes	No
☐ Timber Products Processing	429	☐ Yes	☐ Yes	☐ Yes	☐ Yes

* Test if believed present.

TABLES 8, 9, 10, and 11 (Instructions, Page 60)

Completion of Tables 8, 9, 10, and 11 **is required** as specified in Table 7 for all **external outfalls** that contain process wastewater.

Completion of Tables 8, 9, 10, and 11 **may be required** for types of industry not specified in Table 7 for specific parameters that are believed to be present in the wastewater.

Table 8 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	**Sample 1 (µg/L)***	**Sample 2 (µg/L)***	**Sample 3 (µg/L)***	**Sample 4 (µg/L)***	**MAL (µg/L)**
Acrolein					50
Acrylonitrile					50
Benzene					10
Bromoform					10
Carbon tetrachloride					2
Chlorobenzene					10
Chlorodibromomethane					10
Chloroethane					50
2-Chloroethylvinyl ether					10
Chloroform					10
Dichlorobromomethane [Bromodichloromethane]					10
1,1-Dichloroethane					10
1,2-Dichloroethane					10
1,1-Dichloroethylene [1,1-Dichloroethene]					10
1,2-Dichloropropane					10
1,3-Dichloropropylene [1,3-Dichloropropene]					10
Ethylbenzene					10
Methyl bromide [Bromomethane]					50
Methyl chloride [Chloromethane]					50
Methylene chloride [Dichloromethane]					20
1,1,2,2-Tetrachloroethane					10
Tetrachloroethylene [Tetrachloroethene]					10
Toluene					10
1,2-Trans-dichloroethylene [1,2-Trans-dichloroethene]					10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
1,1,1-Trichloroethane					10
1,1,2-Trichloroethane					10
Trichloroethylene [Trichloroethene]					10
Vinyl chloride					10

* Indicate units if different from µg/L.

Table 9 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
2-Chlorophenol					10
2,4-Dichlorophenol					10
2,4-Dimethylphenol					10
4,6-Dinitro-o-cresol					50
2,4-Dinitrophenol					50
2-Nitrophenol					20
4-Nitrophenol					50
p-Chloro-m-cresol					10
Pentachlorophenol					5
Phenol					10
2,4,6-Trichlorophenol					10

* Indicate units if different from µg/L.

Table 10 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
Acenaphthene					10
Acenaphthylene					10
Anthracene					10
Benzidine					50
Benzo(a)anthracene					5
Benzo(a)pyrene					5
3,4-Benzofluoranthene [Benzo(b)fluoranthene]					10
Benzo(ghi)perylene					20
Benzo(k)fluoranthene					5
Bis(2-chloroethoxy)methane					10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
Bis(2-chloroethyl)ether					10
Bis(2-chloroisopropyl)ether					10
Bis(2-ethylhexyl)phthalate					10
4-Bromophenyl phenyl ether					10
Butylbenzyl phthalate					10
2-Chloronaphthalene					10
4-Chlorophenyl phenyl ether					10
Chrysene					5
Dibenzo(a,h)anthracene					5
1,2-Dichlorobenzene [o-Dichlorobenzene]					10
1,3-Dichlorobenzene [m-Dichlorobenzene]					10
1,4-Dichlorobenzene [p-Dichlorobenzene]					10
3,3'-Dichlorobenzidine					5
Diethyl phthalate					10
Dimethyl phthalate					10
Di-n-butyl phthalate					10
2,4-Dinitrotoluene					10
2,6-Dinitrotoluene					10
Di-n-octyl phthalate					10
1,2-Diphenylhydrazine (as Azobenzene)					20
Fluoranthene					10
Fluorene					10
Hexachlorobenzene					5
Hexachlorobutadiene					10
Hexachlorocyclopentadiene					10
Hexachloroethane					20
Indeno(1,2,3-cd)pyrene					5
Isophorone					10
Naphthalene					10
Nitrobenzene					10
N-Nitrosodimethylamine					50

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
N-Nitrosodi-n-propylamine					20
N-Nitrosodiphenylamine					20
Phenanthrene					10
Pyrene					10
1,2,4-Trichlorobenzene					10

* Indicate units if different from µg/L.

Table 11 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
Aldrin					0.01
alpha-BHC [alpha-Hexachlorocyclohexane]					0.05
beta-BHC [beta-Hexachlorocyclohexane]					0.05
gamma-BHC [gamma-Hexachlorocyclohexane]					0.05
delta-BHC [delta-Hexachlorocyclohexane]					0.05
Chlordane					0.2
4,4'-DDT					0.02
4,4'-DDE					0.1
4,4'-DDD					0.1
Dieldrin					0.02
Endosulfan I (alpha)					0.01
Endosulfan II (beta)					0.02
Endosulfan sulfate					0.1
Endrin					0.02
Endrin aldehyde					0.1
Heptachlor					0.01
Heptachlor epoxide					0.01
PCB 1242					0.2
PCB 1254					0.2
PCB 1221					0.2
PCB 1232					0.2
PCB 1248					0.2

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
PCB 1260					0.2
PCB 1016					0.2
Toxaphene					0.3

* Indicate units if different from µg/L.

Attachment: Click to enter text.

TABLE 12 (DIOXINS/FURAN COMPOUNDS)

Complete of Table 12 **is required** for **external outfalls**, as directed below. (Instructions, Pages 59-60)

Indicate which compound(s) are manufactured or used at the facility and provide a brief description of the conditions of its/their presence at the facility (check all that apply).

☐ 2,4,5-trichlorophenoxy acetic acid (2,4,5-T) CASRN 93-76-5

☐ 2-(2,4,5-trichlorophenoxy) propanoic acid (Silvex, 2,4,5-TP) CASRN 93-72-1

☐ 2-(2,4,5-trichlorophenoxy) ethyl 2,2-dichloropropionate (Erbon) CASRN 136-25-4

☐ 0,0-dimethyl 0-(2,4,5-trichlorophenyl) phosphorothioate (Ronnel) CASRN 299-84-3

☐ 2,4,5-trichlorophenol (TCP) CASRN 95-95-4

☐ hexachlorophene (HCP) CASRN 70-30-4

☒ None of the above

Description: Click to enter text.

Does the applicant or anyone at the facility 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 the effluent proposed for discharge?

☐ Yes ☒ No

Description: Click to enter text.

If **yes** to either Items a **or** b, complete Table 12 as instructed.

Table 12 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Compound	Toxicity Equivalent Factors	Wastewater Concentration (ppq)	Wastewater Toxicity Equivalents (ppq)	Sludge Concentration (ppt)	Sludge Toxicity Equivalents (ppt)	MAL (ppq)
2,3,7,8-TCDD	1					10
1,2,3,7,8-PeCDD	1.0					50
2,3,7,8-HxCDDs	0.1					50
1,2,3,4,6,7,8-HpCDD	0.01					50

Compound	Toxicity Equivalent Factors	Wastewater Concentration (ppq)	Wastewater Toxicity Equivalents (ppq)	Sludge Concentration (ppt)	Sludge Toxicity Equivalents (ppt)	MAL (ppq)
2,3,7,8-TCDF	0.1					10
1,2,3,7,8-PeCDF	0.03					50
2,3,4,7,8-PeCDF	0.3					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					500
PCB 81	0.0003					500
PCB 126	0.1					500
PCB 169	0.03					500
Total						

TABLE 13 (HAZARDOUS SUBSTANCES)

Complete Table 13 **is required** for all **external outfalls** as directed below. (Instructions, Pages 60-61)

Are there any pollutants listed in the instructions (pages 55-62) believed present in the discharge?

☐ Yes ☒ No

Are there pollutants listed in Item 1.c. of Technical Report 1.0 which are believed present in the discharge and have not been analytically quantified elsewhere in this application?

☐ Yes ☒ No

If **yes** to either Items a **or** b, complete Table 13 as instructed.

Table 13 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	CASRN	Sample 1 (µg/L)	Sample 2 (µg/L)	Sample 3 (µg/L)	Sample 4 (µg/L)	Analytical Method

INDUSTRIAL WASTEWATER PERMIT APPLICATION WORKSHEET 2.0: POLLUTANT ANALYSIS

Worksheet 2.0 **is required** for all applications submitted for a TPDES permit. Worksheet 2.0 is not required for applications for a permit to dispose of all wastewater by land disposal or for discharges solely of stormwater associated with industrial activities.

Item 1. General Testing Requirements (Instructions, Page 55)

a. Provide the date range of all sampling events conducted to obtain the analytical data submitted with this application (e.g., 05/01/2018-05/30/2018): 8/12/2025-8/20/2025

b. ☒ Check the box to confirm all samples were collected no more than 12 months prior to the date of application submittal.

c. Read the general testing requirements in the instructions for important information about sampling, test methods, and MALs. If a contact laboratory was used, attach a list which includes the name, contact information, and pollutants analyzed for each laboratory/firm. **Attachment:** K

Item 2. Specific Testing Requirements (Instructions, Page 56)

Attach correspondence from TCEQ approving submittal of less than the required number of samples, if applicable. **Attachment:** Click to enter text.

TABLE 1 and TABLE 2 (Instructions, Page 58)

Completion of Tables 1 and 2 is required for all external outfalls for all TPDES permit applications.

Table 1 for Outfall No.: 005 **Samples are (check one): ☒ Composite ☐ Grab**

Pollutant	Sample 1 (mg/L)	Sample 2 (mg/L)	Sample 3 (mg/L)	Sample 4 (mg/L)
BOD (5-day)	3.64	4.65	5.44	
CBOD (5-day)	2.79	3.75	4.97	
Chemical oxygen demand	20	23.0	20.0	
Total organic carbon	4.83	6.15	9.0	
Dissolved oxygen	NA	NA	NA	
Ammonia nitrogen	0.352	0.24	0.306	
Total suspended solids	25.3	48.5	184	
Nitrate nitrogen	0.8	2.28	0.627	
Total organic nitrogen	<0.5	0.96	0.53	
Total phosphorus	0.059	0.069	0.293	
Oil and grease	4.19	<0.61	4.76	
Total residual chlorine	NA	NA	NA	

Pollutant	Sample 1 (mg/L)	Sample 2 (mg/L)	Sample 3 (mg/L)	Sample 4 (mg/L)
Total dissolved solids	218	332	224	
Sulfate	67.9	57.0	49.0	
Chloride	36.6	95.4	67.9	
Fluoride	0.195	0.236	0.273	
Total alkalinity (mg/L as CaCO3)	NA	NA	NA	
Temperature (°F)	NA	NA	NA	
pH (standard units)	NA	NA	NA	

Table 2 for Outfall No.: 005 **Samples are (check one): ☒ Composite ☐ Grab**

Pollutant	Sample 1 (µg/L)	Sample 2 (µg/L)	Sample 3 (µg/L)	Sample 4 (µg/L)	MAL (µg/L)
Aluminum, total	434	1040	858		2.5
Antimony, total	2.32J	0.594J	<0.53		5
Arsenic, total	10.6J	1.41J	1.29J		0.5
Barium, total	199	63.9	55.3		3
Beryllium, total	<0.091	<0.091	0.242J		0.5
Cadmium, total	<0.077	0.102J	0.267J		1
Chromium, total	2.36J	6.08	2.45J		3
Chromium, hexavalent	<2.4	12	<4.8		3
Chromium, trivalent	<10	<10	<10		N/A
Copper, total	4.49	7.23	6.02		2
Cyanide, available	2.0J	<2.0	<2.0		2/10
Lead, total	<0.12	1.86J	2.88		0.5
Mercury, total	<0.03	<0.03	<0.03		0.005/0.0005
Nickel, total	2.99	1.91J	2.23		2
Selenium, total	1.52J	1.39J	<0.860		5
Silver, total	<0.044	<0.044	<0.044		0.5
Thallium, total	<0.25	<0.25	<0.25		0.5
Zinc, total	6.85	78.3	94.8		5.0

TABLE 3 (Instructions, Page 58)

Completion of Table 3 **is required** for all **external outfalls** which discharge process wastewater.

Partial completion of Table 3 **is required** for all **external outfalls** which discharge non-process wastewater and stormwater associated with industrial activities commingled with other wastestreams (see instructions for additional guidance).

Table 3 for Outfall No.: 005 **Samples are (check one): ☒ Composite ☐ Grab**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
Acrylonitrile					50
Anthracene					10
Benzene	<0.28	<0.28	<0.28		10
Benzidine	<0.018	<0.018	<0.018		50
Benzo(a)anthracene	<0.013	<0.013	<0.013		5
Benzo(a)pyrene	<0.07	<0.07	<0.07		5
Bis(2-chloroethyl)ether					10
Bis(2-ethylhexyl)phthalate					10
Bromodichloromethane [Dichlorobromomethane]					10
Bromoform					10
Carbon tetrachloride	<0.34	<0.34	<0.34		2
Chlorobenzene	<0.36	<0.36	<0.36		10
Chlorodibromomethane [Dibromochloromethane]	<0.39	<0.39	<0.39		10
Chloroform	<0.32	<0.32	<0.32		10
Chrysene	<0.034	<0.034	<0.034		5
m-Cresol [3-Methylphenol]	<0.044	<0.044	<0.044		10
o-Cresol [2-Methylphenol]	<0.033	<0.033	<0.033		10
p-Cresol [4-Methylphenol]	<0.044	<0.044	<0.044		10
1,2-Dibromoethane	<0.3	<0.3	<0.3		10
m-Dichlorobenzene [1,3-Dichlorobenzene]					10
o-Dichlorobenzene [1,2-Dichlorobenzene]					10
p-Dichlorobenzene [1,4-Dichlorobenzene]	<0.35	<0.35	<0.35		10
3,3'-Dichlorobenzidine					5
1,2-Dichloroethane	<0.41	<0.41	<0.41		10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
1,1-Dichloroethene [1,1-Dichloroethylene]	<0.22	<0.22	<0.22		10
Dichloromethane [Methylene chloride]					20
1,2-Dichloropropane					10
1,3-Dichloropropene [1,3-Dichloropropylene]					10
2,4-Dimethylphenol					10
Di-n-Butyl phthalate					10
Epichlorohydrin (1-Chloro-2,3-epoxypropane)					---
Ethylbenzene					10
Ethylene Glycol	6900	<130	<130		---
Fluoride	195	236	273		500
Hexachlorobenzene	<0.09	<0.09	<0.09		5
Hexachlorobutadiene	<2.5	<2.5	<2.5		10
Hexachlorocyclopentadiene					10
Hexachloroethane	<0.045	<0.045	<0.045		20
4,4'-Isopropylidenediphenol (bisphenol A)					1
Methyl ethyl ketone	<1.5	<1.5	<1.5		50
Methyl tert-butyl ether (MTBE)					---
Nitrobenzene	<0.068	<0.068	<0.068		10
N-Nitrosodiethylamine	<0.047	<0.047	<0.047		20
N-Nitroso-di-n-butylamine	<0.12	<0.12	<0.12		20
Nonylphenol					333
Pentachlorobenzene	<0.035	<0.035	<0.035		20
Pentachlorophenol	<0.16	<0.16	<0.16		5
Phenanthrene	<0.038	<0.038	<0.038		10
Polychlorinated biphenyls (PCBs) (**)	<0.2	<0.2	<0.2		0.2
Pyridine	<0.088	<0.088	<0.088		20
1,2,4,5-Tetrachlorobenzene	<0.067	<0.067	<0.067		20
1,1,2,2-Tetrachloroethane					10
Tetrachloroethene [Tetrachloroethylene]	<0.3	<0.3	<0.3		10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
Toluene					10
1,1,1-Trichloroethane	<0.24	<0.24	<0.24		10
1,1,2-Trichloroethane					10
Trichloroethene [Trichloroethylene]	<0.35	<0.35	<0.35		10
2,4,5-Trichlorophenol	<0.057	<0.057	<0.057		50
TTHM (Total trihalomethanes)	<1.6	<1.6	<1.6		10
Vinyl chloride	<0.23	<0.23	<0.23		10

(*) Indicate units if different from µg/L.

(**) Total of detects for PCB-1242, PCB-1254, PCB-1221, PCB-1232, PCB-1248, PCB-1260, and PCB-1016. If all non-detects, enter the highest non-detect preceded by a "<".

TABLE 4 (Instructions, Pages 58-59)

Partial completion of Table 4 **is required** for each **external outfall** based on the conditions below.

a. **Tributyltin**

Is this facility an industrial/commercial facility which currently or proposes to directly dispose of wastewater from the types of operations listed below or a domestic facility which currently or proposes to receive wastewater from the types of industrial/commercial operations listed below?

☐ Yes ☒ No

If **yes**, check the box next to each of the following criteria which apply and provide the appropriate testing results in Table 4 below (check all that apply).

☐ Manufacturers and formulators of tributyltin or related compounds.

☐ Painting of ships, boats and marine structures.

☐ Ship and boat building and repairing.

☐ Ship and boat cleaning, salvage, wrecking and scaling.

☐ Operation and maintenance of marine cargo handling facilities and marinas.

☐ Facilities engaged in wood preserving.

☐ Any other industrial/commercial facility for which tributyltin is known to be present, or for which there is any reason to believe that tributyltin may be present in the effluent.

b. **Enterococci (discharge to saltwater)**

This facility discharges/proposes to discharge directly into saltwater receiving waters **and** Enterococci bacteria are expected to be present in the discharge based on facility processes.

☐ Yes ☒ No

Domestic wastewater is/will be discharged.

☐ Yes ☒ No

If **yes to either** question, provide the appropriate testing results in Table 4 below.

c. E. coli (discharge to freshwater)

This facility discharges/proposes to discharge directly into freshwater receiving waters **and** *E. coli* bacteria are expected to be present in the discharge based on facility processes.

☐ Yes ☒ No

Domestic wastewater is/will be discharged.

☐ Yes ☒ No

If **yes to either** question, provide the appropriate testing results in Table 4 below.

Table 4 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	**Sample 1**	**Sample 2**	**Sample 3**	**Sample 4**	**MAL**
Tributyltin (µg/L)					0.010
Enterococci (cfu or MPN/100 mL)					N/A
E. coli (cfu or MPN/100 mL)					N/A

TABLE 5 (Instructions, Page 59)

Completion of Table 5 **is required** for all **external outfalls** which discharge process wastewater from a facility which manufactures or formulates pesticides or herbicides or other wastewaters which may contain pesticides or herbicides.

If this facility does not/will not manufacture or formulate pesticides or herbicides and does not/will not discharge other wastewaters that may contain pesticides or herbicides, check N/A.

☒ N/A

Table 5 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	**Sample 1 (µg/L)***	**Sample 2 (µg/L)***	**Sample 3 (µg/L)***	**Sample 4 (µg/L)***	**MAL (µg/L)***
Aldrin					0.01
Carbaryl					5
Chlordane					0.2
Chlorpyrifos					0.05
4,4'-DDD					0.1
4,4'-DDE					0.1
4,4'-DDT					0.02
2,4-D					0.7
Danitol [Fenpropathrin]					—
Demeton					0.20
Diazinon					0.5/0.1

Pollutant	**Sample 1 (µg/L)***	**Sample 2 (µg/L)***	**Sample 3 (µg/L)***	**Sample 4 (µg/L)***	**MAL (µg/L)***
Dicofol [Kelthane]					1
Dieldrin					0.02
Diuron					0.090
Endosulfan I (*alpha*)					0.01
Endosulfan II (*beta*)					0.02
Endosulfan sulfate					0.1
Endrin					0.02
Guthion [Azinphos methyl]					0.1
Heptachlor					0.01
Heptachlor epoxide					0.01
Hexachlorocyclohexane (*alpha*)					0.05
Hexachlorocyclohexane (*beta*)					0.05
Hexachlorocyclohexane (*gamma*) [Lindane]					0.05
Hexachlorophene					10
Malathion					0.1
Methoxychlor					2.0
Mirex					0.02
Parathion (ethyl)					0.1
Toxaphene					0.3
2,4,5-TP [Silvex]					0.3

* Indicate units if different from µg/L.

TABLE 6 (Instructions, Page 59)

Completion of Table 6 **is required** for all **external outfalls**.

Table 6 for Outfall No.: 005 **Samples are (check one): ☐ Composite ☐ Grab**

Pollutants	Believed Present	Believed Absent	Sample 1 (mg/L)	Sample 2 (mg/L)	Sample 3 (mg/L)	Sample 4 (mg/L)	MAL (µg/L)*
Bromide	☐	☒					400
Color (PCU)	☐	☒					—
Nitrate-Nitrite (as N)	☐	☒					—
Sulfide (as S)	☐	☒					—
Sulfite (as SO3)	☐	☒					—
Surfactants	☐	☒					—
Boron, total	☐	☒					20
Cobalt, total	☐	☒					0.3
Iron, total	☐	☒					7
Magnesium, total	☐	☒					20
Manganese, total	☐	☒					0.5
Molybdenum, total	☐	☒					1
Tin, total	☐	☒					5
Titanium, total	☐	☒					30

TABLE 7 (Instructions, Page 60)

Check the box next to any of the industrial categories applicable to this facility. If no categories are applicable, check N/A. If GC/MS testing is required, check the box provided to confirm the testing results for the appropriate parameters are provided with the application.

☒ N/A

Table 7 for Applicable Industrial Categories

Industrial Category	40 CFR Part	Volatiles Table 8	Acids Table 9	Bases/ Neutrals Table 10	Pesticides Table 11
☐ Adhesives and Sealants		☐ Yes	☐ Yes	☐ Yes	No
☐ Aluminum Forming	467	☐ Yes	☐ Yes	☐ Yes	No
☐ Auto and Other Laundries		☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Battery Manufacturing	461	☐ Yes	No	☐ Yes	No
☐ Coal Mining	434	No	No	No	No
☐ Coil Coating	465	☐ Yes	☐ Yes	☐ Yes	No
☐ Copper Forming	468	☐ Yes	☐ Yes	☐ Yes	No
☐ Electric and Electronic Components	469	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Electroplating	413	☐ Yes	☐ Yes	☐ Yes	No
☐ Explosives Manufacturing	457	No	☐ Yes	☐ Yes	No
☐ Foundries		☐ Yes	☐ Yes	☐ Yes	No
☐ Gum and Wood Chemicals - Subparts A,B,C,E	454	☐ Yes	☐ Yes	No	No
☐ Gum and Wood Chemicals - Subparts D,F	454	☐ Yes	☐ Yes	☐ Yes	No
☐ Inorganic Chemicals Manufacturing	415	☐ Yes	☐ Yes	☐ Yes	No
☐ Iron and Steel Manufacturing	420	☐ Yes	☐ Yes	☐ Yes	No
☐ Leather Tanning and Finishing	425	☐ Yes	☐ Yes	☐ Yes	No
☐ Mechanical Products Manufacturing		☐ Yes	☐ Yes	☐ Yes	No
☐ Nonferrous Metals Manufacturing	421,471	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Oil and Gas Extraction - Subparts A, D, E, F, G, H	435	☐ Yes	☐ Yes	☐ Yes	No
☐ Ore Mining - Subpart B	440	No	☐ Yes	No	No
☐ Organic Chemicals Manufacturing	414	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Paint and Ink Formulation	446,447	☐ Yes	☐ Yes	☐ Yes	No
☐ Pesticides	455	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Petroleum Refining	419	☐ Yes	No	No	No
☐ Pharmaceutical Preparations	439	☐ Yes	☐ Yes	☐ Yes	No
☐ Photographic Equipment and Supplies	459	☐ Yes	☐ Yes	☐ Yes	No
☐ Plastic and Synthetic Materials Manufacturing	414	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Plastic Processing	463	☐ Yes	No	No	No
☐ Porcelain Enameling	466	No	No	No	No
☐ Printing and Publishing		☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Pulp and Paperboard Mills - Subpart C	430	☐ *	☐ Yes	☐ *	☐ Yes
☐ Pulp and Paperboard Mills - Subparts F, K	430	☐ *	☐ Yes	☐ *	☐ *
☐ Pulp and Paperboard Mills - Subparts A, B, D, G, H	430	☐ Yes	☐ Yes	☐ *	☐ *
☐ Pulp and Paperboard Mills - Subparts I, J, L	430	☐ Yes	☐ Yes	☐ *	☐ Yes
☐ Pulp and Paperboard Mills - Subpart E	430	☐ Yes	☐ Yes	☐ Yes	☐ *
☐ Rubber Processing	428	☐ Yes	☐ Yes	☐ Yes	No
☐ Soap and Detergent Manufacturing	417	☐ Yes	☐ Yes	☐ Yes	No
☐ Steam Electric Power Plants	423	☐ Yes	☐ Yes	No	No
☐ Textile Mills (Not Subpart C)	410	☐ Yes	☐ Yes	☐ Yes	No
☐ Timber Products Processing	429	☐ Yes	☐ Yes	☐ Yes	☐ Yes

* Test if believed present.

TABLES 8, 9, 10, and 11 (Instructions, Page 60)

Completion of Tables 8, 9, 10, and 11 **is required** as specified in Table 7 for all **external outfalls** that contain process wastewater.

Completion of Tables 8, 9, 10, and 11 **may be required** for types of industry not specified in Table 7 for specific parameters that are believed to be present in the wastewater.

Table 8 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	**Sample 1 (µg/L)***	**Sample 2 (µg/L)***	**Sample 3 (µg/L)***	**Sample 4 (µg/L)***	**MAL (µg/L)**
Acrolein					50
Acrylonitrile					50
Benzene					10
Bromoform					10
Carbon tetrachloride					2
Chlorobenzene					10
Chlorodibromomethane					10
Chloroethane					50
2-Chloroethylvinyl ether					10
Chloroform					10
Dichlorobromomethane [Bromodichloromethane]					10
1,1-Dichloroethane					10
1,2-Dichloroethane					10
1,1-Dichloroethylene [1,1-Dichloroethene]					10
1,2-Dichloropropane					10
1,3-Dichloropropylene [1,3-Dichloropropene]					10
Ethylbenzene					10
Methyl bromide [Bromomethane]					50
Methyl chloride [Chloromethane]					50
Methylene chloride [Dichloromethane]					20
1,1,2,2-Tetrachloroethane					10
Tetrachloroethylene [Tetrachloroethene]					10
Toluene					10
1,2-Trans-dichloroethylene [1,2-Trans-dichloroethene]					10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
1,1,1-Trichloroethane					10
1,1,2-Trichloroethane					10
Trichloroethylene [Trichloroethene]					10
Vinyl chloride					10

* Indicate units if different from µg/L.

Table 9 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
2-Chlorophenol					10
2,4-Dichlorophenol					10
2,4-Dimethylphenol					10
4,6-Dinitro-o-cresol					50
2,4-Dinitrophenol					50
2-Nitrophenol					20
4-Nitrophenol					50
p-Chloro-m-cresol					10
Pentachlorophenol					5
Phenol					10
2,4,6-Trichlorophenol					10

* Indicate units if different from µg/L.

Table 10 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
Acenaphthene					10
Acenaphthylene					10
Anthracene					10
Benzidine					50
Benzo(a)anthracene					5
Benzo(a)pyrene					5
3,4-Benzofluoranthene [Benzo(b)fluoranthene]					10
Benzo(ghi)perylene					20
Benzo(k)fluoranthene					5
Bis(2-chloroethoxy)methane					10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
Bis(2-chloroethyl)ether					10
Bis(2-chloroisopropyl)ether					10
Bis(2-ethylhexyl)phthalate					10
4-Bromophenyl phenyl ether					10
Butylbenzyl phthalate					10
2-Chloronaphthalene					10
4-Chlorophenyl phenyl ether					10
Chrysene					5
Dibenzo(a,h)anthracene					5
1,2-Dichlorobenzene [o-Dichlorobenzene]					10
1,3-Dichlorobenzene [m-Dichlorobenzene]					10
1,4-Dichlorobenzene [p-Dichlorobenzene]					10
3,3'-Dichlorobenzidine					5
Diethyl phthalate					10
Dimethyl phthalate					10
Di-n-butyl phthalate					10
2,4-Dinitrotoluene					10
2,6-Dinitrotoluene					10
Di-n-octyl phthalate					10
1,2-Diphenylhydrazine (as Azobenzene)					20
Fluoranthene					10
Fluorene					10
Hexachlorobenzene					5
Hexachlorobutadiene					10
Hexachlorocyclopentadiene					10
Hexachloroethane					20
Indeno(1,2,3-cd)pyrene					5
Isophorone					10
Naphthalene					10
Nitrobenzene					10
N-Nitrosodimethylamine					50

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
N-Nitrosodi-n-propylamine					20
N-Nitrosodiphenylamine					20
Phenanthrene					10
Pyrene					10
1,2,4-Trichlorobenzene					10

* Indicate units if different from µg/L.

Table 11 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
Aldrin					0.01
alpha-BHC [alpha-Hexachlorocyclohexane]					0.05
beta-BHC [beta-Hexachlorocyclohexane]					0.05
gamma-BHC [gamma-Hexachlorocyclohexane]					0.05
delta-BHC [delta-Hexachlorocyclohexane]					0.05
Chlordane					0.2
4,4'-DDT					0.02
4,4'-DDE					0.1
4,4'-DDD					0.1
Dieldrin					0.02
Endosulfan I (alpha)					0.01
Endosulfan II (beta)					0.02
Endosulfan sulfate					0.1
Endrin					0.02
Endrin aldehyde					0.1
Heptachlor					0.01
Heptachlor epoxide					0.01
PCB 1242					0.2
PCB 1254					0.2
PCB 1221					0.2
PCB 1232					0.2
PCB 1248					0.2

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
PCB 1260					0.2
PCB 1016					0.2
Toxaphene					0.3

* Indicate units if different from µg/L.

Attachment: Click to enter text.

TABLE 12 (DIOXINS/FURAN COMPOUNDS)

Complete of Table 12 **is required** for **external outfalls**, as directed below. (Instructions, Pages 59-60)

Indicate which compound(s) are manufactured or used at the facility and provide a brief description of the conditions of its/their presence at the facility (check all that apply).

☐ 2,4,5-trichlorophenoxy acetic acid (2,4,5-T) CASRN 93-76-5

☐ 2-(2,4,5-trichlorophenoxy) propanoic acid (Silvex, 2,4,5-TP) CASRN 93-72-1

☐ 2-(2,4,5-trichlorophenoxy) ethyl 2,2-dichloropropionate (Erbon) CASRN 136-25-4

☐ 0,0-dimethyl 0-(2,4,5-trichlorophenyl) phosphorothioate (Ronnel) CASRN 299-84-3

☐ 2,4,5-trichlorophenol (TCP) CASRN 95-95-4

☐ hexachlorophene (HCP) CASRN 70-30-4

☒ None of the above

Description: Click to enter text.

Does the applicant or anyone at the facility 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 the effluent proposed for discharge?

☐ Yes ☒ No

Description: Click to enter text.

If **yes** to either Items a **or** b, complete Table 12 as instructed.

Table 12 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Compound	Toxicity Equivalent Factors	Wastewater Concentration (ppq)	Wastewater Toxicity Equivalents (ppq)	Sludge Concentration (ppt)	Sludge Toxicity Equivalents (ppt)	MAL (ppq)
2,3,7,8-TCDD	1					10
1,2,3,7,8-PeCDD	1.0					50
2,3,7,8-HxCDDs	0.1					50
1,2,3,4,6,7,8-HpCDD	0.01					50

Compound	Toxicity Equivalent Factors	Wastewater Concentration (ppq)	Wastewater Toxicity Equivalents (ppq)	Sludge Concentration (ppt)	Sludge Toxicity Equivalents (ppt)	MAL (ppq)
2,3,7,8-TCDF	0.1					10
1,2,3,7,8-PeCDF	0.03					50
2,3,4,7,8-PeCDF	0.3					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					500
PCB 81	0.0003					500
PCB 126	0.1					500
PCB 169	0.03					500
Total						

TABLE 13 (HAZARDOUS SUBSTANCES)

Complete Table 13 **is required** for all **external outfalls** as directed below. (Instructions, Pages 60-61)

Are there any pollutants listed in the instructions (pages 55-62) believed present in the discharge?

☐ Yes ☒ No

Are there pollutants listed in Item 1.c. of Technical Report 1.0 which are believed present in the discharge and have not been analytically quantified elsewhere in this application?

☐ Yes ☒ No

If **yes** to either Items a **or** b, complete Table 13 as instructed.

Table 13 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	CASRN	Sample 1 (µg/L)	Sample 2 (µg/L)	Sample 3 (µg/L)	Sample 4 (µg/L)	Analytical Method

10450 Stancliff Rd. Suite 210
Houston, TX 77099
T: +1 281 530 5656
F: +1 281 530 5887

September 08, 2025

Bobby Panepinto
LBC Houston/Baton Rouge
11666 Port Rd.
Seabrook, TX 77586

Work Order: **HS25081040**

Laboratory Results for: **NPDES Permit**

Dear Bobby Panepinto,

ALS Environmental received 5 sample(s) on Aug 21, 2025 for the analysis presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

Generated By: DAYNA.FISHER
Sebastian Lugo
Project Manager

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Work Order: HS25081040

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS25081040-01	001	Water		20-Aug-2025 19:00	21-Aug-2025 09:18	☐
HS25081040-02	002	Water		20-Aug-2025 20:00	21-Aug-2025 09:18	☐
HS25081040-03	003	Water		20-Aug-2025 21:00	21-Aug-2025 09:18	☐
HS25081040-04	004	Water		20-Aug-2025 22:00	21-Aug-2025 09:18	☐
HS25081040-05	005	Water		20-Aug-2025 23:00	21-Aug-2025 09:18	☐

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge **CASE NARRATIVE**
Project: NPDES Permit
Work Order: HS25081040

Work Order Comments

• Log In Notes:

All Fecal received out of hold.
Proceed per SL. No Enterococci required.
No LL Hg vials received

Work Order Comments

• Sample received outside method holding time for pH. pH is an immediate test. Sample results are flagged with an "H" qualifier.

The temperature at the time of pH is reported. Please note that all pH results are already normalized to a temperature of 25 °C.

• Sample received outside method holding time for Dissolved Oxygen and Residual Chlorine. Dissolved Oxygen and Residual Chlorine are immediate tests. Sample results are flagged with an "H" qualifier.

• The analysis for 4,4'-Isopropylidenediphenol (bisphenol A) and Nonylphenol by 7065 were performed by Eurofins in Stafford, TX . Final report attached.

• The analyses for Fecal Coliform and Enterococci were performed by Eurofins in Pasadena, TX. Final report attached.

ECD Organics by Method E608

Batch ID: 232043

Sample ID: LCS1-232043

• Insufficient sample received to perform MS/MSD. LCS/LCSD provided as batch quality control.

GC Semivolatiles by Method SW8015

Batch ID: R520266

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

GCMS Semivolatiles by Method E625.1

Batch ID: 232031

Sample ID: LCSD-232031

• The RPD between the LCS and LCSD was outside of the control limit.

GCMS Volatiles by Method E624.1

Batch ID: R520398

Sample ID: LCS

• Insufficient sample received to perform MS/MSD. An LCS/LCSD was performed as batch quality control.

Metals by Method Calculation

Batch ID: R521179

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge **CASE NARRATIVE**
Project: NPDES Permit
Work Order: HS25081040

Metals by Method E200.8

Batch ID: 232484

Sample ID: HS25090045-01MSD

- MSD is for an unrelated sample (Aluminum)

Metals by Method E245.1

Batch ID: 232328

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method SM4500 NH3-D

Batch ID: R520293

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method Hach 8000

Batch ID: R520521

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method E1664A

Batch ID: R521203

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method M2540C

Batch ID: R520522

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge **CASE NARRATIVE**
Project: NPDES Permit
Work Order: HS25081040

WetChemistry by Method SM4500CL F

Batch ID: R520510

Sample ID: 001 (HS25081040-01)

- Sample holding time expired prior to sample receipt. It was analyzed at the request of the client. Results should be considered estimated.

Sample ID: 002 (HS25081040-02)

- Sample holding time expired prior to sample receipt. It was analyzed at the request of the client. Results should be considered estimated.

Sample ID: 003 (HS25081040-03)

- Sample holding time expired prior to sample receipt. It was analyzed at the request of the client. Results should be considered estimated.

Sample ID: 004 (HS25081040-04)

- Sample holding time expired prior to sample receipt. It was analyzed at the request of the client. Results should be considered estimated.

Sample ID: 005 (HS25081040-05)

- Sample holding time expired prior to sample receipt. It was analyzed at the request of the client. Results should be considered estimated.

WetChemistry by Method M2540D

Batch ID: R520278

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method SW7196

Batch ID: R520208

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method M4500-O G

Batch ID: R520232

- Sample holding time expired prior to sample receipt. It was analyzed at the request of the client. Results should be considered estimated.

WetChemistry by Method SM4500H+ B

Batch ID: R520238

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge **CASE NARRATIVE**
Project: NPDES Permit
Work Order: HS25081040

WetChemistry by Method E300

Batch ID: R520268

Sample ID: 001 (HS25081040-01MS)

- The MS and/or MSD recovery was outside of the control limits; however, the result in the parent sample is greater than 4x the spike amount. (Sulfate)

Sample ID: HS25081042-04MS

- MS and MSD are for an unrelated sample (Chloride)

WetChemistry by Method SM5310B

Batch ID: R520240

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method M4500 NH3 D

Batch ID: 232540,R521223

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method E365.3

Batch ID: 232147

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method M4500CN EG

Batch ID: 232110,232216

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method SM5210 B

Batch ID: 232005,232006

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 001
Collection Date: 20-Aug-2025 19:00

ANALYTICAL REPORT
WorkOrder:HS25081040
Lab ID:HS25081040-01
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY EPA 624.1	**Method:E624.1**						Analyst: DP
1,1,1-Trichloroethane	U		0.24	1.0	ug/L	1	22-Aug-2025 14:25
1,1-Dichloroethene	U		0.22	1.0	ug/L	1	22-Aug-2025 14:25
1,2-Dibromoethane	U		0.30	2.0	ug/L	1	22-Aug-2025 14:25
1,2-Dichloroethane	U		0.41	2.0	ug/L	1	22-Aug-2025 14:25
1,4-Dichlorobenzene	U		0.35	2.0	ug/L	1	22-Aug-2025 14:25
2-Butanone	**3.3**	J	**1.5**	**10**	**ug/L**	1	22-Aug-2025 14:25
Benzene	U		0.28	1.0	ug/L	1	22-Aug-2025 14:25
Carbon Tetrachloride	U		0.34	2.0	ug/L	1	22-Aug-2025 14:25
Chlorobenzene	U		0.36	2.0	ug/L	1	22-Aug-2025 14:25
Chloroform	U		0.32	2.0	ug/L	1	22-Aug-2025 14:25
Dibromochloromethane	U		0.39	2.0	ug/L	1	22-Aug-2025 14:25
Hexachlorobutadiene	U		2.5	10	ug/L	1	22-Aug-2025 14:25
Tetrachloroethene	U		0.30	2.0	ug/L	1	22-Aug-2025 14:25
Total Trihalomethanes (TTHMs)	U		1.6	5.0	ug/L	1	22-Aug-2025 14:25
Trichloroethene	U		0.35	2.0	ug/L	1	22-Aug-2025 14:25
Vinyl Chloride	U		0.23	1.0	ug/L	1	22-Aug-2025 14:25
Surr: 1,2-Dichloroethane-d4	*106*			*60-140*	*%REC*	*1*	*22-Aug-2025 14:25*
Surr: 4-Bromofluorobenzene	*107*			*60-140*	*%REC*	*1*	*22-Aug-2025 14:25*
Surr: Dibromofluoromethane	*95.2*			*80-120*	*%REC*	*1*	*22-Aug-2025 14:25*
Surr: Toluene-d8	*102*			*60-140*	*%REC*	*1*	*22-Aug-2025 14:25*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 001
Collection Date: 20-Aug-2025 19:00

ANALYTICAL REPORT
WorkOrder:HS25081040
Lab ID:HS25081040-01
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
SEMIVOLATILES BY E625.1		**Method:E625.1**			Prep:E625 / 22-Aug-2025		Analyst: GEY
1,2,4,5-Tetrachlorobenzene		U	0.067	0.20	ug/L	1	25-Aug-2025 16:02
2,4,5-Trichlorophenol		U	0.057	0.20	ug/L	1	25-Aug-2025 16:02
2-Methylphenol		U	0.033	0.20	ug/L	1	25-Aug-2025 16:02
3&4-Methylphenol		U	0.044	0.40	ug/L	1	25-Aug-2025 16:02
4,6-Dinitro-2-methylphenol		U	0.37	1.0	ug/L	1	25-Aug-2025 16:02
4-Chloro-3-methylphenol		U	0.073	0.20	ug/L	1	25-Aug-2025 16:02
Benz(a)anthracene		U	0.013	0.10	ug/L	1	25-Aug-2025 16:02
Benzidine		U	0.018	0.20	ug/L	1	25-Aug-2025 16:02
Benzo(a)pyrene		U	0.070	0.10	ug/L	1	25-Aug-2025 16:02
Chrysene		U	0.034	0.10	ug/L	1	25-Aug-2025 16:02
Hexachlorobenzene		U	0.090	0.20	ug/L	1	25-Aug-2025 16:02
Hexachloroethane		U	0.045	0.20	ug/L	1	25-Aug-2025 16:02
N-Nitroso-di-n-butylamine		U	0.12	0.20	ug/L	1	25-Aug-2025 16:02
N-Nitrosodiethylamine		U	0.047	0.20	ug/L	1	25-Aug-2025 16:02
Nitrobenzene		U	0.068	0.20	ug/L	1	25-Aug-2025 16:02
Pentachlorobenzene		U	0.035	0.20	ug/L	1	25-Aug-2025 16:02
Pentachlorophenol		U	0.16	0.20	ug/L	1	25-Aug-2025 16:02
Phenanthrene		U	0.038	0.10	ug/L	1	25-Aug-2025 16:02
Pyridine		U	0.088	0.10	ug/L	1	25-Aug-2025 16:02
Surr: 2,4,6-Tribromophenol	*76.9*			*34-129*	*%REC*	*1*	*25-Aug-2025 16:02*
Surr: 2-Fluorobiphenyl	*51.8*			*40-125*	*%REC*	*1*	*25-Aug-2025 16:02*
Surr: 2-Fluorophenol	*58.8*			*20-120*	*%REC*	*1*	*25-Aug-2025 16:02*
Surr: 4-Terphenyl-d14	*54.7*			*40-135*	*%REC*	*1*	*25-Aug-2025 16:02*
Surr: Nitrobenzene-d5	*44.5*			*41-120*	*%REC*	*1*	*25-Aug-2025 16:02*
Surr: Phenol-d6	*65.3*			*20-120*	*%REC*	*1*	*25-Aug-2025 16:02*
MISC. GCFID PARAMETERS BY SW8015C		**Method:SW8015**					Analyst: RG
Ethylene Glycol		U	0.13	2.0	mg/L	1	21-Aug-2025 14:43
CHLORINATED PEST/PCBS BY E608		**Method:E608**			Prep:E608 / 22-Aug-2025		Analyst: CC
Aroclor 1016		U	0.200	0.500	ug/L	1	22-Aug-2025 23:16
Aroclor 1221		U	0.200	0.500	ug/L	1	22-Aug-2025 23:16
Aroclor 1232		U	0.200	0.500	ug/L	1	22-Aug-2025 23:16
Aroclor 1242		U	0.200	0.500	ug/L	1	22-Aug-2025 23:16
Aroclor 1248		U	0.200	0.500	ug/L	1	22-Aug-2025 23:16
Aroclor 1254		U	0.200	0.500	ug/L	1	22-Aug-2025 23:16
Aroclor 1260		U	0.200	0.500	ug/L	1	22-Aug-2025 23:16
Surr: Decachlorobiphenyl	*100*			*61-154*	*%REC*	*1*	*22-Aug-2025 23:16*
Surr: Tetrachlor-m-xylene	*93.5*			*60-144*	*%REC*	*1*	*22-Aug-2025 23:16*
TRIVALENT CHROMIUM		**Method:Calculation**					Analyst: MSC
Chromium, Trivalent		U n	0.0100	0.0100	mg/L	1	05-Sep-2025 09:52

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 001
Collection Date: 20-Aug-2025 19:00

ANALYTICAL REPORT
WorkOrder:HS25081040
Lab ID:HS25081040-01
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
TOTAL METALS BY E200.8, REV 5.4, 1994		**Method:E200.8**			Prep:E200.8 / 03-Sep-2025		Analyst: MSC
Aluminum	**800**		**0.800**	**10.0**	**ug/L**	1	04-Sep-2025 11:34
Antimony	U		0.530	5.00	ug/L	1	04-Sep-2025 11:34
Arsenic	**1.20**	J	**0.250**	**2.00**	**ug/L**	1	04-Sep-2025 11:34
Barium	**49.5**		**0.0840**	**4.00**	**ug/L**	1	04-Sep-2025 11:34
Beryllium	**0.195**	J	**0.0910**	**5.00**	**ug/L**	1	04-Sep-2025 11:34
Cadmium	**0.305**	J	**0.0770**	**2.00**	**ug/L**	1	04-Sep-2025 11:34
Chromium	**2.23**	J	**0.251**	**4.00**	**ug/L**	1	04-Sep-2025 11:34
Copper	**6.08**		**0.170**	**2.00**	**ug/L**	1	04-Sep-2025 11:34
Lead	**2.40**		**0.120**	**2.00**	**ug/L**	1	04-Sep-2025 11:34
Nickel	**2.18**		**0.110**	**2.00**	**ug/L**	1	04-Sep-2025 11:34
Selenium	U		0.860	2.00	ug/L	1	04-Sep-2025 11:34
Silver	U		0.0440	2.00	ug/L	1	04-Sep-2025 11:34
Thallium	U		0.250	2.00	ug/L	1	04-Sep-2025 11:34
Zinc	**96.4**		**1.00**	**4.00**	**ug/L**	1	04-Sep-2025 11:34
MERCURY BY E245.1, R3.0, 1994		**Method:E245.1**			Prep:E245.1 / 29-Aug-2025		Analyst: DH
Mercury	U		0.0000300	0.000200	mg/L	1	29-Aug-2025 12:55
OIL & GREASE BY E1664A		**Method:E1664A**					Analyst: MC
Oil and Grease	**5.00**		**0.610**	**2.00**	**mg/L**	1	05-Sep-2025 06:25
ANIONS BY E300.0, REV 2.1, 1993		**Method:E300**					Analyst: TH
Chloride	**53.6**		**0.200**	**0.500**	**mg/L**	1	21-Aug-2025 20:16
Fluoride	**0.479**		**0.0500**	**0.100**	**mg/L**	1	21-Aug-2025 20:16
Nitrogen, Nitrate (As N)	**0.674**		**0.0300**	**0.100**	**mg/L**	1	21-Aug-2025 20:16
Sulfate	**47.5**		**0.200**	**0.500**	**mg/L**	1	21-Aug-2025 20:16
PHOSPHORUS BY E365.3-1978		**Method:E365.3**			Prep:E365.3 / 26-Aug-2025		Analyst: SG
Phosphorus, Total (As P)	**0.241**		**0.0120**	**0.0500**	**mg/L**	1	26-Aug-2025 12:55
CHEMICAL OXYGEN DEMAND BY HACH 8000		**Method:Hach 8000**					Analyst: TH
Chemical Oxygen Demand	**21.0**		**5.00**	**15.0**	**mg/L**	1	26-Aug-2025 13:00
TOTAL DISSOLVED SOLIDS BY SM2540C		**Method:M2540C**					Analyst: HB
Total Dissolved Solids (Residue, Filterable)	**218**		**3.00**	**10.0**	**mg/L**	1	26-Aug-2025 09:00
TOTAL SUSPENDED SOLIDS BY SM 2540D		**Method:M2540D**					Analyst: HB
Suspended Solids (Residue, Non -Filterable)	**108**		**1.68**	**4.00**	**mg/L**	1	22-Aug-2025 07:30
ORGANIC NITROGEN BY SM4500-NH3D MINUS NH3F		**Method:M4500 NH3 D**					Analyst: HB
Nitrogen, Organic	**0.53**		**0.50**	**0.50**	**mg/L**	1	05-Sep-2025 14:37
TOTAL KJELDAHL NITROGEN BY SM4500 NH3 D		**Method:M4500 NH3 D**			Prep:M4500-N C / 04-Sep-2025		Analyst: MH
Nitrogen, Total Kjeldahl	**0.96**	J	**0.44**	**1.0**	**mg/L**	1	04-Sep-2025 16:00
CYANIDE BY SM 4500CN E&G		**Method:M4500CN EG**			Prep:M4500CN E&G / 25-Aug-2025		Analyst: SG
Cyanide	U		0.00200	0.00500	mg/L	1	25-Aug-2025 11:22

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 001
Collection Date: 20-Aug-2025 19:00

ANALYTICAL REPORT
WorkOrder:HS25081040
Lab ID:HS25081040-01
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED OXYGEN BY SM4500-O G		**Method:M4500-O G**					Analyst: OZ
Oxygen, Dissolved	**7.51**	H	**1.00**	**1.00**	**mg/L**	1	21-Aug-2025 16:29
AMMONIA AS N BY SM4500 NH3-D (ISE)		**Method:SM4500 NH3-D**					Analyst: MH
Nitrogen, Ammonia (as N)	**0.429**		**0.0300**	**0.200**	**mg/L**	1	22-Aug-2025 12:00
RESIDUAL CHLORINE BY SM4500CL F		**Method:SM4500CL F**					Analyst: MC
Chlorine	U	H	0.10	0.10	mg/L	1	26-Aug-2025 12:46
PH BY SM4500H+ B		**Method:SM4500H+ B**					Analyst: OZ
pH	**8.12**	H	**0.100**	**1.00**	**pH Units**	1	21-Aug-2025 19:30
Temp Deg C @pH	**21.9**	H	**0**	**0**	**°C**	1	21-Aug-2025 19:30
BIOCHEMICAL OXYGEN DEMAND (BOD) BY SM5210B		**Method:SM5210 B**			Prep:SM5210 B / 21-Aug-2025		Analyst: MH
Biochemical Oxygen Demand	**9.61**		**2.00**	**2.00**	**mg/L**	1	26-Aug-2025 17:19
CBOD BY SM5210B		**Method:SM5210 B**			Prep:SM5210 B / 21-Aug-2025		Analyst: TH
Carbonaceous Biochemical Oxygen Demand	**7.17**		**2.00**	**2.00**	**mg/L**	1	26-Aug-2025 17:15
TOTAL ORGANIC CARBON - SM5310B		**Method:SM5310B**					Analyst: DH
Organic Carbon, Total	**10.1**		**0.500**	**1.00**	**mg/L**	1	21-Aug-2025 20:54
HEXAVALENT CHROMIUM BY SW7196A		**Method:SW7196**					Analyst: MH
Chromium, Hexavalent	U		0.00480	0.0200	mg/L	2	21-Aug-2025 13:26
SUBCONTRACT ANALYSIS - FECAL COLIFORM		**Method:NA**					Analyst: SUB
Subcontract Analysis	See Attached		0			1	26-Aug-2025 12:27
SUBCONTRACTED ANALYSIS		**Method:NA**					Analyst: SUB
Miscellaneous Analysis	See Attached		0		NA	1	08-Sep-2025 11:33

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 002
Collection Date: 20-Aug-2025 20:00

ANALYTICAL REPORT
WorkOrder:HS25081040
Lab ID:HS25081040-02
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY EPA 624.1		**Method:E624.1**					Analyst: DP
1,1,1-Trichloroethane	U		0.24	1.0	ug/L	1	22-Aug-2025 14:47
1,1-Dichloroethene	U		0.22	1.0	ug/L	1	22-Aug-2025 14:47
1,2-Dibromoethane	U		0.30	2.0	ug/L	1	22-Aug-2025 14:47
1,2-Dichloroethane	U		0.41	2.0	ug/L	1	22-Aug-2025 14:47
1,4-Dichlorobenzene	U		0.35	2.0	ug/L	1	22-Aug-2025 14:47
2-Butanone	**3.1**	J	**1.5**	**10**	**ug/L**	1	22-Aug-2025 14:47
Benzene	U		0.28	1.0	ug/L	1	22-Aug-2025 14:47
Carbon Tetrachloride	U		0.34	2.0	ug/L	1	22-Aug-2025 14:47
Chlorobenzene	U		0.36	2.0	ug/L	1	22-Aug-2025 14:47
Chloroform	U		0.32	2.0	ug/L	1	22-Aug-2025 14:47
Dibromochloromethane	U		0.39	2.0	ug/L	1	22-Aug-2025 14:47
Hexachlorobutadiene	U		2.5	10	ug/L	1	22-Aug-2025 14:47
Tetrachloroethene	U		0.30	2.0	ug/L	1	22-Aug-2025 14:47
Total Trihalomethanes (TTHMs)	U		1.6	5.0	ug/L	1	22-Aug-2025 14:47
Trichloroethene	U		0.35	2.0	ug/L	1	22-Aug-2025 14:47
Vinyl Chloride	U		0.23	1.0	ug/L	1	22-Aug-2025 14:47
Surr: 1,2-Dichloroethane-d4	*107*			*60-140*	*%REC*	*1*	*22-Aug-2025 14:47*
Surr: 4-Bromofluorobenzene	*111*			*60-140*	*%REC*	*1*	*22-Aug-2025 14:47*
Surr: Dibromofluoromethane	*98.3*			*80-120*	*%REC*	*1*	*22-Aug-2025 14:47*
Surr: Toluene-d8	*104*			*60-140*	*%REC*	*1*	*22-Aug-2025 14:47*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 002
Collection Date: 20-Aug-2025 20:00

ANALYTICAL REPORT
WorkOrder:HS25081040
Lab ID:HS25081040-02
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
SEMIVOLATILES BY E625.1		**Method:E625.1**			Prep:E625 / 22-Aug-2025		Analyst: GEY
1,2,4,5-Tetrachlorobenzene	U		0.067	0.20	ug/L	1	25-Aug-2025 16:27
2,4,5-Trichlorophenol	U		0.057	0.20	ug/L	1	25-Aug-2025 16:27
2-Methylphenol	U		0.033	0.20	ug/L	1	25-Aug-2025 16:27
3&4-Methylphenol	U		0.044	0.40	ug/L	1	25-Aug-2025 16:27
4,6-Dinitro-2-methylphenol	U		0.37	1.0	ug/L	1	25-Aug-2025 16:27
4-Chloro-3-methylphenol	U		0.073	0.20	ug/L	1	25-Aug-2025 16:27
Benz(a)anthracene	U		0.013	0.10	ug/L	1	25-Aug-2025 16:27
Benzidine	U		0.018	0.20	ug/L	1	25-Aug-2025 16:27
Benzo(a)pyrene	U		0.070	0.10	ug/L	1	25-Aug-2025 16:27
Chrysene	U		0.034	0.10	ug/L	1	25-Aug-2025 16:27
Hexachlorobenzene	U		0.090	0.20	ug/L	1	25-Aug-2025 16:27
Hexachloroethane	U		0.045	0.20	ug/L	1	25-Aug-2025 16:27
N-Nitroso-di-n-butylamine	U		0.12	0.20	ug/L	1	25-Aug-2025 16:27
N-Nitrosodiethylamine	U		0.047	0.20	ug/L	1	25-Aug-2025 16:27
Nitrobenzene	U		0.068	0.20	ug/L	1	25-Aug-2025 16:27
Pentachlorobenzene	U		0.035	0.20	ug/L	1	25-Aug-2025 16:27
Pentachlorophenol	U		0.16	0.20	ug/L	1	25-Aug-2025 16:27
Phenanthrene	U		0.038	0.10	ug/L	1	25-Aug-2025 16:27
Pyridine	U		0.088	0.10	ug/L	1	25-Aug-2025 16:27
Surr: 2,4,6-Tribromophenol	*74.5*			*34-129*	*%REC*	*1*	*25-Aug-2025 16:27*
Surr: 2-Fluorobiphenyl	*46.4*			*40-125*	*%REC*	*1*	*25-Aug-2025 16:27*
Surr: 2-Fluorophenol	*46.3*			*20-120*	*%REC*	*1*	*25-Aug-2025 16:27*
Surr: 4-Terphenyl-d14	*51.1*			*40-135*	*%REC*	*1*	*25-Aug-2025 16:27*
Surr: Nitrobenzene-d5	*44.7*			*41-120*	*%REC*	*1*	*25-Aug-2025 16:27*
Surr: Phenol-d6	*50.2*			*20-120*	*%REC*	*1*	*25-Aug-2025 16:27*
MISC. GCFID PARAMETERS BY SW8015C		**Method:SW8015**					Analyst: RG
Ethylene Glycol	U		0.13	2.0	mg/L	1	21-Aug-2025 14:59
CHLORINATED PEST/PCBS BY E608		**Method:E608**			Prep:E608 / 22-Aug-2025		Analyst: CC
Aroclor 1016	U		0.200	0.500	ug/L	1	22-Aug-2025 23:27
Aroclor 1221	U		0.200	0.500	ug/L	1	22-Aug-2025 23:27
Aroclor 1232	U		0.200	0.500	ug/L	1	22-Aug-2025 23:27
Aroclor 1242	U		0.200	0.500	ug/L	1	22-Aug-2025 23:27
Aroclor 1248	U		0.200	0.500	ug/L	1	22-Aug-2025 23:27
Aroclor 1254	U		0.200	0.500	ug/L	1	22-Aug-2025 23:27
Aroclor 1260	U		0.200	0.500	ug/L	1	22-Aug-2025 23:27
Surr: Decachlorobiphenyl	*101*			*61-154*	*%REC*	*1*	*22-Aug-2025 23:27*
Surr: Tetrachlor-m-xylene	*97.9*			*60-144*	*%REC*	*1*	*22-Aug-2025 23:27*
TRIVALENT CHROMIUM		**Method:Calculation**					Analyst: MSC
Chromium, Trivalent	U	n	0.0100	0.0100	mg/L	1	05-Sep-2025 09:52

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 002
Collection Date: 20-Aug-2025 20:00

ANALYTICAL REPORT
WorkOrder:HS25081040
Lab ID:HS25081040-02
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
TOTAL METALS BY E200.8, REV 5.4, 1994		**Method:E200.8**			Prep:E200.8 / 03-Sep-2025		Analyst: MSC
Aluminum	**544**		**0.800**	**10.0**	**ug/L**	1	04-Sep-2025 11:43
Antimony	U		0.530	5.00	ug/L	1	04-Sep-2025 11:43
Arsenic	**1.05**	J	**0.250**	**2.00**	**ug/L**	1	04-Sep-2025 11:43
Barium	**40.7**		**0.0840**	**4.00**	**ug/L**	1	04-Sep-2025 11:43
Beryllium	**0.131**	J	**0.0910**	**5.00**	**ug/L**	1	04-Sep-2025 11:43
Cadmium	**0.192**	J	**0.0770**	**2.00**	**ug/L**	1	04-Sep-2025 11:43
Chromium	**1.70**	J	**0.251**	**4.00**	**ug/L**	1	04-Sep-2025 11:43
Copper	**4.47**		**0.170**	**2.00**	**ug/L**	1	04-Sep-2025 11:43
Lead	**1.63**	J	**0.120**	**2.00**	**ug/L**	1	04-Sep-2025 11:43
Nickel	**1.45**	J	**0.110**	**2.00**	**ug/L**	1	04-Sep-2025 11:43
Selenium	U		0.860	2.00	ug/L	1	04-Sep-2025 11:43
Silver	U		0.0440	2.00	ug/L	1	04-Sep-2025 11:43
Thallium	U		0.250	2.00	ug/L	1	04-Sep-2025 11:43
Zinc	**65.5**		**1.00**	**4.00**	**ug/L**	1	04-Sep-2025 11:43
MERCURY BY E245.1, R3.0, 1994		**Method:E245.1**			Prep:E245.1 / 29-Aug-2025		Analyst: DH
Mercury	U		0.0000300	0.000200	mg/L	1	29-Aug-2025 12:57
OIL & GREASE BY E1664A		**Method:E1664A**					Analyst: MC
Oil and Grease	**1.36**	J	**0.610**	**2.00**	**mg/L**	1	05-Sep-2025 06:25
ANIONS BY E300.0, REV 2.1, 1993		**Method:E300**					Analyst: TH
Chloride	**65.9**		**0.200**	**0.500**	**mg/L**	1	21-Aug-2025 21:03
Fluoride	**0.341**		**0.0500**	**0.100**	**mg/L**	1	21-Aug-2025 21:03
Nitrogen, Nitrate (As N)	**0.634**		**0.0300**	**0.100**	**mg/L**	1	21-Aug-2025 21:03
Sulfate	**48.7**		**0.200**	**0.500**	**mg/L**	1	21-Aug-2025 21:03
PHOSPHORUS BY E365.3-1978		**Method:E365.3**			Prep:E365.3 / 26-Aug-2025		Analyst: SG
Phosphorus, Total (As P)	**0.193**		**0.0120**	**0.0500**	**mg/L**	1	26-Aug-2025 12:55
CHEMICAL OXYGEN DEMAND BY HACH 8000		**Method:Hach 8000**					Analyst: TH
Chemical Oxygen Demand	**22.0**		**5.00**	**15.0**	**mg/L**	1	26-Aug-2025 13:00
TOTAL DISSOLVED SOLIDS BY SM2540C		**Method:M2540C**					Analyst: HB
Total Dissolved Solids (Residue, Filterable)	**176**		**3.00**	**10.0**	**mg/L**	1	26-Aug-2025 09:00
TOTAL SUSPENDED SOLIDS BY SM 2540D		**Method:M2540D**					Analyst: HB
Suspended Solids (Residue, Non -Filterable)	**121**		**1.68**	**4.00**	**mg/L**	1	22-Aug-2025 07:30
ORGANIC NITROGEN BY SM4500-NH3D MINUS NH3F		**Method:M4500 NH3 D**					Analyst: HB
Nitrogen, Organic	U		0.50	0.50	mg/L	1	05-Sep-2025 14:37
TOTAL KJELDAHL NITROGEN BY SM4500 NH3 D		**Method:M4500 NH3 D**			Prep:M4500-N C / 04-Sep-2025		Analyst: MH
Nitrogen, Total Kjeldahl	**0.77**	J	**0.44**	**1.0**	**mg/L**	1	04-Sep-2025 16:00
CYANIDE BY SM 4500CN E&G		**Method:M4500CN EG**			Prep:M4500CN E&G / 25-Aug-2025		Analyst: SG
Cyanide	U		0.00200	0.00500	mg/L	1	25-Aug-2025 11:22

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 002
Collection Date: 20-Aug-2025 20:00

ANALYTICAL REPORT
WorkOrder:HS25081040
Lab ID:HS25081040-02
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED OXYGEN BY SM4500-O G		**Method:M4500-O G**					Analyst: OZ
Oxygen, Dissolved	**7.01**	H	**1.00**	**1.00**	**mg/L**	1	21-Aug-2025 16:29
AMMONIA AS N BY SM4500 NH3-D (ISE)		**Method:SM4500 NH3-D**					Analyst: MH
Nitrogen, Ammonia (as N)	**0.467**		**0.0300**	**0.200**	**mg/L**	1	22-Aug-2025 12:00
RESIDUAL CHLORINE BY SM4500CL F		**Method:SM4500CL F**					Analyst: MC
Chlorine	**0.10**	H	**0.10**	**0.10**	**mg/L**	1	26-Aug-2025 12:46
PH BY SM4500H+ B		**Method:SM4500H+ B**					Analyst: OZ
pH	**7.96**	H	**0.100**	**1.00**	**pH Units**	1	21-Aug-2025 19:30
Temp Deg C @pH	**22.0**	H	**0**	**0**	**°C**	1	21-Aug-2025 19:30
BIOCHEMICAL OXYGEN DEMAND (BOD) BY SM5210B		**Method:SM5210 B**			Prep:SM5210 B / 21-Aug-2025		Analyst: MH
Biochemical Oxygen Demand	**8.50**		**2.00**	**2.00**	**mg/L**	1	26-Aug-2025 17:19
CBOD BY SM5210B		**Method:SM5210 B**			Prep:SM5210 B / 21-Aug-2025		Analyst: TH
Carbonaceous Biochemical Oxygen Demand	**6.48**		**2.00**	**2.00**	**mg/L**	1	26-Aug-2025 17:15
TOTAL ORGANIC CARBON - SM5310B		**Method:SM5310B**					Analyst: DH
Organic Carbon, Total	**8.08**		**0.500**	**1.00**	**mg/L**	1	21-Aug-2025 21:05
HEXAVALENT CHROMIUM BY SW7196A		**Method:SW7196**					Analyst: MH
Chromium, Hexavalent	U		0.00480	0.0200	mg/L	2	21-Aug-2025 13:26
SUBCONTRACT ANALYSIS - FECAL COLIFORM		**Method:NA**					Analyst: SUB
Subcontract Analysis	See Attached		0			1	26-Aug-2025 12:27
SUBCONTRACTED ANALYSIS		**Method:NA**					Analyst: SUB
Miscellaneous Analysis	See Attached		0		NA	1	08-Sep-2025 11:33

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 003
Collection Date: 20-Aug-2025 21:00

ANALYTICAL REPORT
WorkOrder:HS25081040
Lab ID:HS25081040-03
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY EPA 624.1		**Method:E624.1**					Analyst: DP
1,1,1-Trichloroethane	U		0.24	1.0	ug/L	1	22-Aug-2025 15:09
1,1-Dichloroethene	U		0.22	1.0	ug/L	1	22-Aug-2025 15:09
1,2-Dibromoethane	U		0.30	2.0	ug/L	1	22-Aug-2025 15:09
1,2-Dichloroethane	U		0.41	2.0	ug/L	1	22-Aug-2025 15:09
1,4-Dichlorobenzene	U		0.35	2.0	ug/L	1	22-Aug-2025 15:09
2-Butanone	**3.0**	J	**1.5**	**10**	**ug/L**	1	22-Aug-2025 15:09
Benzene	U		0.28	1.0	ug/L	1	22-Aug-2025 15:09
Carbon Tetrachloride	U		0.34	2.0	ug/L	1	22-Aug-2025 15:09
Chlorobenzene	U		0.36	2.0	ug/L	1	22-Aug-2025 15:09
Chloroform	U		0.32	2.0	ug/L	1	22-Aug-2025 15:09
Dibromochloromethane	U		0.39	2.0	ug/L	1	22-Aug-2025 15:09
Hexachlorobutadiene	U		2.5	10	ug/L	1	22-Aug-2025 15:09
Tetrachloroethene	U		0.30	2.0	ug/L	1	22-Aug-2025 15:09
Total Trihalomethanes (TTHMs)	U		1.6	5.0	ug/L	1	22-Aug-2025 15:09
Trichloroethene	U		0.35	2.0	ug/L	1	22-Aug-2025 15:09
Vinyl Chloride	U		0.23	1.0	ug/L	1	22-Aug-2025 15:09
Surr: 1,2-Dichloroethane-d4	*107*			*60-140*	*%REC*	*1*	*22-Aug-2025 15:09*
Surr: 4-Bromofluorobenzene	*109*			*60-140*	*%REC*	*1*	*22-Aug-2025 15:09*
Surr: Dibromofluoromethane	*98.4*			*80-120*	*%REC*	*1*	*22-Aug-2025 15:09*
Surr: Toluene-d8	*103*			*60-140*	*%REC*	*1*	*22-Aug-2025 15:09*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 003
Collection Date: 20-Aug-2025 21:00

ANALYTICAL REPORT
WorkOrder:HS25081040
Lab ID:HS25081040-03
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
SEMIVOLATILES BY E625.1		**Method:E625.1**			Prep:E625 / 22-Aug-2025		Analyst: GEY
1,2,4,5-Tetrachlorobenzene	U		0.067	0.20	ug/L	1	25-Aug-2025 16:51
2,4,5-Trichlorophenol	U		0.057	0.20	ug/L	1	25-Aug-2025 16:51
2-Methylphenol	U		0.033	0.20	ug/L	1	25-Aug-2025 16:51
3&4-Methylphenol	U		0.044	0.40	ug/L	1	25-Aug-2025 16:51
4,6-Dinitro-2-methylphenol	U		0.37	1.0	ug/L	1	25-Aug-2025 16:51
4-Chloro-3-methylphenol	U		0.073	0.20	ug/L	1	25-Aug-2025 16:51
Benz(a)anthracene	U		0.013	0.10	ug/L	1	25-Aug-2025 16:51
Benzidine	U		0.018	0.20	ug/L	1	25-Aug-2025 16:51
Benzo(a)pyrene	U		0.070	0.10	ug/L	1	25-Aug-2025 16:51
Chrysene	U		0.034	0.10	ug/L	1	25-Aug-2025 16:51
Hexachlorobenzene	U		0.090	0.20	ug/L	1	25-Aug-2025 16:51
Hexachloroethane	U		0.045	0.20	ug/L	1	25-Aug-2025 16:51
N-Nitroso-di-n-butylamine	U		0.12	0.20	ug/L	1	25-Aug-2025 16:51
N-Nitrosodiethylamine	U		0.047	0.20	ug/L	1	25-Aug-2025 16:51
Nitrobenzene	U		0.068	0.20	ug/L	1	25-Aug-2025 16:51
Pentachlorobenzene	U		0.035	0.20	ug/L	1	25-Aug-2025 16:51
Pentachlorophenol	U		0.16	0.20	ug/L	1	25-Aug-2025 16:51
Phenanthrene	U		0.038	0.10	ug/L	1	25-Aug-2025 16:51
Pyridine	U		0.088	0.10	ug/L	1	25-Aug-2025 16:51
Surr: 2,4,6-Tribromophenol	*78.6*			*34-129*	*%REC*	*1*	*25-Aug-2025 16:51*
Surr: 2-Fluorobiphenyl	*51.9*			*40-125*	*%REC*	*1*	*25-Aug-2025 16:51*
Surr: 2-Fluorophenol	*75.1*			*20-120*	*%REC*	*1*	*25-Aug-2025 16:51*
Surr: 4-Terphenyl-d14	*56.3*			*40-135*	*%REC*	*1*	*25-Aug-2025 16:51*
Surr: Nitrobenzene-d5	*45.5*			*41-120*	*%REC*	*1*	*25-Aug-2025 16:51*
Surr: Phenol-d6	*63.6*			*20-120*	*%REC*	*1*	*25-Aug-2025 16:51*
MISC. GCFID PARAMETERS BY SW8015C		**Method:SW8015**					Analyst: RG
Ethylene Glycol	U		0.13	2.0	mg/L	1	21-Aug-2025 15:16
CHLORINATED PEST/PCBS BY E608		**Method:E608**			Prep:E608 / 22-Aug-2025		Analyst: CC
Aroclor 1016	U		0.200	0.500	ug/L	1	22-Aug-2025 23:38
Aroclor 1221	U		0.200	0.500	ug/L	1	22-Aug-2025 23:38
Aroclor 1232	U		0.200	0.500	ug/L	1	22-Aug-2025 23:38
Aroclor 1242	U		0.200	0.500	ug/L	1	22-Aug-2025 23:38
Aroclor 1248	U		0.200	0.500	ug/L	1	22-Aug-2025 23:38
Aroclor 1254	U		0.200	0.500	ug/L	1	22-Aug-2025 23:38
Aroclor 1260	U		0.200	0.500	ug/L	1	22-Aug-2025 23:38
Surr: Decachlorobiphenyl	*96.7*			*61-154*	*%REC*	*1*	*22-Aug-2025 23:38*
Surr: Tetrachlor-m-xylene	*91.3*			*60-144*	*%REC*	*1*	*22-Aug-2025 23:38*
TRIVALENT CHROMIUM		**Method:Calculation**					Analyst: MSC
Chromium, Trivalent	U	n	0.0100	0.0100	mg/L	1	05-Sep-2025 09:52

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 003
Collection Date: 20-Aug-2025 21:00

ANALYTICAL REPORT
WorkOrder:HS25081040
Lab ID:HS25081040-03
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
TOTAL METALS BY E200.8, REV 5.4, 1994		**Method:E200.8**			Prep:E200.8 / 03-Sep-2025		Analyst: MSC
Aluminum	**548**		**0.800**	**10.0**	**ug/L**	1	04-Sep-2025 11:45
Antimony	U		0.530	5.00	ug/L	1	04-Sep-2025 11:45
Arsenic	**0.979**	J	**0.250**	**2.00**	**ug/L**	1	04-Sep-2025 11:45
Barium	**39.0**		**0.0840**	**4.00**	**ug/L**	1	04-Sep-2025 11:45
Beryllium	**0.114**	J	**0.0910**	**5.00**	**ug/L**	1	04-Sep-2025 11:45
Cadmium	**0.142**	J	**0.0770**	**2.00**	**ug/L**	1	04-Sep-2025 11:45
Chromium	**1.38**	J	**0.251**	**4.00**	**ug/L**	1	04-Sep-2025 11:45
Copper	**3.75**		**0.170**	**2.00**	**ug/L**	1	04-Sep-2025 11:45
Lead	**1.37**	J	**0.120**	**2.00**	**ug/L**	1	04-Sep-2025 11:45
Nickel	**1.25**	J	**0.110**	**2.00**	**ug/L**	1	04-Sep-2025 11:45
Selenium	U		0.860	2.00	ug/L	1	04-Sep-2025 11:45
Silver	U		0.0440	2.00	ug/L	1	04-Sep-2025 11:45
Thallium	U		0.250	2.00	ug/L	1	04-Sep-2025 11:45
Zinc	**53.5**		**1.00**	**4.00**	**ug/L**	1	04-Sep-2025 11:45
MERCURY BY E245.1, R3.0, 1994		**Method:E245.1**			Prep:E245.1 / 29-Aug-2025		Analyst: DH
Mercury	U		0.0000300	0.000200	mg/L	1	29-Aug-2025 12:59
OIL & GREASE BY E1664A		**Method:E1664A**					Analyst: MC
Oil and Grease	**3.90**		**0.610**	**2.00**	**mg/L**	1	05-Sep-2025 06:25
ANIONS BY E300.0, REV 2.1, 1993		**Method:E300**					Analyst: TH
Chloride	**72.8**		**0.200**	**0.500**	**mg/L**	1	21-Aug-2025 21:14
Fluoride	**0.320**		**0.0500**	**0.100**	**mg/L**	1	21-Aug-2025 21:14
Nitrogen, Nitrate (As N)	**0.629**		**0.0300**	**0.100**	**mg/L**	1	21-Aug-2025 21:14
Sulfate	**49.4**		**0.200**	**0.500**	**mg/L**	1	21-Aug-2025 21:14
PHOSPHORUS BY E365.3-1978		**Method:E365.3**			Prep:E365.3 / 26-Aug-2025		Analyst: SG
Phosphorus, Total (As P)	**0.249**		**0.0120**	**0.0500**	**mg/L**	1	26-Aug-2025 12:55
CHEMICAL OXYGEN DEMAND BY HACH 8000		**Method:Hach 8000**					Analyst: TH
Chemical Oxygen Demand	**20.0**		**5.00**	**15.0**	**mg/L**	1	26-Aug-2025 13:00
TOTAL DISSOLVED SOLIDS BY SM2540C		**Method:M2540C**					Analyst: HB
Total Dissolved Solids (Residue, Filterable)	**190**		**3.00**	**10.0**	**mg/L**	1	26-Aug-2025 09:00
TOTAL SUSPENDED SOLIDS BY SM 2540D		**Method:M2540D**					Analyst: HB
Suspended Solids (Residue, Non -Filterable)	**150**		**1.68**	**4.00**	**mg/L**	1	22-Aug-2025 07:30
ORGANIC NITROGEN BY SM4500-NH3D MINUS NH3F		**Method:M4500 NH3 D**					Analyst: HB
Nitrogen, Organic	U		0.50	0.50	mg/L	1	05-Sep-2025 14:37
TOTAL KJELDAHL NITROGEN BY SM4500 NH3 D		**Method:M4500 NH3 D**			Prep:M4500-N C / 04-Sep-2025		Analyst: MH
Nitrogen, Total Kjeldahl	**0.71**	J	**0.44**	**1.0**	**mg/L**	1	04-Sep-2025 16:00
CYANIDE BY SM 4500CN E&G		**Method:M4500CN EG**			Prep:M4500CN E&G / 27-Aug-2025		Analyst: SG
Cyanide	U		0.00200	0.00500	mg/L	1	27-Aug-2025 11:01

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 003
Collection Date: 20-Aug-2025 21:00

ANALYTICAL REPORT
WorkOrder:HS25081040
Lab ID:HS25081040-03
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED OXYGEN BY SM4500-O G		**Method:M4500-O G**					Analyst: OZ
Oxygen, Dissolved	**6.68**	H	**1.00**	**1.00**	**mg/L**	1	21-Aug-2025 16:29
AMMONIA AS N BY SM4500 NH3-D (ISE)		**Method:SM4500 NH3-D**					Analyst: MH
Nitrogen, Ammonia (as N)	**0.373**		**0.0300**	**0.200**	**mg/L**	1	22-Aug-2025 12:00
RESIDUAL CHLORINE BY SM4500CL F		**Method:SM4500CL F**					Analyst: MC
Chlorine	**0.10**	H	**0.10**	**0.10**	**mg/L**	1	26-Aug-2025 12:46
PH BY SM4500H+ B		**Method:SM4500H+ B**					Analyst: OZ
pH	**7.95**	H	**0.100**	**1.00**	**pH Units**	1	21-Aug-2025 19:30
Temp Deg C @pH	**21.7**	H	**0**	**0**	**°C**	1	21-Aug-2025 19:30
BIOCHEMICAL OXYGEN DEMAND (BOD) BY SM5210B		**Method:SM5210 B**			Prep:SM5210 B / 21-Aug-2025		Analyst: MH
Biochemical Oxygen Demand	**7.03**		**2.00**	**2.00**	**mg/L**	1	26-Aug-2025 17:19
CBOD BY SM5210B		**Method:SM5210 B**			Prep:SM5210 B / 21-Aug-2025		Analyst: TH
Carbonaceous Biochemical Oxygen Demand	**8.54**		**2.00**	**2.00**	**mg/L**	1	26-Aug-2025 17:15
TOTAL ORGANIC CARBON - SM5310B		**Method:SM5310B**					Analyst: DH
Organic Carbon, Total	**8.30**		**0.500**	**1.00**	**mg/L**	1	21-Aug-2025 21:15
HEXAVALENT CHROMIUM BY SW7196A		**Method:SW7196**					Analyst: MH
Chromium, Hexavalent	U		0.00480	0.0200	mg/L	2	21-Aug-2025 13:26
SUBCONTRACT ANALYSIS - FECAL COLIFORM		**Method:NA**					Analyst: SUB
Subcontract Analysis	See Attached		0			1	26-Aug-2025 12:27
SUBCONTRACTED ANALYSIS		**Method:NA**					Analyst: SUB
Miscellaneous Analysis	See Attached		0		NA	1	08-Sep-2025 11:33

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 004
Collection Date: 20-Aug-2025 22:00

ANALYTICAL REPORT
WorkOrder:HS25081040
Lab ID:HS25081040-04
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY EPA 624.1	**Method:E624.1**						Analyst: DP
1,1,1-Trichloroethane	U		0.24	1.0	ug/L	1	22-Aug-2025 15:31
1,1-Dichloroethene	U		0.22	1.0	ug/L	1	22-Aug-2025 15:31
1,2-Dibromoethane	U		0.30	2.0	ug/L	1	22-Aug-2025 15:31
1,2-Dichloroethane	U		0.41	2.0	ug/L	1	22-Aug-2025 15:31
1,4-Dichlorobenzene	U		0.35	2.0	ug/L	1	22-Aug-2025 15:31
2-Butanone	U		1.5	10	ug/L	1	22-Aug-2025 15:31
Benzene	U		0.28	1.0	ug/L	1	22-Aug-2025 15:31
Carbon Tetrachloride	U		0.34	2.0	ug/L	1	22-Aug-2025 15:31
Chlorobenzene	U		0.36	2.0	ug/L	1	22-Aug-2025 15:31
Chloroform	U		0.32	2.0	ug/L	1	22-Aug-2025 15:31
Dibromochloromethane	U		0.39	2.0	ug/L	1	22-Aug-2025 15:31
Hexachlorobutadiene	U		2.5	10	ug/L	1	22-Aug-2025 15:31
Tetrachloroethene	U		0.30	2.0	ug/L	1	22-Aug-2025 15:31
Total Trihalomethanes (TTHMs)	U		1.6	5.0	ug/L	1	22-Aug-2025 15:31
Trichloroethene	U		0.35	2.0	ug/L	1	22-Aug-2025 15:31
Vinyl Chloride	U		0.23	1.0	ug/L	1	22-Aug-2025 15:31
Surr: 1,2-Dichloroethane-d4	*117*			*60-140*	*%REC*	*1*	*22-Aug-2025 15:31*
Surr: 4-Bromofluorobenzene	*117*			*60-140*	*%REC*	*1*	*22-Aug-2025 15:31*
Surr: Dibromofluoromethane	*107*			*80-120*	*%REC*	*1*	*22-Aug-2025 15:31*
Surr: Toluene-d8	*111*			*60-140*	*%REC*	*1*	*22-Aug-2025 15:31*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 004
Collection Date: 20-Aug-2025 22:00

ANALYTICAL REPORT
WorkOrder:HS25081040
Lab ID:HS25081040-04
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
SEMIVOLATILES BY E625.1		**Method:E625.1**			Prep:E625 / 22-Aug-2025		Analyst: GEY
1,2,4,5-Tetrachlorobenzene	U		0.067	0.20	ug/L	1	25-Aug-2025 17:15
2,4,5-Trichlorophenol	U		0.057	0.20	ug/L	1	25-Aug-2025 17:15
2-Methylphenol	U		0.033	0.20	ug/L	1	25-Aug-2025 17:15
3&4-Methylphenol	U		0.044	0.40	ug/L	1	25-Aug-2025 17:15
4,6-Dinitro-2-methylphenol	U		0.37	1.0	ug/L	1	25-Aug-2025 17:15
4-Chloro-3-methylphenol	U		0.073	0.20	ug/L	1	25-Aug-2025 17:15
Benz(a)anthracene	U		0.013	0.10	ug/L	1	25-Aug-2025 17:15
Benzidine	U		0.018	0.20	ug/L	1	25-Aug-2025 17:15
Benzo(a)pyrene	U		0.070	0.10	ug/L	1	25-Aug-2025 17:15
Chrysene	U		0.034	0.10	ug/L	1	25-Aug-2025 17:15
Hexachlorobenzene	U		0.090	0.20	ug/L	1	25-Aug-2025 17:15
Hexachloroethane	U		0.045	0.20	ug/L	1	25-Aug-2025 17:15
N-Nitroso-di-n-butylamine	U		0.12	0.20	ug/L	1	25-Aug-2025 17:15
N-Nitrosodiethylamine	U		0.047	0.20	ug/L	1	25-Aug-2025 17:15
Nitrobenzene	U		0.068	0.20	ug/L	1	25-Aug-2025 17:15
Pentachlorobenzene	U		0.035	0.20	ug/L	1	25-Aug-2025 17:15
Pentachlorophenol	U		0.16	0.20	ug/L	1	25-Aug-2025 17:15
Phenanthrene	U		0.038	0.10	ug/L	1	25-Aug-2025 17:15
Pyridine	U		0.088	0.10	ug/L	1	25-Aug-2025 17:15
Surr: 2,4,6-Tribromophenol	*57.7*			*34-129*	*%REC*	*1*	*25-Aug-2025 17:15*
Surr: 2-Fluorobiphenyl	*42.1*			*40-125*	*%REC*	*1*	*25-Aug-2025 17:15*
Surr: 2-Fluorophenol	*52.9*			*20-120*	*%REC*	*1*	*25-Aug-2025 17:15*
Surr: 4-Terphenyl-d14	*46.7*			*40-135*	*%REC*	*1*	*25-Aug-2025 17:15*
Surr: Nitrobenzene-d5	*47.2*			*41-120*	*%REC*	*1*	*25-Aug-2025 17:15*
Surr: Phenol-d6	*54.5*			*20-120*	*%REC*	*1*	*25-Aug-2025 17:15*
MISC. GCFID PARAMETERS BY SW8015C		**Method:SW8015**					Analyst: RG
Ethylene Glycol	U		0.13	2.0	mg/L	1	21-Aug-2025 15:32
CHLORINATED PEST/PCBS BY E608		**Method:E608**			Prep:E608 / 22-Aug-2025		Analyst: CC
Aroclor 1016	U		0.200	0.500	ug/L	1	22-Aug-2025 23:49
Aroclor 1221	U		0.200	0.500	ug/L	1	22-Aug-2025 23:49
Aroclor 1232	U		0.200	0.500	ug/L	1	22-Aug-2025 23:49
Aroclor 1242	U		0.200	0.500	ug/L	1	22-Aug-2025 23:49
Aroclor 1248	U		0.200	0.500	ug/L	1	22-Aug-2025 23:49
Aroclor 1254	U		0.200	0.500	ug/L	1	22-Aug-2025 23:49
Aroclor 1260	U		0.200	0.500	ug/L	1	22-Aug-2025 23:49
Surr: Decachlorobiphenyl	*97.6*			*61-154*	*%REC*	*1*	*22-Aug-2025 23:49*
Surr: Tetrachlor-m-xylene	*93.6*			*60-144*	*%REC*	*1*	*22-Aug-2025 23:49*
TRIVALENT CHROMIUM		**Method:Calculation**					Analyst: MSC
Chromium, Trivalent	U	n	0.0100	0.0100	mg/L	1	05-Sep-2025 09:52

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 004
Collection Date: 20-Aug-2025 22:00

ANALYTICAL REPORT
WorkOrder:HS25081040
Lab ID:HS25081040-04
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
TOTAL METALS BY E200.8, REV 5.4, 1994		**Method:E200.8**			Prep:E200.8 / 03-Sep-2025		Analyst: MSC
Aluminum	**606**		**0.800**	**10.0**	**ug/L**	1	04-Sep-2025 11:48
Antimony	U		0.530	5.00	ug/L	1	04-Sep-2025 11:48
Arsenic	**1.20**	J	**0.250**	**2.00**	**ug/L**	1	04-Sep-2025 11:48
Barium	**43.1**		**0.0840**	**4.00**	**ug/L**	1	04-Sep-2025 11:48
Beryllium	**0.134**	J	**0.0910**	**5.00**	**ug/L**	1	04-Sep-2025 11:48
Cadmium	**0.139**	J	**0.0770**	**2.00**	**ug/L**	1	04-Sep-2025 11:48
Chromium	**1.58**	J	**0.251**	**4.00**	**ug/L**	1	04-Sep-2025 11:48
Copper	**4.14**		**0.170**	**2.00**	**ug/L**	1	04-Sep-2025 11:48
Lead	**1.67**	J	**0.120**	**2.00**	**ug/L**	1	04-Sep-2025 11:48
Nickel	**1.58**	J	**0.110**	**2.00**	**ug/L**	1	04-Sep-2025 11:48
Selenium	U		0.860	2.00	ug/L	1	04-Sep-2025 11:48
Silver	U		0.0440	2.00	ug/L	1	04-Sep-2025 11:48
Thallium	U		0.250	2.00	ug/L	1	04-Sep-2025 11:48
Zinc	**62.0**		**1.00**	**4.00**	**ug/L**	1	04-Sep-2025 11:48
MERCURY BY E245.1, R3.0, 1994		**Method:E245.1**			Prep:E245.1 / 29-Aug-2025		Analyst: DH
Mercury	U		0.0000300	0.000200	mg/L	1	29-Aug-2025 13:00
OIL & GREASE BY E1664A		**Method:E1664A**					Analyst: MC
Oil and Grease	**1.90**	J	**0.610**	**2.00**	**mg/L**	1	05-Sep-2025 06:25
ANIONS BY E300.0, REV 2.1, 1993		**Method:E300**					Analyst: TH
Chloride	**68.2**		**0.200**	**0.500**	**mg/L**	1	21-Aug-2025 21:26
Fluoride	**0.307**		**0.0500**	**0.100**	**mg/L**	1	21-Aug-2025 21:26
Nitrogen, Nitrate (As N)	**0.629**		**0.0300**	**0.100**	**mg/L**	1	21-Aug-2025 21:26
Sulfate	**48.9**		**0.200**	**0.500**	**mg/L**	1	21-Aug-2025 21:26
PHOSPHORUS BY E365.3-1978		**Method:E365.3**			Prep:E365.3 / 26-Aug-2025		Analyst: SG
Phosphorus, Total (As P)	**0.235**		**0.0120**	**0.0500**	**mg/L**	1	26-Aug-2025 12:55
CHEMICAL OXYGEN DEMAND BY HACH 8000		**Method:Hach 8000**					Analyst: TH
Chemical Oxygen Demand	**23.0**		**5.00**	**15.0**	**mg/L**	1	26-Aug-2025 13:00
TOTAL DISSOLVED SOLIDS BY SM2540C		**Method:M2540C**					Analyst: HB
Total Dissolved Solids (Residue, Filterable)	**240**		**3.00**	**10.0**	**mg/L**	1	26-Aug-2025 09:00
TOTAL SUSPENDED SOLIDS BY SM 2540D		**Method:M2540D**					Analyst: HB
Suspended Solids (Residue, Non -Filterable)	**159**		**1.68**	**4.00**	**mg/L**	1	22-Aug-2025 07:30
ORGANIC NITROGEN BY SM4500-NH3D MINUS NH3F		**Method:M4500 NH3 D**					Analyst: HB
Nitrogen, Organic	U		0.50	0.50	mg/L	1	05-Sep-2025 14:37
TOTAL KJELDAHL NITROGEN BY SM4500 NH3 D		**Method:M4500 NH3 D**			Prep:M4500-N C / 04-Sep-2025		Analyst: MH
Nitrogen, Total Kjeldahl	**0.59**	J	**0.44**	**1.0**	**mg/L**	1	04-Sep-2025 16:00
CYANIDE BY SM 4500CN E&G		**Method:M4500CN EG**			Prep:M4500CN E&G / 27-Aug-2025		Analyst: SG
Cyanide	U		0.00200	0.00500	mg/L	1	27-Aug-2025 11:01

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 004
Collection Date: 20-Aug-2025 22:00

ANALYTICAL REPORT
WorkOrder:HS25081040
Lab ID:HS25081040-04
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED OXYGEN BY SM4500-O G		**Method:M4500-O G**					Analyst: OZ
Oxygen, Dissolved	**6.25**	H	**1.00**	**1.00**	**mg/L**	1	21-Aug-2025 16:29
AMMONIA AS N BY SM4500 NH3-D (ISE)		**Method:SM4500 NH3-D**					Analyst: MH
Nitrogen, Ammonia (as N)	**0.444**		**0.0300**	**0.200**	**mg/L**	1	22-Aug-2025 12:00
RESIDUAL CHLORINE BY SM4500CL F		**Method:SM4500CL F**					Analyst: MC
Chlorine	U	H	0.10	0.10	mg/L	1	26-Aug-2025 12:46
PH BY SM4500H+ B		**Method:SM4500H+ B**					Analyst: OZ
pH	**7.93**	H	**0.100**	**1.00**	**pH Units**	1	21-Aug-2025 19:30
Temp Deg C @pH	**21.7**	H	**0**	**0**	**°C**	1	21-Aug-2025 19:30
BIOCHEMICAL OXYGEN DEMAND (BOD) BY SM5210B		**Method:SM5210 B**			Prep:SM5210 B / 21-Aug-2025		Analyst: MH
Biochemical Oxygen Demand	**7.51**		**2.00**	**2.00**	**mg/L**	1	26-Aug-2025 17:19
CBOD BY SM5210B		**Method:SM5210 B**			Prep:SM5210 B / 21-Aug-2025		Analyst: TH
Carbonaceous Biochemical Oxygen Demand	**5.86**		**2.00**	**2.00**	**mg/L**	1	26-Aug-2025 17:15
TOTAL ORGANIC CARBON - SM5310B		**Method:SM5310B**					Analyst: DH
Organic Carbon, Total	**7.89**		**0.500**	**1.00**	**mg/L**	1	21-Aug-2025 21:27
HEXAVALENT CHROMIUM BY SW7196A		**Method:SW7196**					Analyst: MH
Chromium, Hexavalent	U		0.00480	0.0200	mg/L	2	21-Aug-2025 13:26
SUBCONTRACT ANALYSIS - FECAL COLIFORM		**Method:NA**					Analyst: SUB
Subcontract Analysis	See Attached		0			1	26-Aug-2025 12:27
SUBCONTRACTED ANALYSIS		**Method:NA**					Analyst: SUB
Miscellaneous Analysis	See Attached		0		NA	1	08-Sep-2025 11:33

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 005
Collection Date: 20-Aug-2025 23:00

ANALYTICAL REPORT
WorkOrder:HS25081040
Lab ID:HS25081040-05
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY EPA 624.1	**Method:E624.1**						Analyst: DP
1,1,1-Trichloroethane	U		0.24	1.0	ug/L	1	22-Aug-2025 15:53
1,1-Dichloroethene	U		0.22	1.0	ug/L	1	22-Aug-2025 15:53
1,2-Dibromoethane	U		0.30	2.0	ug/L	1	22-Aug-2025 15:53
1,2-Dichloroethane	U		0.41	2.0	ug/L	1	22-Aug-2025 15:53
1,4-Dichlorobenzene	U		0.35	2.0	ug/L	1	22-Aug-2025 15:53
2-Butanone	**2.7**	J	**1.5**	**10**	**ug/L**	1	22-Aug-2025 15:53
Benzene	U		0.28	1.0	ug/L	1	22-Aug-2025 15:53
Carbon Tetrachloride	U		0.34	2.0	ug/L	1	22-Aug-2025 15:53
Chlorobenzene	U		0.36	2.0	ug/L	1	22-Aug-2025 15:53
Chloroform	U		0.32	2.0	ug/L	1	22-Aug-2025 15:53
Dibromochloromethane	U		0.39	2.0	ug/L	1	22-Aug-2025 15:53
Hexachlorobutadiene	U		2.5	10	ug/L	1	22-Aug-2025 15:53
Tetrachloroethene	U		0.30	2.0	ug/L	1	22-Aug-2025 15:53
Total Trihalomethanes (TTHMs)	U		1.6	5.0	ug/L	1	22-Aug-2025 15:53
Trichloroethene	U		0.35	2.0	ug/L	1	22-Aug-2025 15:53
Vinyl Chloride	U		0.23	1.0	ug/L	1	22-Aug-2025 15:53
Surr: 1,2-Dichloroethane-d4	*112*			*60-140*	*%REC*	*1*	*22-Aug-2025 15:53*
Surr: 4-Bromofluorobenzene	*106*			*60-140*	*%REC*	*1*	*22-Aug-2025 15:53*
Surr: Dibromofluoromethane	*102*			*80-120*	*%REC*	*1*	*22-Aug-2025 15:53*
Surr: Toluene-d8	*103*			*60-140*	*%REC*	*1*	*22-Aug-2025 15:53*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 005
Collection Date: 20-Aug-2025 23:00

ANALYTICAL REPORT
WorkOrder:HS25081040
Lab ID:HS25081040-05
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
SEMIVOLATILES BY E625.1		**Method:E625.1**			Prep:E625 / 22-Aug-2025		Analyst: GEY
1,2,4,5-Tetrachlorobenzene	U		0.067	0.20	ug/L	1	25-Aug-2025 17:40
2,4,5-Trichlorophenol	U		0.057	0.20	ug/L	1	25-Aug-2025 17:40
2-Methylphenol	U		0.033	0.20	ug/L	1	25-Aug-2025 17:40
3&4-Methylphenol	U		0.044	0.40	ug/L	1	25-Aug-2025 17:40
4,6-Dinitro-2-methylphenol	U		0.37	1.0	ug/L	1	25-Aug-2025 17:40
4-Chloro-3-methylphenol	U		0.073	0.20	ug/L	1	25-Aug-2025 17:40
Benz(a)anthracene	U		0.013	0.10	ug/L	1	25-Aug-2025 17:40
Benzidine	U		0.018	0.20	ug/L	1	25-Aug-2025 17:40
Benzo(a)pyrene	U		0.070	0.10	ug/L	1	25-Aug-2025 17:40
Chrysene	U		0.034	0.10	ug/L	1	25-Aug-2025 17:40
Hexachlorobenzene	U		0.090	0.20	ug/L	1	25-Aug-2025 17:40
Hexachloroethane	U		0.045	0.20	ug/L	1	25-Aug-2025 17:40
N-Nitroso-di-n-butylamine	U		0.12	0.20	ug/L	1	25-Aug-2025 17:40
N-Nitrosodiethylamine	U		0.047	0.20	ug/L	1	25-Aug-2025 17:40
Nitrobenzene	U		0.068	0.20	ug/L	1	25-Aug-2025 17:40
Pentachlorobenzene	U		0.035	0.20	ug/L	1	25-Aug-2025 17:40
Pentachlorophenol	U		0.16	0.20	ug/L	1	25-Aug-2025 17:40
Phenanthrene	U		0.038	0.10	ug/L	1	25-Aug-2025 17:40
Pyridine	U		0.088	0.10	ug/L	1	25-Aug-2025 17:40
Surr: 2,4,6-Tribromophenol	*74.2*			*34-129*	*%REC*	*1*	*25-Aug-2025 17:40*
Surr: 2-Fluorobiphenyl	*46.1*			*40-125*	*%REC*	*1*	*25-Aug-2025 17:40*
Surr: 2-Fluorophenol	*52.6*			*20-120*	*%REC*	*1*	*25-Aug-2025 17:40*
Surr: 4-Terphenyl-d14	*50.1*			*40-135*	*%REC*	*1*	*25-Aug-2025 17:40*
Surr: Nitrobenzene-d5	*41.6*			*41-120*	*%REC*	*1*	*25-Aug-2025 17:40*
Surr: Phenol-d6	*54.5*			*20-120*	*%REC*	*1*	*25-Aug-2025 17:40*
MISC. GCFID PARAMETERS BY SW8015C		**Method:SW8015**					Analyst: RG
Ethylene Glycol	U		0.13	2.0	mg/L	1	21-Aug-2025 15:48
CHLORINATED PEST/PCBS BY E608		**Method:E608**			Prep:E608 / 22-Aug-2025		Analyst: CC
Aroclor 1016	U		0.200	0.500	ug/L	1	22-Aug-2025 23:59
Aroclor 1221	U		0.200	0.500	ug/L	1	22-Aug-2025 23:59
Aroclor 1232	U		0.200	0.500	ug/L	1	22-Aug-2025 23:59
Aroclor 1242	U		0.200	0.500	ug/L	1	22-Aug-2025 23:59
Aroclor 1248	U		0.200	0.500	ug/L	1	22-Aug-2025 23:59
Aroclor 1254	U		0.200	0.500	ug/L	1	22-Aug-2025 23:59
Aroclor 1260	U		0.200	0.500	ug/L	1	22-Aug-2025 23:59
Surr: Decachlorobiphenyl	*99.1*			*61-154*	*%REC*	*1*	*22-Aug-2025 23:59*
Surr: Tetrachlor-m-xylene	*92.4*			*60-144*	*%REC*	*1*	*22-Aug-2025 23:59*
TRIVALENT CHROMIUM		**Method:Calculation**					Analyst: MSC
Chromium, Trivalent	U	n	0.0100	0.0100	mg/L	1	05-Sep-2025 09:52

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 005
Collection Date: 20-Aug-2025 23:00

ANALYTICAL REPORT
WorkOrder:HS25081040
Lab ID:HS25081040-05
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
TOTAL METALS BY E200.8, REV 5.4, 1994		**Method:E200.8**			Prep:E200.8 / 03-Sep-2025		Analyst: MSC
Aluminum	**858**		**0.800**	**10.0**	**ug/L**	1	04-Sep-2025 11:50
Antimony	U		0.530	5.00	ug/L	1	04-Sep-2025 11:50
Arsenic	**1.29**	J	**0.250**	**2.00**	**ug/L**	1	04-Sep-2025 11:50
Barium	**55.3**		**0.0840**	**4.00**	**ug/L**	1	04-Sep-2025 11:50
Beryllium	**0.242**	J	**0.0910**	**5.00**	**ug/L**	1	04-Sep-2025 11:50
Cadmium	**0.267**	J	**0.0770**	**2.00**	**ug/L**	1	04-Sep-2025 11:50
Chromium	**2.45**	J	**0.251**	**4.00**	**ug/L**	1	04-Sep-2025 11:50
Copper	**6.02**		**0.170**	**2.00**	**ug/L**	1	04-Sep-2025 11:50
Lead	**2.88**		**0.120**	**2.00**	**ug/L**	1	04-Sep-2025 11:50
Nickel	**2.23**		**0.110**	**2.00**	**ug/L**	1	04-Sep-2025 11:50
Selenium	U		0.860	2.00	ug/L	1	04-Sep-2025 11:50
Silver	U		0.0440	2.00	ug/L	1	04-Sep-2025 11:50
Thallium	U		0.250	2.00	ug/L	1	04-Sep-2025 11:50
Zinc	**94.8**		**1.00**	**4.00**	**ug/L**	1	04-Sep-2025 11:50
MERCURY BY E245.1, R3.0, 1994		**Method:E245.1**			Prep:E245.1 / 29-Aug-2025		Analyst: DH
Mercury	U		0.0000300	0.000200	mg/L	1	29-Aug-2025 13:02
OIL & GREASE BY E1664A		**Method:E1664A**					Analyst: MC
Oil and Grease	**4.76**		**0.610**	**2.00**	**mg/L**	1	05-Sep-2025 06:25
ANIONS BY E300.0, REV 2.1, 1993		**Method:E300**					Analyst: TH
Chloride	**67.9**		**0.200**	**0.500**	**mg/L**	1	21-Aug-2025 21:38
Fluoride	**0.273**		**0.0500**	**0.100**	**mg/L**	1	21-Aug-2025 21:38
Nitrogen, Nitrate (As N)	**0.627**		**0.0300**	**0.100**	**mg/L**	1	21-Aug-2025 21:38
Sulfate	**49.0**		**0.200**	**0.500**	**mg/L**	1	21-Aug-2025 21:38
PHOSPHORUS BY E365.3-1978		**Method:E365.3**			Prep:E365.3 / 26-Aug-2025		Analyst: SG
Phosphorus, Total (As P)	**0.293**		**0.0120**	**0.0500**	**mg/L**	1	26-Aug-2025 12:55
CHEMICAL OXYGEN DEMAND BY HACH 8000		**Method:Hach 8000**					Analyst: TH
Chemical Oxygen Demand	**20.0**		**5.00**	**15.0**	**mg/L**	1	26-Aug-2025 13:00
TOTAL DISSOLVED SOLIDS BY SM2540C		**Method:M2540C**					Analyst: HB
Total Dissolved Solids (Residue, Filterable)	**224**		**3.00**	**10.0**	**mg/L**	1	26-Aug-2025 09:00
TOTAL SUSPENDED SOLIDS BY SM 2540D		**Method:M2540D**					Analyst: HB
Suspended Solids (Residue, Non -Filterable)	**184**		**1.68**	**4.00**	**mg/L**	1	22-Aug-2025 07:30
ORGANIC NITROGEN BY SM4500-NH3D MINUS NH3F		**Method:M4500 NH3 D**					Analyst: HB
Nitrogen, Organic	**0.53**		**0.50**	**0.50**	**mg/L**	1	05-Sep-2025 14:37
TOTAL KJELDAHL NITROGEN BY SM4500 NH3 D		**Method:M4500 NH3 D**			Prep:M4500-N C / 04-Sep-2025		Analyst: MH
Nitrogen, Total Kjeldahl	**0.84**	J	**0.44**	**1.0**	**mg/L**	1	04-Sep-2025 16:00
CYANIDE BY SM 4500CN E&G		**Method:M4500CN EG**			Prep:M4500CN E&G / 27-Aug-2025		Analyst: SG
Cyanide	U		0.00200	0.00500	mg/L	1	27-Aug-2025 11:01

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 005
Collection Date: 20-Aug-2025 23:00

ANALYTICAL REPORT
WorkOrder:HS25081040
Lab ID:HS25081040-05
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED OXYGEN BY SM4500-O G		**Method:M4500-O G**					Analyst: OZ
Oxygen, Dissolved	**6.35**	H	**1.00**	**1.00**	**mg/L**	1	21-Aug-2025 16:29
AMMONIA AS N BY SM4500 NH3-D (ISE)		**Method:SM4500 NH3-D**					Analyst: MH
Nitrogen, Ammonia (as N)	**0.306**		**0.0300**	**0.200**	**mg/L**	1	22-Aug-2025 12:00
RESIDUAL CHLORINE BY SM4500CL F		**Method:SM4500CL F**					Analyst: MC
Chlorine	**0.10**	H	**0.10**	**0.10**	**mg/L**	1	26-Aug-2025 12:46
PH BY SM4500H+ B		**Method:SM4500H+ B**					Analyst: OZ
pH	**7.93**	H	**0.100**	**1.00**	**pH Units**	1	21-Aug-2025 19:30
Temp Deg C @pH	**21.8**	H	**0**	**0**	**°C**	1	21-Aug-2025 19:30
BIOCHEMICAL OXYGEN DEMAND (BOD) BY SM5210B		**Method:SM5210 B**			Prep:SM5210 B / 21-Aug-2025		Analyst: MH
Biochemical Oxygen Demand	**5.44**		**2.00**	**2.00**	**mg/L**	1	26-Aug-2025 17:19
CBOD BY SM5210B		**Method:SM5210 B**			Prep:SM5210 B / 21-Aug-2025		Analyst: TH
Carbonaceous Biochemical Oxygen Demand	**4.97**		**2.00**	**2.00**	**mg/L**	1	26-Aug-2025 17:15
TOTAL ORGANIC CARBON - SM5310B		**Method:SM5310B**					Analyst: DH
Organic Carbon, Total	**9.00**		**0.500**	**1.00**	**mg/L**	1	21-Aug-2025 21:38
HEXAVALENT CHROMIUM BY SW7196A		**Method:SW7196**					Analyst: MH
Chromium, Hexavalent	U		0.00480	0.0200	mg/L	2	21-Aug-2025 13:26
SUBCONTRACT ANALYSIS - FECAL COLIFORM		**Method:NA**					Analyst: SUB
Subcontract Analysis	See Attached		0			1	26-Aug-2025 12:27
SUBCONTRACTED ANALYSIS		**Method:NA**					Analyst: SUB
Miscellaneous Analysis	See Attached		0		NA	1	08-Sep-2025 11:33

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Weight / Prep Log

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25081040

Batch ID: 232005 **Start Date:** 21 Aug 2025 13:30 **End Date:** 21 Aug 2025 13:30
Method: WETCHEMPREP, BOD **Prep Code:** BOD_PR 5210B

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS25081040-01		300 (mL)	300 (mL)	1	1-L plastic, Neat
HS25081040-02		300 (mL)	300 (mL)	1	1-L plastic, Neat
HS25081040-03		300 (mL)	300 (mL)	1	1-L plastic, Neat
HS25081040-04		300 (mL)	300 (mL)	1	1-L plastic, Neat
HS25081040-05		300 (mL)	300 (mL)	1	1-L plastic, Neat

Batch ID: 232006 **Start Date:** 21 Aug 2025 16:30 **End Date:** 21 Aug 2025 16:30
Method: CBOD PREP **Prep Code:** CBOD_PR

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS25081040-01		300 (mL)	300 (mL)	1	1-L plastic, Neat
HS25081040-02		300 (mL)	300 (mL)	1	1-L plastic, Neat
HS25081040-03		300 (mL)	300 (mL)	1	1-L plastic, Neat
HS25081040-04		300 (mL)	300 (mL)	1	1-L plastic, Neat
HS25081040-05		300 (mL)	300 (mL)	1	1-L plastic, Neat

Batch ID: 232031 **Start Date:** 22 Aug 2025 11:50 **End Date:** 22 Aug 2025 11:50
Method: 625 AQ SEP FUNNEL EXTRACT - LOW LEVEL **Prep Code:** 625PRF_LL

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS25081040-01	1	1000 (mL)	1 (mL)	0.001	1-liter amber glass, Neat
HS25081040-02	1	1000 (mL)	1 (mL)	0.001	1-liter amber glass, Neat
HS25081040-03	1	1000 (mL)	1 (mL)	0.001	1-liter amber glass, Neat
HS25081040-04	1	1000 (mL)	1 (mL)	0.001	1-liter amber glass, Neat
HS25081040-05	1	1000 (mL)	1 (mL)	0.001	1-liter amber glass, Neat

Batch ID: 232043 **Start Date:** 22 Aug 2025 12:52 **End Date:** 22 Aug 2025 12:52
Method: AQPREP SEP FUNNEL: PEST/PCB **Prep Code:** 608PR

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS25081040-01	1	1000 (mL)	10 (mL)	0.01	1-liter amber glass, Neat
HS25081040-02	1	1000 (mL)	10 (mL)	0.01	1-liter amber glass, Neat
HS25081040-03	1	1000 (mL)	10 (mL)	0.01	1-liter amber glass, Neat
HS25081040-04	1	1000 (mL)	10 (mL)	0.01	1-liter amber glass, Neat
HS25081040-05	1	1000 (mL)	10 (mL)	0.01	1-liter amber glass, Neat

Batch ID: 232110 **Start Date:** 25 Aug 2025 06:20 **End Date:** 25 Aug 2025 06:20
Method: CYANIDE PREP - SM4500CN **Prep Code:** CN_TW4500_PR

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS25081040-01		50 (mL)	50 (mL)	1	250 mL plastic, NaOH/ASE
HS25081040-02		50 (mL)	50 (mL)	1	250 mL plastic, NaOH/ASE

RIGHT SOLUTIONS | RIGHT PARTNER

Weight / Prep Log

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25081040

Batch ID: 232147 **Start Date:** 26 Aug 2025 07:20 **End Date:** 26 Aug 2025 07:20
Method: PHOSPHOROUS **Prep Code:** P_TW_PR

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS25081040-01		50 (mg/L)	50 (mL)	1	500 mL plastic, H2SO4 to pH <2
HS25081040-02		50 (mg/L)	50 (mL)	1	500 mL plastic, H2SO4 to pH <2
HS25081040-03		50 (mg/L)	50 (mL)	1	500 mL plastic, H2SO4 to pH <2
HS25081040-04		50 (mg/L)	50 (mL)	1	500 mL plastic, H2SO4 to pH <2
HS25081040-05		50 (mg/L)	50 (mL)	1	500 mL plastic, H2SO4 to pH <2

Batch ID: 232216 **Start Date:** 27 Aug 2025 06:30 **End Date:** 27 Aug 2025 06:30
Method: CYANIDE PREP - SM4500CN **Prep Code:** CN_TW4500_PR

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS25081040-03		50 (mL)	50 (mL)	1	250 mL plastic, NaOH/ASE
HS25081040-04		50 (mL)	50 (mL)	1	250 mL plastic, NaOH/ASE
HS25081040-05		50 (mL)	50 (mL)	1	250 mL plastic, NaOH/ASE

Batch ID: 232328 **Start Date:** 29 Aug 2025 07:00 **End Date:** 29 Aug 2025 07:00
Method: MERCURY PREP - WATER **Prep Code:** HG_WW_245PR

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS25081040-01		10 (mL)	10 (mL)	1	120 plastic HNO3
HS25081040-02		10 (mL)	10 (mL)	1	120 plastic HNO3
HS25081040-03		10 (mL)	10 (mL)	1	120 plastic HNO3
HS25081040-04		10 (mL)	10 (mL)	1	120 plastic HNO3
HS25081040-05		10 (mL)	10 (mL)	1	120 plastic HNO3

Batch ID: 232484 **Start Date:** 03 Sep 2025 14:00 **End Date:** 03 Sep 2025 14:00
Method: TOTAL METALS PREP BY E200.8, REV 5.4, 1994 **Prep Code:** 200.8PR

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS25081040-01		10 (mL)	10 (mL)	1	120 plastic HNO3
HS25081040-02		10 (mL)	10 (mL)	1	120 plastic HNO3
HS25081040-03		10 (mL)	10 (mL)	1	120 plastic HNO3
HS25081040-04		10 (mL)	10 (mL)	1	120 plastic HNO3
HS25081040-05		10 (mL)	10 (mL)	1	120 plastic HNO3

Batch ID: 232540 **Start Date:** 04 Sep 2025 10:00 **End Date:** 04 Sep 2025 10:00
Method: TKN WATER - PREP **Prep Code:** TKN_W_PR

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS25081040-01		25 (mL)	50 (mL)	2	500 mL plastic, H2SO4 to pH <2
HS25081040-02		25 (mL)	50 (mL)	2	500 mL plastic, H2SO4 to pH <2
HS25081040-03		25 (mL)	50 (mL)	2	500 mL plastic, H2SO4 to pH <2
HS25081040-04		25 (mL)	50 (mL)	2	500 mL plastic, H2SO4 to pH <2
HS25081040-05		25 (mL)	50 (mL)	2	500 mL plastic, H2SO4 to pH <2

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25081040

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 232005 (0)	**Test Name :** BIOCHEMICAL OXYGEN DEMAND (BOD) BY SM5210B				**Matrix:** Water	
HS25081040-01	001	20 Aug 2025 19:00		21 Aug 2025 13:30	26 Aug 2025 17:19	1
HS25081040-02	002	20 Aug 2025 20:00		21 Aug 2025 13:30	26 Aug 2025 17:19	1
HS25081040-03	003	20 Aug 2025 21:00		21 Aug 2025 13:30	26 Aug 2025 17:19	1
HS25081040-04	004	20 Aug 2025 22:00		21 Aug 2025 13:30	26 Aug 2025 17:19	1
HS25081040-05	005	20 Aug 2025 23:00		21 Aug 2025 13:30	26 Aug 2025 17:19	1
Batch ID: 232006 (0)	**Test Name :** CBOD BY SM5210B				**Matrix:** Water	
HS25081040-01	001	20 Aug 2025 19:00		21 Aug 2025 16:30	26 Aug 2025 17:15	1
HS25081040-02	002	20 Aug 2025 20:00		21 Aug 2025 16:30	26 Aug 2025 17:15	1
HS25081040-03	003	20 Aug 2025 21:00		21 Aug 2025 16:30	26 Aug 2025 17:15	1
HS25081040-04	004	20 Aug 2025 22:00		21 Aug 2025 16:30	26 Aug 2025 17:15	1
HS25081040-05	005	20 Aug 2025 23:00		21 Aug 2025 16:30	26 Aug 2025 17:15	1
Batch ID: 232031 (0)	**Test Name :** SEMIVOLATILES BY E625.1				**Matrix:** Water	
HS25081040-01	001	20 Aug 2025 19:00		22 Aug 2025 11:50	25 Aug 2025 16:02	1
HS25081040-02	002	20 Aug 2025 20:00		22 Aug 2025 11:50	25 Aug 2025 16:27	1
HS25081040-03	003	20 Aug 2025 21:00		22 Aug 2025 11:50	25 Aug 2025 16:51	1
HS25081040-04	004	20 Aug 2025 22:00		22 Aug 2025 11:50	25 Aug 2025 17:15	1
HS25081040-05	005	20 Aug 2025 23:00		22 Aug 2025 11:50	25 Aug 2025 17:40	1
Batch ID: 232043 (0)	**Test Name :** CHLORINATED PEST/PCBS BY E608				**Matrix:** Water	
HS25081040-01	001	20 Aug 2025 19:00		22 Aug 2025 12:52	22 Aug 2025 23:16	1
HS25081040-02	002	20 Aug 2025 20:00		22 Aug 2025 12:52	22 Aug 2025 23:27	1
HS25081040-03	003	20 Aug 2025 21:00		22 Aug 2025 12:52	22 Aug 2025 23:38	1
HS25081040-04	004	20 Aug 2025 22:00		22 Aug 2025 12:52	22 Aug 2025 23:49	1
HS25081040-05	005	20 Aug 2025 23:00		22 Aug 2025 12:52	22 Aug 2025 23:59	1
Batch ID: 232110 (0)	**Test Name :** CYANIDE BY SM 4500CN E&G				**Matrix:** Water	
HS25081040-01	001	20 Aug 2025 19:00		25 Aug 2025 06:20	25 Aug 2025 11:22	1
HS25081040-02	002	20 Aug 2025 20:00		25 Aug 2025 06:20	25 Aug 2025 11:22	1
Batch ID: 232147 (0)	**Test Name :** PHOSPHORUS BY E365.3-1978				**Matrix:** Water	
HS25081040-01	001	20 Aug 2025 19:00		26 Aug 2025 07:20	26 Aug 2025 12:55	1
HS25081040-02	002	20 Aug 2025 20:00		26 Aug 2025 07:20	26 Aug 2025 12:55	1
HS25081040-03	003	20 Aug 2025 21:00		26 Aug 2025 07:20	26 Aug 2025 12:55	1
HS25081040-04	004	20 Aug 2025 22:00		26 Aug 2025 07:20	26 Aug 2025 12:55	1
HS25081040-05	005	20 Aug 2025 23:00		26 Aug 2025 07:20	26 Aug 2025 12:55	1
Batch ID: 232216 (0)	**Test Name :** CYANIDE BY SM 4500CN E&G				**Matrix:** Water	
HS25081040-03	003	20 Aug 2025 21:00		27 Aug 2025 06:30	27 Aug 2025 11:01	1
HS25081040-04	004	20 Aug 2025 22:00		27 Aug 2025 06:30	27 Aug 2025 11:01	1
HS25081040-05	005	20 Aug 2025 23:00		27 Aug 2025 06:30	27 Aug 2025 11:01	1

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25081040

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 232328 (0)	**Test Name :** MERCURY BY E245.1, R3.0, 1994				**Matrix:** Water	
HS25081040-01	001	20 Aug 2025 19:00		29 Aug 2025 07:00	29 Aug 2025 12:55	1
HS25081040-02	002	20 Aug 2025 20:00		29 Aug 2025 07:00	29 Aug 2025 12:57	1
HS25081040-03	003	20 Aug 2025 21:00		29 Aug 2025 07:00	29 Aug 2025 12:59	1
HS25081040-04	004	20 Aug 2025 22:00		29 Aug 2025 07:00	29 Aug 2025 13:00	1
HS25081040-05	005	20 Aug 2025 23:00		29 Aug 2025 07:00	29 Aug 2025 13:02	1
Batch ID: 232484 (0)	**Test Name :** TOTAL METALS BY E200.8, REV 5.4, 1994				**Matrix:** Water	
HS25081040-01	001	20 Aug 2025 19:00		03 Sep 2025 14:00	04 Sep 2025 11:34	1
HS25081040-02	002	20 Aug 2025 20:00		03 Sep 2025 14:00	04 Sep 2025 11:43	1
HS25081040-03	003	20 Aug 2025 21:00		03 Sep 2025 14:00	04 Sep 2025 11:45	1
HS25081040-04	004	20 Aug 2025 22:00		03 Sep 2025 14:00	04 Sep 2025 11:48	1
HS25081040-05	005	20 Aug 2025 23:00		03 Sep 2025 14:00	04 Sep 2025 11:50	1
Batch ID: 232540 (0)	**Test Name :** TOTAL KJELDAHL NITROGEN BY SM4500 NH3 D				**Matrix:** Water	
HS25081040-01	001	20 Aug 2025 19:00		04 Sep 2025 10:00	04 Sep 2025 16:00	1
HS25081040-02	002	20 Aug 2025 20:00		04 Sep 2025 10:00	04 Sep 2025 16:00	1
HS25081040-03	003	20 Aug 2025 21:00		04 Sep 2025 10:00	04 Sep 2025 16:00	1
HS25081040-04	004	20 Aug 2025 22:00		04 Sep 2025 10:00	04 Sep 2025 16:00	1
HS25081040-05	005	20 Aug 2025 23:00		04 Sep 2025 10:00	04 Sep 2025 16:00	1
Batch ID: R520208 (0)	**Test Name :** HEXAVALENT CHROMIUM BY SW7196A				**Matrix:** Water	
HS25081040-01	001	20 Aug 2025 19:00			21 Aug 2025 13:26	2
HS25081040-02	002	20 Aug 2025 20:00			21 Aug 2025 13:26	2
HS25081040-03	003	20 Aug 2025 21:00			21 Aug 2025 13:26	2
HS25081040-04	004	20 Aug 2025 22:00			21 Aug 2025 13:26	2
HS25081040-05	005	20 Aug 2025 23:00			21 Aug 2025 13:26	2
Batch ID: R520232 (0)	**Test Name :** DISSOLVED OXYGEN BY SM4500-O G				**Matrix:** Water	
HS25081040-01	001	20 Aug 2025 19:00			21 Aug 2025 16:29	1
HS25081040-02	002	20 Aug 2025 20:00			21 Aug 2025 16:29	1
HS25081040-03	003	20 Aug 2025 21:00			21 Aug 2025 16:29	1
HS25081040-04	004	20 Aug 2025 22:00			21 Aug 2025 16:29	1
HS25081040-05	005	20 Aug 2025 23:00			21 Aug 2025 16:29	1
Batch ID: R520238 (0)	**Test Name :** PH BY SM4500H+ B				**Matrix:** Water	
HS25081040-01	001	20 Aug 2025 19:00			21 Aug 2025 19:30	1
HS25081040-02	002	20 Aug 2025 20:00			21 Aug 2025 19:30	1
HS25081040-03	003	20 Aug 2025 21:00			21 Aug 2025 19:30	1
HS25081040-04	004	20 Aug 2025 22:00			21 Aug 2025 19:30	1
HS25081040-05	005	20 Aug 2025 23:00			21 Aug 2025 19:30	1

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25081040

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: R520240 (0)	**Test Name :** TOTAL ORGANIC CARBON - SM5310B				**Matrix:** Water	
HS25081040-01	001	20 Aug 2025 19:00			21 Aug 2025 20:54	1
HS25081040-02	002	20 Aug 2025 20:00			21 Aug 2025 21:05	1
HS25081040-03	003	20 Aug 2025 21:00			21 Aug 2025 21:15	1
HS25081040-04	004	20 Aug 2025 22:00			21 Aug 2025 21:27	1
HS25081040-05	005	20 Aug 2025 23:00			21 Aug 2025 21:38	1
Batch ID: R520266 (0)	**Test Name :** MISC. GCFID PARAMETERS BY SW8015C				**Matrix:** Water	
HS25081040-01	001	20 Aug 2025 19:00			21 Aug 2025 14:43	1
HS25081040-02	002	20 Aug 2025 20:00			21 Aug 2025 14:59	1
HS25081040-03	003	20 Aug 2025 21:00			21 Aug 2025 15:16	1
HS25081040-04	004	20 Aug 2025 22:00			21 Aug 2025 15:32	1
HS25081040-05	005	20 Aug 2025 23:00			21 Aug 2025 15:48	1
Batch ID: R520268 (0)	**Test Name :** ANIONS BY E300.0, REV 2.1, 1993				**Matrix:** Water	
HS25081040-01	001	20 Aug 2025 19:00			21 Aug 2025 20:16	1
HS25081040-02	002	20 Aug 2025 20:00			21 Aug 2025 21:03	1
HS25081040-03	003	20 Aug 2025 21:00			21 Aug 2025 21:14	1
HS25081040-04	004	20 Aug 2025 22:00			21 Aug 2025 21:26	1
HS25081040-05	005	20 Aug 2025 23:00			21 Aug 2025 21:38	1
Batch ID: R520278 (0)	**Test Name :** TOTAL SUSPENDED SOLIDS BY SM 2540D				**Matrix:** Water	
HS25081040-01	001	20 Aug 2025 19:00			22 Aug 2025 07:30	1
HS25081040-02	002	20 Aug 2025 20:00			22 Aug 2025 07:30	1
HS25081040-03	003	20 Aug 2025 21:00			22 Aug 2025 07:30	1
HS25081040-04	004	20 Aug 2025 22:00			22 Aug 2025 07:30	1
HS25081040-05	005	20 Aug 2025 23:00			22 Aug 2025 07:30	1
Batch ID: R520293 (0)	**Test Name :** AMMONIA AS N BY SM4500 NH3-D (ISE)				**Matrix:** Water	
HS25081040-01	001	20 Aug 2025 19:00			22 Aug 2025 12:00	1
HS25081040-02	002	20 Aug 2025 20:00			22 Aug 2025 12:00	1
HS25081040-03	003	20 Aug 2025 21:00			22 Aug 2025 12:00	1
HS25081040-04	004	20 Aug 2025 22:00			22 Aug 2025 12:00	1
HS25081040-05	005	20 Aug 2025 23:00			22 Aug 2025 12:00	1
Batch ID: R520398 (0)	**Test Name :** VOLATILES BY EPA 624.1				**Matrix:** Water	
HS25081040-01	001	20 Aug 2025 19:00			22 Aug 2025 14:25	1
HS25081040-02	002	20 Aug 2025 20:00			22 Aug 2025 14:47	1
HS25081040-03	003	20 Aug 2025 21:00			22 Aug 2025 15:09	1
HS25081040-04	004	20 Aug 2025 22:00			22 Aug 2025 15:31	1
HS25081040-05	005	20 Aug 2025 23:00			22 Aug 2025 15:53	1

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25081040

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: R520498 (0)	**Test Name :** SUBCONTRACT ANALYSIS - FECAL COLIFORM				**Matrix:** Water	
HS25081040-01	001	20 Aug 2025 19:00			26 Aug 2025 12:27	1
HS25081040-02	002	20 Aug 2025 20:00			26 Aug 2025 12:27	1
HS25081040-03	003	20 Aug 2025 21:00			26 Aug 2025 12:27	1
HS25081040-04	004	20 Aug 2025 22:00			26 Aug 2025 12:27	1
HS25081040-05	005	20 Aug 2025 23:00			26 Aug 2025 12:27	1
Batch ID: R520510 (0)	**Test Name :** RESIDUAL CHLORINE BY SM4500CL F				**Matrix:** Water	
HS25081040-01	001	20 Aug 2025 19:00			26 Aug 2025 12:46	1
HS25081040-02	002	20 Aug 2025 20:00			26 Aug 2025 12:46	1
HS25081040-03	003	20 Aug 2025 21:00			26 Aug 2025 12:46	1
HS25081040-04	004	20 Aug 2025 22:00			26 Aug 2025 12:46	1
HS25081040-05	005	20 Aug 2025 23:00			26 Aug 2025 12:46	1
Batch ID: R520521 (0)	**Test Name :** CHEMICAL OXYGEN DEMAND BY HACH 8000				**Matrix:** Water	
HS25081040-01	001	20 Aug 2025 19:00			26 Aug 2025 13:00	1
HS25081040-02	002	20 Aug 2025 20:00			26 Aug 2025 13:00	1
HS25081040-03	003	20 Aug 2025 21:00			26 Aug 2025 13:00	1
HS25081040-04	004	20 Aug 2025 22:00			26 Aug 2025 13:00	1
HS25081040-05	005	20 Aug 2025 23:00			26 Aug 2025 13:00	1
Batch ID: R520522 (0)	**Test Name :** TOTAL DISSOLVED SOLIDS BY SM2540C				**Matrix:** Water	
HS25081040-01	001	20 Aug 2025 19:00			26 Aug 2025 09:00	1
HS25081040-02	002	20 Aug 2025 20:00			26 Aug 2025 09:00	1
HS25081040-03	003	20 Aug 2025 21:00			26 Aug 2025 09:00	1
HS25081040-04	004	20 Aug 2025 22:00			26 Aug 2025 09:00	1
HS25081040-05	005	20 Aug 2025 23:00			26 Aug 2025 09:00	1
Batch ID: R521179 (0)	**Test Name :** TRIVALENT CHROMIUM				**Matrix:** Water	
HS25081040-01	001	20 Aug 2025 19:00			05 Sep 2025 09:52	1
HS25081040-02	002	20 Aug 2025 20:00			05 Sep 2025 09:52	1
HS25081040-03	003	20 Aug 2025 21:00			05 Sep 2025 09:52	1
HS25081040-04	004	20 Aug 2025 22:00			05 Sep 2025 09:52	1
HS25081040-05	005	20 Aug 2025 23:00			05 Sep 2025 09:52	1
Batch ID: R521203 (0)	**Test Name :** OIL & GREASE BY E1664A				**Matrix:** Water	
HS25081040-01	001	20 Aug 2025 19:00			05 Sep 2025 06:25	1
HS25081040-02	002	20 Aug 2025 20:00			05 Sep 2025 06:25	1
HS25081040-03	003	20 Aug 2025 21:00			05 Sep 2025 06:25	1
HS25081040-04	004	20 Aug 2025 22:00			05 Sep 2025 06:25	1
HS25081040-05	005	20 Aug 2025 23:00			05 Sep 2025 06:25	1

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25081040

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: R521223 (0)	**Test Name :** ORGANIC NITROGEN BY SM4500-NH3D MINUS NH3F				**Matrix:** Water	
HS25081040-01	001	20 Aug 2025 19:00			05 Sep 2025 14:37	1
HS25081040-02	002	20 Aug 2025 20:00			05 Sep 2025 14:37	1
HS25081040-03	003	20 Aug 2025 21:00			05 Sep 2025 14:37	1
HS25081040-04	004	20 Aug 2025 22:00			05 Sep 2025 14:37	1
HS25081040-05	005	20 Aug 2025 23:00			05 Sep 2025 14:37	1
Batch ID: R521272 (0)	**Test Name :** SUBCONTRACTED ANALYSIS				**Matrix:** Water	
HS25081040-01	001	20 Aug 2025 19:00			08 Sep 2025 11:33	1
HS25081040-02	002	20 Aug 2025 20:00			08 Sep 2025 11:33	1
HS25081040-03	003	20 Aug 2025 21:00			08 Sep 2025 11:33	1
HS25081040-04	004	20 Aug 2025 22:00			08 Sep 2025 11:33	1
HS25081040-05	005	20 Aug 2025 23:00			08 Sep 2025 11:33	1

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25081040

QC BATCH REPORT

Batch ID: 232043 (0) **Instrument: ECD_17** **Method: CHLORINATED PEST/PCBS BY E608**

MBLK Sample ID: **MBLK-232043** Units: **ug/L** Analysis Date: **23-Aug-2025 00:54**
Client ID: Run ID: **ECD_17_520466** SeqNo: **9003204** PrepDate: **22-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	U	0.500								
Aroclor 1221	U	0.500								
Aroclor 1232	U	0.500								
Aroclor 1242	U	0.500								
Aroclor 1248	U	0.500								
Aroclor 1254	U	0.500								
Aroclor 1260	U	0.500								
Surr: Decachlorobiphenyl	*0.2086*	*0.100*	*0.2*	*0*	*104*	*61 - 154*				
Surr: Tetrachlor-m-xylene	*0.1874*	*0.0500*	*0.2*	*0*	*93.7*	*60 - 144*				

LCS Sample ID: **LCS1-232043** Units: **ug/L** Analysis Date: **23-Aug-2025 00:32**
Client ID: Run ID: **ECD_17_520466** SeqNo: **9003202** PrepDate: **22-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	4.486	0.500	5	0	89.7	54 - 138				
Aroclor 1260	4.896	0.500	5	0	97.9	57 - 136				
Surr: Decachlorobiphenyl	*0.1977*	*0.100*	*0.2*	*0*	*98.8*	*61 - 154*				
Surr: Tetrachlor-m-xylene	*0.1897*	*0.0500*	*0.2*	*0*	*94.9*	*60 - 144*				

LCSD Sample ID: **LCSD-232043** Units: **ug/L** Analysis Date: **23-Aug-2025 00:43**
Client ID: Run ID: **ECD_17_520466** SeqNo: **9003203** PrepDate: **22-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	4.456	0.500	5	0	89.1	54 - 138	4.486	0.682	20	
Aroclor 1260	4.863	0.500	5	0	97.3	57 - 136	4.896	0.661	20	
Surr: Decachlorobiphenyl	*0.1943*	*0.100*	*0.2*	*0*	*97.1*	*61 - 154*	*0.1977*	*1.74*	*20*	
Surr: Tetrachlor-m-xylene	*0.19*	*0.0500*	*0.2*	*0*	*95.0*	*60 - 144*	*0.1897*	*0.147*	*20*	

The following samples were analyzed in this batch: HS25081040-01 HS25081040-02 HS25081040-03 HS25081040-04 HS25081040-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25081040

QC BATCH REPORT

Batch ID: R520266 (0) **Instrument: FID-16** **Method: MISC. GCFID PARAMETERS BY SW8015C**

MBLK Sample ID: **MBLK-250820** Units: **mg/L** Analysis Date: **21-Aug-2025 14:27**
Client ID: Run ID: **FID-16_520266** SeqNo: **8998758** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethylene Glycol	U	2.0								

LCS Sample ID: **LCS-250820** Units: **mg/L** Analysis Date: **21-Aug-2025 13:39**
Client ID: Run ID: **FID-16_520266** SeqNo: **8998756** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethylene Glycol	29.55	2.0	25	0	118	70 - 130				

LCSD Sample ID: **LCSD-250820** Units: **mg/L** Analysis Date: **21-Aug-2025 13:55**
Client ID: Run ID: **FID-16_520266** SeqNo: **8998757** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethylene Glycol	29.17	2.0	25	0	117	70 - 130	29.55	1.27	30	

The following samples were analyzed in this batch: HS25081040-01 HS25081040-02 HS25081040-03 HS25081040-04 HS25081040-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25081040

QC BATCH REPORT

Batch ID: 232328 (0) **Instrument: HG05** **Method: MERCURY BY E245.1, R3.0, 1994**

MBLK Sample ID: **MBLK-232328** Units: **mg/L** Analysis Date: **29-Aug-2025 12:43**
Client ID: Run ID: **HG05_520802** SeqNo: **9010772** PrepDate: **29-Aug-2025** DF: **1**

Analyte	Result		PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury		U	0.000200								

LCS Sample ID: **LCS-232328** Units: **mg/L** Analysis Date: **29-Aug-2025 12:45**
Client ID: Run ID: **HG05_520802** SeqNo: **9010773** PrepDate: **29-Aug-2025** DF: **1**

Analyte	Result		PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00505		0.000200	0.005	0	101	85 - 115				

MS Sample ID: **HS25081156-01MS** Units: **mg/L** Analysis Date: **29-Aug-2025 12:48**
Client ID: Run ID: **HG05_520802** SeqNo: **9010775** PrepDate: **29-Aug-2025** DF: **1**

Analyte	Result		PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00544		0.000200	0.005	0.000007	109	70 - 130				

MSD Sample ID: **HS25081156-01MSD** Units: **mg/L** Analysis Date: **29-Aug-2025 12:50**
Client ID: Run ID: **HG05_520802** SeqNo: **9010776** PrepDate: **29-Aug-2025** DF: **1**

Analyte	Result		PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00525		0.000200	0.005	0.000007	105	70 - 130	0.00544	3.55	20	

The following samples were analyzed in this batch: HS25081040-01 HS25081040-02 HS25081040-03 HS25081040-04 HS25081040-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25081040

QC BATCH REPORT

Batch ID: 232484 (0) **Instrument: ICPMS07** **Method: TOTAL METALS BY E200.8, REV 5.4, 1994**

MBLK Sample ID: **MBLK-232484** Units: **ug/L** Analysis Date: **04-Sep-2025 11:01**
Client ID: Run ID: **ICPMS07_521097** SeqNo: **9017039** PrepDate: **03-Sep-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aluminum	U	10.0								
Antimony	U	5.00								
Arsenic	U	2.00								
Barium	U	4.00								
Beryllium	U	5.00								
Cadmium	U	2.00								
Chromium	U	4.00								
Copper	U	2.00								
Lead	U	2.00								
Nickel	0.32	2.00								J
Selenium	U	2.00								
Silver	U	2.00								
Thallium	U	2.00								
Zinc	U	4.00								

LCS Sample ID: **LCS-232484** Units: **ug/L** Analysis Date: **04-Sep-2025 11:04**
Client ID: Run ID: **ICPMS07_521097** SeqNo: **9017040** PrepDate: **03-Sep-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aluminum	102.9	10.0	100	0	103	85 - 115				
Antimony	47.97	5.00	50	0	95.9	85 - 115				
Arsenic	50.64	2.00	50	0	101	85 - 115				
Barium	49.44	4.00	50	0	98.9	85 - 115				
Beryllium	47.8	5.00	50	0	95.6	85 - 115				
Cadmium	51.28	2.00	50	0	103	85 - 115				
Chromium	48.32	4.00	50	0	96.6	85 - 115				
Copper	49.11	2.00	50	0	98.2	85 - 115				
Lead	47.02	2.00	50	0	94.0	85 - 115				
Nickel	51.32	2.00	50	0	103	85 - 115				
Selenium	52.94	2.00	50	0	106	85 - 115				
Silver	42.58	2.00	50	0	85.2	85 - 115				
Thallium	47.55	2.00	50	0	95.1	85 - 115				
Zinc	54.3	4.00	50	0	109	85 - 115				

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25081040

QC BATCH REPORT

Batch ID: 232484 (0) **Instrument: ICPMS07** **Method: TOTAL METALS BY E200.8, REV 5.4, 1994**

MS Sample ID: **HS25090045-01MS** Units: **ug/L** Analysis Date: **04-Sep-2025 11:18**
Client ID: Run ID: **ICPMS07_521097** SeqNo: **9017046** PrepDate: **03-Sep-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aluminum	626.2	10.0	100	535.9	90.3	70 - 130				O
Antimony	48.56	5.00	50	0.502	96.1	70 - 130				
Arsenic	52.8	2.00	50	1.421	103	70 - 130				
Barium	108.7	4.00	50	58.02	101	70 - 130				
Beryllium	47.97	5.00	50	0.092	95.8	70 - 130				
Cadmium	50.51	2.00	50	0.081	101	70 - 130				
Chromium	50.04	4.00	50	1.825	96.4	70 - 130				
Copper	51.59	2.00	50	3.804	95.6	70 - 130				
Lead	48.62	2.00	50	1.011	95.2	70 - 130				
Nickel	50.3	2.00	50	1.219	98.2	70 - 130				
Selenium	53.3	2.00	50	0.083	106	70 - 130				
Silver	41.65	2.00	50	0.02	83.3	70 - 130				
Thallium	49.43	2.00	50	0.009	98.8	70 - 130				
Zinc	79.8	4.00	50	26.89	106	70 - 130				

MS Sample ID: **HS25090037-01MS** Units: **ug/L** Analysis Date: **04-Sep-2025 11:08**
Client ID: Run ID: **ICPMS07_521097** SeqNo: **9017042** PrepDate: **03-Sep-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aluminum	288.2	10.0	100	187.8	100	70 - 130				
Antimony	50.2	5.00	50	0.532	99.3	70 - 130				
Arsenic	57.39	2.00	50	2.798	109	70 - 130				
Barium	165.5	4.00	50	110.4	110	70 - 130				
Beryllium	51.48	5.00	50	0.021	103	70 - 130				
Cadmium	53.88	2.00	50	0.018	108	70 - 130				
Chromium	50.79	4.00	50	0.425	101	70 - 130				
Copper	54.42	2.00	50	4.806	99.2	70 - 130				
Lead	51.61	2.00	50	0.234	103	70 - 130				
Nickel	53.31	2.00	50	1.607	103	70 - 130				
Selenium	54.16	2.00	50	0.25	108	70 - 130				
Silver	44.52	2.00	50	0.005	89.0	70 - 130				
Thallium	53.48	2.00	50	0.034	107	70 - 130				
Zinc	69.63	4.00	50	15.74	108	70 - 130				

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25081040

QC BATCH REPORT

Batch ID: 232484 (0) **Instrument: ICPMS07** **Method: TOTAL METALS BY E200.8, REV 5.4, 1994**

MSD Sample ID: **HS25090045-01MSD** Units: **ug/L** Analysis Date: **04-Sep-2025 11:20**
Client ID: Run ID: **ICPMS07_521097** SeqNo: **9017047** PrepDate: **03-Sep-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
Aluminum	706.4	10.0	100	535.9	170	70 - 130	626.2	12	20	SO
Antimony	48.83	5.00	50	0.502	96.6	70 - 130	48.56	0.555	20	
Arsenic	53.52	2.00	50	1.421	104	70 - 130	52.8	1.37	20	
Barium	109.1	4.00	50	58.02	102	70 - 130	108.7	0.432	20	
Beryllium	47.5	5.00	50	0.092	94.8	70 - 130	47.97	0.989	20	
Cadmium	50.65	2.00	50	0.081	101	70 - 130	50.51	0.277	20	
Chromium	50.05	4.00	50	1.825	96.5	70 - 130	50.04	0.016	20	
Copper	52.07	2.00	50	3.804	96.5	70 - 130	51.59	0.934	20	
Lead	48.68	2.00	50	1.011	95.3	70 - 130	48.62	0.134	20	
Nickel	51.03	2.00	50	1.219	99.6	70 - 130	50.3	1.45	20	
Selenium	53.22	2.00	50	0.083	106	70 - 130	53.3	0.156	20	
Silver	41.03	2.00	50	0.02	82.0	70 - 130	41.65	1.49	20	
Thallium	49.77	2.00	50	0.009	99.5	70 - 130	49.43	0.692	20	
Zinc	79.52	4.00	50	26.89	105	70 - 130	79.8	0.359	20	

MSD Sample ID: **HS25090037-01MSD** Units: **ug/L** Analysis Date: **04-Sep-2025 11:11**
Client ID: Run ID: **ICPMS07_521097** SeqNo: **9017043** PrepDate: **03-Sep-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
Aluminum	317.3	10.0	100	187.8	129	70 - 130	288.2	9.61	20	
Antimony	50.32	5.00	50	0.532	99.6	70 - 130	50.2	0.235	20	
Arsenic	57.11	2.00	50	2.798	109	70 - 130	57.39	0.489	20	
Barium	169.7	4.00	50	110.4	119	70 - 130	165.5	2.53	20	
Beryllium	51.3	5.00	50	0.021	103	70 - 130	51.48	0.344	20	
Cadmium	53.1	2.00	50	0.018	106	70 - 130	53.88	1.45	20	
Chromium	50.09	4.00	50	0.425	99.3	70 - 130	50.79	1.38	20	
Copper	53.71	2.00	50	4.806	97.8	70 - 130	54.42	1.33	20	
Lead	51.26	2.00	50	0.234	102	70 - 130	51.61	0.675	20	
Nickel	52.17	2.00	50	1.607	101	70 - 130	53.31	2.15	20	
Selenium	54.34	2.00	50	0.25	108	70 - 130	54.16	0.341	20	
Silver	43.81	2.00	50	0.005	87.6	70 - 130	44.52	1.59	20	
Thallium	54.09	2.00	50	0.034	108	70 - 130	53.48	1.13	20	
Zinc	69.91	4.00	50	15.74	108	70 - 130	69.63	0.4	20	

The following samples were analyzed in this batch: HS25081040-01 HS25081040-02 HS25081040-03 HS25081040-04 HS25081040-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25081040

QC BATCH REPORT

Batch ID: 232031 (0) **Instrument: SV-7** **Method: SEMIVOLATILES BY E625.1**

MBLK Sample ID: **MBLK-232031** Units: **ug/L** Analysis Date: **25-Aug-2025 13:14**
Client ID: Run ID: **SV-7_520414** SeqNo: **9001727** PrepDate: **22-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4,5-Tetrachlorobenzene	U	0.20								
2,4,5-Trichlorophenol	U	0.20								
2-Methylphenol	U	0.20								
3&4-Methylphenol	U	0.40								
4,6-Dinitro-2-methylphenol	U	1.0								
4-Chloro-3-methylphenol	U	0.20								
Benz(a)anthracene	U	0.10								
Benzidine	U	0.20								
Benzo(a)pyrene	U	0.10								
Chrysene	U	0.10								
Hexachlorobenzene	U	0.20								
Hexachloroethane	U	0.20								
Nitrobenzene	U	0.20								
N-Nitrosodiethylamine	U	0.20								
N-Nitroso-di-n-butylamine	U	0.20								
Pentachlorobenzene	U	0.20								
Pentachlorophenol	U	0.20								
Phenanthrene	U	0.10								
Pyridine	U	0.10								
Surr: 2,4,6-Tribromophenol	*4.362*	*0*	*5*	*0*	*87.2*	*34 - 129*				
Surr: 2-Fluorobiphenyl	*2.45*	*0*	*5*	*0*	*49.0*	*40 - 125*				
Surr: 2-Fluorophenol	*2.95*	*0*	*5*	*0*	*59.0*	*20 - 120*				
Surr: 4-Terphenyl-d14	*2.574*	*0*	*5*	*0*	*51.5*	*40 - 135*				
Surr: Nitrobenzene-d5	*2.111*	*0*	*5*	*0*	*42.2*	*41 - 120*				
Surr: Phenol-d6	*2.505*	*0*	*5*	*0*	*50.1*	*20 - 120*				

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25081040

QC BATCH REPORT

Batch ID: 232031 (0) **Instrument: SV-7** **Method: SEMIVOLATILES BY E625.1**

LCS Sample ID: **LCS-232031** Units: **ug/L** Analysis Date: **25-Aug-2025 13:38**
Client ID: Run ID: **SV-7_520414** SeqNo: **9001728** PrepDate: **22-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4,5-Tetrachlorobenzene	3.848	0.20	5	0	77.0	40 - 140				
2,4,5-Trichlorophenol	3.246	0.20	5	0	64.9	40 - 120				
2-Methylphenol	3.492	0.20	5	0	69.8	45 - 120				
3&4-Methylphenol	3.03	0.40	5	0	60.6	35 - 120				
4,6-Dinitro-2-methylphenol	4.022	1.0	5	0	80.4	25 - 121				
4-Chloro-3-methylphenol	3.271	0.20	5	0	65.4	47 - 120				
Benz(a)anthracene	3.433	0.10	5	0	68.7	40 - 120				
Benzidine	0.5	0.20	5	0	10.0	10 - 120				
Benzo(a)pyrene	3.47	0.10	5	0	69.4	45 - 120				
Chrysene	3.2	0.10	5	0	64.0	43 - 120				
Hexachlorobenzene	3.601	0.20	5	0	72.0	48 - 120				
Hexachloroethane	3.044	0.20	5	0	60.9	40 - 120				
Nitrobenzene	3.083	0.20	5	0	61.7	44 - 120				
N-Nitrosodiethylamine	3.874	0.20	5	0	77.5	30 - 140				
N-Nitroso-di-n-butylamine	5.133	0.20	5	0	103	30 - 140				
Pentachlorobenzene	4.382	0.20	5	0	87.6	40 - 140				
Pentachlorophenol	4.186	0.20	5	0	83.7	19 - 121				
Phenanthrene	3.399	0.10	5	0	68.0	54 - 120				
Pyridine	3.682	0.10	5	0	73.6	15 - 120				
Surr: 2,4,6-Tribromophenol	*4.475*	*0*	*5*	*0*	*89.5*	*34 - 129*				
Surr: 2-Fluorobiphenyl	*2.503*	*0*	*5*	*0*	*50.1*	*40 - 125*				
Surr: 2-Fluorophenol	*3.647*	*0*	*5*	*0*	*72.9*	*20 - 120*				
Surr: 4-Terphenyl-d14	*2.393*	*0*	*5*	*0*	*47.9*	*40 - 135*				
Surr: Nitrobenzene-d5	*2.186*	*0*	*5*	*0*	*43.7*	*41 - 120*				
Surr: Phenol-d6	*3.107*	*0*	*5*	*0*	*62.1*	*20 - 120*				

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25081040

QC BATCH REPORT

Batch ID: 232031 (0) **Instrument: SV-7** **Method: SEMIVOLATILES BY E625.1**

LCSD Sample ID: **LCSD-232031** Units: **ug/L** Analysis Date: **25-Aug-2025 14:02**
Client ID: Run ID: **SV-7_520414** SeqNo: **9001729** PrepDate: **22-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4,5-Tetrachlorobenzene	3.634	0.20	5	0	72.7	40 - 140	3.848	5.73	20	
2,4,5-Trichlorophenol	3.186	0.20	5	0	63.7	40 - 120	3.246	1.88	20	
2-Methylphenol	2.931	0.20	5	0	58.6	45 - 120	3.492	17.5	20	
3&4-Methylphenol	5.937	0.40	5	0	119	35 - 120	3.03	64.8	20	R
4,6-Dinitro-2-methylphenol	3.845	1.0	5	0	76.9	25 - 121	4.022	4.49	20	
4-Chloro-3-methylphenol	3.005	0.20	5	0	60.1	47 - 120	3.271	8.48	20	
Benz(a)anthracene	3.345	0.10	5	0	66.9	40 - 120	3.433	2.58	20	
Benzidine	1.715	0.20	5	0	34.3	10 - 120	0.5	110	20	R
Benzo(a)pyrene	3.241	0.10	5	0	64.8	45 - 120	3.47	6.84	20	
Chrysene	3.241	0.10	5	0	64.8	43 - 120	3.2	1.28	20	
Hexachlorobenzene	3.644	0.20	5	0	72.9	48 - 120	3.601	1.19	20	
Hexachloroethane	2.633	0.20	5	0	52.7	40 - 120	3.044	14.5	20	
Nitrobenzene	2.707	0.20	5	0	54.1	44 - 120	3.083	13	20	
N-Nitrosodiethylamine	3.369	0.20	5	0	67.4	30 - 140	3.874	14	20	
N-Nitroso-di-n-butylamine	5.16	0.20	5	0	103	30 - 140	5.133	0.511	20	
Pentachlorobenzene	4.41	0.20	5	0	88.2	40 - 140	4.382	0.643	20	
Pentachlorophenol	4.061	0.20	5	0	81.2	19 - 121	4.186	3.03	20	
Phenanthrene	3.367	0.10	5	0	67.3	54 - 120	3.399	0.943	20	
Pyridine	3.007	0.10	5	0	60.1	15 - 120	3.682	20.2	20	R
Surr: 2,4,6-Tribromophenol	*4.258*	*0*	*5*	*0*	*85.2*	*34 - 129*	*4.475*	*4.96*	*20*	
Surr: 2-Fluorobiphenyl	*2.425*	*0*	*5*	*0*	*48.5*	*40 - 125*	*2.503*	*3.17*	*20*	
Surr: 2-Fluorophenol	*2.962*	*0*	*5*	*0*	*59.2*	*20 - 120*	*3.647*	*20.7*	*20*	R
Surr: 4-Terphenyl-d14	*2.629*	*0*	*5*	*0*	*52.6*	*40 - 135*	*2.393*	*9.44*	*20*	
Surr: Nitrobenzene-d5	*2.115*	*0*	*5*	*0*	*42.3*	*41 - 120*	*2.186*	*3.29*	*20*	
Surr: Phenol-d6	*2.981*	*0*	*5*	*0*	*59.6*	*20 - 120*	*3.107*	*4.16*	*20*	

The following samples were analyzed in this batch: HS25081040-01 HS25081040-02 HS25081040-03 HS25081040-04 HS25081040-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25081040

QC BATCH REPORT

Batch ID: R520398 (0) **Instrument: VOA11** **Method: VOLATILES BY EPA 624.1**

MBLK Sample ID: **MBLK** Units: **ug/L** Analysis Date: **22-Aug-2025 11:52**
Client ID: Run ID: **VOA11_520398** SeqNo: **9001481** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	1.0								
1,1-Dichloroethene	U	1.0								
1,2-Dibromoethane	U	2.0								
1,2-Dichloroethane	U	2.0								
1,4-Dichlorobenzene	U	2.0								
2-Butanone	U	10								
Benzene	U	1.0								
Carbon Tetrachloride	U	2.0								
Chlorobenzene	U	2.0								
Chloroform	U	2.0								
Dibromochloromethane	U	2.0								
Hexachlorobutadiene	U	10								
Tetrachloroethene	U	2.0								
Total Trihalomethanes (TTHMs)	U	5.0								
Trichloroethene	U	2.0								
Vinyl Chloride	U	1.0								
Surr: Dibromofluoromethane	*52.69*	*0*	*50*	*0*	*105*	*80 - 120*				
Surr: 1,2-Dichloroethane-d4	*55.94*	*0*	*50*	*0*	*112*	*60 - 140*				
Surr: 4-Bromofluorobenzene	*54.32*	*0*	*50*	*0*	*109*	*60 - 140*				
Surr: Toluene-d8	*52.38*	*0*	*50*	*0*	*105*	*60 - 140*				

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25081040

QC BATCH REPORT

Batch ID: R520398 (0) **Instrument: VOA11** **Method: VOLATILES BY EPA 624.1**

LCS Sample ID: **LCS** Units: **ug/L** Analysis Date: **22-Aug-2025 10:09**
Client ID: Run ID: **VOA11_520398** SeqNo: **9001479** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	19.81	1.0	20	0	99.1	70 - 130				
1,1-Dichloroethene	19.73	1.0	20	0	98.6	70 - 130				
1,2-Dibromoethane	19.34	2.0	20	0	96.7	76 - 123				
1,2-Dichloroethane	19.38	2.0	20	0	96.9	70 - 124				
1,4-Dichlorobenzene	19.1	2.0	20	0	95.5	79 - 113				
2-Butanone	113.2	10	100	0	113	70 - 130				
Benzene	21.86	1.0	20	0	109	74 - 120				
Carbon Tetrachloride	20.19	2.0	20	0	101	71 - 125				
Chlorobenzene	18.88	2.0	20	0	94.4	76 - 113				
Chloroform	19.74	2.0	20	0	98.7	71 - 121				
Dibromochloromethane	17.01	2.0	20	0	85.0	77 - 122				
Hexachlorobutadiene	20.51	10	20	0	103	80 - 120				
Tetrachloroethene	18.78	2.0	20	0	93.9	76 - 119				
Trichloroethene	19.03	2.0	20	0	95.2	79 - 120				
Vinyl Chloride	18.32	1.0	20	0	91.6	70 - 130				
Surr: Dibromofluoromethane	*51.08*	*0*	*50*	*0*	*102*	*80 - 120*				
Surr: 1,2-Dichloroethane-d4	*51.36*	*0*	*50*	*0*	*103*	*70 - 130*				
Surr: 4-Bromofluorobenzene	*52.61*	*0*	*50*	*0*	*105*	*83 - 122*				
Surr: Toluene-d8	*50.6*	*0*	*50*	*0*	*101*	*81 - 119*				

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25081040

QC BATCH REPORT

Batch ID: R520398 (0) **Instrument: VOA11** **Method: VOLATILES BY EPA 624.1**

LCSD Sample ID: **LCSD** Units: **ug/L** Analysis Date: **22-Aug-2025 10:53**
Client ID: Run ID: **VOA11_520398** SeqNo: **9001480** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
1,1,1-Trichloroethane	18.42	1.0	20	0	92.1	70 - 130	19.81	7.26	20	
1,1-Dichloroethene	18.6	1.0	20	0	93.0	70 - 130	19.73	5.9	20	
1,2-Dibromoethane	19.64	2.0	20	0	98.2	76 - 123	19.34	1.55	20	
1,2-Dichloroethane	19.2	2.0	20	0	96.0	76 - 123	19.38	0.897	20	
1,4-Dichlorobenzene	18.88	2.0	20	0	94.4	79 - 113	19.1	1.12	20	
2-Butanone	112.4	10	100	0	112	70 - 130	113.2	0.724	20	
Benzene	19.76	1.0	20	0	98.8	74 - 120	21.86	10.1	20	
Carbon Tetrachloride	18.55	2.0	20	0	92.8	71 - 125	20.19	8.47	20	
Chlorobenzene	18.7	2.0	20	0	93.5	76 - 113	18.88	0.947	20	
Chloroform	19.17	2.0	20	0	95.8	71 - 121	19.74	2.95	20	
Dibromochloromethane	17	2.0	20	0	85.0	77 - 122	17.01	0.0353	20	
Hexachlorobutadiene	18.83	10	20	0	94.1	80 - 120	20.51	8.56	20	
Tetrachloroethene	17.94	2.0	20	0	89.7	76 - 119	18.78	4.59	20	
Trichloroethene	18.25	2.0	20	0	91.2	79 - 120	19.03	4.2	20	
Vinyl Chloride	17.28	1.0	20	0	86.4	70 - 130	18.32	5.85	20	
Surr: Dibromofluoromethane	*51.9*	*0*	*50*	*0*	*104*	*80 - 120*	*51.08*	*1.6*	*20*	
Surr: 1,2-Dichloroethane-d4	*51.66*	*0*	*50*	*0*	*103*	*70 - 130*	*51.36*	*0.577*	*20*	
Surr: 4-Bromofluorobenzene	*55.15*	*0*	*50*	*0*	*110*	*83 - 122*	*52.61*	*4.73*	*20*	
Surr: Toluene-d8	*51.96*	*0*	*50*	*0*	*104*	*81 - 119*	*50.6*	*2.66*	*20*	

The following samples were analyzed in this batch: HS25081040-01 HS25081040-02 HS25081040-03 HS25081040-04 HS25081040-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25081040

QC BATCH REPORT

Batch ID: 232005 (0) **Instrument: Skalar 02** **Method: BIOCHEMICAL OXYGEN DEMAND (BOD) BY SM5210B**

MBLK Sample ID: **MBLK-232005** Units: **mg/L** Analysis Date: **26-Aug-2025 17:19**
Client ID: Run ID: **Skalar 02_520556** SeqNo: **9005171** PrepDate: **21-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Biochemical Oxygen Demand	U	2.00								

LCS Sample ID: **LCS-232005** Units: **mg/L** Analysis Date: **26-Aug-2025 17:19**
Client ID: Run ID: **Skalar 02_520556** SeqNo: **9005170** PrepDate: **21-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Biochemical Oxygen Demand	215.3	2.00	198	0	109	84.6 - 115.4				

DUP Sample ID: **HS25080973-01DUP** Units: **mg/L** Analysis Date: **26-Aug-2025 17:19**
Client ID: Run ID: **Skalar 02_520556** SeqNo: **9005169** PrepDate: **21-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Biochemical Oxygen Demand	U	2.00					1.77	0	20	

The following samples were analyzed in this batch: HS25081040-01 HS25081040-02 HS25081040-03 HS25081040-04 HS25081040-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25081040

QC BATCH REPORT

Batch ID: 232006 (0) **Instrument: Skalar 02** **Method: CBOD BY SM5210B**

MBLK Sample ID: **MBLK-232006** Units: **mg/L** Analysis Date: **26-Aug-2025 17:15**
Client ID: Run ID: **Skalar 02_520555** SeqNo: **9005148** PrepDate: **21-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Carbonaceous Biochemical Oxygen Demand	U	2.00								

LCS Sample ID: **LCS-232006** Units: **mg/L** Analysis Date: **26-Aug-2025 17:15**
Client ID: Run ID: **Skalar 02_520555** SeqNo: **9005147** PrepDate: **21-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Carbonaceous Biochemical Oxygen Demand	213.3	2.00	198	0	108	84.6 - 115.4				

DUP Sample ID: **HS25081071-03DUP** Units: **mg/L** Analysis Date: **26-Aug-2025 17:15**
Client ID: Run ID: **Skalar 02_520555** SeqNo: **9005146** PrepDate: **21-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Carbonaceous Biochemical Oxygen Demand	2332	2.00					2141	8.56	20	

The following samples were analyzed in this batch: HS25081040-01 HS25081040-02 HS25081040-03 HS25081040-04 HS25081040-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25081040

QC BATCH REPORT

Batch ID: 232110 (0) **Instrument: UV-2450** **Method: CYANIDE BY SM 4500CN E&G**

MBLK Sample ID: **MBLK-232110** Units: **mg/L** Analysis Date: **25-Aug-2025 11:22**
Client ID: Run ID: **UV-2450_520424** SeqNo: **9001829** PrepDate: **25-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Cyanide	U	0.00500								

LCS Sample ID: **LCS-232110** Units: **mg/L** Analysis Date: **25-Aug-2025 11:22**
Client ID: Run ID: **UV-2450_520424** SeqNo: **9001828** PrepDate: **25-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Cyanide	0.205	0.00500	0.2	0	102	80 - 120				

MS Sample ID: **HS25081078-01MS** Units: **mg/L** Analysis Date: **25-Aug-2025 11:22**
Client ID: Run ID: **UV-2450_520424** SeqNo: **9001826** PrepDate: **25-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Cyanide	0.2	0.00500	0.2	0.018	91.0	80 - 120				

MSD Sample ID: **HS25081078-01MSD** Units: **mg/L** Analysis Date: **25-Aug-2025 11:22**
Client ID: Run ID: **UV-2450_520424** SeqNo: **9001827** PrepDate: **25-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Cyanide	0.186	0.00500	0.2	0.018	84.0	80 - 120	0.2	7.25	20	

The following samples were analyzed in this batch: HS25081040-01 HS25081040-02

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25081040

QC BATCH REPORT

Batch ID: 232147 (0) **Instrument: UV-2450** **Method: PHOSPHORUS BY E365.3-1978**

MBLK Sample ID: **MBLK-232147** Units: **mg/L** Analysis Date: **26-Aug-2025 12:55**
Client ID: Run ID: **UV-2450_520515** SeqNo: **9004191** PrepDate: **26-Aug-2025** DF: **1**

Analyte	Result		PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Phosphorus, Total (As P)	U		0.0500								

LCS Sample ID: **LCS-232147** Units: **mg/L** Analysis Date: **26-Aug-2025 12:55**
Client ID: Run ID: **UV-2450_520515** SeqNo: **9004190** PrepDate: **26-Aug-2025** DF: **1**

Analyte	Result		PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Phosphorus, Total (As P)	0.242		0.0500	0.25	0	96.8	80 - 120				

MS Sample ID: **HS25081142-01MS** Units: **mg/L** Analysis Date: **26-Aug-2025 12:55**
Client ID: Run ID: **UV-2450_520515** SeqNo: **9004188** PrepDate: **26-Aug-2025** DF: **1**

Analyte	Result		PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Phosphorus, Total (As P)	0.334		0.0500	0.25	0.085	99.6	80 - 120				

MSD Sample ID: **HS25081142-01MSD** Units: **mg/L** Analysis Date: **26-Aug-2025 12:55**
Client ID: Run ID: **UV-2450_520515** SeqNo: **9004189** PrepDate: **26-Aug-2025** DF: **1**

Analyte	Result		PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Phosphorus, Total (As P)	0.348		0.0500	0.25	0.085	105	80 - 120	0.334	4.11	20	

The following samples were analyzed in this batch: HS25081040-01 HS25081040-02 HS25081040-03 HS25081040-04 HS25081040-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25081040

QC BATCH REPORT

Batch ID: 232216 (0) **Instrument: UV-2450** **Method: CYANIDE BY SM 4500CN E&G**

MBLK Sample ID: **MBLK-232216** Units: **mg/L** Analysis Date: **27-Aug-2025 11:01**
Client ID: Run ID: **UV-2450_520603** SeqNo: **9006140** PrepDate: **27-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Cyanide	U	0.00500								

LCS Sample ID: **LCS-232216** Units: **mg/L** Analysis Date: **27-Aug-2025 11:01**
Client ID: Run ID: **UV-2450_520603** SeqNo: **9006139** PrepDate: **27-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Cyanide	0.183	0.00500	0.2	0	91.5	80 - 120				

MS Sample ID: **HS25081040-05MS** Units: **mg/L** Analysis Date: **27-Aug-2025 11:01**
Client ID: **005** Run ID: **UV-2450_520603** SeqNo: **9006137** PrepDate: **27-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Cyanide	0.181	0.00500	0.2	0.001	90.0	80 - 120				

MSD Sample ID: **HS25081040-05MSD** Units: **mg/L** Analysis Date: **27-Aug-2025 11:01**
Client ID: **005** Run ID: **UV-2450_520603** SeqNo: **9006138** PrepDate: **27-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Cyanide	0.177	0.00500	0.2	0.001	88.0	80 - 120	0.181	2.23	20	

The following samples were analyzed in this batch: HS25081040-03 HS25081040-04 HS25081040-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25081040

QC BATCH REPORT

Batch ID: 232540 (0) **Instrument: WetChem_HS** **Method: TOTAL KJELDAHL NITROGEN BY SM4500 NH3 D**

MBLK Sample ID: **MBLK-232540** Units: **mg/L** Analysis Date: **04-Sep-2025 16:00**
Client ID: Run ID: **WetChem_HS_521146** SeqNo: **9017796** PrepDate: **04-Sep-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Total Kjeldahl	U	1.0								

LCS Sample ID: **LCS-232540** Units: **mg/L** Analysis Date: **04-Sep-2025 16:00**
Client ID: Run ID: **WetChem_HS_521146** SeqNo: **9017795** PrepDate: **04-Sep-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Total Kjeldahl	21.55	1.0	20	0	108	85 - 115				

MS Sample ID: **HS25081040-03MS** Units: **mg/L** Analysis Date: **04-Sep-2025 16:00**
Client ID: **003** Run ID: **WetChem_HS_521146** SeqNo: **9017820** PrepDate: **04-Sep-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Total Kjeldahl	21.5	1.0	20	0.71	104	75 - 125				

MSD Sample ID: **HS25081040-03MSD** Units: **mg/L** Analysis Date: **04-Sep-2025 16:00**
Client ID: **003** Run ID: **WetChem_HS_521146** SeqNo: **9017821** PrepDate: **04-Sep-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Total Kjeldahl	21.03	1.0	20	0.71	102	75 - 125	21.5	2.23	20	

The following samples were analyzed in this batch: HS25081040-01 HS25081040-02 HS25081040-03 HS25081040-04 HS25081040-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25081040

QC BATCH REPORT

Batch ID: R520208 (0) **Instrument: UV-2450** **Method: HEXAVALENT CHROMIUM BY SW7196A**

MBLK Sample ID: **MBLK-R520208** Units: **mg/L** Analysis Date: **21-Aug-2025 13:26**
Client ID: Run ID: **UV-2450_520208** SeqNo: **8997273** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chromium, Hexavalent	U	0.0100								

LCS Sample ID: **LCS-R520208** Units: **mg/L** Analysis Date: **21-Aug-2025 13:26**
Client ID: Run ID: **UV-2450_520208** SeqNo: **8997272** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chromium, Hexavalent	0.241	0.0100	0.25	0	96.4	80 - 120				

MS Sample ID: **HS25081040-01MS** Units: **mg/L** Analysis Date: **21-Aug-2025 13:26**
Client ID: **001** Run ID: **UV-2450_520208** SeqNo: **8997275** PrepDate: DF: **2**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chromium, Hexavalent	0.544	0.0200	0.5	0.004	108	86 - 117				

MSD Sample ID: **HS25081040-01MSD** Units: **mg/L** Analysis Date: **21-Aug-2025 13:26**
Client ID: **001** Run ID: **UV-2450_520208** SeqNo: **8997274** PrepDate: DF: **2**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chromium, Hexavalent	0.534	0.0200	0.5	0.004	106	86 - 117	0.544	1.86	15	

The following samples were analyzed in this batch: HS25081040-01 HS25081040-02 HS25081040-03 HS25081040-04 HS25081040-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25081040

QC BATCH REPORT

Batch ID: R520232 (0) **Instrument: Skalar 02** **Method: DISSOLVED OXYGEN BY SM4500-O G**

DUP Sample ID: **HS25080849-01DUP** Units: **mg/L** Analysis Date: **21-Aug-2025 16:29**
Client ID: Run ID: **Skalar 02_520232** SeqNo: **8997882** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Oxygen, Dissolved	7.55	1.00					7.64	1.18	20	

The following samples were analyzed in this batch: HS25081040-01 HS25081040-02 HS25081040-03 HS25081040-04 HS25081040-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25081040

QC BATCH REPORT

Batch ID: R520238 (0) **Instrument: WetChem_HS** **Method: PH BY SM4500H+ B**

DUP Sample ID: **HS25080953-04DUP** Units: **pH Units** Analysis Date: **21-Aug-2025 19:30**
Client ID: Run ID: **WetChem_HS_520238** SeqNo: **8998091** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	7.67	1.00					7.64	0.392	10	
Temp Deg C @pH	20.3	0					20.6	1.47	10	

The following samples were analyzed in this batch: HS25081040-01 HS25081040-02 HS25081040-03 HS25081040-04 HS25081040-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25081040

QC BATCH REPORT

Batch ID: R520240 (0) **Instrument: TOC_04** **Method: TOTAL ORGANIC CARBON - SM5310B**

MBLK Sample ID: **MBLK-08.21.2025** Units: **mg/L** Analysis Date: **21-Aug-2025 18:09**
Client ID: Run ID: **TOC_04_520240** SeqNo: **8998124** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	U	1.00								

MBLK Sample ID: **BLANK 08.21.2025** Units: **mg/L** Analysis Date: **21-Aug-2025 17:47**
Client ID: Run ID: **TOC_04_520240** SeqNo: **8998122** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	U	1.00								

LCS Sample ID: **LCS-08.21.2025** Units: **mg/L** Analysis Date: **21-Aug-2025 18:21**
Client ID: Run ID: **TOC_04_520240** SeqNo: **8998125** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	10.43	1.00	10	0	104	91 - 109				

LCSD Sample ID: **LCSD-08.21.2025** Units: **mg/L** Analysis Date: **21-Aug-2025 18:33**
Client ID: Run ID: **TOC_04_520240** SeqNo: **8998126** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	10.61	1.00	10	0	106	91 - 109	10.43	1.71	20	

MS Sample ID: **HS25081038-02MS** Units: **mg/L** Analysis Date: **21-Aug-2025 19:28**
Client ID: Run ID: **TOC_04_520240** SeqNo: **8998130** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	11.2	1.00	10	0.6772	105	85 - 115				

DUP Sample ID: **HS25081038-01DUP** Units: **mg/L** Analysis Date: **21-Aug-2025 19:04**
Client ID: Run ID: **TOC_04_520240** SeqNo: **8998128** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	0.6327	1.00					0.6935	0	15	J

The following samples were analyzed in this batch: HS25081040-01 HS25081040-02 HS25081040-03 HS25081040-04 HS25081040-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25081040

QC BATCH REPORT

Batch ID: R520268 (0) **Instrument: ICS-Integrion** **Method: ANIONS BY E300.0, REV 2.1, 1993**

MBLK Sample ID: **MBLK** Units: **mg/L** Analysis Date: **21-Aug-2025 19:30**
Client ID: Run ID: **ICS-Integrion_520268** SeqNo: **8998799** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	U	0.500								
Fluoride	U	0.100								
Nitrogen, Nitrate (As N)	U	0.100								
Sulfate	U	0.500								

LCS Sample ID: **LCS** Units: **mg/L** Analysis Date: **21-Aug-2025 19:41**
Client ID: Run ID: **ICS-Integrion_520268** SeqNo: **8998800** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	20.04	0.500	20	0	100	90 - 110				
Fluoride	4.341	0.100	4	0	109	90 - 110				
Nitrogen, Nitrate (As N)	4.03	0.100	4	0	101	90 - 110				
Sulfate	19.72	0.500	20	0	98.6	90 - 110				

MS Sample ID: **HS25081042-04MS** Units: **mg/L** Analysis Date: **21-Aug-2025 13:51**
Client ID: Run ID: **ICS-Integrion_520268** SeqNo: **8998791** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	148.2	0.500	10	141.7	64.3	80 - 120				SEO
Fluoride	5.858	0.100	2	3.775	104	80 - 120				
Nitrogen, Nitrate (As N)	1.91	0.100	2	0	95.5	80 - 120				
Sulfate	30.65	0.500	10	21.93	87.2	80 - 120				

MS Sample ID: **HS25081040-01MS** Units: **mg/L** Analysis Date: **21-Aug-2025 20:22**
Client ID: **001** Run ID: **ICS-Integrion_520268** SeqNo: **8998807** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	62.99	0.500	10	53.65	93.4	80 - 120				O
Fluoride	2.704	0.100	2	0.4792	111	80 - 120				
Nitrogen, Nitrate (As N)	2.647	0.100	2	0.6741	98.6	80 - 120				
Sulfate	54.93	0.500	10	47.48	74.5	80 - 120				SO

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25081040

QC BATCH REPORT

Batch ID: R520268 (0) **Instrument: ICS-Integrion** **Method: ANIONS BY E300.0, REV 2.1, 1993**

MSD Sample ID: **HS25081042-04MSD** Units: **mg/L** Analysis Date: **21-Aug-2025 13:57**
Client ID: Run ID: **ICS-Integrion_520268** SeqNo: **8998792** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	148.7	0.500	10	141.7	69.4	80 - 120	148.2	0.347	20	SEO
Fluoride	5.905	0.100	2	3.775	106	80 - 120	5.858	0.808	20	
Nitrogen, Nitrate (As N)	1.917	0.100	2	0	95.9	80 - 120	1.91	0.381	20	
Sulfate	31.48	0.500	10	21.93	95.4	80 - 120	30.65	2.64	20	

MSD Sample ID: **HS25081040-01MSD** Units: **mg/L** Analysis Date: **21-Aug-2025 20:28**
Client ID: **001** Run ID: **ICS-Integrion_520268** SeqNo: **8998808** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	62.53	0.500	10	53.65	88.8	80 - 120	62.99	0.733	20	O
Fluoride	2.72	0.100	2	0.4792	112	80 - 120	2.704	0.597	20	
Nitrogen, Nitrate (As N)	2.635	0.100	2	0.6741	98.0	80 - 120	2.647	0.458	20	
Sulfate	54.64	0.500	10	47.48	71.7	80 - 120	54.93	0.52	20	SO

The following samples were analyzed in this batch: HS25081040-01 HS25081040-02 HS25081040-03 HS25081040-04 HS25081040-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25081040

QC BATCH REPORT

Batch ID: R520278 (0) **Instrument: Balance1** **Method: TOTAL SUSPENDED SOLIDS BY SM 2540D**

MBLK Sample ID: **WMBLK-08222025** Units: **mg/L** Analysis Date: **22-Aug-2025 07:30**
Client ID: Run ID: **Balance1_520278** SeqNo: **8999043** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Suspended Solids (Residue, Non-Filterable)	U	4.00								

LCS Sample ID: **WLCS-08222025** Units: **mg/L** Analysis Date: **22-Aug-2025 07:30**
Client ID: Run ID: **Balance1_520278** SeqNo: **8999042** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Suspended Solids (Residue, Non-Filterable)	104	4.00	100	0	104	85 - 105				

DUP Sample ID: **HS25081085-01DUP** Units: **mg/L** Analysis Date: **22-Aug-2025 07:30**
Client ID: Run ID: **Balance1_520278** SeqNo: **8999040** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Suspended Solids (Residue, Non-Filterable)	90.33	4.00					90.67	0.368	10	

DUP Sample ID: **HS25081039-01DUP** Units: **mg/L** Analysis Date: **22-Aug-2025 07:30**
Client ID: Run ID: **Balance1_520278** SeqNo: **8999026** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Suspended Solids (Residue, Non-Filterable)	23.33	4.00					25	6.9	10	

The following samples were analyzed in this batch: HS25081040-01 HS25081040-02 HS25081040-03 HS25081040-04 HS25081040-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25081040

QC BATCH REPORT

Batch ID: R520293 (0) **Instrument: WetChem_HS** **Method: AMMONIA AS N BY SM4500 NH3-D (ISE)**

MBLK Sample ID: **MBLK-R520293** Units: **mg/L** Analysis Date: **22-Aug-2025 12:00**
Client ID: Run ID: **WetChem_HS_520293** SeqNo: **8999318** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Ammonia (as N)	U	0.200								

LCS Sample ID: **LCS-R520293** Units: **mg/L** Analysis Date: **22-Aug-2025 12:00**
Client ID: Run ID: **WetChem_HS_520293** SeqNo: **8999317** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Ammonia (as N)	10.15	0.200	10	0	102	85 - 115				

MS Sample ID: **HS25081040-05MS** Units: **mg/L** Analysis Date: **22-Aug-2025 12:00**
Client ID: **005** Run ID: **WetChem_HS_520293** SeqNo: **8999320** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Ammonia (as N)	10.88	0.200	10	0.306	106	80 - 120				

MSD Sample ID: **HS25081040-05MSD** Units: **mg/L** Analysis Date: **22-Aug-2025 12:00**
Client ID: **005** Run ID: **WetChem_HS_520293** SeqNo: **8999319** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Ammonia (as N)	10.67	0.200	10	0.306	104	80 - 120	10.88	1.93	20	

The following samples were analyzed in this batch: HS25081040-01 HS25081040-02 HS25081040-03 HS25081040-04 HS25081040-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25081040

QC BATCH REPORT

Batch ID: R520510 (0) **Instrument: WetChem_HS** **Method: RESIDUAL CHLORINE BY SM4500CL F**

MBLK Sample ID: **MBLK-R520510** Units: **mg/L** Analysis Date: **26-Aug-2025 12:46**
Client ID: Run ID: **WetChem_HS_520510** SeqNo: **9004301** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chlorine	U	0.10								

LCS Sample ID: **LCS-R520510** Units: **mg/L** Analysis Date: **26-Aug-2025 12:46**
Client ID: Run ID: **WetChem_HS_520510** SeqNo: **9004300** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chlorine	3.2	0.10	3.06	0	105	85 - 115				

LCSD Sample ID: **LCSD-R520510** Units: **mg/L** Analysis Date: **26-Aug-2025 12:46**
Client ID: Run ID: **WetChem_HS_520510** SeqNo: **9004299** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chlorine	3.2	0.10	3.06	0	105	85 - 115	3.2	0	20	

MS Sample ID: **HS25080911-01MS** Units: **mg/L** Analysis Date: **26-Aug-2025 12:46**
Client ID: Run ID: **WetChem_HS_520510** SeqNo: **9004302** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chlorine	3.3	0.10	3.06	0.2	101	80 - 120				

The following samples were analyzed in this batch: HS25081040-01 HS25081040-02 HS25081040-03 HS25081040-04 HS25081040-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25081040

QC BATCH REPORT

Batch ID: R520521 (0) **Instrument:** WetChem_HS **Method:** CHEMICAL OXYGEN DEMAND BY HACH 8000

MBLK Sample ID: **MBLK-R520521** Units: **mg/L** Analysis Date: **26-Aug-2025 13:00**
Client ID: Run ID: **WetChem_HS_520521** SeqNo: **9004380** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chemical Oxygen Demand	U	15.0								

LCS Sample ID: **LCS-R520521** Units: **mg/L** Analysis Date: **26-Aug-2025 13:00**
Client ID: Run ID: **WetChem_HS_520521** SeqNo: **9004379** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chemical Oxygen Demand	100	15.0	100	0	100	85 - 115				

MS Sample ID: **HS25081040-01MS** Units: **mg/L** Analysis Date: **26-Aug-2025 13:00**
Client ID: **001** Run ID: **WetChem_HS_520521** SeqNo: **9004382** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chemical Oxygen Demand	70	15.0	50	21	98.0	80 - 120				

MSD Sample ID: **HS25081040-01MSD** Units: **mg/L** Analysis Date: **26-Aug-2025 13:00**
Client ID: **001** Run ID: **WetChem_HS_520521** SeqNo: **9004381** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chemical Oxygen Demand	69	15.0	50	21	96.0	80 - 120	70	1.44	20	

The following samples were analyzed in this batch: HS25081040-01 HS25081040-02 HS25081040-03 HS25081040-04 HS25081040-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25081040

QC BATCH REPORT

Batch ID: R520522 (0) **Instrument: Balance1** **Method: TOTAL DISSOLVED SOLIDS BY SM2540C**

MBLK Sample ID: **WMBLK-08262025** Units: **mg/L** Analysis Date: **26-Aug-2025 09:00**
Client ID: Run ID: **Balance1_520522** SeqNo: **9004401** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Total Dissolved Solids (Residue, Filterable)	U	10.0								

LCS Sample ID: **WLCS-08262025** Units: **mg/L** Analysis Date: **26-Aug-2025 09:00**
Client ID: Run ID: **Balance1_520522** SeqNo: **9004400** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Total Dissolved Solids (Residue, Filterable)	964	10.0	1000	0	96.4	85 - 115				

DUP Sample ID: **HS25081056-02DUP** Units: **mg/L** Analysis Date: **26-Aug-2025 09:00**
Client ID: Run ID: **Balance1_520522** SeqNo: **9004395** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Total Dissolved Solids (Residue, Filterable)	15200	10.0					15060	0.925	20	

DUP Sample ID: **HS25081056-01DUP** Units: **mg/L** Analysis Date: **26-Aug-2025 09:00**
Client ID: Run ID: **Balance1_520522** SeqNo: **9004393** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Total Dissolved Solids (Residue, Filterable)	5640	10.0					5140	9.28	20	

The following samples were analyzed in this batch: HS25081040-01 HS25081040-02 HS25081040-03 HS25081040-04 HS25081040-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25081040

QC BATCH REPORT

Batch ID: R521203 (0) **Instrument: Balance1** **Method: OIL & GREASE BY E1664A**

MBLK Sample ID: **WMBLK-09052025** Units: **mg/L** Analysis Date: **05-Sep-2025 06:25**
Client ID: Run ID: **Balance1_521203** SeqNo: **9019040** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Oil and Grease	U	2.00								

LCS Sample ID: **LCS-09052025** Units: **mg/L** Analysis Date: **05-Sep-2025 06:25**
Client ID: Run ID: **Balance1_521203** SeqNo: **9019038** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Oil and Grease	43.2	2.00	40	0	108	78 - 114				

LCSD Sample ID: **LCSD-09052025** Units: **mg/L** Analysis Date: **05-Sep-2025 06:25**
Client ID: Run ID: **Balance1_521203** SeqNo: **9019039** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Oil and Grease	44.8	2.00	40	0	112	78 - 114	43.2	3.64	18	

MS Sample ID: **HS25081419-01MS** Units: **mg/L** Analysis Date: **05-Sep-2025 06:25**
Client ID: Run ID: **Balance1_521203** SeqNo: **9019023** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Oil and Grease	44.5	2.00	40	3.83	102	78 - 114				

The following samples were analyzed in this batch: HS25081040-01 HS25081040-02 HS25081040-03 HS25081040-04 HS25081040-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: **HS25081040**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL/SDL

Acronym	Description
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

Unit Reported	Description
µg/L	Micrograms per Liter
mg/L	Milligrams per Liter
pH Units	

RIGHT SOLUTIONS | RIGHT PARTNER

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arizona	AZ0793	27-May-2026
Arkansas	88-00356_2024	17-Mar-2026
California	2919 - 2025	30-Apr-2026
Dept of Defense	L24-240	30-Apr-2026
Dept of Defense	L24-239	30-Apr-2026
Florida	E87611-2025	30-Jun-2026
Illinois	200032 - 2025	31-Jul-2026
Kansas	KS-C25-00168	31-Jul-2026
Kentucky	123043-2025	30-Apr-2026
Louisiana	03087-2025	30-Jun-2026
Maine	2024017	23-Jun-2026
Michigan	9971-2025	30-Apr-2026
Minnesota	2856348	31-Dec-2025
Missouri	136	30-Sep-2026
Nebraska	NE-OS-25-13 - 2025	30-Apr-2026
Nevada	NV-C25-00124 - 2025	31-Jul-2026
New Hampshire	209425	24-Apr-2026
New Jersey	TX008-2025	30-Jun-2026
New York	11707 - 2025	01-Apr-2026
North Carolina	624 - 2024	31-Dec-2025
North Dakota	R-193 2023-2024	30-Sep-2025
Oregon	TX200002-013	15-May-2026
Pennsylvania	019	01-Jul-2026
Tennessee	TN	30-Apr-2026
Texas	TX-C25-00104	30-Apr-2026

RIGHT SOLUTIONS | RIGHT PARTNER

Sample Receipt Checklist

Work Order ID: HS25081040 **Date/Time Received:** **21-Aug-2025 09:18**

Client Name: LBC **Received by:** **Paresh M. Giga**

Completed By:	/S/ Paresh M. Giga	21-Aug-2025 11:18	**Reviewed by:**	/S/ Beverly Mustafa	22-Aug-2025 08:11
	eSignature	Date/Time		eSignature	Date/Time

Matrices: **Water** Carrier name: **Client**

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
VOA/TX1005/TX1006 Solids in hermetically sealed vials?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	1 Page(s)
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	COC IDs:349009
Samplers name present on COC?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☐	No ☑	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):	4.2C; 1.3C; 4.0C; 2.4C; 1.8C U/C	IR37	
Cooler(s)/Kit(s):	54173/52894/50824/53925/54266		
Date/Time sample(s) sent to storage:	8/21/25		
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐
pH adjusted?	Yes ☐	No ☑	N/A ☐
pH adjusted by:			

Login Notes: All Fecal received out of hold.
Proceed per SL. No Enterococci required.
No LL Hg vials received

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

Corrective Action:

RIGHT SOLUTIONS | RIGHT PARTNER

Cincinnati, OH +1 513 733 5336
Fort Collins, CO +1 970 490 1511
Everett, WA +1 425 356 2600
Holland, MI +1 616 399 6070

Chain of Custody Form

Page ____ of ____

COC ID: 349009

HS25081040

LBC Houston/Baton Rouge
NPDES Permit

ALS Project Manager:

Customer Information		Project Information	
Purchase Order		Project Name	NPDES Permit
Work Order		Project Number	
Company Name	LBC Houston/Baton Rouge	Bill To Company	LBC Houston
Send Report To	Bobby Panepinto	Invoice Attn	Accounts Payable
Address	11666 Port Rd.	Address	2625 Bay Area Boulevard Suite 200
City/State/Zip	Seabrook	City/State/Zip	Houston TX 77058
Phone	(281) 291-3402	Phone	(281) 291-3498
Fax		Fax	(281) 605-5246
e-Mail Address	b-panepinto@lbctt.com	e-Mail Address	payables@lbctt.com

A	VOC 624
B	SVOC 625,PCB 608 [1]
C	Metals 200.8, HG_WW [2]
D	Ammonia, TKN
E	Anions Cl,F,SO4,NO3,p H,TDS,TSS,Cr Hex,Cr Tri [3]
F	Cyanide, Total [4]
G	BOD,CBOD, Diss Oxygen, Rec Cl [1]
H	Phos, TOC, COD [1]
I	O&G, Sub_LL HG (Holland), Sub 7065 to Eurofins Stafford [5]
J	SUB_Fecal Coliform, Enterococci (Eurofins Pasadena) [6]

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	001	8-20-25	15cc	water	AS requested	25	3	4	1	0	4	1	3	3	3	3	
2	002	8-20-25	2cc	water	AS requested	24	3	4	1	0	4	1	3	3	3	3	
3	003	8-20-25	14cc	water	AS requested	24	3	4	1	0	4	1	3	3	3	3	
4	004	8-20-25	12cc	water	AS requested	24	3	4	1	0	4	1	3	3	3	3	
5	005	8-20-25	13cc	water	AS requested	24	3	4	1	0	4	1	3	3	3	3	
6																	
7																	
8																	
9																	
10																	

Sampler(s) Please Print & Sign: Braden Baldwin

Shipment Method: Pickup

Required Turnaround Time: (Check Box) ☐ Other ____ Results Due Date:
☒ STD 10 Wk Days ☐ 5 Wk Days ☐ 2 Wk Days ☒ 24 Hour — 24 hour

Relinquished by: John Sanders	Date: 8-21-25	Time: 9:18	Received by:	
Relinquished by:	Date:	Time:	Received by (Laboratory): 8/21/25	09:18
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

Notes:

Cooler ID	Cooler Temp.
	sic.
54173	4.2°
52894	1.3°
50824	4.0°
53925	2.4°
54266	1.8°

QC Package: (Check One Box Below)
☒ Level II Std QC
☐ Level III Std QC/Raw Data
☐ Level IV SW846/CLP
☐ Other
☐ TRRP Checklist
☐ TRRP Level IV

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

#37 Clf-0.0

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

Copyright 2011 by ALS Environmental.

RIGHT SOLUTIONS | RIGHT PARTNER

ANALYTICAL REPORT

PREPARED FOR

Attn: Bernadette Fini
ALS Group USA Corp
10450 Stancliff Rd.
Suite 210
Houston, Texas 77099

Generated 9/1/2025 7:28:01 AM

JOB DESCRIPTION

HS25081040

JOB NUMBER

860-109664-1

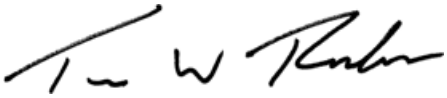
Eurofins Houston

Job Notes

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

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

Authorization



Generated
9/1/2025 7:28:01 AM

Authorized for release by
Travis Richter, Project Manager
Travis.Richter@et.eurofinsus.com
(281)794-7216

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 5
Detection Summary 6
Client Sample Results 7
QC Sample Results 8
QC Association Summary 9
Lab Chronicle 10
Certification Summary 11
Method Summary 12
Sample Summary 13
Chain of Custody 14
Receipt Checklists 17

RIGHT SOLUTIONS | RIGHT PARTNER

Qualifiers

GC/MS Semi VOA

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

Glossary

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

Job Narrative
860-109664-1

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

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

Receipt
The samples were received on 8/21/2025 2:50 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.3°C.

GC/MS Semi VOA
Method D7065_11: Surrogate recovery for the following samples was outside control limits: 001 (860-109664-1), 002 (860-109664-2), 003 (860-109664-3), 004 (860-109664-4) and 005 (860-109664-5). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

Detection Summary

Client: ALS Group USA Corp
Project/Site: HS25081040

Job ID: 860-109664-1

Client Sample ID: 001 — Lab Sample ID: 860-109664-1

No Detections.

Client Sample ID: 002 — Lab Sample ID: 860-109664-2

No Detections.

Client Sample ID: 003 — Lab Sample ID: 860-109664-3

No Detections.

Client Sample ID: 004 — Lab Sample ID: 860-109664-4

No Detections.

Client Sample ID: 005 — Lab Sample ID: 860-109664-5

No Detections.

This Detection Summary does not include radiochemical test results.

Client: ALS Group USA Corp
Project/Site: HS25081040

Job ID: 860-109664-1

Client Sample ID: 001
Lab Sample ID: 860-109664-1
Date Collected: 08/20/25 19:00
Matrix: Water
Date Received: 08/21/25 14:50

Method: ASTM D7065-17 - Determination of Nonylphenols

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bisphenol-A	<972	U	1940	972	ng/L		08/27/25 09:58	08/28/25 14:33	1
Nonylphenol	<2430	U	4860	2430	ng/L		08/27/25 09:58	08/28/25 14:33	1

Client Sample ID: 002
Lab Sample ID: 860-109664-2
Date Collected: 08/20/25 20:00
Matrix: Water
Date Received: 08/21/25 14:50

Method: ASTM D7065-17 - Determination of Nonylphenols

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bisphenol-A	<956	U	1910	956	ng/L		08/27/25 09:58	08/28/25 14:55	1
Nonylphenol	<2390	U	4780	2390	ng/L		08/27/25 09:58	08/28/25 14:55	1

Client Sample ID: 003
Lab Sample ID: 860-109664-3
Date Collected: 08/20/25 21:00
Matrix: Water
Date Received: 08/21/25 14:50

Method: ASTM D7065-17 - Determination of Nonylphenols

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bisphenol-A	<970	U	1940	970	ng/L		08/27/25 09:58	08/28/25 15:16	1
Nonylphenol	<2430	U	4850	2430	ng/L		08/27/25 09:58	08/28/25 15:16	1

Client Sample ID: 004
Lab Sample ID: 860-109664-4
Date Collected: 08/20/25 22:00
Matrix: Water
Date Received: 08/21/25 14:50

Method: ASTM D7065-17 - Determination of Nonylphenols

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bisphenol-A	<1000	U	2010	1000	ng/L		08/27/25 09:58	08/28/25 15:37	1
Nonylphenol	<2510	U	5020	2510	ng/L		08/27/25 09:58	08/28/25 15:37	1

Client Sample ID: 005
Lab Sample ID: 860-109664-5
Date Collected: 08/20/25 23:00
Matrix: Water
Date Received: 08/21/25 14:50

Method: ASTM D7065-17 - Determination of Nonylphenols

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bisphenol-A	<1000	U	2010	1000	ng/L		08/27/25 09:58	08/28/25 15:59	1
Nonylphenol	<2510	U	5020	2510	ng/L		08/27/25 09:58	08/28/25 15:59	1

Client: ALS Group USA Corp
Project/Site: HS25081040

Job ID: 860-109664-1

Method: D7065-17 - Determination of Nonylphenols

Lab Sample ID: MB 280-710934/1-A
Matrix: Water
Analysis Batch: 711249

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 710934

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bisphenol-A	<1000	U	2000	1000	ng/L		08/27/25 09:58	08/28/25 12:25	1
Nonylphenol	<2500	U	5000	2500	ng/L		08/27/25 09:58	08/28/25 12:25	1

Lab Sample ID: LCS 280-710934/2-A
Matrix: Water
Analysis Batch: 711249

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 710934

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bisphenol-A	10200	8857		ng/L		87	52 - 120
Nonylphenol	51300	47760		ng/L		93	56 - 112

Lab Sample ID: LCSD 280-710934/3-A
Matrix: Water
Analysis Batch: 711249

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 710934

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bisphenol-A	10200	7740		ng/L		76	52 - 120	13	22
Nonylphenol	51300	49090		ng/L		96	56 - 112	3	22

Client: ALS Group USA Corp
Project/Site: HS25081040

Job ID: 860-109664-1

GC/MS Semi VOA

Prep Batch: 710934

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109664-1	001	Total/NA	Water	D7065-11	
860-109664-2	002	Total/NA	Water	D7065-11	
860-109664-3	003	Total/NA	Water	D7065-11	
860-109664-4	004	Total/NA	Water	D7065-11	
860-109664-5	005	Total/NA	Water	D7065-11	
MB 280-710934/1-A	Method Blank	Total/NA	Water	D7065-11	
LCS 280-710934/2-A	Lab Control Sample	Total/NA	Water	D7065-11	
LCSD 280-710934/3-A	Lab Control Sample Dup	Total/NA	Water	D7065-11	

Analysis Batch: 711249

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109664-1	001	Total/NA	Water	D7065-17	710934
860-109664-2	002	Total/NA	Water	D7065-17	710934
860-109664-3	003	Total/NA	Water	D7065-17	710934
860-109664-4	004	Total/NA	Water	D7065-17	710934
860-109664-5	005	Total/NA	Water	D7065-17	710934
MB 280-710934/1-A	Method Blank	Total/NA	Water	D7065-17	710934
LCS 280-710934/2-A	Lab Control Sample	Total/NA	Water	D7065-17	710934
LCSD 280-710934/3-A	Lab Control Sample Dup	Total/NA	Water	D7065-17	710934

Lab Chronicle

Client: ALS Group USA Corp
Project/Site: HS25081040

Job ID: 860-109664-1

Client Sample ID: 001

Lab Sample ID: 860-109664-1

Date Collected: 08/20/25 19:00

Matrix: Water

Date Received: 08/21/25 14:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	D7065-11			257.3 mL	10 mL	710934	08/27/25 09:58	EDW	EET DEN
Total/NA	Analysis	D7065-17		1	200 uL	200 uL	711249	08/28/25 14:33	CAR	EET DEN

Client Sample ID: 002

Lab Sample ID: 860-109664-2

Date Collected: 08/20/25 20:00

Matrix: Water

Date Received: 08/21/25 14:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	D7065-11			261.4 mL	10 mL	710934	08/27/25 09:58	EDW	EET DEN
Total/NA	Analysis	D7065-17		1	200 uL	200 uL	711249	08/28/25 14:55	CAR	EET DEN

Client Sample ID: 003

Lab Sample ID: 860-109664-3

Date Collected: 08/20/25 21:00

Matrix: Water

Date Received: 08/21/25 14:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	D7065-11			257.7 mL	10 mL	710934	08/27/25 09:58	EDW	EET DEN
Total/NA	Analysis	D7065-17		1	200 uL	200 uL	711249	08/28/25 15:16	CAR	EET DEN

Client Sample ID: 004

Lab Sample ID: 860-109664-4

Date Collected: 08/20/25 22:00

Matrix: Water

Date Received: 08/21/25 14:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	D7065-11			249.2 mL	10 mL	710934	08/27/25 09:58	EDW	EET DEN
Total/NA	Analysis	D7065-17		1	200 uL	200 uL	711249	08/28/25 15:37	CAR	EET DEN

Client Sample ID: 005

Lab Sample ID: 860-109664-5

Date Collected: 08/20/25 23:00

Matrix: Water

Date Received: 08/21/25 14:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	D7065-11			249.2 mL	10 mL	710934	08/27/25 09:58	EDW	EET DEN
Total/NA	Analysis	D7065-17		1	200 uL	200 uL	711249	08/28/25 15:59	CAR	EET DEN

Laboratory References:

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

Accreditation/Certification Summary

Client: ALS Group USA Corp
Project/Site: HS25081040

Job ID: 860-109664-1

Laboratory: Eurofins Denver

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

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	2907.01	10-31-26
A2LA	ISO/IEC 17025	2907.01	10-31-26
Alabama	State Program	40730	09-30-12 *
Alaska (UST)	State	18-001	11-30-25
Arizona	State	AZ0713	12-20-25
Arkansas DEQ	State	88-00687	04-02-26
California	State	2513	01-08-26
Colorado	Petroleum Storage Tank Program	2907.01 (A2LA)	10-31-26
Colorado	State	CO00026	06-30-26
Connecticut	State	PH-0686	09-30-26
Florida	NELAP	E87667	06-30-26
Georgia	State	4025	01-08-26
Illinois	NELAP	200017	05-31-26
Iowa	State	370	12-01-26
Kansas	NELAP	E-10166	04-30-26
Kentucky (WW)	State	KY98047	12-31-25
Louisiana	NELAP	30785	06-30-14 *
Louisiana (All)	NELAP	30785	06-30-26
Minnesota	NELAP	1788752	12-31-25
Montana (DW)	State	CERT0117	01-01-26
Nevada	State	CO00026	07-31-26
New Hampshire	NELAP	2053	04-28-26
New Jersey	NELAP	CO004	06-30-26
New York	NELAP	11964	04-01-26
North Dakota	State	R-034	07-25-25 *
Oklahoma	NELAP	8614	08-31-25
Oregon	NELAP	4025	01-08-26
Pennsylvania	NELAP	68-00664	07-31-26
South Carolina	State	72002001	01-18-26
Texas	NELAP	TX104704183-08-TX	09-30-09 *
Texas	NELAP	T104704183	09-30-25
US Fish & Wildlife	US Federal Programs	058448	07-31-26
USDA	US Federal Programs	P330-20-00065	12-19-25
Utah	NELAP	QUAN5	06-30-13 *
Utah	NELAP	CO00026	07-31-25 *
Virginia	NELAP	460232	06-14-26
Washington	State	C583	08-03-26
West Virginia DEP	State	354	11-30-25
Wisconsin	State	999615430	08-31-26
Wyoming (UST)	A2LA	2907.01	06-09-26

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

Method Summary

Client: ALS Group USA Corp
Project/Site: HS25081040

Job ID: 860-109664-1

Method	Method Description	Protocol	Laboratory
D7065-17	Determination of Nonylphenols	ASTM	EET DEN
D7065-11	Liquid-Liquid Extraction (Continuous)	ASTM	EET DEN

Protocol References:

ASTM = ASTM International

Laboratory References:

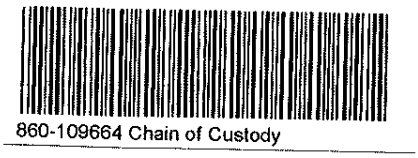
EET DEN = Eurofins Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

Sample Summary

Client: ALS Group USA Corp
Project/Site: HS25081040

Job ID: 860-109664-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
860-109664-1	001	Water	08/20/25 19:00	08/21/25 14:50	Texas
860-109664-2	002	Water	08/20/25 20:00	08/21/25 14:50	Texas
860-109664-3	003	Water	08/20/25 21:00	08/21/25 14:50	Texas
860-109664-4	004	Water	08/20/25 22:00	08/21/25 14:50	Texas
860-109664-5	005	Water	08/20/25 23:00	08/21/25 14:50	Texas



10450 Stancliff Rd, Ste 210
Houston, TX 77099
T. +1 281 530 5656
F +1 281 530 5887
www.alsglobal.com

Subcontract Chain of Custody

SAMPLING STATE: **Texas** **COC ID:** **29301**

SUBCONTRACT TO:

Eurofins Laboratories Envt Testing
4145 Greenbriar Dr
Stafford, TX 77477 **Phone:** +1 281 240 4200

CUSTOMER INFORMATION:

Company	ALS Houston
Contact:	Sebastian Lugo
Address:	10450 Stancliff Rd, Ste 210
Phone.	+1 281 530 5656
Email:	sebastian lugo@alsglobal com
Alternate Contact	Jumoke M Lawal
Email:	jumoke lawal@alsglobal com

INVOICE INFORMATION:

Company:	ALS Houston
Contact	Accounts Payable
Address·	10450 Stancliff Rd, Ste 210
Phone.	+1 281 530 5656
Reference:	HS25081040
TSR	Houston House Acct

	LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	COLLECT DATE
	ANALYSIS REQUESTED			DUE DATE
1.	**HS25081040-01**	**001**	**Water**	**20 Aug 2025 19:00**
	Subbed to Eurofins Denver Eurofins Stafford will be sending the sample Report to MDL. for 4,4' Isopropylidenediphenol (bisphenol A) and Nonylphenol by 7065			05 Sep 2025
2.	**HS25081040-02**	**002**	**Water**	**20 Aug 2025 20:00**
	Subbed to Eurofins Denver Eurofins Stafford will be sending the sample Report to MDL. for 4 4' Isopropylidenediphenol (bisphenol A) and Nonylphenol by 7065			05 Sep 2025
3.	**HS25081040-03**	**003**	**Water**	**20 Aug 2025 21 00**
	Subbed to Eurofins Denver Eurofins Stafford will be sending the sample Report to MDL. for 4,4' Isopropylidenediphenol (bisphenol A) and Nonylphenol by 7065			05 Sep 2025
4.	**HS25081040-04**	**004**	**Water**	**20 Aug 2025 22:00**
	Subbed to Eurofins Denver Eurofins Stafford will be sending the sample Report to MDL. for 4,4' Isopropylidenediphenol (bisphenol A) and Nonylphenol by 7065			05 Sep 2025
5.	**HS25081040-05**	**005**	**Water**	**20 Aug 2025 23:00**
	Subbed to Eurofins Denver Eurofins Stafford will be sending the sample Report to MDL. for 4,4 Isopropylidenediphenol (bisphenol A) and Nonylphenol by 7065			05 Sep 2025

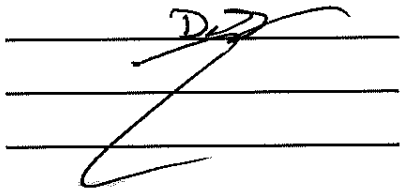
Comments: Please analyze for the analysis listed above
Send report to the emails shown above

RIGHT SOLUTIONS | RIGHT PARTNER

Subcontract Chain of Custody

SAMPLING STATE: **Texas** **COC ID:** **29301**

QC Level: STD (Laboratory Standard QC method blank and LCS required)

Relinquished By		Date/Time	8.21.25 1450
Received By		Date/Time	8-21-25 1450
Cooler ID(s)		Temperature(s)	3.5° ice blue368

RIGHT SOLUTIONS | RIGHT PARTNER

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

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Richter, Travis W	Carrier Tracking No(s): N/A	COC No: 860-251555.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Travis.Richter@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Texas		Job #: 860-109664-1
Address: 4955 Yarrow Street, ,	Due Date Requested: 9/5/2025			
City: Arvada	TAT Requested (days): N/A			
State, Zip: CO, 80002				
Phone: 303-736-0100(Tel) 303-431-7171(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: HS25081040	Project #: 86000590			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	D7065_11/D7065_11_W_Prep(MOD) Copy Analytes	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
001 (860-109664-1)	8/20/25	19:00 Central	G	Water			X	1	
002 (860-109664-2)	8/20/25	20:00 Central	G	Water			X	1	
003 (860-109664-3)	8/20/25	21:00 Central	G	Water			X	1	
004 (860-109664-4)	8/20/25	22:00 Central	G	Water			X	1	
005 (860-109664-5)	8/20/25	23:00 Central	G	Water			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

	Date/Time	Company	Received by:	Date/Time	Company
Relinquished by:	8-25-25 1701			8.26.25 0925	EETDEN
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact:	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
		1.6°C PABCF-0.2

RIGHT SOLUTIONS | RIGHT PARTNER

Login Sample Receipt Checklist

Client: ALS Group USA Corp

Job Number: 860-109664-1

Login Number: 109664

List Number: 1

Creator: Grandits, Corey

List Source: Eurofins Houston

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

Login Sample Receipt Checklist

Client: ALS Group USA Corp

Job Number: 860-109664-1

Login Number: 109664
List Number: 2
Creator: Held, Wesley

List Source: Eurofins Denver
List Creation: 08/26/25 02:54 PM

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

eurofins | Built Environment Testing

Report for:

Jumoke Lawal, Sebastian Lugo
ALS Group USA, Houston
10450 Stancliff Rd., Suite 210
Houston, TX 77099

Regarding: Eurofins Built Environment Testing Central, LLC
Project: HS25081040; 29300
EML ID: 4197246

Approved by:



Business Unit Manager
Scott Ward

Dates of Analysis:
QuantiTray-sewage screen w/ Fecal coliform: 08-26-2025

Service SOPs: QuantiTray-sewage screen w/ Fecal coliform (EM-BT-S-1055)

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the samples as received and tested.

Eurofins Built Environment Testing Central, LLC ("the Company"), a member of the Eurofins Built Environment Testing group of companies, shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

RIGHT SOLUTIONS | RIGHT PARTNER

Eurofins Built Environment Testing Central, LLC
3113 Red Bluff Road, Pasadena, TX 77503
713-290-0223 www.eurofinsus.com/Built

Client: ALS Group USA, Houston
C/O: Jumoke Lawal, Sebastian Lugo
Re: HS25081040; 29300

Date of Sampling: 08-20-2025
Date of Receipt: 08-21-2025
Date of Report: 08-26-2025

MPN Quantitray

Location:	1: 001	2: 002	3: 003	4: 004	5: 005
Comments (see below)	None	None	None	None	None
Lab ID-Version‡:	20979738-1	20979739-1	20979740-1	20979741-1	20979742-1
Date Prepared	08/21/25	08/21/25	08/21/25	08/21/25	08/21/25
Date Analyzed	08/26/25	08/26/25	08/26/25	08/26/25	08/26/25
	MPN/100 ml	MPN/100 ml	MPN/100 ml	MPN/100 ml	MPN/100 ml
E. coli	1203.3	1986.3	1732.9	>2419.6	>2419.6
Enterococcus	1011.2	>2419.6	>2419.6	>2419.6	>2419.6
Fecal coliform	>2419.6	>2419.6	>2419.6	>2419.6	>2419.6
Total coliform	>2419.6	>2419.6	>2419.6	>2419.6	>2419.6

Comments:

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

RIGHT SOLUTIONS | RIGHT PARTNER

Eurofins Built Environment Testing Central, LLC
3113 Red Bluff Road, Pasadena, TX 77503
713-290-0223 www.eurofinsus.com/Built

Client: ALS Group USA, Houston
C/O: Jumoke Lawal, Sebastian Lugo
Re: HS25081040; 29300

Date of Sampling: 08-20-2025
Date of Receipt: 08-21-2025
Date of Report: 08-26-2025

MPN Quantitray

PROJECT ANALYST AND SIGNATORY REPORT

Project Analyst



Analyst: Marjorie M Condis

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. The Company reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

RIGHT SOLUTIONS | RIGHT PARTNER

BAYTANK HOUSTON INC
12211 PORT RD
SEABROOK TX 77586

BAYPORT HOLDING LLC
595 ORLEANS ST FL 15
BEAUMONT TX 77701

PORT OF HOUSTON AUTHORITY
111 EAST LOOP N
HOUSTON TX 77029

CENTERPOINT ENERGY HOUSTON ELECTRIC LLC
1111 LOUISIANA FLR 38
HOUSTON TX 77702

ECHO US HOLDINGS LLC
430 PARK AVENUE
NEW YORK NY 10022

EXXON MOBIL CORPORATION
PO BOX 53
HOUSTON TX 77001

WIGGINS KAREN I
901 S COUNTY CLUB DR
LA PORTE TX 77571

CITY OF SHOREACRES
601 SHORE ACRES BLVD
LA PORTE TX 77571

GIOELLE CHARLES AND NANCY
3510 W BAYOU DR
LA PORTE TX 77571

LOPEZ CARLOS III
3508 W BAYOU DR
LA PORTE TX 77571

GOMEZ MELITON AND MARIA L
950 SHORE ACRES BLVD
LA PORTE TX 77571

SEAGO MARY
3414 BAYOU DR
LA PORTE TX 77571

LASTER KEVIN W AND TINA M
3415 E BAYOU DR
LA PORTE TX 77571

GOVEA EDISON AND SHELLY R
3421 E BAYOU DR
LA PORTE TX 77571

MANCIAS ERASMO AND GRACIA
606 BRIAR BREEK DR
LA PORTE TX 77571

ROGERS ROBERT AND DOLORES
3511 E BAYOU DR
LA PORTE TX 77571

RS RENTAL III A LLC
32 MERCER ST 4TH FLOOR
NEW YORK NY 10013

INNS MITCHELL HUNTER
1125 GRACE ST
DEER PARK TX 77536

MAHER MARY B
2410 W 8TH ST
AUSTIN TX 78703

ALVAREZ TIMOTHY WAYNE
869 S COUNTRY CLUB DR
LA PORTE TX 77571

HOWIE FREDRICK L
865 S COUNTRY CLUB DR
LA PORTE TX 77571

ADLER NATHAN AND REGAN
825 S COUNTRY CLUB DR
LA PORTE TX 77571

YOKEM KIMBERLY E
861 S COUNTRY CLUB DR
LA PORTE TX 77571

GLOVER SHARI L
809 S COUNTRY CLUB DR
LA PORTE TX 77571

NAUMANN HELMU J AND MARCELLA
805 S COUNTRY CLUB DR
LA PORTE TX 77571

PORTILLO HENRY
3525 E COUNTRY CLUB DR
LA PORTE TX 77571

PEREZ PEDRO AND CONSUELO
3804 NEWTON DR
PASADENA TX 77503

YODER DR NELSON J
PO BOX 1546
LA PORTE TX 77571

CROSSER ROBERT M
619 S SHADY LN
LA PORTE TX 77571

WEATHERLY BRITT AND KALEEN
PO BOX 373
LA PORTE TX 77572

ENGLISH

APPLICATION. LBC Houston, L.P., 2625 Bay Area Boulevard, Houston, Texas 77058, which owns an organic chemical and petroleum bulk liquid storage terminal, has applied to the Texas Commission on Environmental Quality (TCEQ) to amend Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0002110000 (EPA I.D. No. TX0075302) with renewal to authorize removal of the zinc limits from Outfall 002, to add new waste streams to include the discharge of reverse osmosis wastewater and storm water associated with construction activities through Outfalls 001-005, and to relocate Outfall 001. The facility is located at 11666 Port Road, near the city of Seabrook, in Harris County, Texas 77586. The discharge route is from the plant site via Outfalls 001 and 002 to a Harris County Flood Control District (HCFCD) ditch; via Outfalls 003 and 004 to a HCFCD ditch; and via Outfall 005 to an unnamed ditch; thence all outfalls to Bayport Channel (pending RWA). TCEQ received this application on September 8, 2025. The permit application will be available for viewing and copying at Evelyn Meador Library, 2400 North Meyer Avenue, Seabrook, in Harris 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=-95.02593,29.604438&level=18

Further information may also be obtained from LBC Houston, L.P. at the address stated above or by calling Mr. Bobby Panepinto, Regional Manager, Regulatory Compliance, at 281-291-3402.

SPANISH

APLICACIÓN. LBC Houston, L.P., 2625 Bay Area Boulevard, Houston, Texas 77058, que posee una terminal de almacenamiento de productos químicos orgánicos y líquidos a granel de petróleo, ha solicitado a la Comisión de Calidad Ambiental de Texas (TCEQ) que enmiende el Permiso No. WQ0002110000 (EPA I.D. No. TX0075302) con la renovación para autorizar la eliminación de los límites de zinc del desagüe 002, para agregar nuevos flujos de desechos para incluir la descarga de aguas residuales de ósmosis inversa y aguas pluviales asociadas con las actividades de construcción a través de los desagües 001-005, y para reubicar el desagüe 001. La instalación está ubicada en 11666 Port Road, cerca de la ciudad de Seabrook, en el condado de Harris, Texas 77586. La ruta de descarga es desde el sitio de la planta a través de los desagües 001 y 002 hasta una zanja del Distrito de Control de Inundaciones del Condado de Harris (HCFCD); a través de los emisarios 003 y 004 a una zanja de HCFCD; y a través del Desagüe 005 a una zanja sin nombre; desde allí todos los emisarios al canal de Bayport (pendiente de RWA). La TCEQ recibió esta solicitud el 8 de septiembre de 2025. La solicitud de permiso estará disponible para ver y copiar en la Biblioteca Evelyn Meador, 2400 North Meyer Avenue, Seabrook, en el condado de Harris, Texas, antes de la fecha en que se publique 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 instalación se proporciona como cortesía pública y no como parte de la solicitud o aviso. Para conocer la ubicación exacta, consulte la aplicación. https://gisweb.tceq.texas.gov/LocationMapper/?marker=-95.02593,29.604438&level=18

También se puede obtener más información de LBC Houston, L.P. en la dirección indicada anteriormente o llamando al Sr. Bobby Panepinto, Gerente Regional de Cumplimiento Normativo, al 281-291-3402.

Brooke T. Paup, *Chairwoman*
Bobby Janecka, *Commissioner*
Catarina R. Gonzales, *Commissioner*
Kelly Keel, *Executive Director*

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

September 8, 2025

Re: Confirmation of Submission of the New Industrial Wastewater Individual Permit Application

Dear Applicant:

This is an acknowledgement that you have successfully completed Industrial Wastewater Individual Permit Application.

ER Account Number: ER019468
Application Reference Number: 815932
Authorization Number: WQ0005498000
Site Name: Lbc Houston Bayport Terminal
Regulated Entity: RN101041598 - LBC HOUSTON BAYPORT TERMINAL
Customer(s): CN601179849 - Lbc Houston, L.P.

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

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

Sincerely,
Applications Review and Processing Team
Water Quality Division

Texas Commission on Environmental Quality

New Domestic or Industrial Individual Permit

Site Information (Regulated Entity)

What is the name of the site to be authorized?	LBC HOUSTON BAYPORT TERMINAL
Does the site have a physical address?	Yes
Physical Address	
Number and Street	11666 PORT RD
City	SEABROOK
State	TX
ZIP	77586
County	HARRIS
Latitude (N) (##.######)	29.606111
Longitude (W) (-###.######)	-95.025
Primary SIC Code	
Secondary SIC Code	
Primary NAICS Code	49319
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN101041598
What is the name of the Regulated Entity (RE)?	LBC HOUSTON BAYPORT TERMINAL
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	11666 PORT RD
City	SEABROOK
State	TX
ZIP	77586
County	HARRIS
Latitude (N) (##.######)	29.606111
Longitude (W) (-###.######)	-95.025
Facility NAICS Code	49319
What is the primary business of this entity?	INDUSTRIAL PETROLEUM CHEMICAL BULK LIQUID STORAGE

LBC Hou-Customer (Applicant) Information (Owner)

How is this applicant associated with this site?	Owner
What is the applicant's Customer Number (CN)?	CN601179849
Type of Customer	Partnership
Full legal name of the applicant:	
Legal Name	LBC Houston, L.P.
Texas SOS Filing Number	14621011
Federal Tax ID	741920179
State Franchise Tax ID	17419201797
State Sales Tax ID	
Local Tax ID	
DUNS Number	92487172
Number of Employees	101-250
Independently Owned and Operated?	No
I certify that the full legal name of the entity applying for this permit has been provided and is legally authorized to do business in Texas.	Yes
Responsible Authority Contact	
Organization Name	LBC Houston, L.P.
Prefix	
First	Jeremy
Middle	
Last	Alberty
Suffix	
Credentials	
Title	Operations Director, North America
Responsible Authority Mailing Address	
Enter new address or copy one from list:	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	2625 BAY AREA BLVD
Routing (such as Mail Code, Dept., or Attn:)	
City	HOUSTON
State	TX
ZIP	77058
Phone (###-###-####)	2812913401
Extension	
Alternate Phone (###-###-####)	

Fax (###-###-####)	
E-mail	j-alberty@lbctt.com

Billing Contact

Responsible contact for receiving billing statements:	
Select the permittee that is responsible for payment of the annual fee.	CN601179849, LBC Houston, L.P.
Organization Name	LBC Houston, L.P.
Prefix	
First	Jeremy
Middle	
Last	Alberty
Suffix	
Credentials	
Title	
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	2625 BAY AREA BLVD
Routing (such as Mail Code, Dept., or Attn:)	
City	HOUSTON
State	TX
ZIP	77058
Phone (###-###-####)	2812913401
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	b-panepinto@lbctt.com

Application Contact

Person TCEQ should contact for questions about this application:	
Same as another contact?	CN601179849, LBC Houston, L.P.
Organization Name	LBC Houston, L.P.
Prefix	
First	Bobby
Middle	

Last	Panepinto
Suffix	
Credentials	
Title	Regional Manager, Regulatory Compliance
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	2625 BAY AREA BLVD
Routing (such as Mail Code, Dept., or Attn:)	
City	HOUSTON
State	TX
ZIP	77058
Phone (###-###-####)	2812913401
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	b-panepinto@lbctt.com

Technical Contact

Person TCEQ should contact for questions about this application:	
Same as another contact?	
Organization Name	LBC Tank Terminals
Prefix	MR
First	Jeremy
Middle	
Last	Alberty
Suffix	
Credentials	
Title	Operations Director, North America
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	2625 BAY AREA BLVD
Routing (such as Mail Code, Dept., or Attn:)	
City	HOUSTON
State	TX

ZIP	77058
Phone (###-###-####)	2812913401
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	j-alberty@lbctt.com

DMR Contact

Person responsible for submitting Discharge Monitoring Report Forms:

Same as another contact?	Application Contact
Organization Name	LBC Houston, L.P.
Prefix	
First	Bobby
Middle	
Last	Panepinto
Suffix	
Credentials	
Title	Regional Manager, Regulatory Compliance
Enter new address or copy one from list:	

Mailing Address:

Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	2625 BAY AREA BLVD
Routing (such as Mail Code, Dept., or Attn:)	
City	HOUSTON
State	TX
ZIP	77058
Phone (###-###-####)	2812913401
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	b-panepinto@lbctt.com

Section 1# Permit Contact

Permit Contact#: 1

Person TCEQ should contact throughout the permit term.

1) Same as another contact?	Application Contact
2) Organization Name	LBC Houston, L.P.
3) Prefix	
4) First	Bobby
5) Middle	
6) Last	Panepinto
7) Suffix	
8) Credentials	
9) Title	Regional Manager, Regulatory Compliance
Mailing Address	
10) Enter new address or copy one from list	
11) Address Type	Domestic
11.1) Mailing Address (include Suite or Bldg. here, if applicable)	2625 BAY AREA BLVD
11.2) Routing (such as Mail Code, Dept., or Attn:)	
11.3) City	HOUSTON
11.4) State	TX
11.5) ZIP	77058
12) Phone (###-###-####)	2812913402
13) Extension	
14) Alternate Phone (###-###-####)	
15) Fax (###-###-####)	
16) E-mail	b-panepinto@lbctt.com

Public Notice Information

Individual Publishing the Notices	
1) Prefix	
2) First and Last Name	Bobby Panepinto
3) Credential	
4) Title	
5) Organization Name	LBC Tank Terminals
6) Mailing Address	2625 BAY AREA BLVD
7) Address Line 2	
8) City	HOUSTON
9) State	TX
10) Zip Code	77058
11) Phone (###-###-####)	2812913402

12) Extension	
13) Fax (###-###-####)	
14) Email	b-panepinto@lbctt.com
Contact person to be listed in the Notices	
15) Prefix	
16) First and Last Name	Bobby Panepinto
17) Credential	
18) Title	
19) Organization Name	
20) Phone (###-###-####)	2812913402
21) Fax (###-###-####)	
22) Email	b-panepinto@lbctt.com
Bilingual Notice Requirements	
23) Is a bilingual education program required by the Texas Education Code at the elementary or middle school nearest to the facility or proposed facility?	Yes
23.1) Are the students who attend either the elementary school or the middle school enrolled in a bilingual education program at that school?	Yes
23.2) Do the students at these schools attend a bilingual education program at another location?	Yes
23.3) Would the school be required to provide a bilingual education program but the school has waived out of this requirement under 19 TAC 89.1205(g)?	No
23.4) Which language is required by the bilingual program?	Spanish

Section 1# Public Viewing Information

County#: 1

1) County	HARRIS
2) Public building name	Evelyn Meador Branch Library
3) Location within the building	
4) Physical Address of Building	2400 N Meyer Ave.
5) City	Seabrook
6) Contact Name	
7) Phone (###-###-####)	2814749142
8) Extension	
9) Is the location open to the public?	Yes

Owner Information

Owner of Treatment Facility	
1) Prefix	
2) First and Last Name	
3) Organization Name	LBC Houston LP
4) Mailing Address	2625 Bay Area Boulevard
5) City	Houston
6) State	TX
7) Zip Code	77058
8) Phone (###-###-####)	2812913401
9) Extension	
10) Email	j-alberty@lbctt.com
11) What is ownership of the treatment facility?	Private
Owner of Land (where treatment facility is or will be)	
12) Prefix	
13) First and Last Name	
14) Organization Name	LBC Houston LP
15) Mailing Address	2625 Bay Area Boulevard
16) City	Houston
17) State	TX
18) Zip Code	77058
19) Phone (###-###-####)	2812913401
20) Extension	
21) Email	j-alberty@lbctt.com
22) Is the landowner the same person as the facility owner or co-applicant?	Yes

Admin General Information

1) Is the facility located on or does the treated effluent cross American Indian Land?	No
2) What is the authorization type that you are seeking?	Industrial Wastewater
2.1) Are the discharges at your facility subjected to federal effluent limitation guidelines (ELG) 40 CFR Part 400-471?	No
3) What is your facility operational status?	Active
3.1) What is your facility operational start date?	01/01/1975
4) What is the classification for your authorization?	TPDES
4.1) City nearest the outfall(s):	Seabrook
4.2) County where the outfalls are located:	HARRIS

4.3) Is or will the treated wastewater discharge to a city, county, or state highway right-of-way, or a flood control district drainage ditch?	No
4.4) Is the daily average discharge at your facility of 5 MGD or more?	No
5) Did any person formerly employed by the TCEQ represent your company and get paid for service regarding this application?	Yes
5.1) List each person formerly employed by the TCEQ who represented your company and was paid for service regarding the application:	Robert Robertson

Plain Language

1) Plain Language

[File Properties]

File Name	LANG_10 SPIF Form (Att F).pdf
Hash	84067F1FDCE69559EF9641A8D23424527D951086BF2051F10042F1C9648E3578
MIME-Type	application/pdf

Supplemental Permit Information Form

1) Supplemental Permit Information Form (SPIF)

[File Properties]

File Name	SPIF_10 SPIF Form (Att F).pdf
Hash	84067F1FDCE69559EF9641A8D23424527D951086BF2051F10042F1C9648E3578
MIME-Type	application/pdf

Industrial Attachments

1) Have you clearly outlined and labeled the required information on the original full size USGS Topographic Map?	Yes

1.1) I certify that I have clearly outlined and labeled the required information on the Topographic map and attached here.

[File Properties]

File Name	MAP_6a Full Size USGS Map (Att D-1).pdf
Hash	C46FAE8C165DD519BEDD74EA9F1BD3B93900F86806346BACCAB0FA904163DBB2
MIME-Type	application/pdf

[File Properties]

File Name	MAP_6b Topographic map (Att D-2).pdf

Hash	A12F68B14C13EAB764E7CD071734A118556A4759A7038D4B8C2341290726043F
MIME-Type	application/pdf

2) Public Involvement Plan (TCEQ Form 20960)

[File Properties]

File Name	PIP_5 Public Involvement Plan (Att C).pdf
Hash	CC3CB82EEEC37CC770FDE9FE532A59D9F045CDAD0F98166B68C411165ADBC552
MIME-Type	application/pdf

3) Administrative Report 1.1

[File Properties]

File Name	ARPT_1 LBC Houston Industrial Administrative Report.pdf
Hash	35931472E3E66D43C12614A80660E4F2D25EB38FB38C18414042289D2F3524CC
MIME-Type	application/pdf

4) I confirm that all required sections of Technical Report 1.0 are complete and will be included in the Technical Attachment.	Yes
4.1) I confirm that Worksheet 2.0 (Pollutant Analyses Requirements) is complete and included in the Technical Attachment.	Yes
4.2) I confirm that Worksheet 4.0 (Receiving Waters) is complete and included in the Technical Attachment.	Yes
4.3) Are you planning to include Worksheet 4.1 (Waterbody Physical Characteristics) in the Technical Attachment?	No
4.4) Are you planning to include Worksheet 6.0 (Industrial Waste Contribution) in the Technical Attachment?	No
4.5) Are you planning to include Worksheet 7.0 (Stormwater Discharges Associated with Industrial Activities) to the Technical Attachment?	No
4.6) Are you planning to include Worksheet 8.0 (Aquaculture) in the Technical Attachment?	No
4.7) Are you planning to include Worksheet 9.0 (Class V Injection Well Inventory/Authorization) in the Technical Attachment?	No
4.8) Are you planning to include Worksheet 10.0 (Quarries in the John Graves Scenic Riverway) in the Technical Attachment?	No
4.9) Are you planning to include Worksheet 11.0 (Cooling Water System Information) in the Technical Attachment?	No
4.10) Are you planning to include Worksheet 11.1 (Impingement Mortality) in the Technical Attachment?	No
4.11) Are you planning to include Worksheet 11.2 (Source Water Biological Data) in the Technical Attachment?	No
4.12) Are you planning to include Worksheet 11.3 (Entrainment) in the Technical Attachment?	No

4.13) Technical Attachment

[File Properties]

File Name	TECH_2 LBC Houston Industrial Technical Rept WS 2 4.pdf
Hash	FDF9A536D00E0C13172BC80C3C79D40D11ACF142757DFEEE86E1FBF7F6044EB6
MIME-Type	application/pdf

5) Affected Landowners Map

[File Properties]

File Name	LANDMP_7 Landowners Map and List (Att E).pdf
Hash	24061AC2E861B9498A923A9567617F6BCCC7426530466BB0E96B61E194927838
MIME-Type	application/pdf

6) Landowners Cross Reference List

[File Properties]

File Name	LANDCRL_7 Landowners Map and List (Att E).pdf
Hash	24061AC2E861B9498A923A9567617F6BCCC7426530466BB0E96B61E194927838
MIME-Type	application/pdf

7) Landowner Avery Template

[File Properties]

File Name	LANDAT_8 Mailing Labels.docx
Hash	91677EEC889489F5E5EFDEA1CA76086F315CA90B8FE31F4E17F4A0BC2F274D04
MIME-Type	application/vnd.openxmlformats-officedocument.wordprocessingml.document

8) Flow Diagram

[File Properties]

File Name	FLDIA_13 Flow Diagrams Water Balance (Att I).pdf
Hash	A5392D5A06B5AECD38D386D4FA2F85EB3D059ED88CAD52F3494C20FBA7C4CE83
MIME-Type	application/pdf

9) Site Drawing

[File Properties]

File Name	SITEDR_12 Facility Map (Att H).pdf
Hash	8B9C309200D73268E673E987C22D5D3DCBD028BF29DB52614E871CB33FFF3CFB
MIME-Type	application/pdf

10) Original Photographs

[File Properties]

File Name	ORIGPH_9 Photos (Att L).pdf

Hash	C4D333237C7BB9794AEB67E2195BB77585186FB7DDF13F78E28004B219657A13
MIME-Type	application/pdf

11) Design Calculations
12) Solids Management Plan
13) Water Balance
[File Properties]

File Name	WB_13 Flow Diagrams Water Balance (Att I).pdf
Hash	A5392D5A06B5AECD38D386D4FA2F85EB3D059ED88CAD52F3494C20FBA7C4CE83
MIME-Type	application/pdf

14) Other Attachments
[File Properties]

File Name	OTHER_3 Core Data Form (Attachment A).pdf
Hash	AF18FE1E6B20929C44CA893106D79328E1A523E5A91763FCF5F13EC2D4C354F6
MIME-Type	application/pdf

[File Properties]

File Name	OTHER_4 Plain Language Summary (Att B).pdf
Hash	E10D8B115AE8C077FB3837A6639F3B49DDC8BA154CD2965B94932AA173179329
MIME-Type	application/pdf

[File Properties]

File Name	OTHER_10 SPIF Form (Att F).pdf
Hash	84067F1FDCE69559EF9641A8D23424527D951086BF2051F10042F1C9648E3578
MIME-Type	application/pdf

[File Properties]

File Name	OTHER_11 Products Stored (Att G).pdf
Hash	129BEDA2BE503BC31B088555F3F52F9F4721D1839E820FCC3FF5BF4BB0F1D7A3
MIME-Type	application/pdf

[File Properties]

File Name	OTHER_14 Analytical Reports (Att K).pdf
Hash	9DF690D8466595358AAF9F04275CE47E9A7445A0CBDC6E887F2642D45660300F
MIME-Type	application/pdf

[File Properties]

File Name	OTHER_15 9-2025 LBC Permit Application Cover Letter.pdf
Hash	98FDEA81EC4CFD0D2EAFAF0C2FAE27717A139F6584AFFA2C03B6FBB44462B09D
MIME-Type	application/pdf

[File Properties]

File Name	OTHER_16 LBC Zn Compliance Report (Att J).pdf
Hash	1236A56006EC19AD3EE548AB6406DB424D3CD529E467F20655248DF07CF2312D
MIME-Type	application/pdf

Certification

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

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

1. I am Bobby Panepinto, the owner of the STEERS account ER019468.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing New Domestic or Industrial Individual Permit.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OWNER Signature: Bobby Panepinto OWNER

Customer Number:	CN601179849
Legal Name:	LBC Houston, L.P.
Account Number:	ER019468
Signature IP Address:	149.20.201.42
Signature Date:	2025-09-08
Signature Hash:	3C8D0FBEA9DFF60E3F2ED78566726046677BF14C5A6908C85F409EFBB77F3E45
Form Hash Code at time of Signature:	A1242391E7C3B10DBF7E23EED8F15941B79172C9481D548948FF8EAA0AB409C2

Fee Payment

Transaction by:	The application fee payment transaction was made by ER019468/Bobby Panepinto
Paid by:	The application fee was paid by BOBBY PANEPINTO
Fee Amount:	$300.00
Paid Date:	The application fee was paid on 2025-09-08
Transaction/Voucher number:	The transaction number is 582EA000684146 and the voucher number is 782518

Submission

Reference Number:	The application reference number is 815932
Submitted by:	The application was submitted by ER019468/Bobby Panepinto
Submitted Timestamp:	The application was submitted on 2025-09-08 at 14:41:57 CDT
Submitted From:	The application was submitted from IP address 149.20.201.42
Confirmation Number:	The confirmation number is 676791
Steers Version:	The STEERS version is 6.92

Additional Information

Application Creator: This account was created by Bobby Panepinto

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

INDUSTRIAL WASTEWATER PERMIT APPLICATION CHECKLIST

Complete and submit this checklist with the industrial wastewater permit application.

APPLICANT NAME: LBC Houston, L.P.

PERMIT NUMBER (If new, leave blank): WQ00 02110000

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

	Y	N		Y	N
Administrative Report 1.0	☒	☐	Worksheet 8.0	☐	☒
Administrative Report 1.1	☐	☒	Worksheet 9.0	☐	☒
SPIF	☒	☐	Worksheet 10.0	☐	☒
Core Data Form	☒	☐	Worksheet 11.0	☐	☒
Summary of Application (PLS)	☒	☐	Worksheet 11.1	☐	☒
Public Involvement Plan Form	☒	☐	Worksheet 11.2	☐	☒
Technical Report 1.0	☒	☐	Worksheet 11.3	☐	☒
Worksheet 1.0	☐	☐	Original USGS Map	☒	☐
Worksheet 2.0	☒	☐	Affected Landowners Map	☒	☐
Worksheet 3.0	☐	☒	Landowner Disk or Labels	☒	☐
Worksheet 3.1	☐	☒	Flow Diagram	☒	☐
Worksheet 3.2	☐	☒	Site Drawing	☒	☐
Worksheet 3.3	☐	☒	Original Photographs	☒	☐
Worksheet 4.0	☒	☐	Design Calculations	☐	☒
Worksheet 4.1	☐	☒	Solids Management Plan	☐	☒
Worksheet 5.0	☐	☒	Water Balance	☒	☐
Worksheet 6.0	☐	☒			
Worksheet 7.0	☐	☒			

For TCEQ Use Only

Segment Number _____County _____
Expiration Date _____Region _____

Permit Number _____

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

INDUSTRIAL WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

This report is required for all applications for TPDES permits and TLAPs, except applications for oil and gas extraction operations subject to 40 CFR Part 435. Contact the Applications Review and Processing Team at 512-239-4671 with any questions about completing this report.

Applications for oil and gas extraction operations subject to 40 CFR Part 435 must use Oil and Gas Exploration and Production Administrative Report (TCEQ Form-20893 and 20893-inst[1]).

Item 1. Application Information and Fees (Instructions, Page 26)

a. Complete each field with the requested information, if applicable.

Applicant Name: LBC Houston, L.P.

Permit No.: WQ0002110000

EPA ID No.: TX00075302

Expiration Date: 03/08/2026

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

☒ Industrial Wastewater (wastewater and stormwater)

☐ Industrial Stormwater (stormwater only)

☐ Reverse Osmosis Water Treatment (reverse osmosis water treatment wastewaters only)

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

☒ Active ☐ Inactive

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

☒ TPDES Permit ☐ TLAP ☐ TPDES with TLAP component

e. Check the box next to the appropriate application type.

☐ New

☐ Renewal with changes ☐ Renewal without changes

☒ Major amendment with renewal ☐ Major amendment without renewal

☐ Minor amendment without renewal

☐ Minor modification without renewal

f. If applying for an amendment or modification, describe the request: Request to remove zinc limits from permit, add a Reverse Osmosis waste stream to be discharged through

[1] https://www.tceq.texas.gov/publications/search_forms.html

Outfall 002, relocate existing Outfall 001 by approximately 20 feet, and add a construction stormwater stream to Outfall 001.

For TCEQ Use Only

Segment Number _____County _____
Expiration Date _____Region _____
Permit Number _____

g. Application Fee

EPA Classification	New	Major Amend. (with or without renewal)	Renewal (with or without changes)	Minor Amend. / Minor Mod. (without renewal)
Minor facility not subject to EPA categorical effluent guidelines (40 CFR Parts 400-471)	☐ $350	☒ $350	☐ $315	☐ $150
Minor facility subject to EPA categorical effluent guidelines (40 CFR Parts 400-471)	☐ $1,250	☐ $1,250	☐ $1,215	☐ $150
Major facility	N/A [2]	☐ $2,050	☐ $2,015	☐ $450

h. Payment Information

Mailed

Check or money order No.: Click to enter text.

Check or money order amt.: Click to enter text.

Named printed on check or money order: Click to enter text.

Epay

Voucher number: Click to enter text.

Copy of voucher attachment: Next Page

Item 2. Applicant Information (Instructions, Pages 26)

a. Customer Number, if applicant is an existing customer: CN601179849

Note: Locate the customer number using the TCEQ's Central Registry Customer Search[3].

b. Legal name of the entity (applicant) applying for this permit: LBC Houston, L.P.

Note: The owner of the facility must apply for the permit. The legal name must be spelled exactly as filed with the TX SOS, Texas Comptroller of Public Accounts, County, or in the legal documents forming the entity.

c. Name and title of the person signing the application. (**Note:** The person must be an executive official that meets signatory requirements in 30 TAC § 305.44.)

Prefix: Mr. Full Name (Last/First Name): Jeremy Alberty

Title: Operations Director, North America Credential: Click to enter text.

d. Will the applicant have overall financial responsibility for the facility?

☒ Yes ☐ No

[2] All facilities are designated as minors until formally classified as a major by EPA.

[3] https://www15.tceq.texas.gov/crpub/index.cfm?fuseaction=cust.CustSearch

Note: The entity with overall financial responsibility for the facility must apply as a co-applicant, if not the facility owner.

Item 3. Co-applicant Information (Instructions, Page 27)

☒ Check this box if there is no co-applicant.; otherwise, complete the below questions.

a. Legal name of the entity (co-applicant) applying for this permit: Click to enter text.

Note: The legal name must be spelled exactly as filed with the TX SOS, Texas Comptroller of Public Accounts, County, or in the legal documents forming the entity.

b. Customer Number (if applicant is an existing customer): CNClick to enter text.

Note: Locate the customer number using the TCEQ's Central Registry Customer Search.

c. Name and title of the person signing the application. (**Note:** The person must be an executive official that meets signatory requirements in 30 TAC § 305.44.)

Prefix: Click to enter text. Full Name (Last/First Name): Click to enter text.

Title: Click to enter text. Credential: Click to enter text.

d. Will the co-applicant have overall financial responsibility for the facility?

☐ Yes ☐ No

Note: The entity with overall financial responsibility for the facility must apply as a co-applicant, if not the facility owner.

Item 4. Core Data Form (Instructions, Pages 27)

a. Complete and attach one Core Data Form (TCEQ Form 10400) for each customer (applicant and co-applicant(s)). If the customer type selected on the Core Data Form is Individual, complete Attachment 1 of the Administrative Report. Attachment: A

Item 5. Application Contact Information (Instructions, Page 27)

Provide names of two individuals who can be contacted about this application. Indicate if the individual can be contacted about administrative or technical information, or both.

a. ☒ Administrative Contact . ☒ Technical Contact

Prefix: Mr. Full Name (Last/First Name): Bobby Panepinto

Title: Regional Manager, Regulatory Credential: Click to enter text.

Organization Name: LBC Houston, L.P.

Mailing Address: 2625 Bay Area Blvd., Ste 200 City/State/Zip: Houston, TX 77058

Phone No: (281) 291-3402 Email: b-panepinto@lbctt.com

b. ☐ Administrative Contact ☐ Technical Contact

Prefix: Mr. Full Name (Last/First Name): Jeremy Alberty

Title: Operations Director, NA Credential: Click to enter text.

Organization Name: LBC Houston, L.P.

Mailing Address: 2625 Bay Area Blvd, Ste 200 City/State/Zip: Houston, TX 77058

Phone No: (281) 291-3401 Email: j-alberty@lbctt.com

Attachment: N/A

Item 6. Permit Contact Information (Instructions, Page 28)

Provide two names of individuals that can be contacted throughout the permit term.

a. Prefix: Mr. Full Name (Last/First Name): Bobby Panepinto

Title: Regional Manager, Regulatory Credential: Click to enter text.

Organization Name: LBC Houston, L.P.

Mailing Address: 2625 Bay Area Blvd., Ste 200 City/State/Zip: Houston, TX 77058

Phone No: (281) 291-3402 Email: b-panepinto@lbctt.com

b. Prefix: Mr. Full Name (Last/First Name): Jeremy Alberty

Title: Operations Director, North America Credential: Click to enter text.

Organization Name: LBC Houston, L.P.

Mailing Address: 2625 Bay Area Blvd., Ste 200 City/State/Zip: Houston ,TX 77058

Phone No: (281) 291-3401 Email: j-alberty@lbctt.com

Attachment: N/A

Item 7. Billing Contact Information (Instructions, Page 28)

The permittee is responsible for paying the annual fee. The annual fee will be assessed for 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 (form TCEQ-20029).

Provide the complete mailing address where the annual fee invoice should be mailed and the name and phone number of the permittee's representative responsible for payment of the invoice.

Prefix: Mr. Full Name (Last/First Name): Bobby Panepinto

Title: LBC Houston, L.P. Credential: Click to enter text.

Organization Name: LBC Houston, L.P.

Mailing Address: 2625 Bay Area Blvd., Ste 200 City/State/Zip: Houston, TX 77058

Phone No: (281) 291-3402 Email: b-panepinto@lbctt.com

Item 8. DMR/MER Contact Information (Instructions, Page 28)

Provide the name and mailing address of the person delegated to receive and submit DMRs or MERs. **Note:** DMR data must be submitted through the NetDMR system. An electronic reporting account can be established once the facility has obtained the permit number.

Prefix: Mr. Full Name (Last/First Name): Bobby Panepinto

Title: Regional Manager, Regulatory Credential: Click to enter text.

Organization Name: LBC Houston, L.P.

Mailing Address: 2645 Bay Area Blvd., Ste 200 City/State/Zip: Houston, TX 77058

Phone No: (281) 291-3402 Email: b-panepinto@lbctt.com

Item 9. Notice Information (Instructions, Pages 28)

a. Individual Publishing the Notices

Prefix: Mr. Full Name (Last/First Name): Bobby Panepinto

Title: LBC Houston, L.P. Credential: Click to enter text.

Organization Name: LBC Houston, L.P.

Mailing Address: 2625 Bay Area Blvd., Ste 200 City/State/Zip: Houston, TX 77058

Phone No: (281) 291-3402 Email: b-panepinto@lbctt.com

b. Method for Receiving Notice of Receipt and Intent to Obtain a Water Quality Permit Package (only for NORI, NAPD will be sent via regular mail)

☒ E-mail: b-panepinto@lbctt.com

☐ Fax: Click to enter text.

☐ Regular Mail (USPS)

Mailing Address: Click to enter text.

City/State/Zip Code: Click to enter text.

c. Contact in the Notice

Prefix: Mr. Full Name (Last/First Name): Bobby Panepinto

Title: Regional Manager, Regulatory Compliance Credential: Click to enter text.

Organization Name: LBC Houston, L.P.

Phone No: (281) 291-3402 Email: b-panepinto@lbctt.com

d. Public Viewing Location Information

Note: If the facility or outfall is located in more than one county, provide a public viewing place for each county.

Public building name: Evelyn Meador Library Location within the building: Front Desk

Physical Address of Building: 2400 North Meyer Road

City: Seabrook County: Harris

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.

Call the bilingual/ESL coordinator at the nearest elementary and middle schools and obtain the following information to determine if an alternative language notice(s) is 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 Item 8 (Regulated Entity and Permitted Site Information.)

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 ☐ N/A

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. Summary of Application in Plain Language Template – Complete and attach the Summary of Application in Plain Language Template (TCEQ Form 20972), also known as the plain language summary or PLS. Attachment: B

g. Complete and attach one Public Involvement Plan (PIP) Form (TCEQ Form 20960) for each application for a new permit or major amendment. Attachment: C

Item 10. Regulated Entity and Permitted Site Information (Instructions Page 29)

a. TCEQ issued Regulated Entity Number (RN), if available: RN101041598

Note: If your business site is part of a larger business site, a Regulated Entity Number (RN) may already be assigned for the larger site. Use the RN assigned for the larger site. Search the TCEQ's Central Registry to determine the RN or to see if the larger site may already be registered as a Regulated Entity. If the site is found, provide the assigned RN.

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

c. Is the location address of the facility in the existing permit the same?

☒ Yes ☐ No ☐ N/A (new permit)

Note: If the facility is located in Bexar, Comal, Hays, Kinney, Medina, Travis, Uvalde, or Williamson County, additional information concerning protection of the Edwards Aquifer may be required.

d. Owner of treatment facility:

Prefix: Click to enter text. Full Name (Last/First Name): Click to enter text.

or Organization Name: LBC Houston, L.P. owns and operates the terminal (no onsite treatment takes place)

Mailing Address: Click to enter text. City/State/Zip: Click to enter text.

Phone No: Click to enter text. Email: Click to enter text.

e. Ownership of facility: ☐ Public ☒ Private ☐ Both ☐ Federal

f. Owner of land where treatment facility is or will be: LBC Houston, L.P. owns and operates the terminal (no onsite treatment takes place)

Prefix: Click to enter text. Full Name (Last/First Name): Click to enter text.

or Organization Name: Click to enter text.

Mailing Address: Click to enter text. City/State/Zip: Click to enter text.

Phone No: Click to enter text. Email: Click to enter text.

Note: If not the same as the facility owner, attach a long-term lease agreement in effect for at least six years (In some cases, a lease may not suffice - see instructions). Attachment: Click to enter text.

g. Owner of effluent TLAP disposal site (if applicable): N/A

Prefix: Click to enter text. Full Name (Last/First Name): Click to enter text.

or Organization Name: Click to enter text.

Mailing Address: Click to enter text. City/State/Zip: Click to enter text.

Phone No: Click to enter text. Email: Click to enter text.

Note: If not the same as the facility owner, attach a long-term lease agreement in effect for at least six years. Attachment: Click to enter text.

h. Owner of sewage sludge disposal site (if applicable):

Prefix: Click to enter text. Full Name (Last/First Name): N/A

or Organization Name: Click to enter text.

Mailing Address: Click to enter text. City/State/Zip: Click to enter text.

Phone No: Click to enter text. Email: Click to enter text.

Note: If not the same as the facility owner, attach a long-term lease agreement in effect for at least six years. Attachment: Click to enter text.

Item 11. TDPES Discharge/TLAP Disposal Information (Instructions, Page 31)

a. Is the facility located on or does the treated effluent cross Native American Land?

☐ Yes ☒ No

b. Attach an original full size USGS Topographic Map (or an 8.5"×11" reproduced portion for renewal or amendment applications) with all required information. Check the box next to each item below to confirm it has been included on the map.

☒ One-mile radius
☒ Applicant's property boundaries
☒ Labeled point(s) of discharge
☐ Effluent disposal site boundaries
☐ Sewage sludge disposal site
☒ Three-miles downstream information
☐ Treatment facility boundaries
☐ Highlighted discharge route(s)
☐ All wastewater ponds
☐ New and future construction

Attachment: D

c. Is the location of the sewage sludge disposal site in the existing permit accurate?

☐ Yes ☒ No or New Permit

If no, or a new application, provide an accurate location description: N/A

d. Are the point(s) of discharge in the existing permit correct?

☒ Yes ☐ No or New Permit

If no, or a new application, provide an accurate location description: Click to enter text.

e. Are the discharge route(s) in the existing permit correct?

☒ Yes ☐ No or New Permit

If no, or a new permit, provide an accurate description of the discharge route: Click to enter text.

f. City nearest the outfall(s): Seabrook

g. County in which the outfalls(s) is/are located: Harris

h. 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, attach copies of letters that show proof of contact and provide the approval letter upon receipt. Attachment: Click to enter text.

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: Click to enter text.

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

☐ Yes No or New Permit ☒ N/A

If no, or a new application, provide an accurate location description: Click to enter text.

j. City nearest the disposal site: Click to enter text.

k. County in which the disposal site is located: Click to enter text.

l. For TLAPs, describe how effluent is/will be routed from the treatment facility to the disposal site: Click to enter text.

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

Item 12. Miscellaneous Information (Instructions, Page 33)

a. 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: Robert Robinson (TNRCC 1998-2000)

b. Do you owe any fees to the TCEQ?

☐ Yes ☒ No

If yes, provide the following information:

Account no.: Click to enter text.

Total amount due: Click to enter text.

c. Do you owe any penalties to the TCEQ?

☐ Yes ☒ No

If yes, provide the following information:

Enforcement order no.: Click to enter text.

Amount due: Click to enter text.

Item 13. Signature Page (Instructions, Page 33)

Permit No: WQ0002110000

Applicant Name: LBC Houston, L.P.

Certification: I, Jeremy Alberty, 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): Jeremy Alberty

Signatory title: Operations Director, North America

Signature: _____ Date: _____
(Use blue ink)

Subscribed and Sworn to before me by the said _____

on this _____ day of _____, 20_____.

My commission expires on the _____ day of _____, 20_____.

_____
Notary Public [SEAL]

_____
County, Texas

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

INDUSTRIAL WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.1

The following information is required for new and amendment applications.

Item 1. Affected Landowner Information (Instructions, Page 35)

a. Attach a landowner map or drawing, with scale, as applicable. Check the box next to each item to confirm it has been provided.

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

Attachment: E

b. ☒ that the landowners list has also been provided as mailing labels in electronic format (Avery 5160).

c. Check this box to confirm a separate list with the landowners' names and mailing addresses cross-referenced to the landowner's map has been provided.Provide the source of the landowners' names and mailing addresses: Click to enter text.

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

☐ Yes ☒ No

If yes, provide the location and foreseeable impacts and effects this application has on the land(s): Click to enter text.

Item 2. Original Photographs (Instructions, Page 37)

Provide original ground level photographs. Check the box next to each of the following items to indicate it is included.

☒ At least one original photograph of the new or expanded treatment unit location.

☒ At least two photographs of the existing/proposed point of discharge and as much area downstream (photo 1) and upstream (photo 2) as can be captured. If the discharge is to an open water body (e.g., lake, bay), the point of discharge should be in the right or left edge of each photograph showing the open water and with as much area on each respective side of the discharge as can be captured.

☐ At least one photograph of the existing/proposed effluent disposal site.

☐ A plot plan or map showing the location and direction of each photograph.

Attachment: L

INDUSTRIAL 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: F

WATER QUALITY PERMIT

PAYMENT SUBMITTAL FORM

Use this form to submit the Application Fee, if mailing the payment. (Instructions, Page 36-37)

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

Mail this form and the check or money order to:

BY REGULAR U.S. MAIL

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

BY OVERNIGHT/EXPRESS MAIL

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

Fee Code: WQP **Permit No:** WQ000Click to enter text.

1. Check or Money Order Number: Click to enter text.
2. Check or Money Order Amount: Click to enter text.
3. Date of Check or Money Order: Click to enter text.
4. Name on Check or Money Order: Click to enter text.
5. APPLICATION INFORMATION

   Name of Project or Site: Click to enter text.

   Physical Address of Project or Site: Click to enter text.

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

Staple Check or Money Order in This Space

ATTACHMENT 1

INDIVIDUAL INFORMATION

Item 1. Individual information (Instructions, Page 38)

Complete this attachment if the facility applicant or co-applicant is an individual. Make additional copies of this attachment if both are individuals.

Prefix (Mr., Ms., or Miss): Click to enter text.

Full legal name (first, middle, and last): Click to enter text.

Driver's License or State Identification Number: Click to enter text.

Date of Birth: Click to enter text.

Mailing Address: Click to enter text.

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

Phone No.: Click to enter text.

Fax No.: Click to enter text.

E-mail Address: Click to enter text.

CN: Click to enter text.

INDUSTRIAL WASTEWATER PERMIT APPLICATION CHECKLIST OF COMMON DEFICIENCIES

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

☒ Core Data Form (TCEQ Form No. 10400)
(Required for all applications 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
(TCEQ Form Nos. 10055 and 10411. Version dated 5/10/2019 or later.)

☒ Water Quality Permit Payment Submittal Form (Page 14)
(Original payment sent to TCEQ Revenue Section. See instructions for mailing address.)

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

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

☐ N/A ☒ Landowners Map
(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.

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

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

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

☒ Summary of Application (in Plain Language)

TCEQ Use Only

TCEQ Core Data Form

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

SECTION I: General Information

1. Reason for Submission (*If other is checked please describe in space provided.*)

☐ New Permit, Registration or Authorization (*Core Data Form should be submitted with the program application.*)

☐ Renewal *(Core Data Form should be submitted with the renewal form)*

☒ Other **Renewal with Major Amendment**

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 601179849		**RN 101041598**

SECTION II: Customer Information

4. General Customer Information	**5. Effective Date for Customer Information Updates** (mm/dd/yyyy)	9/1/2025

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

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

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

7. TX SOS/CPA Filing Number	**8. TX State Tax ID** (11 digits)	**9. Federal Tax ID** (9 digits)	**10. DUNS Number** *(if applicable)*
14621011	17419201797	741920179	92847172

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:	11666 Port Road						
	City	Seabrook	**State**	TX	**ZIP**	77586	**ZIP + 4**

16. Country Mailing Information *(if outside USA)*	**17. E-Mail Address** *(if applicable)*
	b-panepinto@lbctt.com

18. Telephone Number	19. Extension or Code	20. Fax Number *(if applicable)*
(281) 291-3402		( ) -

SECTION III: Regulated Entity Information

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

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

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

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

Bayport Terminal

23. Street Address of the Regulated Entity: ***(No PO Boxes)***	11666 Port Road							
	City	Seabrook	**State**	TX	**ZIP**	77586	**ZIP + 4**	
24. County	Harris							

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

25. Description to Physical Location:					
26. Nearest City			**State**		**Nearest ZIP Code**

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

27. Latitude (N) In Decimal:			**28. Longitude (W) In Decimal:**		
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
29	36	15	-95	1	45

29. Primary SIC Code (4 digits)	**30. Secondary SIC Code** (4 digits)	**31. Primary NAICS Code** (5 or 6 digits)	**32. Secondary NAICS Code** (5 or 6 digits)
4226		49319	

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

Bulk Liquid Terminal

34. Mailing Address:	**11666 Port Road**							
	City	**Seabrook**	**State**	**TX**	**ZIP**	**77586**	**ZIP + 4**	
35. E-Mail Address:	**b-panepinto@lbctt.com**							

36. Telephone Number	37. Extension or Code	38. Fax Number *(if applicable)*
(281) 291-3402		( ) -

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:
	WQ0002110000			

SECTION IV: Preparer Information

40. Name:	Bobby Panepinto	**41. Title:**	Regional Manager, Reg Compliance

42. Telephone Number	**43. Ext./Code**	**44. Fax Number**	**45. E-Mail Address**
(281 **)** 291-3402		**( )** -	b-panepinto@lbctt.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:	LBC Houston, L.P.	**Job Title:**	Operations Director, North America
Name *(In Print):*	Jeremy Alberty	**Phone:**	**(** 281 **)** 291- **3401**
Signature:		**Date:**	

ATTACHMENT B

Plain Language Summary

English

LBC Houston, L.P., (CN601179849) operates the Bayport Terminal (RN101041598), an organic chemical and petroleum bulk liquid storage terminal. The facility is located at 11666 Port Road, in Seabrook, Harris County, Texas 77586.

The facility has applied to the Texas Commission on Environmental Quality (TCEQ) to renew with major amendment Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0002110000 (EPA I.D. No. TX0075302) to discharge wastewater and stormwater via Outfalls 001, 002, 003, 004, and 005 at an intermittent and flow variable volume. The discharge route is from the plant site via Outfalls 001 ,002, 003, and 004 to a Harris County Flood Control Ditch; and via Outfall 005 to an unnamed ditch; thence all outfalls to Bayport Channel.

Discharges from the facility are expected to contain chemical oxygen demand (COD) and oil and grease from all outfalls and potentially zinc through Outfall 002. Additional pollutant analyses are provided in Worksheet 2.0.

Wastewater discharges currently consist of stormwater and utility wastewater. LBC is proposing to add a new waste stream including Reverse Osmosis (RO) wastewater and clarification that stormwater can include those associated with industrial activity and construction projects. LBC is also proposing to remove zinc from Outfall 002. Due to the low levels of pollutants present in the wastewater, no additional treatment is required to meet the permit limits.

Spanish

LBC Houston, L.P., (CN601179849) opera la Terminal Bayport (RN101041598), una terminal de almacenamiento de líquidos a granel de químicos orgánicos y petróleo. La instalación está ubicada en 11666 Port Road, en Seabrook, Condado de Harris, Texas 77586.

La instalación ha solicitado a la Comisión de Calidad Ambiental de Texas (TCEQ) para renovar, con una enmienda muy importante, el Permiso n.° WQ0002110000 (N.° de identificación de la EPA: TX0075302) del Sistema de Eliminación de Descargas Contaminantes de Texas (TPDES) para descargar aguas residuales y pluviales a través de los Desagües 001, 002, 003, 004 y 005 a un volumen intermitente y de flujo variable. La ruta de descarga es desde el sitio de la planta, a través de los Desagües 001, 002, 003 y 004, hasta una Zanja de Control de Inundaciones del Condado de Harris; y a través del Desagüe 005 hasta una zanja sin nombre; desde allí, todos los desagües al Canal Bayport.

Se espera que las descargas de la instalación contengan demanda química de oxígeno (DQO) y aceite y grasa de todos los desagües y potencialmente zinc a través del Desagüe 002. Se proporcionan análisis de contaminantes adicionales en la Hoja de Trabajo 2.0.

Las descargas de aguas residuales actualmente consisten en aguas pluviales y aguas residuales de servicios públicos. LBC propone añadir un nuevo flujo de residuos, incluyendo aguas residuales de Ósmosis Inversa (OI), y clarificación que las aguas pluviales pueden incluir esas asociadas con la actividad industrial y los proyectos de construcción. LBC también propone eliminar el zinc del Desagüe 002. Debido a los bajos niveles de contaminantes presentes en las aguas residuales, no se requiere tratamiento adicional para cumplir con los límites del permiso.

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: LBC Houston, L.P.

   Permit No. WQ00 02110000 EPA ID No. TX 00075302

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

   11666 Port Road, Seabrook, TX 77586, Harris County (NE intersection of Port Road and Highway 146)

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: Bobby Panepinto

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

Title: Regional Manager, Regulatory Compliance

Mailing Address: 11666 Port Road

City, State, Zip Code: Seabrook, TX 77586

Phone No.: (281) 291-3402 Ext.: Click here to enter text. Fax No.: (281) 291-3428

E-mail Address: b-panepinto@lbctt.com

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

N/A

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

001 – Water flows from drainage ditch along main entrance road to NE of facility into HCFCD F303-00-00, thence into the Bayport Ship Channel. 002 flows into HCFCD F303-00-00, thence runs along southern most point of the facility to the Bayport Ship Channel. 003, and 004 – Each outfall runs along southernmost point of facility to the Bayport Ship Channel. 005 – Water flows east along the northernmost point of the facility into an unnamed ditch then to the Bayport Ship Channel.

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

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

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

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

☐ Sealing caves, fractures, sinkholes, other karst features

☐ Disturbance of vegetation or wetlands

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

No construction is proposed as part of this application.

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

This facility is an existing bulk liquid chemical storage terminal. The entire facility is industrial by nature.

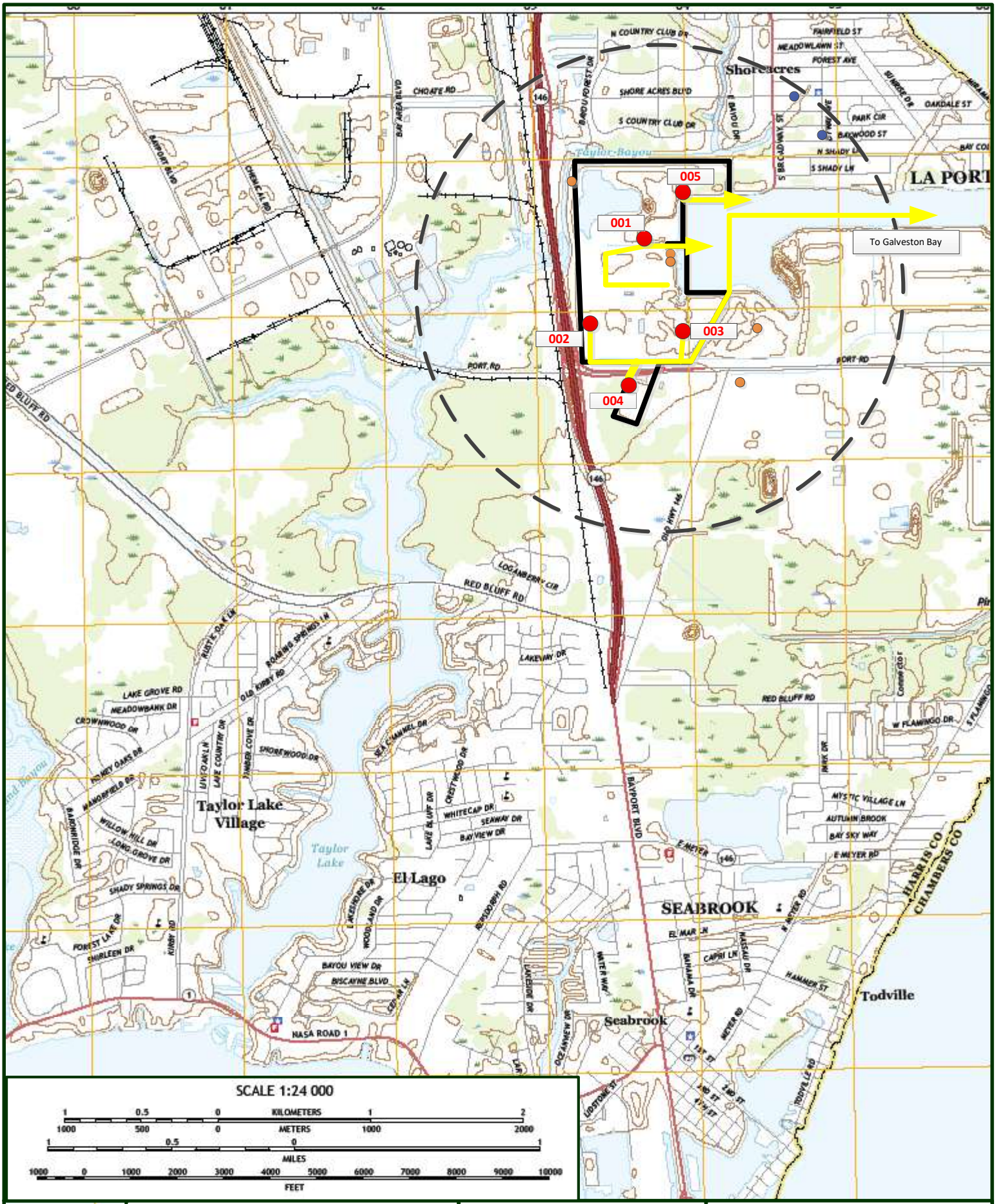
THE FOLLOWING ITEMS APPLY ONLY TO APPLICATIONS FOR NEW TPDES PERMITS AND MAJOR AMENDMENTS TO TPDES PERMITS

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

Construction commented in 1975. Additional tankage, piping, docks and associated facilities have been added since.

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

Terminal construction/site development began in 1975.



ALLIANT ENVIRONMENTAL, LLC
1842 Snake River Rd
Katy, TX 77449
PH: (281)717-4392

USGS Topographic Map
League City Quadrangle 2019
7.5- Minute Seires

Date: 5/3/2019

Drawn By: AK

TPDES Renewal Application
LBC Houston, L.P.

Legend:

- LBC Property Boundary
- Outfall Discharge Route
- Outfall Location
- Monitoring Well
- Groundwater Monitoring Well
- 001 Outfall Number
- One-mile Radius Surrounding LBC Property

Texas Commission on Environmental Quality

Public Involvement Plan Form for Permit and Registration Applications

The Public Involvement Plan is intended to provide applicants and the agency with information about how public outreach will be accomplished for certain types of applications in certain geographical areas of the state. It is intended to apply to new activities; major changes at existing plants, facilities, and processes; and to activities which are likely to have significant interest from the public. This preliminary screening is designed to identify applications that will benefit from an initial assessment of the need for enhanced public outreach.

All applicable sections of this form should be completed and submitted with the permit or registration application. For instructions on how to complete this form, see TCEQ-20960-inst.

Section 1. Preliminary Screening

☐ New Permit or Registration Application

☒ New Activity – modification, registration, amendment, facility, etc. (see instructions)

If neither of the above boxes are checked, completion of the form is not required and does not need to be submitted.

Section 2. Secondary Screening

☒ Requires public notice,

☐ Considered to have significant public interest, **and**

☒ Located within any of the following geographical locations:

- Austin
- Dallas
- Fort Worth
- Houston
- San Antonio
- West Texas
- Texas Panhandle
- Along the Texas/Mexico Border
- Other geographical locations should be decided on a case-by-case basis

If all the above boxes are not checked, a Public Involvement Plan is not necessary. Stop after Section 2 and submit the form.

☒ Public Involvement Plan not applicable to this application. Provide **brief** explanation.

Section 3. Application Information

Type of Application (check all that apply):

Air ☐ Initial ☐ Federal ☐ Amendment ☐ Standard Permit ☐ Title V

Waste ☐ Municipal Solid Waste ☐ Industrial and Hazardous Waste ☐ Scrap Tire
☐ Radioactive Material Licensing ☐ Underground Injection Control

Water Quality

☐ Texas Pollutant Discharge Elimination System (TPDES)

- ☐ Texas Land Application Permit (TLAP)
- ☐ State Only Concentrated Animal Feeding Operation (CAFO)
- ☐ Water Treatment Plant Residuals Disposal Permit

☐ Class B Biosolids Land Application Permit

☐ Domestic Septage Land Application Registration

Water Rights New Permit

☐ New Appropriation of Water

☐ New or existing reservoir

Amendment to an Existing Water Right

☐ Add a New Appropriation of Water

☐ Add a New or Existing Reservoir

☐ Major Amendment that could affect other water rights or the environment

Section 4. Plain Language Summary

Provide a brief description of planned activities.

Section 5. Community and Demographic Information

Community information can be found using EPA's EJ Screen, U.S. Census Bureau information, or generally available demographic tools.

Information gathered in this section can assist with the determination of whether alternative language notice is necessary. Please provide the following information.

(City)

(County)

(Census Tract)
Please indicate which of these three is the level used for gathering the following information.

☐ City ☐ County ☐ Census Tract

(a) Percent of people over 25 years of age who at least graduated from high school

(b) Per capita income for population near the specified location

(c) Percent of minority population and percent of population by race within the specified location

(d) Percent of Linguistically Isolated Households by language within the specified location

(e) Languages commonly spoken in area by percentage

(f) Community and/or Stakeholder Groups

(g) Historic public interest or involvement

Section 6. Planned Public Outreach Activities

(a) Is this application subject to the public participation requirements of Title 30 Texas Administrative Code (30 TAC) Chapter 39?

☐ Yes ☐ No

(b) If yes, do you intend at this time to provide public outreach other than what is required by rule?

☐ Yes ☐ No

If Yes, please describe.

If you answered "yes" that this application is subject to 30 TAC Chapter 39, answering the remaining questions in Section 6 is not required.

(c) Will you provide notice of this application in alternative languages?

☐ Yes ☐ No

Please refer to Section 5. If more than 5% of the population potentially affected by your application is Limited English Proficient, then you are required to provide notice in the alternative language.

If yes, how will you provide notice in alternative languages?

☐ Publish in alternative language newspaper

☐ Posted on Commissioner's Integrated Database Website

☐ Mailed by TCEQ's Office of the Chief Clerk

☐ Other (specify)

(d) Is there an opportunity for some type of public meeting, including after notice?

☐ Yes ☐ No

(e) If a public meeting is held, will a translator be provided if requested?

☐ Yes ☐ No

(f) Hard copies of the application will be available at the following (check all that apply):

☐ TCEQ Regional Office ☐ TCEQ Central Office

☐ Public Place (specify)

Section 7. Voluntary Submittal

For applicants voluntarily providing this Public Involvement Plan, who are not subject to formal public participation requirements.

Will you provide notice of this application, including notice in alternative languages?

☐ Yes ☐ No

What types of notice will be provided?

☐ Publish in alternative language newspaper

☐ Posted on Commissioner's Integrated Database Website

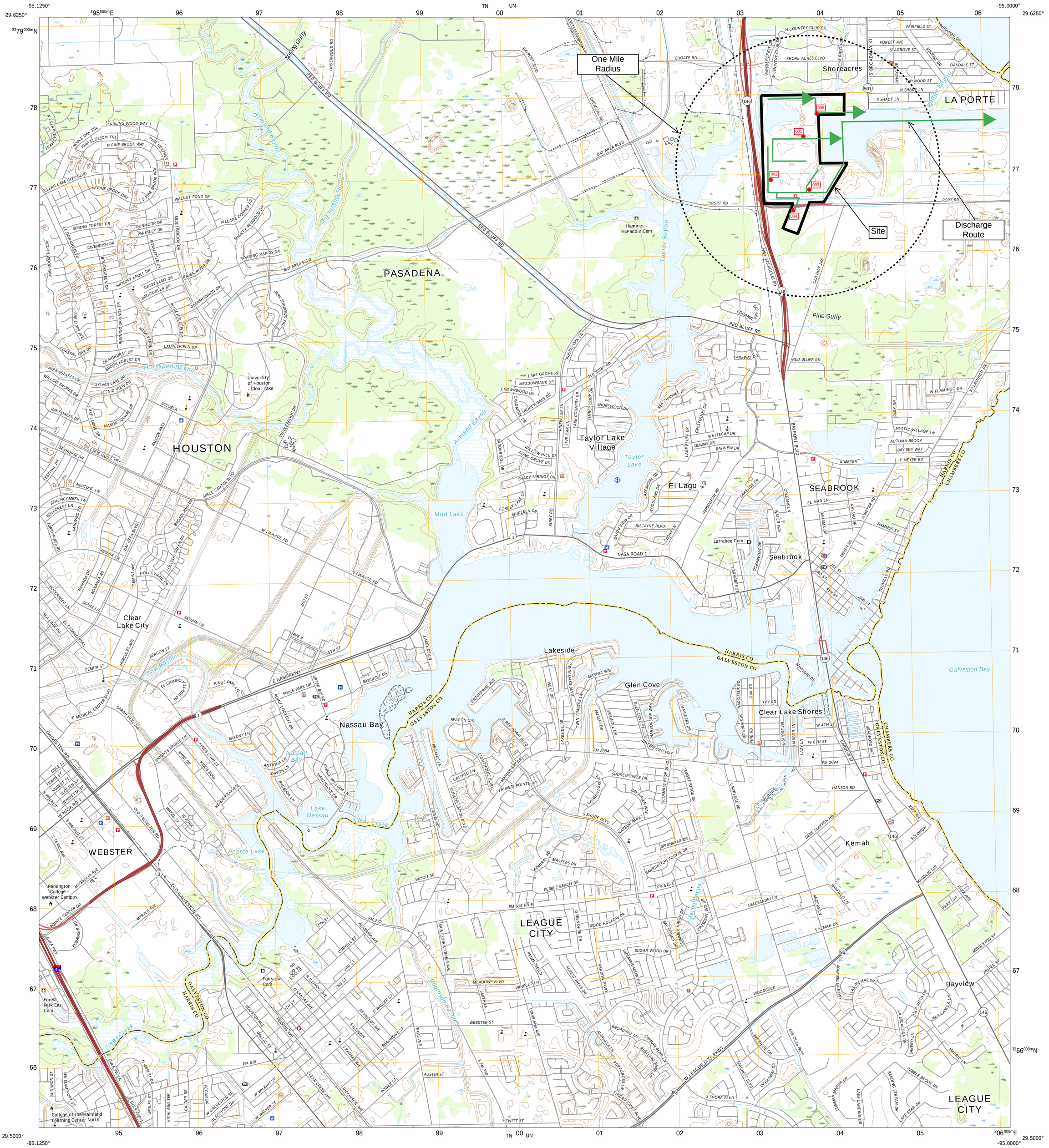
☐ Mailed by TCEQ's Office of the Chief Clerk

☐ Other (specify)

U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

The National Map US Topo

LEAGUE CITY QUADRANGLE
TEXAS
7.5-MINUTE SERIES



Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1 000-meter grid:Universal Transverse Mercator, Zone 15R

This map is not a legal document. Boundaries may be generalized for this map scale. Private lands within government reservations may not be shown. Obtain permission before entering private lands.

Imagery.....NAIP, September 2016 - November 2016
Roads..... U.S. Census Bureau, 2015 - 2019
Names.....GNIS, 1979 - 2022
Hydrography.....National Hydrography Dataset, 2003 - 2018
Contours.....National Elevation Dataset, 2010
Boundaries.....Multiple sources; see metadata file 2019 - 2021

Wetlands.....FWS National Wetlands Inventory Not Available

MN
GN
1°1′ 18 MILS
2°11′ 39 MILS
UTM GRID AND 2019 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

U.S. National Grid
100,000-m Square ID
TN UN
Grid Zone Designation 15R

SCALE 1:24 000
1 0.5 0 KILOMETERS 1 2
1000 500 0 METERS 1000 2000
1 0.5 0 1 MILES
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000 FEET

CONTOUR INTERVAL 5 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988

This map was produced to conform with the National Geospatial Program US Topo Product Standard.

TEXAS
QUADRANGLE LOCATION

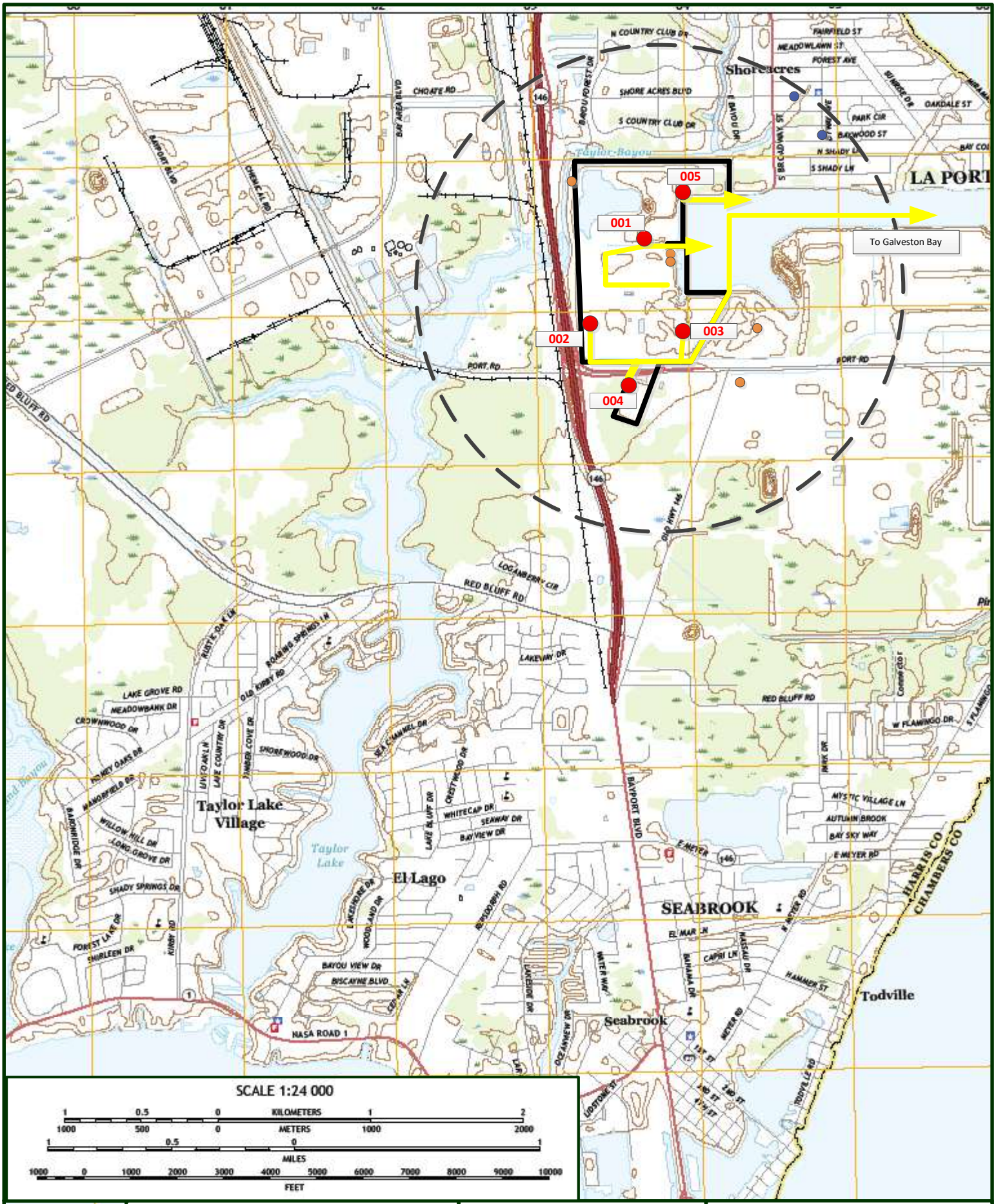
1	2	3
4		5
6	7	8

ADJOINING QUADRANGLES
1 Pasadena
2 La Porte
3 Morgans Point
4 Friendswood
5 Bacliff
6 Algoa
7 Dickinson
8 Texas City

ROAD CLASSIFICATION
Expressway
Secondary Hwy
Ramp
Local Connector
Local Road
4WD
Interstate Route
US Route
State Route

LEAGUE CITY, TX
2022

NSN. 7643016396979
NGA REF NO. USGSX24K25229



ALLIANT ENVIRONMENTAL, LLC
1842 Snake River Rd
Katy, TX 77449
PH: (281)717-4392

USGS Topographic Map
League City Quadrangle 2019
7.5- Minute Seires

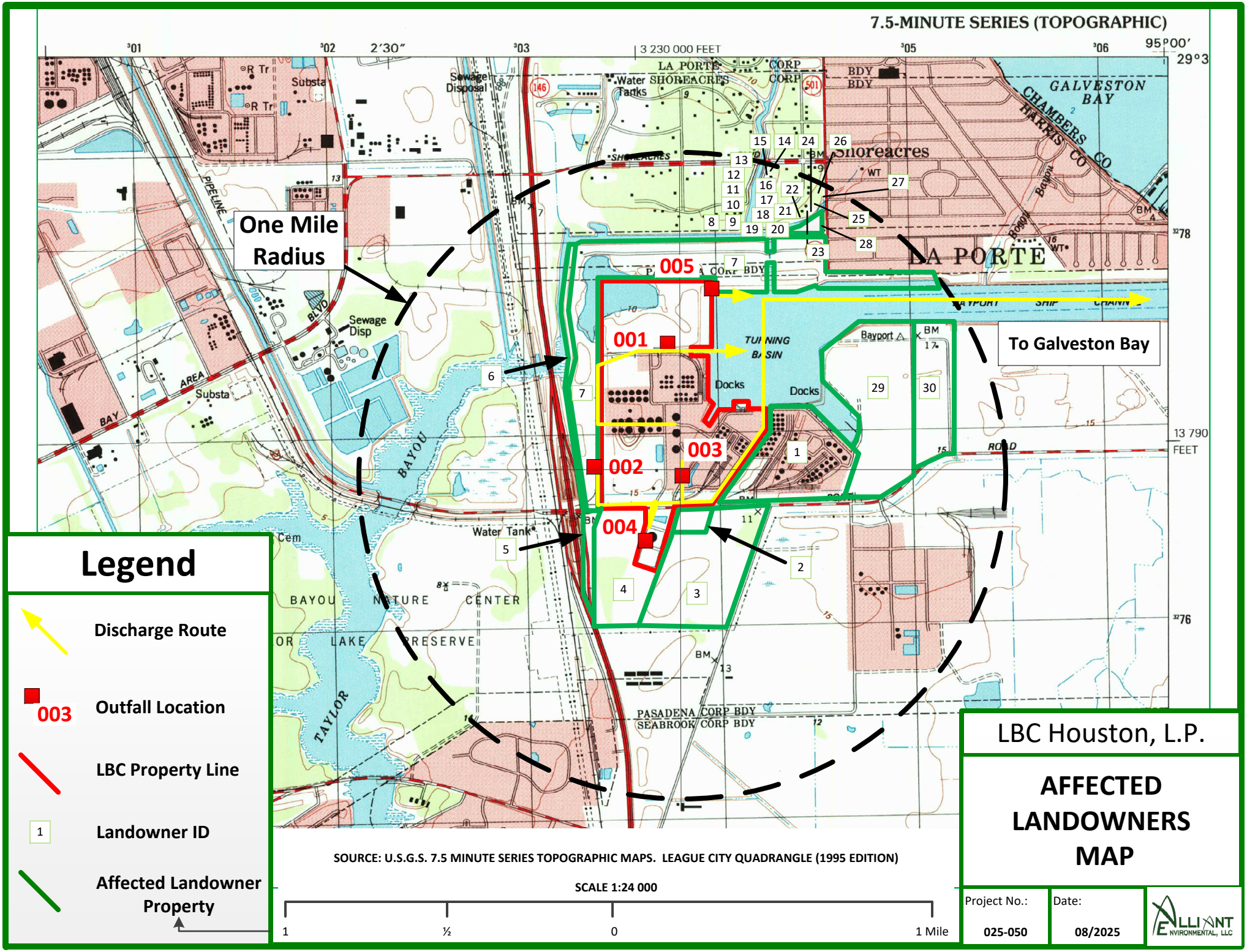
Date: 5/3/2019

Drawn By: AK

TPDES Renewal Application
LBC Houston, L.P.

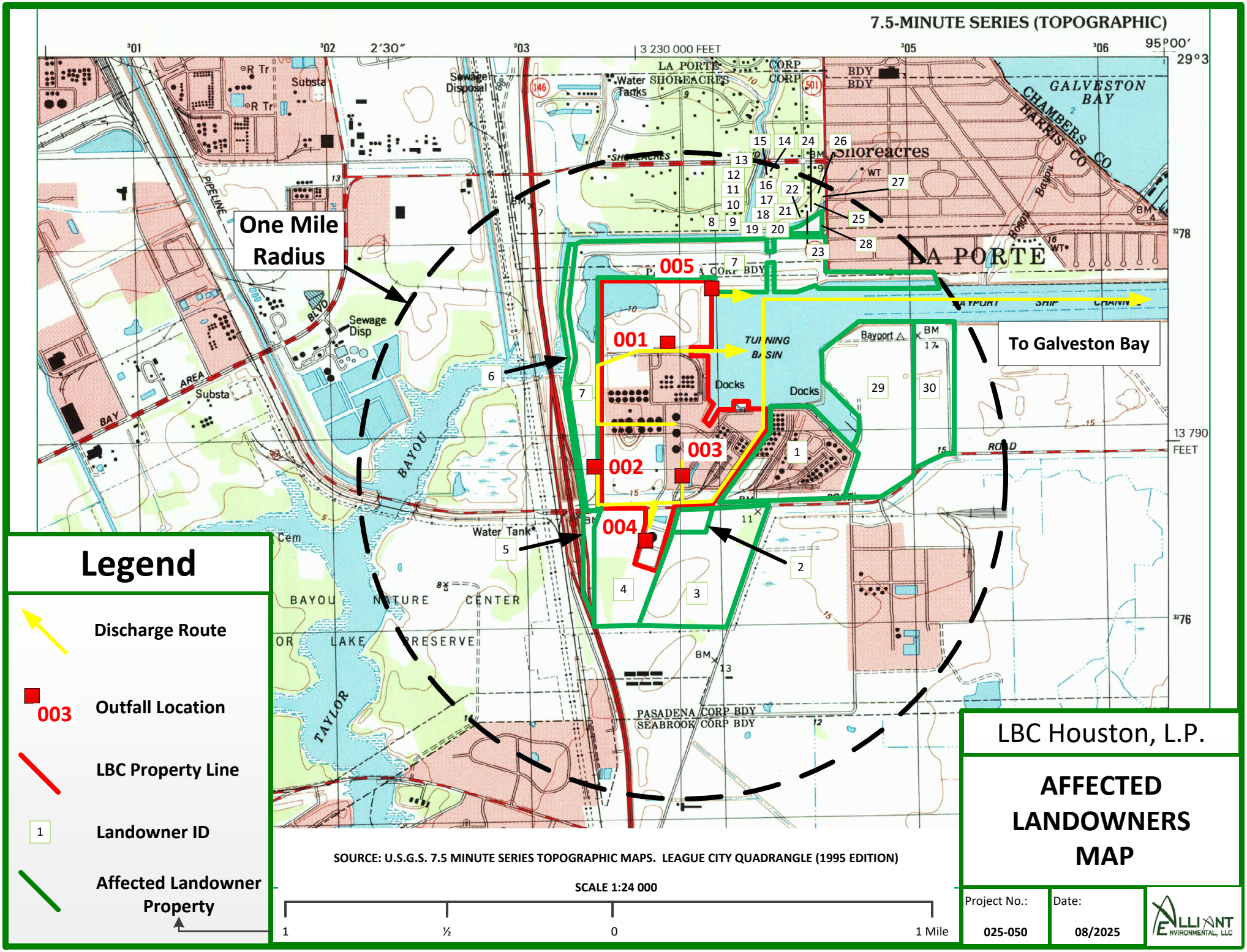
Legend:

- LBC Property Boundary
- Outfall Discharge Route
- Outfall Location
- Monitoring Well
- Groundwater Monitoring Well
- 001 Outfall Number
- One-mile Radius Surrounding LBC Property


7.5-MINUTE SERIES (TOPOGRAPHIC)
One Mile Radius
To Galveston Bay
001
002
003
004
005
LA PORTE
Shoreacres
GALVESTON BAY
TURNING BASIN
Docks
Bayport
Water Tanks
Sewage Disposal
Sewage Disp
Water Tank
BAYOU NATURE CENTER
LAKE
PASADENA CORP BDY
SEABROOK CORP BDY
Legend
Discharge Route
003 Outfall Location
LBC Property Line
1 Landowner ID
Affected Landowner Property
SOURCE: U.S.G.S. 7.5 MINUTE SERIES TOPOGRAPHIC MAPS. LEAGUE CITY QUADRANGLE (1995 EDITION)
SCALE 1:24 000
1 ½ 0 1 Mile
LBC Houston, L.P.
AFFECTED LANDOWNERS MAP
Project No.: 025-050
Date: 08/2025
ALLIANT ENVIRONMENTAL, LLC

Cross-Referenced Landowner List

No.	Name/Owner	Mailing Address	City	State	Zip Code
1	Baytank Houston Inc	12211 Port Rd	Seabrook	TX	77586
2	Bayport Holding LLC	595 Orleans St FL 15	Beaumont	TX	77701
3	Port of Houston Authority	111 East Loop N	Houston	TX	77029
4	Centerpoint Energy Houston Electric LLC	1111 Louisiana FLR 38	Houston	TX	77702
5	Echo US Holdings LLC	430 Park Avenue	New York	NY	10022
6	Exxon Mobil Corporation	PO Box 53	Houston	TX	77001
7	Wiggins Karen I	901 S County Club Dr	La Porte	TX	77571
8	City of Shoreacres	601 Shore Acres Blvd	La Porte	TX	77571
9	Gioelle Charles & Nancy	3510 W Bayou Dr	La Porte	TX	77571
10	Lopez Carlos III	3508 W Bayou Dr	La Porte	TX	77571
11	Gomez Meliton & Maria L	950 Shore Acres Blvd	La Porte	TX	77571
12	Seago Mary	3414 Bayou Dr	La Porte	TX	77571
13	Laster Kevin W & Tina M	3415 E Bayou Dr	La Porte	TX	77571
14	Govea Edison and Shelly R.	3421 E Bayou Dr	La Porte	TX	77571
15	Mancias Erasmo & Gracia	606 Briar Breek Dr	La Porte	TX	77571
16	Rogers Robert & Dolores	3511 E Bayou Dr	La Porte	TX	77571
17	RS Rental III A LLC	32 Mercer ST 4th Floor	New York	NY	10013
18	Inns Mitchell Hunter	1125 Grace St	Deer Park	TX	77536
19	Maher Mary B	2410 W 8th St	Austin	TX	78703
20	Alvarez Timothy Wayne	869 S Country Club Dr	La Porte	TX	77571
21	Howie Fredrick L	865 S Country Club Dr	La Porte	TX	77571
22	Adler Nathan & Regan	825 S Country Club Dr	La Porte	TX	77571
23	Yokem Kimberly E	861 S Country Club Dr	La Porte	TX	77571
24	Glover Shari L	809 S Country Club Dr	La Porte	TX	77571
25	Naumann Helmu J & Marcella	805 S Country Club Dr	La Porte	TX	77571
26	Portillo Henry	3525 E Country Club Dr	La Porte	TX	77571
27	Perez Pedro & Consuelo	3804 Newton Dr	Pasadena	TX	77503
28	Yoder Dr Nelson J	PO Box 1546	La Porte	TX	77571
29	Crosser Robert M	619 S Shady Ln	La Porte	TX	77571
30	Weatherly Britt & Kaleen	PO Box 373	La Porte	TX	77572
31	Martinez Timoteo	611 S Shady Ln	La Porte	TX	77571
32	San Miguel Jesse & Jennifer	3955 Salvador St	Pasadena	TX	77504
33	Kasper Nancy L	531 Shady Ln	La Porte	TX	77571
34	Ragusa Julia Marie	527 S Shady Ln	La Porte	TX	77571
35	Pena Eden	523 S Shady Ln	La Porte	TX	77571
36	Maroon Coast Group LLC	PO Box 6798	Houston	TX	77571
37	Bear Kelly	507 S Shady Ln	La Porte	TX	77571
38	Bear Sidney & Christie A	323 Willow Vista Dr	El Lago	TX	77586
39	Shafaii Raj	1622 Federal Rd Ste 30	Houston	TX	77015
40	Rodriguez Patricia R	435 S Shady Ln	La Porte	TX	77571
41	Byrd Robert W	419 S Shady Ln	La Porte	TX	77571
42	Guzman Leslie & Ricardo	PO Box 1533	La Porte	TX	77572
43	Jackson J M	435 Baywood St	La Porte	TX	77571
44	San Jacinto College Maritime Campus Bayport	4624 Fairmont Pkwy Ste 200	Pasadena	TX	77054


7.5-MINUTE SERIES (TOPOGRAPHIC)
One Mile Radius
To Galveston Bay
001
002
003
004
005
LA PORTE
Shoreacres
GALVESTON BAY
TURNING BASIN
Docks
Bayport
Water Tanks
Sewage Disposal
Sewage Disp
Water Tank
BAYOU NATURE CENTER
LAKE
PASADENA CORP BDY
SEABROOK CORP BDY
Legend
Discharge Route
003 Outfall Location
LBC Property Line
1 Landowner ID
Affected Landowner Property
SOURCE: U.S.G.S. 7.5 MINUTE SERIES TOPOGRAPHIC MAPS. LEAGUE CITY QUADRANGLE (1995 EDITION)
SCALE 1:24 000
1 ½ 0 1 Mile
LBC Houston, L.P.
AFFECTED LANDOWNERS MAP
Project No.: 025-050
Date: 08/2025
ALLIANT ENVIRONMENTAL, LLC

Cross-Referenced Landowner List

No.	Name/Owner	Mailing Address	City	State	Zip Code
1	Baytank Houston Inc	12211 Port Rd	Seabrook	TX	77586
2	Bayport Holding LLC	595 Orleans St FL 15	Beaumont	TX	77701
3	Port of Houston Authority	111 East Loop N	Houston	TX	77029
4	Centerpoint Energy Houston Electric LLC	1111 Louisiana FLR 38	Houston	TX	77702
5	Echo US Holdings LLC	430 Park Avenue	New York	NY	10022
6	Exxon Mobil Corporation	PO Box 53	Houston	TX	77001
7	Wiggins Karen I	901 S County Club Dr	La Porte	TX	77571
8	City of Shoreacres	601 Shore Acres Blvd	La Porte	TX	77571
9	Gioelle Charles & Nancy	3510 W Bayou Dr	La Porte	TX	77571
10	Lopez Carlos III	3508 W Bayou Dr	La Porte	TX	77571
11	Gomez Meliton & Maria L	950 Shore Acres Blvd	La Porte	TX	77571
12	Seago Mary	3414 Bayou Dr	La Porte	TX	77571
13	Laster Kevin W & Tina M	3415 E Bayou Dr	La Porte	TX	77571
14	Govea Edison and Shelly R.	3421 E Bayou Dr	La Porte	TX	77571
15	Mancias Erasmo & Gracia	606 Briar Breek Dr	La Porte	TX	77571
16	Rogers Robert & Dolores	3511 E Bayou Dr	La Porte	TX	77571
17	RS Rental III A LLC	32 Mercer ST 4th Floor	New York	NY	10013
18	Inns Mitchell Hunter	1125 Grace St	Deer Park	TX	77536
19	Maher Mary B	2410 W 8th St	Austin	TX	78703
20	Alvarez Timothy Wayne	869 S Country Club Dr	La Porte	TX	77571
21	Howie Fredrick L	865 S Country Club Dr	La Porte	TX	77571
22	Adler Nathan & Regan	825 S Country Club Dr	La Porte	TX	77571
23	Yokem Kimberly E	861 S Country Club Dr	La Porte	TX	77571
24	Glover Shari L	809 S Country Club Dr	La Porte	TX	77571
25	Naumann Helmu J & Marcella	805 S Country Club Dr	La Porte	TX	77571
26	Portillo Henry	3525 E Country Club Dr	La Porte	TX	77571
27	Perez Pedro & Consuelo	3804 Newton Dr	Pasadena	TX	77503
28	Yoder Dr Nelson J	PO Box 1546	La Porte	TX	77571
29	Crosser Robert M	619 S Shady Ln	La Porte	TX	77571
30	Weatherly Britt & Kaleen	PO Box 373	La Porte	TX	77572
31	Martinez Timoteo	611 S Shady Ln	La Porte	TX	77571
32	San Miguel Jesse & Jennifer	3955 Salvador St	Pasadena	TX	77504
33	Kasper Nancy L	531 Shady Ln	La Porte	TX	77571
34	Ragusa Julia Marie	527 S Shady Ln	La Porte	TX	77571
35	Pena Eden	523 S Shady Ln	La Porte	TX	77571
36	Maroon Coast Group LLC	PO Box 6798	Houston	TX	77571
37	Bear Kelly	507 S Shady Ln	La Porte	TX	77571
38	Bear Sidney & Christie A	323 Willow Vista Dr	El Lago	TX	77586
39	Shafaii Raj	1622 Federal Rd Ste 30	Houston	TX	77015
40	Rodriguez Patricia R	435 S Shady Ln	La Porte	TX	77571
41	Byrd Robert W	419 S Shady Ln	La Porte	TX	77571
42	Guzman Leslie & Ricardo	PO Box 1533	La Porte	TX	77572
43	Jackson J M	435 Baywood St	La Porte	TX	77571
44	San Jacinto College Maritime Campus Bayport	4624 Fairmont Pkwy Ste 200	Pasadena	TX	77054

BAYTANK HOUSTON INC
12211 PORT RD
SEABROOK TX 77586

BAYPORT HOLDING LLC
595 ORLEANS ST FL 15
BEAUMONT TX 77701

PORT OF HOUSTON AUTHORITY
111 EAST LOOP N
HOUSTON TX 77029

CENTERPOINT ENERGY HOUSTON ELECTRIC LLC
1111 LOUISIANA FLR 38
HOUSTON TX 77702

ECHO US HOLDINGS LLC
430 PARK AVENUE
NEW YORK NY 10022

EXXON MOBIL CORPORATION
PO BOX 53
HOUSTON TX 77001

WIGGINS KAREN I
901 S COUNTY CLUB DR
LA PORTE TX 77571

CITY OF SHOREACRES
601 SHORE ACRES BLVD
LA PORTE TX 77571

GIOELLE CHARLES AND NANCY
3510 W BAYOU DR
LA PORTE TX 77571

LOPEZ CARLOS III
3508 W BAYOU DR
LA PORTE TX 77571

GOMEZ MELITON AND MARIA L
950 SHORE ACRES BLVD
LA PORTE TX 77571

SEAGO MARY
3414 BAYOU DR
LA PORTE TX 77571

LASTER KEVIN W AND TINA M
3415 E BAYOU DR
LA PORTE TX 77571

GOVEA EDISON AND SHELLY R
3421 E BAYOU DR
LA PORTE TX 77571

MANCIAS ERASMO AND GRACIA
606 BRIAR BREEK DR
LA PORTE TX 77571

ROGERS ROBERT AND DOLORES
3511 E BAYOU DR
LA PORTE TX 77571

RS RENTAL III A LLC
32 MERCER ST 4TH FLOOR
NEW YORK NY 10013

INNS MITCHELL HUNTER
1125 GRACE ST
DEER PARK TX 77536

MAHER MARY B
2410 W 8TH ST
AUSTIN TX 78703

ALVAREZ TIMOTHY WAYNE
869 S COUNTRY CLUB DR
LA PORTE TX 77571

HOWIE FREDRICK L
865 S COUNTRY CLUB DR
LA PORTE TX 77571

ADLER NATHAN AND REGAN
825 S COUNTRY CLUB DR
LA PORTE TX 77571

YOKEM KIMBERLY E
861 S COUNTRY CLUB DR
LA PORTE TX 77571

GLOVER SHARI L
809 S COUNTRY CLUB DR
LA PORTE TX 77571

NAUMANN HELMU J AND MARCELLA
805 S COUNTRY CLUB DR
LA PORTE TX 77571

PORTILLO HENRY
3525 E COUNTRY CLUB DR
LA PORTE TX 77571

PEREZ PEDRO AND CONSUELO
3804 NEWTON DR
PASADENA TX 77503

YODER DR NELSON J
PO BOX 1546
LA PORTE TX 77571

CROSSER ROBERT M
619 S SHADY LN
LA PORTE TX 77571

WEATHERLY BRITT AND KALEEN
PO BOX 373
LA PORTE TX 77572

MARTINEZ TIMOTEO
611 S SHADY LN
LA PORTE TX 77571

SAN MIGUEL JESSE AND JENNIFER
3955 SALVADOR ST
PASADENA TX 77504

KASPER NANCY L
531 SHADY LN
LA PORTE TX 77571

RAGUSA JULIA MARIE
527 S SHADY LN
LA PORTE TX 77571

PENA EDEN
523 S SHADY LN
LA PORTE TX 77571

MAROON COAST GROUP LLC
PO BOX 6798
HOUSTON TX 77571

BEAR KELLY
507 S SHADY LN
LA PORTE TX 77571

BEAR SIDNEY AND CHRISTIE A
323 WILLOW VISTA DR
EL LAGO TX 77586

SHAFAII RAJ
1622 FEDERAL RD STE 30
HOUSTON TX 77015

RODRIGUEZ PATRICIA R
435 S SHADY LN
LA PORTE TX 77571

BYRD ROBERT W
419 S SHADY LN
LA PORTE TX 77571

GUZMAN LESLIE AND RICARDO
PO BOX 1533
LA PORTE TX 77572

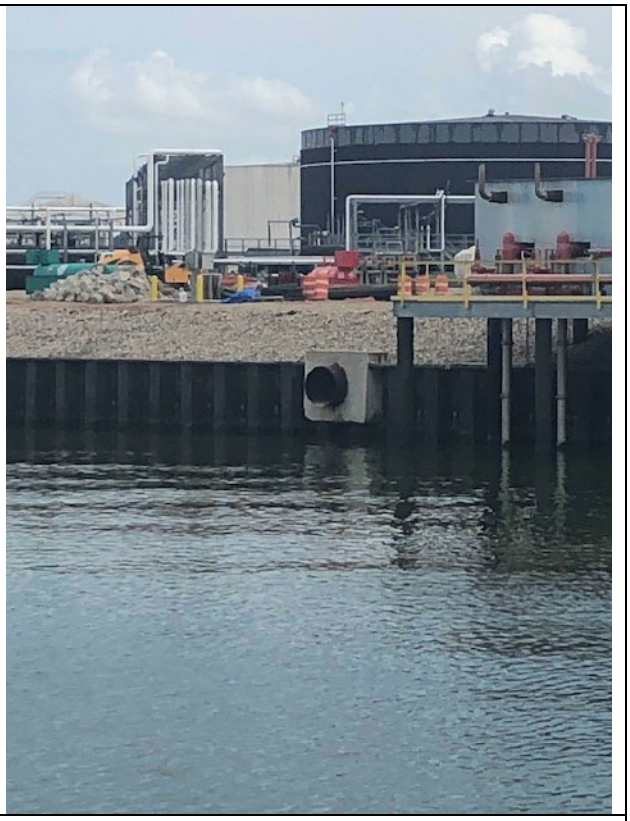
JACKSON J M
435 BAYWOOD ST
LA PORTE TX 77571

SAN JACINTO COLLEGE MARITIME
CAMPUS BAYPORT
4624 FAIRMONT PKWY STE 200
PASADENA TX 77054

LBC Houston Terminal Wastewater Permit Application

Outfall Photographs

Photograph 1 – Outfall 001 **Photo of relocated discharge valve.**	
Photograph 2 – Relocated Outfall 001 **Photo of discharge valve.**	

Photograph 3 – Relocated Outfall 001 **Photo of discharge point into bay.**	
There were no other changes to any of the other existing permitted outfalls (Outfalls 002-005)	

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: LBC Houston, L.P.

   Permit No. WQ00 02110000 EPA ID No. TX 00075302

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

   11666 Port Road, Seabrook, TX 77586, Harris County (NE intersection of Port Road and Highway 146)

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: Bobby Panepinto

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

Title: Regional Manager, Regulatory Compliance

Mailing Address: 11666 Port Road

City, State, Zip Code: Seabrook, TX 77586

Phone No.: (281) 291-3402 Ext.: Click here to enter text. Fax No.: (281) 291-3428

E-mail Address: b-panepinto@lbctt.com

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

N/A

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

001 – Water flows from drainage ditch along main entrance road to NE of facility into HCFCD F303-00-00, thence into the Bayport Ship Channel. 002 flows into HCFCD F303-00-00, thence runs along southern most point of the facility to the Bayport Ship Channel. 003, and 004 – Each outfall runs along southernmost point of facility to the Bayport Ship Channel. 005 – Water flows east along the northernmost point of the facility into an unnamed ditch then to the Bayport Ship Channel.

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

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

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

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

☐ Sealing caves, fractures, sinkholes, other karst features

☐ Disturbance of vegetation or wetlands

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

No construction is proposed as part of this application.

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

This facility is an existing bulk liquid chemical storage terminal. The entire facility is industrial by nature.

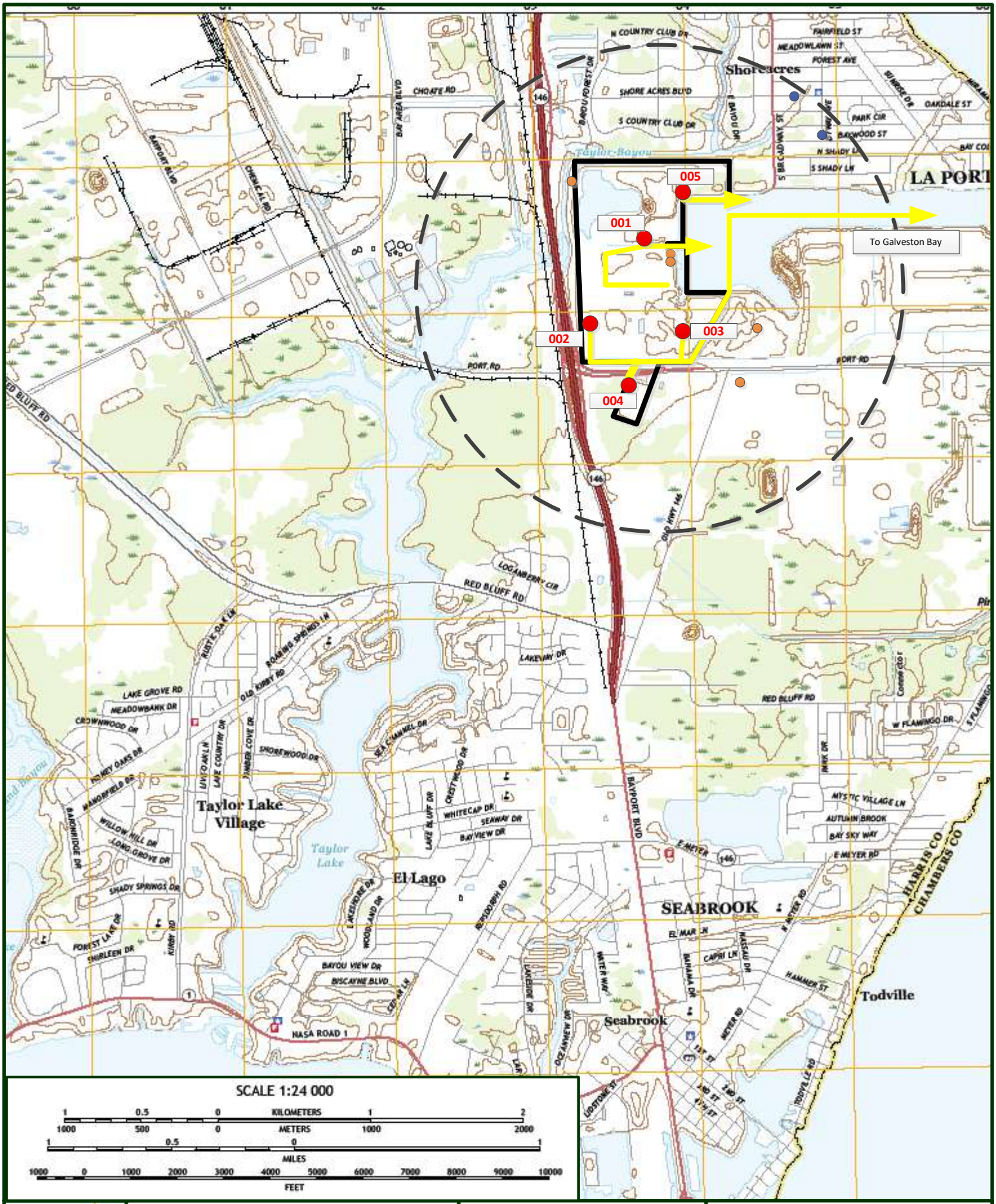
THE FOLLOWING ITEMS APPLY ONLY TO APPLICATIONS FOR NEW TPDES PERMITS AND MAJOR AMENDMENTS TO TPDES PERMITS

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

Construction commented in 1975. Additional tankage, piping, docks and associated facilities have been added since.

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

Terminal construction/site development began in 1975.



ALLIANT ENVIRONMENTAL, LLC
1842 Snake River Rd
Katy, TX 77449
PH: (281)717-4392

USGS Topographic Map
League City Quadrangle 2019
7.5- Minute Seires

Date: 5/3/2019

Drawn By: AK

TPDES Renewal Application
LBC Houston, L.P.

Legend:

- LBC Property Boundary
- Outfall Discharge Route
- Outfall Location
- Monitoring Well
- Groundwater Monitoring Well
- 001 Outfall Number
- One-mile Radius Surrounding LBC Property

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

INDUSTRIAL WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.0

The following information **is required** for all applications for a TLAP or an individual TPDES discharge permit.

For **additional information** or clarification on the requested information, please refer to the Instructions for Completing the Industrial Wastewater Permit Application[1] available on the TCEQ website. Please contact the Industrial Permits Team at 512-239-4671 with any questions about this form.

If more than one outfall is included in the application, provide applicable information for each individual outfall. **If an item does not apply to the facility, enter N/A** to indicate that the item has been considered. Include separate reports or additional sheets as **clearly cross-referenced attachments** and provide the attachment number in the space provided for the item the attachment addresses.

NOTE: This application is for an industrial wastewater permit only. Additional authorizations from the TCEQ Waste Permits Division or the TCEQ Air Permits Division may be needed.

Item 1. Facility/Site Information (Instructions, Page 39)

a. Describe the general nature of the business and type(s) of industrial and commercial activities. Include all applicable SIC codes (up to 4).

LBC Houston, L.P. is a bulk liquid storage terminal engaged in the storage and transportation of miscellaneous liquid products. Product types include petrochemicals, oils, acids, bases, and other chemicals and products as needed. The site consists of storage tanks, truck and rail loading / unloading racks, temporary rail storage, marine docks, pipelines, and undeveloped areas. The facility is not a manufacturing or production facility.

b. Describe all wastewater-generating processes at the facility.

There are no manufacturing/production processes at the facility. Discharges through the TPDES outfalls consists primarily of stormwater. Operational area stormwater is rainwater collected in truck, rail and marine loading secondary containment, and pump station secondary containment. This water has the potential to contact products handled in these areas, but under normal circumstances is uncontaminated. Operational and non-operational area stormwater, if contaminated, can be routed through a collection system to a storage tank (biological, pH treatment), thence to a POTW; if uncontaminated can be routed through the TPDES permitted outfall. Other minor and/or occasional industrial wastewater sources include steam trap release (small contribution), hydrostatic test water, and water used during fire system testing. Contaminated wastewaters generated during activities such as tank and line cleaning, spills and releases, or from other miscellaneous sources are typically collected and disposed at off-site approved TSDF facilities. Additionally, as a part of this major amendment application, LBC is proposing to add a new waste stream to the permit that will be discharged through all Outfalls. This waste stream is associated with a new Reverse Osmosis (RO) process.

[1] https://www.tceq.texas.gov/permitting/wastewater/industrial/TPDES_industrial_wastewater_steps.html

c. Provide a list of raw materials, major intermediates, and final products handled at the facility.

Materials List

Raw Materials	Intermediate Products	Final Products
See Attachment G		

Attachment: G

d. Attach a facility map (drawn to scale) with the following information:

- Production areas, maintenance areas, materials-handling areas, waste-disposal areas, and water intake structures.
- The location of each unit of the WWTP including the location of wastewater collection sumps, impoundments, outfalls, and sampling points, if significantly different from outfall locations.

Attachment: H

e. Is this a new permit application for an existing facility?

☐ Yes ☒ No

If **yes**, provide background discussion: Click to enter text.

f. Is/will the treatment facility/disposal site be located above the 100-year frequency flood level.

☐ Yes ☒ No

List source(s) used to determine 100-year frequency flood plain: Click to enter text.

If **no**, provide the elevation of the 100-year frequency flood plain and describe what protective measures are used/proposed to prevent flooding (including tail water and rainfall run-on controls) of the treatment facility and disposal area: Click to enter text.

Attachment: Click to enter text.

g. For **new** or **major amendment** permit applications, will any construction operations result in a discharge of fill material into a water in the state?

☐ Yes ☒ No ☐ N/A (renewal only)

h. If **yes** to Item 1.g, has the applicant applied for a USACE CWA Chapter 404 Dredge and Fill permit?

☐ Yes ☐ No

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

If **no**, provide an approximate date of application submittal to the USACE: Click to enter text.

Item 2. Treatment System (Instructions, Page 40)

a. List any physical, chemical, or biological treatment process(es) used/proposed to treat wastewater at this facility. Include a description of each treatment process, starting with initial treatment and finishing with the outfall/point of disposal.

Wastewater generated at the site is handled via two distinct systems: (1) TPDES discharge; and (2) Onsite storage and treatment, this is discharged to a POTW (Gulf Coast Waste Disposal Authority). Water routed through this TPDES permitted system is comprised primarily of storm water and is untreated.

b. Attach a flow schematic **with a water balance** showing all sources of water and wastewater flow into the facility, wastewater flow into and from each treatment unit, and wastewater flow to each outfall/point of disposal.

Attachment: I

Item 3. Impoundments (Instructions, Page 40)

Does the facility use or plan to use any wastewater impoundments (e.g., lagoons or ponds?)

☐ Yes ☒ No

If **no**, proceed to Item 4. If **yes**, complete **Item 3.a** for **existing** impoundments and **Items 3.a - 3.e** for **new or proposed** impoundments. **NOTE:** See instructions, Pages 40-42, for additional information on the attachments required by Items 3.a – 3.e.

a. Complete the table with the following information for each existing, new, or proposed impoundment. Attach additional copies of the Impoundment Information table, if needed.

Use Designation: Indicate the use designation for each impoundment as Treatment (**T**), Disposal (**D**), Containment (**C**), or Evaporation (**E**).

Associated Outfall Number: Provide an outfall number if a discharge occurs or will occur.

Liner Type: Indicate the liner type as Compacted clay liner (**C**), In-situ clay liner (**I**), Synthetic/plastic/rubber liner (**S**), or Alternate liner (**A**). **NOTE:** See instructions for further detail on liner specifications. If an alternate liner (A) is selected, include an attachment that provides a description of the alternate liner and any additional technical information necessary for an evaluation.

Leak Detection System: If any leak detection systems are in place/planned, enter **Y** for yes. Otherwise, enter **N** for no.

Groundwater Monitoring Wells and Data: If groundwater monitoring wells are in place/planned, enter **Y** for yes. Otherwise, enter **N** for no. Attach any existing groundwater monitoring data.

Dimensions: Provide the dimensions, freeboard, surface area, storage capacity of the impoundments, and the maximum depth (not including freeboard). For impoundments with irregular shapes, submit surface area instead of length and width.

Compliance with 40 CFR Part 257, Subpart D: If the impoundment is required to be in compliance with 40 CFR Part 257, Subpart D, enter **Y** for yes. Otherwise, enter **N** for no.

Date of Construction: Enter the date construction of the impoundment commenced (mm/dd/yy).

Impoundment Information

Parameter	**Pond #**	**Pond #**	**Pond #**	**Pond #**
Use Designation: (T) (D) (C) or (E)				
Associated Outfall Number				
Liner Type (C) (I) (S) or (A)				
Alt. Liner Attachment Reference				
Leak Detection System, Y/N				
Groundwater Monitoring Wells, Y/N				
Groundwater Monitoring Data Attachment				
Pond Bottom Located Above The Seasonal High-Water Table, Y/N				
Length (ft)				
Width (ft)				
Max Depth From Water Surface (ft), Not Including Freeboard				
Freeboard (ft)				
Surface Area (acres)				
Storage Capacity (gallons)				
40 CFR Part 257, Subpart D, Y/N				
Date of Construction				

Attachment: Click to enter text.

The following information (**Items 3.b – 3.e**) is required only for **new or proposed** impoundments.

b. For new or proposed impoundments, attach any available information on the following items. If attached, check **yes** in the appropriate box. Otherwise, check **no** or **not yet designed**.

1. Liner data

☐ Yes ☐ No ☐ Not yet designed

2. Leak detection system or groundwater monitoring data

☐ Yes ☐ No ☐ Not yet designed

3. Groundwater impacts

☐ Yes ☐ No ☐ Not yet designed

NOTE: Item b.3 is required if the bottom of the pond is not above the seasonal high-water table in the shallowest water-bearing zone.

Attachment: Click to enter text.

For TLAP applications: Items 3.c – 3.e are **not required**, continue to Item 4.

c. Attach a USGS map or a color copy of original quality and scale which accurately locates and identifies all known water supply wells and monitor wells within ½-mile of the impoundments.

Attachment: Click to enter text.

d. Attach copies of State Water Well Reports (e.g., driller's logs, completion data, etc.), and data on depths to groundwater for all known water supply wells including a description of how the depths to groundwater were obtained.

Attachment: Click to enter text.

e. Attach information pertaining to the groundwater, soils, geology, pond liner, etc. used to assess the potential for migration of wastes from the impoundments or the potential for contamination of groundwater or surface water.

Attachment: Click to enter text.

Item 4. Outfall/Disposal Method Information (Instructions, Page 42)

Complete the following tables to describe the location and wastewater discharge or disposal operations for each outfall for discharge, and for each point of disposal for TLAP operations.

If there are more outfalls/points of disposal at the facility than the spaces provided, copies of pages 6 and/0r numbered accordingly (i.e., page 6a, 6b, etc.) may be used to provide information on the additional outfalls.

For TLAP applications: Indicate the disposal method and each individual irrigation area **I**, evaporation pond **E**, or subsurface drainage system **S** by providing the appropriate letter designation for the disposal method followed by a numerical designation for each disposal area in the space provided for **Outfall** number (e.g. **E1** for evaporation pond 1, **I2** for irrigation area No. 2, etc.).

Outfall Longitude and Latitude

Outfall No.	Latitude (Decimal Degrees)	Longitude (Decimal Degrees)
001	29.61261	-95.02784
002	29.60139	-95.055
003	29.60444	-95.02528
004	29.60333	-95.02722
005	29.61411	-95.02464

Outfall Location Description

Outfall No.	Location Description
001	001 Water flows from drainage ditch along the main entrance road to NE of facility into HCFCD F303-00-00, then into the Bayport Ship Channel
002	002 Valve located in drainage ditch near the main gate
003	003 Valve is located near the SE corner of the terminal administration building
004	004 Valve is located south of Port Road, on north end of the property
005	005 Discharge valve is located in a drainage ditch along east fence line near Barge Dock #7

Description of Sampling Point(s) (if different from Outfall location)

Outfall No.	Description of sampling point
001	Same
002	Same
003	Same
004	Same
005	Same

Outfall Flow Information – Permitted and Proposed

Outfall No.	Permitted Daily Avg Flow (MGD)	Permitted Daily Max Flow (MGD)	Proposed Daily Avg Flow (MGD)	Proposed Daily Max Flow (MGD)	Anticipated Discharge Date (mm/dd/yy)
001	Intermittent/Variable	Intermittent/Variable	Intermittent/Variable	Intermittent/Variable	Ongoing
002	Intermittent/Variable	Intermittent/Variable	Intermittent/Variable	Intermittent/Variable	Ongoing
003	Intermittent/Variable	Intermittent/Variable	Intermittent/Variable	Intermittent/Variable	Ongoing
004	Intermittent/Variable	Intermittent/Variable	Intermittent/Variable	Intermittent/Variable	Ongoing
005	Intermittent/Variable	Intermittent/Variable	Intermittent/Variable	Intermittent/Variable	Ongoing

Outfall Discharge – Method and Measurement

Outfall No.	Pumped Discharge? Y/N	Gravity Discharge? Y/N	Type of Flow Measurement Device Used
001	N	Y	Calculated
002	N	Y	Calculated
003	N	Y	Calculated
004	N	Y	Calculated
005	N	Y	Calculated

Outfall Discharge – Flow Characteristics

Outfall No.	Intermittent Discharge? Y/N	Continuous Discharge? Y/N	Seasonal Discharge? Y/N	Discharge Duration (hrs/day)	Discharge Duration (days/mo)	Discharge Duration (mo/yr)
001	Y	N	N	24	31	12
002	Y	N	N	24	31	12
003	Y	N	N	24	31	12
004	Y	N	N	24	31	12
005	Y	N	N	24	31	12

Outfall Wastestream Contributions

Outfall No. 001, 002, & 005

Contributing Wastestream	Volume (MGD)	Percent (%) of Total Flow
Storm Water	2.45-2.72	90-100%
Steam trap release	<0.003	<0.1%
Hydrostatic test water (batch discharge)	0-2.72	0-100%
Water from equipment testing	<0.03	<1%
Potable water	<0.03	<1%
Storm Water runoff from Magellan Pump Station (002 only)	<0.15	<5%
Reverse Osmosis Reject Water	<0.03	<1%

Outfall No. 003

Contributing Wastestream	Volume (MGD)	Percent (%) of Total Flow
Storm Water	2.45-9.01	90-100%
Steam trap release	<0.001	<0.1%
Hydrostatic test water (batch discharge)	0-2.72	0-100%

Contributing Wastestream	Volume (MGD)	Percent (%) of Total Flow
Water from equipment testing	<0.01	<1%
Potable water	<0.01	<1%
Reverse Osmosis Reject Water	<0.01	<1%

Outfall No. 004

Contributing Wastestream	Volume (MGD)	Percent (%) of Total Flow
Storm Water	0.66-1.5	90-100%
Steam trap release	<0.001	<0.1%
Hydrostatic test water (batch discharge)	0-0.74	0-100%
Water from equipment testing	<0.01	<1%
Potable water	<0.01	<1%
Reverse Osmosis Reject Water	<0.01	<1%

Attachment: Click to enter text.

Item 5. Blowdown and Once-Through Cooling Water Discharges (Instructions, Page 43)

a. Indicate if the facility currently or proposes to:

☐ Yes ☒ No Use cooling towers that discharge blowdown or other wastestreams

☐ Yes ☒ No Use boilers that discharge blowdown or other wastestreams

☐ Yes ☒ No Discharge once-through cooling water

NOTE: If the facility uses or plans to use cooling towers or once-through cooling water, Item 12 **is required**.

b. If **yes** to any of the above, attach an SDS with the following information for each chemical additive.

- Manufacturers Product Identification Number
- Product use (e.g., biocide, fungicide, corrosion inhibitor, etc.)
- Chemical composition including CASRN for each ingredient
- Classify product as non-persistent, persistent, or bioaccumulative
- Product or active ingredient half-life

- Frequency of product use (e.g., 2 hours/day once every two weeks)
- Product toxicity data specific to fish and aquatic invertebrate organisms
- Concentration of whole product or active ingredient, as appropriate, in wastestream.

In addition to each SDS, attach a summary of the above information for each specific wastestream and the associated chemical additives. Specify which outfalls are affected.

Attachment: Click to enter text.

c. Cooling Towers and Boilers

If the facility currently or proposes to use cooling towers or boilers that discharge blowdown or other wastestreams to the outfall(s), complete the following table.

Cooling Towers and Boilers

Type of Unit	Number of Units	Daily Avg Blowdown (gallons/day)	Daily Max Blowdown (gallons/day)
Cooling Towers			
Boilers			

Item 6. Stormwater Management (Instructions, Page 44)

Will any existing/proposed outfalls discharge stormwater associated with industrial activities, as defined at *40 CFR § 122.26(b)(14)*, commingled with any other wastestream?

☒ Yes ☐ No

If **yes**, briefly describe the industrial processes and activities that occur outdoors or in a manner which may result in exposure of the activities or materials to stormwater: See next page

Item 7. Domestic Sewage, Sewage Sludge, and Septage Management and Disposal (Instructions, Page 44)

Domestic Sewage - Waste and wastewater from humans or household operations that is discharged to a wastewater collection system or otherwise enters a treatment works.

a. Check the box next to the appropriate method of domestic sewage and domestic sewage sludge treatment or disposal. Complete Worksheet 5.0 or Item 7.b if directed to do so.

☒ Domestic sewage is routed (i.e., connected to or transported to) to a WWTP permitted to receive domestic sewage for treatment, disposal, or both. Complete Item 7.b.

☐ Domestic sewage disposed of by an on-site septic tank and drainfield system. Complete Item 7.b.

☐ Domestic and industrial treatment sludge ARE commingled prior to use or disposal.

☐ Industrial wastewater and domestic sewage are treated separately, and the respective sludge IS NOT commingled prior to sludge use or disposal. Complete Worksheet 5.0.

☐ Facility is a POTW. Complete Worksheet 5.0.

☐ Domestic sewage is not generated on-site.

☐ Other (e.g., portable toilets), specify and Complete Item 7.b: Click to enter text.

6. Typically, discharge is nearly 100% stormwater. Rainwater that accumulates on the site is generally categorized as operational area stormwater and non-operational area stormwater. In addition, Magellan operates an unmanned pump station that contributes stormwater to Outfall 005. Operational area containment, waste and product storage areas, and pump station have secondary containment. This water has the potential to contact products handled in these areas, but under normal circumstances is uncontaminated. Non-operational area stormwater is rainwater that falls in other areas of the facility and is normally uncontaminated. Maintenance activities are conducted in covered maintenance shops. When maintenance is conducted in other areas of the facility, all product is recovered and either returned to the system or disposed as waste. The facility maintains a no-drip policy which requires employees to catch any drips/drops that may occur during operations, and to clean up any release. Operational and nonoperational area stormwater, if contaminated, can be routed through a collection system to a storage tank, thence to a Gulf Coast Waste Disposal Authority (GCWDA); if uncontaminated can be routed through a TPDES permitted outfall.

b. Provide the name and TCEQ, NPDES, or TPDES Permit No. of the waste-disposal facility which receives the domestic sewage/septage. If hauled by motorized vehicle, provide the name and TCEQ Registration No. of the hauler.

Domestic Sewage Plant/Hauler Name

Plant/Hauler Name	Permit/Registration No.
Gulf Coast Authority	TPDES 01054

Item 8. Improvements or Compliance/Enforcement Requirements (Instructions, Page 45)

a. Is the permittee currently required to meet any implementation schedule for compliance or enforcement?

☐ Yes ☒ No

b. Has the permittee completed or planned for any improvements or construction projects?

☐ Yes ☒ No

c. If **yes** to either 8.a **or** 8.b, provide a brief summary of the requirements and a status update: Click to enter text.

Item 9. Toxicity Testing (Instructions, Page 45)

Have any biological tests for acute or chronic toxicity been made on any of the discharges or on a receiving water in relation to the discharge within the last three years?

☐ Yes ☒ No

If **yes**, identify the tests and describe their purposes: Click to enter text.

Additionally, attach a copy of all tests performed which **have not** been submitted to the TCEQ or EPA. **Attachment:** Click to enter text.

Item 10. Off-Site/Third Party Wastes (Instructions, Page 45)

a. Does or will the facility receive wastes from off-site sources for treatment at the facility, disposal on-site via land application, or discharge via a permitted outfall?

☐ Yes ☒ No

If **yes**, provide responses to Items 10.b through 10.d below.

If **no**, proceed to Item 11.

b. Attach the following information to the application:

- List of wastes received (including volumes, characterization, and capability with on-site wastes).
- Identify the sources of wastes received (including the legal name and addresses of the generators).
- Description of the relationship of waste source(s) with the facility's activities.

Attachment: Click to enter text.

c. Is or will wastewater from another TCEQ, NPDES, or TPDES permitted facility commingled with this facility's wastewater after final treatment and prior to discharge via the final outfall/point of disposal?

☐ Yes ☐ No

If **yes**, provide the name, address, and TCEQ, NPDES, or TPDES permit number of the contributing facility and a copy of any agreements or contracts relating to this activity.

Attachment: Click to enter text.

d. Is this facility a POTW that accepts/will accept process wastewater from any SIU and has/is required to have an approved pretreatment program under the NPDES/TPDES program?

☐ Yes ☐ No

If **yes**, **Worksheet 6.0** of this application **is required**.

Item 11. Radioactive Materials (Instructions, Page 46)

a. Are/will radioactive materials be mined, used, stored, or processed at this facility?

☐ Yes ☒ No

If **yes**, use the following table to provide the results of one analysis of the effluent for all radioactive materials that may be present. Provide results in pCi/L.

Radioactive Materials Mined, Used, Stored, or Processed

Radioactive Material Name	Concentration (pCi/L)

b. Does the applicant or anyone at the facility have any knowledge or reason to believe that radioactive materials may be present in the discharge, including naturally occurring radioactive materials in the source waters or on the facility property?

☐ Yes ☐ No

If **yes**, use the following table to provide the results of one analysis of the effluent for all radioactive materials that may be present. Provide results in pCi/L. Do not include information provided in response to Item 11.a.

Radioactive Materials Present in the Discharge

Radioactive Material Name	Concentration (pCi/L)

Item 12. Cooling Water (Instructions, Page 46)

a. Does the facility use or propose to use water for cooling purposes?

☐ Yes

☒ No

☐ Decommissioned: Click to enter text.

☐ To Be Decommissioned: Click to enter text.

If **yes**, complete Items 12.b thru 12.f. If **no**, stop here.

If **decommissioned**, provide the date operation ceased and stop here.

If to **be decommissioned**, provide the date operation is anticipated to cease and stop here.

b. Cooling water is/will be obtained from a groundwater source (e.g., on-site well).

☐ Yes ☐ No

If **yes**, stop here. If **no**, continue.

c. Cooling Water Supplier

1. Provide the name of the owner(s) and operator(s) for the CWIS that supplies or will supply water for cooling purposes to the facility.

Cooling Water Intake Structure(s) Owner(s) and Operator(s)

CWIS ID				
Owner				
Operator				

2. Cooling water is/will be obtained from a Public Water Supplier (PWS)

☐ No ☐ Yes; PWS No.: Click to enter text.

If **no**, continue. If **yes**, provide the PWS Registration No. and stop here.

3. Cooling water is/will be obtained from a reclaimed water source?

☐ No ☐ Yes; Auth No.: Click to enter text.

If **no**, continue. If **yes**, provide the Reuse Authorization No. and stop here.

4. Cooling water is/will be obtained from an Independent Supplier

☐ No ☐ Yes; AIF: Click to enter text.

If **no**, proceed to Item 12.d. If **yes**, provide the actual intake flow of the Independent Supplier's CWIS that is/will be used to provide water for cooling purposes and proceed.

d. 316(b) General Criteria

1. The CWIS(s) used to provide water for cooling purposes to the facility has or will have a cumulative design intake flow of 2 MGD or greater.

☐ Yes ☐ No

2. At least 25% of the total water withdrawn by the CWIS(s) is/will be used at the facility exclusively for cooling purposes on an annual average basis.

   ☐ Yes ☐ No

3. The CWIS(s) withdraw(s)/propose(s) to withdraw water for cooling purposes from surface waters that meet the definition of Waters of the United States in *40 CFR § 122.2*.

   ☐ Yes ☐ No. Explanation: Click to enter text.

   If **no**, provide an explanation of how the waterbody does not meet the definition of Waters of the United States in *40 CFR § 122.2*.

If **yes** to all three questions in Item 12.d, the facility **meets** the minimum criteria to be subject to the full requirements of Section 316(b) of the CWA. Proceed to **Item 12.f**.

If **no** to any of the questions in Item 12.d, the facility **does not meet** the minimum criteria to be subject to the full requirements of Section 316(b) of the CWA; however, a determination is required based upon BPJ. Proceed to **Item 12.e**.

e. The facility does not meet the minimum requirements to be subject to the fill requirements of Section 316(b) **and uses**/proposes **to use cooling towers**.

   ☐ Yes ☐ No

   If **yes**, stop here. If **no**, complete Worksheet 11.0, Items 1.a, 1.b.1-3 and 6, 2.b.1, and 3.a to allow for a determination based upon BPJ.

f. Oil and Gas Exploration and Production

   1. The facility is subject to requirements at 40 CFR Part 435, Subparts A or D.

      ☐ Yes ☐ No

      If **yes**, continue. If **no**, skip to Item 12.g.

   2. The facility is an existing facility as defined at 40 CFR § 125.92(k) or a new unit at an existing facility as defined at 40 CFR § 125.92(u).

      ☐ Yes ☐ No

      If **yes**, complete Worksheet 11.0, Items 1.a, 1.b.1-3 and 6, 2.b.1, and 3.a to allow for a determination based upon BPJ. If **no**, skip to Item 12.g.3.

g. Compliance Phase and Track Selection

   1. Phase I – New facility subject to 40 CFR Part 125, Subpart I

      ☐ Yes ☐ No

      If **yes**, check the box next to the compliance track selection, attach the requested information, and complete Worksheet 11.0, Items 2 and 3, and Worksheet 11.2.

      ☐ Track I – AIF greater than 2 MGD, but less than 10 MGD

      - Attach information required by *40 CFR §§ 125.86(b)(2)-(4)*.

      ☐ Track I – AIF greater than 10 MGD

      - Attach information required by *40 CFR § 125.86(b)*.

☐ Track II

- Attach information required by *40 CFR § 125.86(c).*

Attachment: Click to enter text.

2. Phase II – Existing facility subject to 40 CFR Part 125, Subpart J

   ☐ Yes ☐ No

   If **yes**, complete Worksheets 11.0 through 11.3, as applicable.

3. Phase III – New facility subject to 40 CFR Part 125, Subpart N

   ☐ Yes ☐ No

   If **yes**, check the box next to the compliance track selection and provide the requested information.

   ☐ Track I – Fixed facility

   - Attach information required by 40 CFR § 125.136(b) and complete Worksheet 11.0, Items 2 and 3, and Worksheet 11.2.

   ☐ Track I – Not a fixed facility

   - Attach information required by 40 CFR § 125.136(b) and complete Worksheet 11.0, Item 2 (except CWIS latitude/longitude under Item 2.a).

   ☐ Track II – Fixed facility

   - Attach information required by 40 CFR § 125.136(c) and complete Worksheet 11.0, Items 2 and 3.

   Attachment: Click to enter text.

Item 13. Permit Change Requests (Instructions, Page 48)

This item is only applicable to existing permitted facilities.

a. Is the facility requesting a **major amendment** of an existing permit?

   ☒ Yes ☐ No

   If **yes**, list each request individually and provide the following information: 1) detailed information regarding the scope of each request and 2) a justification for each request. Attach any supplemental information or additional data to support each request.

As part of the last renewal, the Texas Commission in Environmental Quality (TCEQ) added zinc conditions to the permit. The permit allowed for a compliance period to further assess the presence of zinc and to take actions as needed to address the condition. During the compliance period, LBC determined that there was no longer a source of zinc in the facility operations. In addition, zinc data collected over the past three years indicated that a single zinc value, collected as part of the previous application, appeared to be an outlier and resulted in the addition of zinc to the permit. Consequently, LBC is proposing to request that zinc limits be removed from the permit. Due to the circumstances described here, it is not believed this would constitute anti-backsliding.

LBC is also planning to add new waste streams to the permit that will be discharged through all Outfalls. These waste streams include discharge of reject water from a new Reverse Osmosis (RO) process and the discharge of storm water from construction activities in addition to the existing storm water associated with ongoing industrial activities.

In addition, the permit application will include the relocation of existing Outfall 001 by approximately 20-50 feet from its previously permitted location.

b. Is the facility requesting any **minor amendments** to the permit?

☐ Yes ☒ No

If **yes**, list and describe each change individually.

Click to enter text.

c. Is the facility requesting any **minor modifications** to the permit?

☐ Yes ☒ No

If **yes**, list and describe each change individually.

Click to enter text.

Item 14. Laboratory Accreditation (Instructions, Page 49)

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: Jeremy Alberty

Title: Operations Director, North America

Signature: _____

Date: _____

INDUSTRIAL WASTEWATER PERMIT APPLICATION WORKSHEET 2.0: POLLUTANT ANALYSIS

Worksheet 2.0 **is required** for all applications submitted for a TPDES permit. Worksheet 2.0 is not required for applications for a permit to dispose of all wastewater by land disposal or for discharges solely of stormwater associated with industrial activities.

Item 1. General Testing Requirements (Instructions, Page 55)

a. Provide the date range of all sampling events conducted to obtain the analytical data submitted with this application (e.g., 05/01/2018-05/30/2018): 8/12/2025-8/14/2025

b. ☒ Check the box to confirm all samples were collected no more than 12 months prior to the date of application submittal.

c. Read the general testing requirements in the instructions for important information about sampling, test methods, and MALs. If a contact laboratory was used, attach a list which includes the name, contact information, and pollutants analyzed for each laboratory/firm. **Attachment:** K

Item 2. Specific Testing Requirements (Instructions, Page 56)

Attach correspondence from TCEQ approving submittal of less than the required number of samples, if applicable. **Attachment:** Click to enter text.

TABLE 1 and TABLE 2 (Instructions, Page 58)

Completion of Tables 1 and 2 is required for all external outfalls for all TPDES permit applications.

Table 1 for Outfall No.: 001 **Samples are (check one): ☒ Composite ☐ Grab**

Pollutant	Sample 1 (mg/L)	Sample 2 (mg/L)	Sample 3 (mg/L)	Sample 4 (mg/L)
BOD (5-day)	2.32	4.07		
CBOD (5-day)	2.43	3.73		
Chemical oxygen demand	41	27.0		
Total organic carbon	4.56	5.52		
Dissolved oxygen	NA	NA		
Ammonia nitrogen	0.443	0.215		
Total suspended solids	4.9	23.3		
Nitrate nitrogen	0.8	0.548		
Total organic nitrogen	0.52	0.78		
Total phosphorus	0.032J	0.138		
Oil and grease	0.952J	4.29		
Total residual chlorine	NA	NA		

Pollutant	Sample 1 (mg/L)	Sample 2 (mg/L)	Sample 3 (mg/L)	Sample 4 (mg/L)
Total dissolved solids	2640	380		
Sulfate	261	104		
Chloride	1190	35.4		
Fluoride	0.38	0.438		
Total alkalinity (mg/L as CaCO3)	NA	NA		
Temperature (°F)	NA	NA		
pH (standard units)	NA	NA		

Table 2 for Outfall No.: 001 **Samples are (check one): ☒ Composite ☐ Grab**

Pollutant	Sample 1 (µg/L)	Sample 2 (µg/L)	Sample 3 (µg/L)	Sample 4 (µg/L)	MAL (µg/L)
Aluminum, total	213	457			2.5
Antimony, total	0.611J	1.44J			5
Arsenic, total	1.84J	3.14			0.5
Barium, total	82.6	87.0			3
Beryllium, total	<0.091	<0.091			0.5
Cadmium, total	0.093J	0.166J			1
Chromium, total	0.919J	6.68			3
Chromium, hexavalent	<2.4	3.0J			3
Chromium, trivalent	<10	<10			N/A
Copper, total	5.18	6.97			2
Cyanide, available	2.0J	<2.0			2/10
Lead, total	0.284J	1.17J			0.5
Mercury, total	<0.03	<0.03			0.005/0.0005
Nickel, total	0.982J	1.54J			2
Selenium, total	1.12J	<0.660			5
Silver, total	<0.044	<0.044			0.5
Thallium, total	<0.25	<0.25			0.5
Zinc, total	18.8	67.1			5.0

TABLE 3 (Instructions, Page 58)

Completion of Table 3 **is required** for all **external outfalls** which discharge process wastewater.

Partial completion of Table 3 **is required** for all **external outfalls** which discharge non-process wastewater and stormwater associated with industrial activities commingled with other wastestreams (see instructions for additional guidance).

Table 3 for Outfall No.: 001 **Samples are (check one): ☒ Composite ☐ Grab**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
Acrylonitrile					50
Anthracene					10
Benzene	<0.28	<0.28			10
Benzidine	<0.018	<0.018			50
Benzo(a)anthracene	<0.013	<0.013			5
Benzo(a)pyrene	<0.07	<0.07			5
Bis(2-chloroethyl)ether					10
Bis(2-ethylhexyl)phthalate					10
Bromodichloromethane [Dichlorobromomethane]					10
Bromoform					10
Carbon tetrachloride	<0.34	<0.34			2
Chlorobenzene	<0.36	<0.36			10
Chlorodibromomethane [Dibromochloromethane]	<0.39	<0.39			10
Chloroform	<0.32	<0.32			10
Chrysene	<0.034	<0.034			5
m-Cresol [3-Methylphenol]	<0.044	<0.044			10
o-Cresol [2-Methylphenol]	<0.033	<0.033			10
p-Cresol [4-Methylphenol]	<0.044	<0.044			10
1,2-Dibromoethane	<0.3	<0.3			10
m-Dichlorobenzene [1,3-Dichlorobenzene]					10
o-Dichlorobenzene [1,2-Dichlorobenzene]					10
p-Dichlorobenzene [1,4-Dichlorobenzene]	<0.35	<0.35			10
3,3'-Dichlorobenzidine					5
1,2-Dichloroethane	<0.41	<0.41			10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
1,1-Dichloroethene [1,1-Dichloroethylene]	<0.22	<0.22			10
Dichloromethane [Methylene chloride]					20
1,2-Dichloropropane					10
1,3-Dichloropropene [1,3-Dichloropropylene]					10
2,4-Dimethylphenol					10
Di-n-Butyl phthalate					10
Epichlorohydrin (1-Chloro-2,3-epoxypropane)					---
Ethylbenzene					10
Ethylene Glycol	<130	<130			---
Fluoride	380	438			500
Hexachlorobenzene	<0.09	<0.09			5
Hexachlorobutadiene	<2.5	<2.5			10
Hexachlorocyclopentadiene					10
Hexachloroethane	<0.045	<0.045			20
4,4'-Isopropylidenediphenol (bisphenol A)					1
Methyl ethyl ketone	<1.5	<1.5			50
Methyl tert-butyl ether (MTBE)					---
Nitrobenzene	<0.068	<0.068			10
N-Nitrosodiethylamine	<0.047	<0.047			20
N-Nitroso-di-n-butylamine	<0.12	<0.12			20
Nonylphenol					333
Pentachlorobenzene	<0.035	<0.035			20
Pentachlorophenol	<0.16	<0.16			5
Phenanthrene	<0.038	<0.038			10
Polychlorinated biphenyls (PCBs) (**)	<0.2	<0.2			0.2
Pyridine	0.12	<0.088			20
1,2,4,5-Tetrachlorobenzene	<0.067	<0.067			20
1,1,2,2-Tetrachloroethane					10
Tetrachloroethene [Tetrachloroethylene]	<0.3	<0.3			10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
Toluene					10
1,1,1-Trichloroethane	<0.24	<0.24			10
1,1,2-Trichloroethane					10
Trichloroethene [Trichloroethylene]	<0.35	<0.35			10
2,4,5-Trichlorophenol	<0.057	<0.057			50
TTHM (Total trihalomethanes)	<1.6	<1.6			10
Vinyl chloride	<0.23	<0.23			10

(*) Indicate units if different from µg/L.

(**) Total of detects for PCB-1242, PCB-1254, PCB-1221, PCB-1232, PCB-1248, PCB-1260, and PCB-1016. If all non-detects, enter the highest non-detect preceded by a "<".

TABLE 4 (Instructions, Pages 58-59)

Partial completion of Table 4 **is required** for each **external outfall** based on the conditions below.

a. **Tributyltin**

Is this facility an industrial/commercial facility which currently or proposes to directly dispose of wastewater from the types of operations listed below or a domestic facility which currently or proposes to receive wastewater from the types of industrial/commercial operations listed below?

☐ Yes ☒ No

If **yes**, check the box next to each of the following criteria which apply and provide the appropriate testing results in Table 4 below (check all that apply).

☐ Manufacturers and formulators of tributyltin or related compounds.

☐ Painting of ships, boats and marine structures.

☐ Ship and boat building and repairing.

☐ Ship and boat cleaning, salvage, wrecking and scaling.

☐ Operation and maintenance of marine cargo handling facilities and marinas.

☐ Facilities engaged in wood preserving.

☐ Any other industrial/commercial facility for which tributyltin is known to be present, or for which there is any reason to believe that tributyltin may be present in the effluent.

b. **Enterococci (discharge to saltwater)**

This facility discharges/proposes to discharge directly into saltwater receiving waters **and** Enterococci bacteria are expected to be present in the discharge based on facility processes.

☐ Yes ☒ No

Domestic wastewater is/will be discharged.

☐ Yes ☒ No

If **yes to either** question, provide the appropriate testing results in Table 4 below.

c. E. coli (discharge to freshwater)

This facility discharges/proposes to discharge directly into freshwater receiving waters **and** *E. coli* bacteria are expected to be present in the discharge based on facility processes.

☐ Yes ☒ No

Domestic wastewater is/will be discharged.

☐ Yes ☒ No

If **yes to either** question, provide the appropriate testing results in Table 4 below.

Table 4 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	**Sample 1**	**Sample 2**	**Sample 3**	**Sample 4**	**MAL**
Tributyltin (µg/L)					0.010
Enterococci (cfu or MPN/100 mL)					N/A
E. coli (cfu or MPN/100 mL)					N/A

TABLE 5 (Instructions, Page 59)

Completion of Table 5 **is required** for all **external outfalls** which discharge process wastewater from a facility which manufactures or formulates pesticides or herbicides or other wastewaters which may contain pesticides or herbicides.

If this facility does not/will not manufacture or formulate pesticides or herbicides and does not/will not discharge other wastewaters that may contain pesticides or herbicides, check N/A.

☒ N/A

Table 5 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	**Sample 1 (µg/L)***	**Sample 2 (µg/L)***	**Sample 3 (µg/L)***	**Sample 4 (µg/L)***	**MAL (µg/L)***
Aldrin					0.01
Carbaryl					5
Chlordane					0.2
Chlorpyrifos					0.05
4,4'-DDD					0.1
4,4'-DDE					0.1
4,4'-DDT					0.02
2,4-D					0.7
Danitol [Fenpropathrin]					—
Demeton					0.20
Diazinon					0.5/0.1

Pollutant	**Sample 1 (µg/L)***	**Sample 2 (µg/L)***	**Sample 3 (µg/L)***	**Sample 4 (µg/L)***	**MAL (µg/L)***
Dicofol [Kelthane]					1
Dieldrin					0.02
Diuron					0.090
Endosulfan I (*alpha*)					0.01
Endosulfan II (*beta*)					0.02
Endosulfan sulfate					0.1
Endrin					0.02
Guthion [Azinphos methyl]					0.1
Heptachlor					0.01
Heptachlor epoxide					0.01
Hexachlorocyclohexane (*alpha*)					0.05
Hexachlorocyclohexane (*beta*)					0.05
Hexachlorocyclohexane (*gamma*) [Lindane]					0.05
Hexachlorophene					10
Malathion					0.1
Methoxychlor					2.0
Mirex					0.02
Parathion (ethyl)					0.1
Toxaphene					0.3
2,4,5-TP [Silvex]					0.3

* Indicate units if different from µg/L.

TABLE 6 (Instructions, Page 59)

Completion of Table 6 **is required** for all **external outfalls**.

Table 6 for Outfall No.: 001 **Samples are (check one): ☐ Composite ☐ Grab**

Pollutants	Believed Present	Believed Absent	Sample 1 (mg/L)	Sample 2 (mg/L)	Sample 3 (mg/L)	Sample 4 (mg/L)	MAL (µg/L)*
Bromide	☐	☒					400
Color (PCU)	☐	☒					—
Nitrate-Nitrite (as N)	☐	☒					—
Sulfide (as S)	☐	☒					—
Sulfite (as SO3)	☐	☒					—
Surfactants	☐	☒					—
Boron, total	☐	☒					20
Cobalt, total	☐	☒					0.3
Iron, total	☐	☒					7
Magnesium, total	☐	☒					20
Manganese, total	☐	☒					0.5
Molybdenum, total	☐	☒					1
Tin, total	☐	☒					5
Titanium, total	☐	☒					30

TABLE 7 (Instructions, Page 60)

Check the box next to any of the industrial categories applicable to this facility. If no categories are applicable, check N/A. If GC/MS testing is required, check the box provided to confirm the testing results for the appropriate parameters are provided with the application.

☒ N/A

Table 7 for Applicable Industrial Categories

Industrial Category	40 CFR Part	Volatiles Table 8	Acids Table 9	Bases/ Neutrals Table 10	Pesticides Table 11
☐ Adhesives and Sealants		☐ Yes	☐ Yes	☐ Yes	No
☐ Aluminum Forming	467	☐ Yes	☐ Yes	☐ Yes	No
☐ Auto and Other Laundries		☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Battery Manufacturing	461	☐ Yes	No	☐ Yes	No
☐ Coal Mining	434	No	No	No	No
☐ Coil Coating	465	☐ Yes	☐ Yes	☐ Yes	No
☐ Copper Forming	468	☐ Yes	☐ Yes	☐ Yes	No
☐ Electric and Electronic Components	469	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Electroplating	413	☐ Yes	☐ Yes	☐ Yes	No
☐ Explosives Manufacturing	457	No	☐ Yes	☐ Yes	No
☐ Foundries		☐ Yes	☐ Yes	☐ Yes	No
☐ Gum and Wood Chemicals - Subparts A,B,C,E	454	☐ Yes	☐ Yes	No	No
☐ Gum and Wood Chemicals - Subparts D,F	454	☐ Yes	☐ Yes	☐ Yes	No
☐ Inorganic Chemicals Manufacturing	415	☐ Yes	☐ Yes	☐ Yes	No
☐ Iron and Steel Manufacturing	420	☐ Yes	☐ Yes	☐ Yes	No
☐ Leather Tanning and Finishing	425	☐ Yes	☐ Yes	☐ Yes	No
☐ Mechanical Products Manufacturing		☐ Yes	☐ Yes	☐ Yes	No
☐ Nonferrous Metals Manufacturing	421,471	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Oil and Gas Extraction - Subparts A, D, E, F, G, H	435	☐ Yes	☐ Yes	☐ Yes	No
☐ Ore Mining - Subpart B	440	No	☐ Yes	No	No
☐ Organic Chemicals Manufacturing	414	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Paint and Ink Formulation	446,447	☐ Yes	☐ Yes	☐ Yes	No
☐ Pesticides	455	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Petroleum Refining	419	☐ Yes	No	No	No
☐ Pharmaceutical Preparations	439	☐ Yes	☐ Yes	☐ Yes	No
☐ Photographic Equipment and Supplies	459	☐ Yes	☐ Yes	☐ Yes	No
☐ Plastic and Synthetic Materials Manufacturing	414	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Plastic Processing	463	☐ Yes	No	No	No
☐ Porcelain Enameling	466	No	No	No	No
☐ Printing and Publishing		☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Pulp and Paperboard Mills - Subpart C	430	☐ *	☐ Yes	☐ *	☐ Yes
☐ Pulp and Paperboard Mills - Subparts F, K	430	☐ *	☐ Yes	☐ *	☐ *
☐ Pulp and Paperboard Mills - Subparts A, B, D, G, H	430	☐ Yes	☐ Yes	☐ *	☐ *
☐ Pulp and Paperboard Mills - Subparts I, J, L	430	☐ Yes	☐ Yes	☐ *	☐ Yes
☐ Pulp and Paperboard Mills - Subpart E	430	☐ Yes	☐ Yes	☐ Yes	☐ *
☐ Rubber Processing	428	☐ Yes	☐ Yes	☐ Yes	No
☐ Soap and Detergent Manufacturing	417	☐ Yes	☐ Yes	☐ Yes	No
☐ Steam Electric Power Plants	423	☐ Yes	☐ Yes	No	No
☐ Textile Mills (Not Subpart C)	410	☐ Yes	☐ Yes	☐ Yes	No
☐ Timber Products Processing	429	☐ Yes	☐ Yes	☐ Yes	☐ Yes

* Test if believed present.

TABLES 8, 9, 10, and 11 (Instructions, Page 60)

Completion of Tables 8, 9, 10, and 11 **is required** as specified in Table 7 for all **external outfalls** that contain process wastewater.

Completion of Tables 8, 9, 10, and 11 **may be required** for types of industry not specified in Table 7 for specific parameters that are believed to be present in the wastewater.

Table 8 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	**Sample 1 (µg/L)***	**Sample 2 (µg/L)***	**Sample 3 (µg/L)***	**Sample 4 (µg/L)***	**MAL (µg/L)**
Acrolein					50
Acrylonitrile					50
Benzene					10
Bromoform					10
Carbon tetrachloride					2
Chlorobenzene					10
Chlorodibromomethane					10
Chloroethane					50
2-Chloroethylvinyl ether					10
Chloroform					10
Dichlorobromomethane [Bromodichloromethane]					10
1,1-Dichloroethane					10
1,2-Dichloroethane					10
1,1-Dichloroethylene [1,1-Dichloroethene]					10
1,2-Dichloropropane					10
1,3-Dichloropropylene [1,3-Dichloropropene]					10
Ethylbenzene					10
Methyl bromide [Bromomethane]					50
Methyl chloride [Chloromethane]					50
Methylene chloride [Dichloromethane]					20
1,1,2,2-Tetrachloroethane					10
Tetrachloroethylene [Tetrachloroethene]					10
Toluene					10
1,2-Trans-dichloroethylene [1,2-Trans-dichloroethene]					10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
1,1,1-Trichloroethane					10
1,1,2-Trichloroethane					10
Trichloroethylene [Trichloroethene]					10
Vinyl chloride					10

* Indicate units if different from µg/L.

Table 9 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
2-Chlorophenol					10
2,4-Dichlorophenol					10
2,4-Dimethylphenol					10
4,6-Dinitro-o-cresol					50
2,4-Dinitrophenol					50
2-Nitrophenol					20
4-Nitrophenol					50
p-Chloro-m-cresol					10
Pentachlorophenol					5
Phenol					10
2,4,6-Trichlorophenol					10

* Indicate units if different from µg/L.

Table 10 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
Acenaphthene					10
Acenaphthylene					10
Anthracene					10
Benzidine					50
Benzo(a)anthracene					5
Benzo(a)pyrene					5
3,4-Benzofluoranthene [Benzo(b)fluoranthene]					10
Benzo(ghi)perylene					20
Benzo(k)fluoranthene					5
Bis(2-chloroethoxy)methane					10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
Bis(2-chloroethyl)ether					10
Bis(2-chloroisopropyl)ether					10
Bis(2-ethylhexyl)phthalate					10
4-Bromophenyl phenyl ether					10
Butylbenzyl phthalate					10
2-Chloronaphthalene					10
4-Chlorophenyl phenyl ether					10
Chrysene					5
Dibenzo(a,h)anthracene					5
1,2-Dichlorobenzene [o-Dichlorobenzene]					10
1,3-Dichlorobenzene [m-Dichlorobenzene]					10
1,4-Dichlorobenzene [p-Dichlorobenzene]					10
3,3'-Dichlorobenzidine					5
Diethyl phthalate					10
Dimethyl phthalate					10
Di-n-butyl phthalate					10
2,4-Dinitrotoluene					10
2,6-Dinitrotoluene					10
Di-n-octyl phthalate					10
1,2-Diphenylhydrazine (as Azobenzene)					20
Fluoranthene					10
Fluorene					10
Hexachlorobenzene					5
Hexachlorobutadiene					10
Hexachlorocyclopentadiene					10
Hexachloroethane					20
Indeno(1,2,3-cd)pyrene					5
Isophorone					10
Naphthalene					10
Nitrobenzene					10
N-Nitrosodimethylamine					50

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
N-Nitrosodi-n-propylamine					20
N-Nitrosodiphenylamine					20
Phenanthrene					10
Pyrene					10
1,2,4-Trichlorobenzene					10

* Indicate units if different from µg/L.

Table 11 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
Aldrin					0.01
alpha-BHC [alpha-Hexachlorocyclohexane]					0.05
beta-BHC [beta-Hexachlorocyclohexane]					0.05
gamma-BHC [gamma-Hexachlorocyclohexane]					0.05
delta-BHC [delta-Hexachlorocyclohexane]					0.05
Chlordane					0.2
4,4'-DDT					0.02
4,4'-DDE					0.1
4,4'-DDD					0.1
Dieldrin					0.02
Endosulfan I (alpha)					0.01
Endosulfan II (beta)					0.02
Endosulfan sulfate					0.1
Endrin					0.02
Endrin aldehyde					0.1
Heptachlor					0.01
Heptachlor epoxide					0.01
PCB 1242					0.2
PCB 1254					0.2
PCB 1221					0.2
PCB 1232					0.2
PCB 1248					0.2

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
PCB 1260					0.2
PCB 1016					0.2
Toxaphene					0.3

* Indicate units if different from µg/L.

Attachment: Click to enter text.

TABLE 12 (DIOXINS/FURAN COMPOUNDS)

Complete of Table 12 **is required** for **external outfalls**, as directed below. (Instructions, Pages 59-60)

Indicate which compound(s) are manufactured or used at the facility and provide a brief description of the conditions of its/their presence at the facility (check all that apply).

- ☐ 2,4,5-trichlorophenoxy acetic acid (2,4,5-T) CASRN 93-76-5
- ☐ 2-(2,4,5-trichlorophenoxy) propanoic acid (Silvex, 2,4,5-TP) CASRN 93-72-1
- ☐ 2-(2,4,5-trichlorophenoxy) ethyl 2,2-dichloropropionate (Erbon) CASRN 136-25-4
- ☐ 0,0-dimethyl 0-(2,4,5-trichlorophenyl) phosphorothioate (Ronnel) CASRN 299-84-3
- ☐ 2,4,5-trichlorophenol (TCP) CASRN 95-95-4
- ☐ hexachlorophene (HCP) CASRN 70-30-4
- ☒ None of the above

Description: Click to enter text.

Does the applicant or anyone at the facility 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 the effluent proposed for discharge?

☐ Yes ☒ No

Description: Click to enter text.

If **yes** to either Items a **or** b, complete Table 12 as instructed.

Table 12 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Compound	Toxicity Equivalent Factors	Wastewater Concentration (ppq)	Wastewater Toxicity Equivalents (ppq)	Sludge Concentration (ppt)	Sludge Toxicity Equivalents (ppt)	MAL (ppq)
2,3,7,8-TCDD	1					10
1,2,3,7,8-PeCDD	1.0					50
2,3,7,8-HxCDDs	0.1					50
1,2,3,4,6,7,8-HpCDD	0.01					50

Compound	Toxicity Equivalent Factors	Wastewater Concentration (ppq)	Wastewater Toxicity Equivalents (ppq)	Sludge Concentration (ppt)	Sludge Toxicity Equivalents (ppt)	MAL (ppq)
2,3,7,8-TCDF	0.1					10
1,2,3,7,8-PeCDF	0.03					50
2,3,4,7,8-PeCDF	0.3					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					500
PCB 81	0.0003					500
PCB 126	0.1					500
PCB 169	0.03					500
Total						

TABLE 13 (HAZARDOUS SUBSTANCES)

Complete Table 13 **is required** for all **external outfalls** as directed below. (Instructions, Pages 60-61)

Are there any pollutants listed in the instructions (pages 55-62) believed present in the discharge?

☐ Yes ☒ No

Are there pollutants listed in Item 1.c. of Technical Report 1.0 which are believed present in the discharge and have not been analytically quantified elsewhere in this application?

☐ Yes ☒ No

If **yes** to either Items a **or** b, complete Table 13 as instructed.

Table 13 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	CASRN	Sample 1 (µg/L)	Sample 2 (µg/L)	Sample 3 (µg/L)	Sample 4 (µg/L)	Analytical Method

INDUSTRIAL WASTEWATER PERMIT APPLICATION WORKSHEET 2.0: POLLUTANT ANALYSIS

Worksheet 2.0 **is required** for all applications submitted for a TPDES permit. Worksheet 2.0 is not required for applications for a permit to dispose of all wastewater by land disposal or for discharges solely of stormwater associated with industrial activities.

Item 1. General Testing Requirements (Instructions, Page 55)

a. Provide the date range of all sampling events conducted to obtain the analytical data submitted with this application (e.g., 05/01/2018-05/30/2018): 8/12/2025

b. ☒ Check the box to confirm all samples were collected no more than 12 months prior to the date of application submittal.

c. Read the general testing requirements in the instructions for important information about sampling, test methods, and MALs. If a contact laboratory was used, attach a list which includes the name, contact information, and pollutants analyzed for each laboratory/firm. **Attachment:** K

Item 2. Specific Testing Requirements (Instructions, Page 56)

Attach correspondence from TCEQ approving submittal of less than the required number of samples, if applicable. **Attachment:** Click to enter text.

TABLE 1 and TABLE 2 (Instructions, Page 58)

Completion of Tables 1 and 2 is required for all external outfalls for all TPDES permit applications.

Table 1 for Outfall No.: 002 **Samples are (check one): ☒ Composite ☐ Grab**

Pollutant	Sample 1 (mg/L)	Sample 2 (mg/L)	Sample 3 (mg/L)	Sample 4 (mg/L)
BOD (5-day)	5.8	2.51		
CBOD (5-day)	3.09	2.14		
Chemical oxygen demand	16.0	22.0		
Total organic carbon	4.65	5.79		
Dissolved oxygen	NA	NA		
Ammonia nitrogen	0.346	0.299		
Total suspended solids	43.3	13.7		
Nitrate nitrogen	0.96	1.29		
Total organic nitrogen	<0.5	0.56		
Total phosphorus	0.054	0.058		
Oil and grease	4.76	4.09		
Total residual chlorine	NA	NA		

Pollutant	Sample 1 (mg/L)	Sample 2 (mg/L)	Sample 3 (mg/L)	Sample 4 (mg/L)
Total dissolved solids	282	372		
Sulfate	140	179		
Chloride	12.8	15.2		
Fluoride	0.56	0.850		
Total alkalinity (mg/L as CaCO3)	NA	NA		
Temperature (°F)	NA	NA		
pH (standard units)	NA	NA		

Table 2 for Outfall No.: 002 **Samples are (check one): ☒ Composite ☐ Grab**

Pollutant	Sample 1 (µg/L)	Sample 2 (µg/L)	Sample 3 (µg/L)	Sample 4 (µg/L)	MAL (µg/L)
Aluminum, total	556	390			2.5
Antimony, total	<0.53	1.01J			5
Arsenic, total	1.62J	2.16			0.5
Barium, total	53.5	76.8			3
Beryllium, total	<0.091	<0.091			0.5
Cadmium, total	<0.077	<0.077			1
Chromium, total	2.12J	3.0J			3
Chromium, hexavalent	5.0J	3.0J			3
Chromium, trivalent	<10	<10			N/A
Copper, total	3.20	3.66			2
Cyanide, available	2.0J	<2.0			2/10
Lead, total	1.05J	0.571J			0.5
Mercury, total	<0.03	<0.03			0.005/0.0005
Nickel, total	0.982J	1.84J			2
Selenium, total	<0.86	<0.86			5
Silver, total	<0.044	<0.044			0.5
Thallium, total	<0.25	<0.25			0.5
Zinc, total	19.8	26.5			5.0

TABLE 3 (Instructions, Page 58)

Completion of Table 3 **is required** for all **external outfalls** which discharge process wastewater.

Partial completion of Table 3 **is required** for all **external outfalls** which discharge non-process wastewater and stormwater associated with industrial activities commingled with other wastestreams (see instructions for additional guidance).

Table 3 for Outfall No.: 002 **Samples are (check one): ☒ Composite ☐ Grab**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
Acrylonitrile					50
Anthracene					10
Benzene	<0.28	<0.28			10
Benzidine	<0.018	<0.018			50
Benzo(a)anthracene	<0.013	<0.013			5
Benzo(a)pyrene	<0.07	<0.07			5
Bis(2-chloroethyl)ether					10
Bis(2-ethylhexyl)phthalate					10
Bromodichloromethane [Dichlorobromomethane]					10
Bromoform					10
Carbon tetrachloride	<0.34	<0.34			2
Chlorobenzene	<0.36	<0.36			10
Chlorodibromomethane [Dibromochloromethane]	<0.39	<0.39			10
Chloroform	<0.32	<0.32			10
Chrysene	<0.034	<0.034			5
m-Cresol [3-Methylphenol]	<0.044	<0.044			10
o-Cresol [2-Methylphenol]	<0.033	<0.033			10
p-Cresol [4-Methylphenol]	<0.044	<0.044			10
1,2-Dibromoethane	<0.3	<0.3			10
m-Dichlorobenzene [1,3-Dichlorobenzene]					10
o-Dichlorobenzene [1,2-Dichlorobenzene]					10
p-Dichlorobenzene [1,4-Dichlorobenzene]	<0.35	<0.35			10
3,3'-Dichlorobenzidine					5
1,2-Dichloroethane	<0.41	<0.41			10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
1,1-Dichloroethene [1,1-Dichloroethylene]	<0.22	<0.22			10
Dichloromethane [Methylene chloride]					20
1,2-Dichloropropane					10
1,3-Dichloropropene [1,3-Dichloropropylene]					10
2,4-Dimethylphenol					10
Di-n-Butyl phthalate					10
Epichlorohydrin (1-Chloro-2,3-epoxypropane)					---
Ethylbenzene					10
Ethylene Glycol	<130	<130			---
Fluoride	560	850			500
Hexachlorobenzene	<0.09	<0.09			5
Hexachlorobutadiene	<2.5	<2.5			10
Hexachlorocyclopentadiene					10
Hexachloroethane	<0.045	<0.045			20
4,4'-Isopropylidenediphenol (bisphenol A)					1
Methyl ethyl ketone	3.2J	3.2J			50
Methyl tert-butyl ether (MTBE)					---
Nitrobenzene	<0.068	<0.068			10
N-Nitrosodiethylamine	<0.047	<0.047			20
N-Nitroso-di-n-butylamine	<0.12	<0.12			20
Nonylphenol					333
Pentachlorobenzene	<0.035	<0.035			20
Pentachlorophenol	<0.16	<0.16			5
Phenanthrene	<0.038	<0.038			10
Polychlorinated biphenyls (PCBs) (**)	<0.2	<0.2			0.2
Pyridine	<0.088	<0.088			20
1,2,4,5-Tetrachlorobenzene	<0.067	<0.067			20
1,1,2,2-Tetrachloroethane					10
Tetrachloroethene [Tetrachloroethylene]	<0.3	<0.3			10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
Toluene					10
1,1,1-Trichloroethane	<0.24	<0.24			10
1,1,2-Trichloroethane					10
Trichloroethene [Trichloroethylene]	<0.35	<0.35			10
2,4,5-Trichlorophenol	<0.057	<0.057			50
TTHM (Total trihalomethanes)	<1.6	<1.6			10
Vinyl chloride	<0.23	<0.23			10

(*) Indicate units if different from µg/L.

(**) Total of detects for PCB-1242, PCB-1254, PCB-1221, PCB-1232, PCB-1248, PCB-1260, and PCB-1016. If all non-detects, enter the highest non-detect preceded by a "<".

TABLE 4 (Instructions, Pages 58-59)

Partial completion of Table 4 **is required** for each **external outfall** based on the conditions below.

a. **Tributyltin**

Is this facility an industrial/commercial facility which currently or proposes to directly dispose of wastewater from the types of operations listed below or a domestic facility which currently or proposes to receive wastewater from the types of industrial/commercial operations listed below?

☐ Yes ☒ No

If **yes**, check the box next to each of the following criteria which apply and provide the appropriate testing results in Table 4 below (check all that apply).

☐ Manufacturers and formulators of tributyltin or related compounds.

☐ Painting of ships, boats and marine structures.

☐ Ship and boat building and repairing.

☐ Ship and boat cleaning, salvage, wrecking and scaling.

☐ Operation and maintenance of marine cargo handling facilities and marinas.

☐ Facilities engaged in wood preserving.

☐ Any other industrial/commercial facility for which tributyltin is known to be present, or for which there is any reason to believe that tributyltin may be present in the effluent.

b. **Enterococci (discharge to saltwater)**

This facility discharges/proposes to discharge directly into saltwater receiving waters **and** Enterococci bacteria are expected to be present in the discharge based on facility processes.

☐ Yes ☒ No

Domestic wastewater is/will be discharged.

☐ Yes ☒ No

If **yes to either** question, provide the appropriate testing results in Table 4 below.

c. E. coli (discharge to freshwater)

This facility discharges/proposes to discharge directly into freshwater receiving waters **and** *E. coli* bacteria are expected to be present in the discharge based on facility processes.

☐ Yes ☒ No

Domestic wastewater is/will be discharged.

☐ Yes ☒ No

If **yes to either** question, provide the appropriate testing results in Table 4 below.

Table 4 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	**Sample 1**	**Sample 2**	**Sample 3**	**Sample 4**	**MAL**
Tributyltin (µg/L)					0.010
Enterococci (cfu or MPN/100 mL)					N/A
E. coli (cfu or MPN/100 mL)					N/A

TABLE 5 (Instructions, Page 59)

Completion of Table 5 **is required** for all **external outfalls** which discharge process wastewater from a facility which manufactures or formulates pesticides or herbicides or other wastewaters which may contain pesticides or herbicides.

If this facility does not/will not manufacture or formulate pesticides or herbicides and does not/will not discharge other wastewaters that may contain pesticides or herbicides, check N/A.

☒ N/A

Table 5 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	**Sample 1 (µg/L)***	**Sample 2 (µg/L)***	**Sample 3 (µg/L)***	**Sample 4 (µg/L)***	**MAL (µg/L)***
Aldrin					0.01
Carbaryl					5
Chlordane					0.2
Chlorpyrifos					0.05
4,4'-DDD					0.1
4,4'-DDE					0.1
4,4'-DDT					0.02
2,4-D					0.7
Danitol [Fenpropathrin]					—
Demeton					0.20
Diazinon					0.5/0.1

Pollutant	**Sample 1 (µg/L)***	**Sample 2 (µg/L)***	**Sample 3 (µg/L)***	**Sample 4 (µg/L)***	**MAL (µg/L)***
Dicofol [Kelthane]					1
Dieldrin					0.02
Diuron					0.090
Endosulfan I (*alpha*)					0.01
Endosulfan II (*beta*)					0.02
Endosulfan sulfate					0.1
Endrin					0.02
Guthion [Azinphos methyl]					0.1
Heptachlor					0.01
Heptachlor epoxide					0.01
Hexachlorocyclohexane (*alpha*)					0.05
Hexachlorocyclohexane (*beta*)					0.05
Hexachlorocyclohexane (*gamma*) [Lindane]					0.05
Hexachlorophene					10
Malathion					0.1
Methoxychlor					2.0
Mirex					0.02
Parathion (ethyl)					0.1
Toxaphene					0.3
2,4,5-TP [Silvex]					0.3

* Indicate units if different from µg/L.

TABLE 6 (Instructions, Page 59)

Completion of Table 6 **is required** for all **external outfalls**.

Table 6 for Outfall No.: 002 **Samples are (check one): ☐ Composite ☐ Grab**

Pollutants	Believed Present	Believed Absent	Sample 1 (mg/L)	Sample 2 (mg/L)	Sample 3 (mg/L)	Sample 4 (mg/L)	MAL (µg/L)*
Bromide	☐	☒					400
Color (PCU)	☐	☒					—
Nitrate-Nitrite (as N)	☐	☒					—
Sulfide (as S)	☐	☒					—
Sulfite (as SO3)	☐	☒					—
Surfactants	☐	☒					—
Boron, total	☐	☒					20
Cobalt, total	☐	☒					0.3
Iron, total	☐	☒					7
Magnesium, total	☐	☒					20
Manganese, total	☐	☒					0.5
Molybdenum, total	☐	☒					1
Tin, total	☐	☒					5
Titanium, total	☐	☒					30

TABLE 7 (Instructions, Page 60)

Check the box next to any of the industrial categories applicable to this facility. If no categories are applicable, check N/A. If GC/MS testing is required, check the box provided to confirm the testing results for the appropriate parameters are provided with the application.

☒ N/A

Table 7 for Applicable Industrial Categories

Industrial Category	40 CFR Part	Volatiles Table 8	Acids Table 9	Bases/ Neutrals Table 10	Pesticides Table 11
☐ Adhesives and Sealants		☐ Yes	☐ Yes	☐ Yes	No
☐ Aluminum Forming	467	☐ Yes	☐ Yes	☐ Yes	No
☐ Auto and Other Laundries		☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Battery Manufacturing	461	☐ Yes	No	☐ Yes	No
☐ Coal Mining	434	No	No	No	No
☐ Coil Coating	465	☐ Yes	☐ Yes	☐ Yes	No
☐ Copper Forming	468	☐ Yes	☐ Yes	☐ Yes	No
☐ Electric and Electronic Components	469	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Electroplating	413	☐ Yes	☐ Yes	☐ Yes	No
☐ Explosives Manufacturing	457	No	☐ Yes	☐ Yes	No
☐ Foundries		☐ Yes	☐ Yes	☐ Yes	No
☐ Gum and Wood Chemicals - Subparts A,B,C,E	454	☐ Yes	☐ Yes	No	No
☐ Gum and Wood Chemicals - Subparts D,F	454	☐ Yes	☐ Yes	☐ Yes	No
☐ Inorganic Chemicals Manufacturing	415	☐ Yes	☐ Yes	☐ Yes	No
☐ Iron and Steel Manufacturing	420	☐ Yes	☐ Yes	☐ Yes	No
☐ Leather Tanning and Finishing	425	☐ Yes	☐ Yes	☐ Yes	No
☐ Mechanical Products Manufacturing		☐ Yes	☐ Yes	☐ Yes	No
☐ Nonferrous Metals Manufacturing	421,471	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Oil and Gas Extraction - Subparts A, D, E, F, G, H	435	☐ Yes	☐ Yes	☐ Yes	No
☐ Ore Mining - Subpart B	440	No	☐ Yes	No	No
☐ Organic Chemicals Manufacturing	414	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Paint and Ink Formulation	446,447	☐ Yes	☐ Yes	☐ Yes	No
☐ Pesticides	455	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Petroleum Refining	419	☐ Yes	No	No	No
☐ Pharmaceutical Preparations	439	☐ Yes	☐ Yes	☐ Yes	No
☐ Photographic Equipment and Supplies	459	☐ Yes	☐ Yes	☐ Yes	No
☐ Plastic and Synthetic Materials Manufacturing	414	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Plastic Processing	463	☐ Yes	No	No	No
☐ Porcelain Enameling	466	No	No	No	No
☐ Printing and Publishing		☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Pulp and Paperboard Mills - Subpart C	430	☐ *	☐ Yes	☐ *	☐ Yes
☐ Pulp and Paperboard Mills - Subparts F, K	430	☐ *	☐ Yes	☐ *	☐ *
☐ Pulp and Paperboard Mills - Subparts A, B, D, G, H	430	☐ Yes	☐ Yes	☐ *	☐ *
☐ Pulp and Paperboard Mills - Subparts I, J, L	430	☐ Yes	☐ Yes	☐ *	☐ Yes
☐ Pulp and Paperboard Mills - Subpart E	430	☐ Yes	☐ Yes	☐ Yes	☐ *
☐ Rubber Processing	428	☐ Yes	☐ Yes	☐ Yes	No
☐ Soap and Detergent Manufacturing	417	☐ Yes	☐ Yes	☐ Yes	No
☐ Steam Electric Power Plants	423	☐ Yes	☐ Yes	No	No
☐ Textile Mills (Not Subpart C)	410	☐ Yes	☐ Yes	☐ Yes	No
☐ Timber Products Processing	429	☐ Yes	☐ Yes	☐ Yes	☐ Yes

* Test if believed present.

TABLES 8, 9, 10, and 11 (Instructions, Page 60)

Completion of Tables 8, 9, 10, and 11 **is required** as specified in Table 7 for all **external outfalls** that contain process wastewater.

Completion of Tables 8, 9, 10, and 11 **may be required** for types of industry not specified in Table 7 for specific parameters that are believed to be present in the wastewater.

Table 8 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	**Sample 1 (µg/L)***	**Sample 2 (µg/L)***	**Sample 3 (µg/L)***	**Sample 4 (µg/L)***	**MAL (µg/L)**
Acrolein					50
Acrylonitrile					50
Benzene					10
Bromoform					10
Carbon tetrachloride					2
Chlorobenzene					10
Chlorodibromomethane					10
Chloroethane					50
2-Chloroethylvinyl ether					10
Chloroform					10
Dichlorobromomethane [Bromodichloromethane]					10
1,1-Dichloroethane					10
1,2-Dichloroethane					10
1,1-Dichloroethylene [1,1-Dichloroethene]					10
1,2-Dichloropropane					10
1,3-Dichloropropylene [1,3-Dichloropropene]					10
Ethylbenzene					10
Methyl bromide [Bromomethane]					50
Methyl chloride [Chloromethane]					50
Methylene chloride [Dichloromethane]					20
1,1,2,2-Tetrachloroethane					10
Tetrachloroethylene [Tetrachloroethene]					10
Toluene					10
1,2-Trans-dichloroethylene [1,2-Trans-dichloroethene]					10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
1,1,1-Trichloroethane					10
1,1,2-Trichloroethane					10
Trichloroethylene [Trichloroethene]					10
Vinyl chloride					10

* Indicate units if different from µg/L.

Table 9 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
2-Chlorophenol					10
2,4-Dichlorophenol					10
2,4-Dimethylphenol					10
4,6-Dinitro-o-cresol					50
2,4-Dinitrophenol					50
2-Nitrophenol					20
4-Nitrophenol					50
p-Chloro-m-cresol					10
Pentachlorophenol					5
Phenol					10
2,4,6-Trichlorophenol					10

* Indicate units if different from µg/L.

Table 10 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
Acenaphthene					10
Acenaphthylene					10
Anthracene					10
Benzidine					50
Benzo(a)anthracene					5
Benzo(a)pyrene					5
3,4-Benzofluoranthene [Benzo(b)fluoranthene]					10
Benzo(ghi)perylene					20
Benzo(k)fluoranthene					5
Bis(2-chloroethoxy)methane					10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
Bis(2-chloroethyl)ether					10
Bis(2-chloroisopropyl)ether					10
Bis(2-ethylhexyl)phthalate					10
4-Bromophenyl phenyl ether					10
Butylbenzyl phthalate					10
2-Chloronaphthalene					10
4-Chlorophenyl phenyl ether					10
Chrysene					5
Dibenzo(a,h)anthracene					5
1,2-Dichlorobenzene [o-Dichlorobenzene]					10
1,3-Dichlorobenzene [m-Dichlorobenzene]					10
1,4-Dichlorobenzene [p-Dichlorobenzene]					10
3,3'-Dichlorobenzidine					5
Diethyl phthalate					10
Dimethyl phthalate					10
Di-n-butyl phthalate					10
2,4-Dinitrotoluene					10
2,6-Dinitrotoluene					10
Di-n-octyl phthalate					10
1,2-Diphenylhydrazine (as Azobenzene)					20
Fluoranthene					10
Fluorene					10
Hexachlorobenzene					5
Hexachlorobutadiene					10
Hexachlorocyclopentadiene					10
Hexachloroethane					20
Indeno(1,2,3-cd)pyrene					5
Isophorone					10
Naphthalene					10
Nitrobenzene					10
N-Nitrosodimethylamine					50

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
N-Nitrosodi-n-propylamine					20
N-Nitrosodiphenylamine					20
Phenanthrene					10
Pyrene					10
1,2,4-Trichlorobenzene					10

* Indicate units if different from µg/L.

Table 11 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
Aldrin					0.01
alpha-BHC [alpha-Hexachlorocyclohexane]					0.05
beta-BHC [beta-Hexachlorocyclohexane]					0.05
gamma-BHC [gamma-Hexachlorocyclohexane]					0.05
delta-BHC [delta-Hexachlorocyclohexane]					0.05
Chlordane					0.2
4,4'-DDT					0.02
4,4'-DDE					0.1
4,4'-DDD					0.1
Dieldrin					0.02
Endosulfan I (alpha)					0.01
Endosulfan II (beta)					0.02
Endosulfan sulfate					0.1
Endrin					0.02
Endrin aldehyde					0.1
Heptachlor					0.01
Heptachlor epoxide					0.01
PCB 1242					0.2
PCB 1254					0.2
PCB 1221					0.2
PCB 1232					0.2
PCB 1248					0.2

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
PCB 1260					0.2
PCB 1016					0.2
Toxaphene					0.3

* Indicate units if different from µg/L.

Attachment: Click to enter text.

TABLE 12 (DIOXINS/FURAN COMPOUNDS)

Complete of Table 12 **is required** for **external outfalls**, as directed below. (Instructions, Pages 59-60)

Indicate which compound(s) are manufactured or used at the facility and provide a brief description of the conditions of its/their presence at the facility (check all that apply).

☐ 2,4,5-trichlorophenoxy acetic acid (2,4,5-T) CASRN 93-76-5

☐ 2-(2,4,5-trichlorophenoxy) propanoic acid (Silvex, 2,4,5-TP) CASRN 93-72-1

☐ 2-(2,4,5-trichlorophenoxy) ethyl 2,2-dichloropropionate (Erbon) CASRN 136-25-4

☐ 0,0-dimethyl 0-(2,4,5-trichlorophenyl) phosphorothioate (Ronnel) CASRN 299-84-3

☐ 2,4,5-trichlorophenol (TCP) CASRN 95-95-4

☐ hexachlorophene (HCP) CASRN 70-30-4

☒ None of the above

Description: Click to enter text.

Does the applicant or anyone at the facility 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 the effluent proposed for discharge?

☐ Yes ☒ No

Description: Click to enter text.

If **yes** to either Items a **or** b, complete Table 12 as instructed.

Table 12 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Compound	Toxicity Equivalent Factors	Wastewater Concentration (ppq)	Wastewater Toxicity Equivalents (ppq)	Sludge Concentration (ppt)	Sludge Toxicity Equivalents (ppt)	MAL (ppq)
2,3,7,8-TCDD	1					10
1,2,3,7,8-PeCDD	1.0					50
2,3,7,8-HxCDDs	0.1					50
1,2,3,4,6,7,8-HpCDD	0.01					50

Compound	Toxicity Equivalent Factors	Wastewater Concentration (ppq)	Wastewater Toxicity Equivalents (ppq)	Sludge Concentration (ppt)	Sludge Toxicity Equivalents (ppt)	MAL (ppq)
2,3,7,8-TCDF	0.1					10
1,2,3,7,8-PeCDF	0.03					50
2,3,4,7,8-PeCDF	0.3					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					500
PCB 81	0.0003					500
PCB 126	0.1					500
PCB 169	0.03					500
Total						

TABLE 13 (HAZARDOUS SUBSTANCES)

Complete Table 13 **is required** for all **external outfalls** as directed below. (Instructions, Pages 60-61)

Are there any pollutants listed in the instructions (pages 55-62) believed present in the discharge?

☐ Yes ☒ No

Are there pollutants listed in Item 1.c. of Technical Report 1.0 which are believed present in the discharge and have not been analytically quantified elsewhere in this application?

☐ Yes ☒ No

If **yes** to either Items a **or** b, complete Table 13 as instructed.

Table 13 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	CASRN	Sample 1 (µg/L)	Sample 2 (µg/L)	Sample 3 (µg/L)	Sample 4 (µg/L)	Analytical Method

INDUSTRIAL WASTEWATER PERMIT APPLICATION WORKSHEET 2.0: POLLUTANT ANALYSIS

Worksheet 2.0 **is required** for all applications submitted for a TPDES permit. Worksheet 2.0 is not required for applications for a permit to dispose of all wastewater by land disposal or for discharges solely of stormwater associated with industrial activities.

Item 1. General Testing Requirements (Instructions, Page 55)

a. Provide the date range of all sampling events conducted to obtain the analytical data submitted with this application (e.g., 05/01/2018-05/30/2018): 8/12/2025-8/14/2025

b. ☒ Check the box to confirm all samples were collected no more than 12 months prior to the date of application submittal.

c. Read the general testing requirements in the instructions for important information about sampling, test methods, and MALs. If a contact laboratory was used, attach a list which includes the name, contact information, and pollutants analyzed for each laboratory/firm. **Attachment:** K

Item 2. Specific Testing Requirements (Instructions, Page 56)

Attach correspondence from TCEQ approving submittal of less than the required number of samples, if applicable. **Attachment:** Click to enter text.

TABLE 1 and TABLE 2 (Instructions, Page 58)

Completion of Tables 1 and 2 is required for all external outfalls for all TPDES permit applications.

Table 1 for Outfall No.: 003 **Samples are (check one): ☒ Composite ☐ Grab**

Pollutant	Sample 1 (mg/L)	Sample 2 (mg/L)	Sample 3 (mg/L)	Sample 4 (mg/L)
BOD (5-day)	5.14	2.38		
CBOD (5-day)	4.57	2.18		
Chemical oxygen demand	25	16.0		
Total organic carbon	6.74	4.48		
Dissolved oxygen	NA	NA		
Ammonia nitrogen	0.427	0.324		
Total suspended solids	23.8	10.7		
Nitrate nitrogen	0.556	1.05		
Total organic nitrogen	<0.5	0.78		
Total phosphorus	0.066	0.048J		
Oil and grease	0.93J	2.93		
Total residual chlorine	NA	NA		

Pollutant	Sample 1 (mg/L)	Sample 2 (mg/L)	Sample 3 (mg/L)	Sample 4 (mg/L)
Total dissolved solids	786	344		
Sulfate	33.5	127		
Chloride	9.85	55.8		
Fluoride	0.885	0.510		
Total alkalinity (mg/L as CaCO3)	NA	NA		
Temperature (°F)	NA	NA		
pH (standard units)	NA	NA		

Table 2 for Outfall No.: 003 **Samples are (check one): ☒ Composite ☐ Grab**

Pollutant	Sample 1 (µg/L)	Sample 2 (µg/L)	Sample 3 (µg/L)	Sample 4 (µg/L)	MAL (µg/L)
Aluminum, total	406	357			2.5
Antimony, total	0.662J	1.81J			5
Arsenic, total	1.43J	2.79			0.5
Barium, total	31.1	65.1			3
Beryllium, total	0.102J	0.103J			0.5
Cadmium, total	0.260J	0.333J			1
Chromium, total	2.02J	4.55			3
Chromium, hexavalent	<2.4	7.0J			3
Chromium, trivalent	<10	<10			N/A
Copper, total	5.92	7.16			2
Cyanide, available	3.0J	<2.0			2/10
Lead, total	1.28J	1.34J			0.5
Mercury, total	<0.03	<0.03			0.005/0.0005
Nickel, total	1.4J	1.65J			2
Selenium, total	<0.86	<0.86			5
Silver, total	<0.044	<0.044			0.5
Thallium, total	<0.25	<0.25			0.5
Zinc, total	73.7	113			5.0

TABLE 3 (Instructions, Page 58)

Completion of Table 3 **is required** for all **external outfalls** which discharge process wastewater.

Partial completion of Table 3 **is required** for all **external outfalls** which discharge non-process wastewater and stormwater associated with industrial activities commingled with other wastestreams (see instructions for additional guidance).

Table 3 for Outfall No.: 003 **Samples are (check one): ☒ Composite ☐ Grab**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
Acrylonitrile					50
Anthracene					10
Benzene	<0.28	<0.28			10
Benzidine	<0.018	<0.018			50
Benzo(a)anthracene	<0.013	<0.013			5
Benzo(a)pyrene	<0.07	<0.07			5
Bis(2-chloroethyl)ether					10
Bis(2-ethylhexyl)phthalate					10
Bromodichloromethane [Dichlorobromomethane]					10
Bromoform					10
Carbon tetrachloride	<0.34	<0.34			2
Chlorobenzene	<0.36	<0.36			10
Chlorodibromomethane [Dibromochloromethane]	<0.39	<0.39			10
Chloroform	<0.32	<0.32			10
Chrysene	<0.034	<0.034			5
m-Cresol [3-Methylphenol]	<0.044	<0.044			10
o-Cresol [2-Methylphenol]	<0.033	<0.033			10
p-Cresol [4-Methylphenol]	<0.044	<0.044			10
1,2-Dibromoethane	<0.3	<0.3			10
m-Dichlorobenzene [1,3-Dichlorobenzene]					10
o-Dichlorobenzene [1,2-Dichlorobenzene]					10
p-Dichlorobenzene [1,4-Dichlorobenzene]	<0.35	<0.35			10
3,3'-Dichlorobenzidine					5
1,2-Dichloroethane	<0.41	<0.41			10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
1,1-Dichloroethene [1,1-Dichloroethylene]	<0.22	<0.22			10
Dichloromethane [Methylene chloride]					20
1,2-Dichloropropane					10
1,3-Dichloropropene [1,3-Dichloropropylene]					10
2,4-Dimethylphenol					10
Di-n-Butyl phthalate					10
Epichlorohydrin (1-Chloro-2,3-epoxypropane)					---
Ethylbenzene					10
Ethylene Glycol	5400	<130			---
Fluoride	885	510			500
Hexachlorobenzene	<0.09	<0.09			5
Hexachlorobutadiene	<2.5	<2.5			10
Hexachlorocyclopentadiene					10
Hexachloroethane	<0.045	<0.045			20
4,4'-Isopropylidenediphenol (bisphenol A)					1
Methyl ethyl ketone	4.2J	<1.5			50
Methyl tert-butyl ether (MTBE)					---
Nitrobenzene	<0.068	<0.068			10
N-Nitrosodiethylamine	<0.047	<0.047			20
N-Nitroso-di-n-butylamine	<0.12	<0.12			20
Nonylphenol					333
Pentachlorobenzene	<0.035	<0.035			20
Pentachlorophenol	<0.16	<0.16			5
Phenanthrene	<0.038	<0.038			10
Polychlorinated biphenyls (PCBs) (**)	<0.2	<0.2			0.2
Pyridine	<0.088	<0.088			20
1,2,4,5-Tetrachlorobenzene	<0.067	<0.067			20
1,1,2,2-Tetrachloroethane					10
Tetrachloroethene [Tetrachloroethylene]	<0.3	<0.3			10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
Toluene					10
1,1,1-Trichloroethane	<0.24	<0.24			10
1,1,2-Trichloroethane					10
Trichloroethene [Trichloroethylene]	<0.35	<0.35			10
2,4,5-Trichlorophenol	<0.057	<0.057			50
TTHM (Total trihalomethanes)	<1.6	<1.6			10
Vinyl chloride	<0.23	<0.23			10

(*) Indicate units if different from µg/L.

(**) Total of detects for PCB-1242, PCB-1254, PCB-1221, PCB-1232, PCB-1248, PCB-1260, and PCB-1016. If all non-detects, enter the highest non-detect preceded by a "<".

TABLE 4 (Instructions, Pages 58-59)

Partial completion of Table 4 **is required** for each **external outfall** based on the conditions below.

a. **Tributyltin**

Is this facility an industrial/commercial facility which currently or proposes to directly dispose of wastewater from the types of operations listed below or a domestic facility which currently or proposes to receive wastewater from the types of industrial/commercial operations listed below?

☐ Yes ☒ No

If **yes**, check the box next to each of the following criteria which apply and provide the appropriate testing results in Table 4 below (check all that apply).

☐ Manufacturers and formulators of tributyltin or related compounds.

☐ Painting of ships, boats and marine structures.

☐ Ship and boat building and repairing.

☐ Ship and boat cleaning, salvage, wrecking and scaling.

☐ Operation and maintenance of marine cargo handling facilities and marinas.

☐ Facilities engaged in wood preserving.

☐ Any other industrial/commercial facility for which tributyltin is known to be present, or for which there is any reason to believe that tributyltin may be present in the effluent.

b. **Enterococci (discharge to saltwater)**

This facility discharges/proposes to discharge directly into saltwater receiving waters **and** Enterococci bacteria are expected to be present in the discharge based on facility processes.

☐ Yes ☒ No

Domestic wastewater is/will be discharged.

☐ Yes ☒ No

If **yes to either** question, provide the appropriate testing results in Table 4 below.

c. E. coli (discharge to freshwater)

This facility discharges/proposes to discharge directly into freshwater receiving waters **and** *E. coli* bacteria are expected to be present in the discharge based on facility processes.

☐ Yes ☒ No

Domestic wastewater is/will be discharged.

☐ Yes ☒ No

If **yes to either** question, provide the appropriate testing results in Table 4 below.

Table 4 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	**Sample 1**	**Sample 2**	**Sample 3**	**Sample 4**	**MAL**
Tributyltin (µg/L)					0.010
Enterococci (cfu or MPN/100 mL)					N/A
E. coli (cfu or MPN/100 mL)					N/A

TABLE 5 (Instructions, Page 59)

Completion of Table 5 **is required** for all **external outfalls** which discharge process wastewater from a facility which manufactures or formulates pesticides or herbicides or other wastewaters which may contain pesticides or herbicides.

If this facility does not/will not manufacture or formulate pesticides or herbicides and does not/will not discharge other wastewaters that may contain pesticides or herbicides, check N/A.

☒ N/A

Table 5 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	**Sample 1 (µg/L)***	**Sample 2 (µg/L)***	**Sample 3 (µg/L)***	**Sample 4 (µg/L)***	**MAL (µg/L)***
Aldrin					0.01
Carbaryl					5
Chlordane					0.2
Chlorpyrifos					0.05
4,4'-DDD					0.1
4,4'-DDE					0.1
4,4'-DDT					0.02
2,4-D					0.7
Danitol [Fenpropathrin]					—
Demeton					0.20
Diazinon					0.5/0.1

Pollutant	**Sample 1 (µg/L)***	**Sample 2 (µg/L)***	**Sample 3 (µg/L)***	**Sample 4 (µg/L)***	**MAL (µg/L)***
Dicofol [Kelthane]					1
Dieldrin					0.02
Diuron					0.090
Endosulfan I (*alpha*)					0.01
Endosulfan II (*beta*)					0.02
Endosulfan sulfate					0.1
Endrin					0.02
Guthion [Azinphos methyl]					0.1
Heptachlor					0.01
Heptachlor epoxide					0.01
Hexachlorocyclohexane (*alpha*)					0.05
Hexachlorocyclohexane (*beta*)					0.05
Hexachlorocyclohexane (*gamma*) [Lindane]					0.05
Hexachlorophene					10
Malathion					0.1
Methoxychlor					2.0
Mirex					0.02
Parathion (ethyl)					0.1
Toxaphene					0.3
2,4,5-TP [Silvex]					0.3

* Indicate units if different from µg/L.

TABLE 6 (Instructions, Page 59)

Completion of Table 6 **is required** for all **external outfalls**.

Table 6 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutants	**Believed Present**	**Believed Absent**	**Sample 1 (mg/L)**	**Sample 2 (mg/L)**	**Sample 3 (mg/L)**	**Sample 4 (mg/L)**	**MAL (µg/L)***
Bromide	☐	☒					400
Color (PCU)	☐	☒					—
Nitrate-Nitrite (as N)	☐	☒					—
Sulfide (as S)	☐	☒					—
Sulfite (as SO3)	☐	☒					—
Surfactants	☐	☒					—
Boron, total	☐	☒					20
Cobalt, total	☐	☒					0.3
Iron, total	☐	☒					7
Magnesium, total	☐	☒					20
Manganese, total	☐	☒					0.5
Molybdenum, total	☐	☒					1
Tin, total	☐	☒					5
Titanium, total	☐	☒					30

TABLE 7 (Instructions, Page 60)

Check the box next to any of the industrial categories applicable to this facility. If no categories are applicable, check N/A. If GC/MS testing is required, check the box provided to confirm the testing results for the appropriate parameters are provided with the application.

☒ N/A

Table 7 for Applicable Industrial Categories

Industrial Category	40 CFR Part	Volatiles Table 8	Acids Table 9	Bases/ Neutrals Table 10	Pesticides Table 11
☐ Adhesives and Sealants		☐ Yes	☐ Yes	☐ Yes	No
☐ Aluminum Forming	467	☐ Yes	☐ Yes	☐ Yes	No
☐ Auto and Other Laundries		☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Battery Manufacturing	461	☐ Yes	No	☐ Yes	No
☐ Coal Mining	434	No	No	No	No
☐ Coil Coating	465	☐ Yes	☐ Yes	☐ Yes	No
☐ Copper Forming	468	☐ Yes	☐ Yes	☐ Yes	No
☐ Electric and Electronic Components	469	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Electroplating	413	☐ Yes	☐ Yes	☐ Yes	No
☐ Explosives Manufacturing	457	No	☐ Yes	☐ Yes	No
☐ Foundries		☐ Yes	☐ Yes	☐ Yes	No
☐ Gum and Wood Chemicals - Subparts A,B,C,E	454	☐ Yes	☐ Yes	No	No
☐ Gum and Wood Chemicals - Subparts D,F	454	☐ Yes	☐ Yes	☐ Yes	No
☐ Inorganic Chemicals Manufacturing	415	☐ Yes	☐ Yes	☐ Yes	No
☐ Iron and Steel Manufacturing	420	☐ Yes	☐ Yes	☐ Yes	No
☐ Leather Tanning and Finishing	425	☐ Yes	☐ Yes	☐ Yes	No
☐ Mechanical Products Manufacturing		☐ Yes	☐ Yes	☐ Yes	No
☐ Nonferrous Metals Manufacturing	421,471	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Oil and Gas Extraction - Subparts A, D, E, F, G, H	435	☐ Yes	☐ Yes	☐ Yes	No
☐ Ore Mining - Subpart B	440	No	☐ Yes	No	No
☐ Organic Chemicals Manufacturing	414	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Paint and Ink Formulation	446,447	☐ Yes	☐ Yes	☐ Yes	No
☐ Pesticides	455	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Petroleum Refining	419	☐ Yes	No	No	No
☐ Pharmaceutical Preparations	439	☐ Yes	☐ Yes	☐ Yes	No
☐ Photographic Equipment and Supplies	459	☐ Yes	☐ Yes	☐ Yes	No
☐ Plastic and Synthetic Materials Manufacturing	414	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Plastic Processing	463	☐ Yes	No	No	No
☐ Porcelain Enameling	466	No	No	No	No
☐ Printing and Publishing		☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Pulp and Paperboard Mills - Subpart C	430	☐ *	☐ Yes	☐ *	☐ Yes
☐ Pulp and Paperboard Mills - Subparts F, K	430	☐ *	☐ Yes	☐ *	☐ *
☐ Pulp and Paperboard Mills - Subparts A, B, D, G, H	430	☐ Yes	☐ Yes	☐ *	☐ *
☐ Pulp and Paperboard Mills - Subparts I, J, L	430	☐ Yes	☐ Yes	☐ *	☐ Yes
☐ Pulp and Paperboard Mills - Subpart E	430	☐ Yes	☐ Yes	☐ Yes	☐ *
☐ Rubber Processing	428	☐ Yes	☐ Yes	☐ Yes	No
☐ Soap and Detergent Manufacturing	417	☐ Yes	☐ Yes	☐ Yes	No
☐ Steam Electric Power Plants	423	☐ Yes	☐ Yes	No	No
☐ Textile Mills (Not Subpart C)	410	☐ Yes	☐ Yes	☐ Yes	No
☐ Timber Products Processing	429	☐ Yes	☐ Yes	☐ Yes	☐ Yes

* Test if believed present.

TABLES 8, 9, 10, and 11 (Instructions, Page 60)

Completion of Tables 8, 9, 10, and 11 **is required** as specified in Table 7 for all **external outfalls** that contain process wastewater.

Completion of Tables 8, 9, 10, and 11 **may be required** for types of industry not specified in Table 7 for specific parameters that are believed to be present in the wastewater.

Table 8 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	**Sample 1 (µg/L)***	**Sample 2 (µg/L)***	**Sample 3 (µg/L)***	**Sample 4 (µg/L)***	**MAL (µg/L)**
Acrolein					50
Acrylonitrile					50
Benzene					10
Bromoform					10
Carbon tetrachloride					2
Chlorobenzene					10
Chlorodibromomethane					10
Chloroethane					50
2-Chloroethylvinyl ether					10
Chloroform					10
Dichlorobromomethane [Bromodichloromethane]					10
1,1-Dichloroethane					10
1,2-Dichloroethane					10
1,1-Dichloroethylene [1,1-Dichloroethene]					10
1,2-Dichloropropane					10
1,3-Dichloropropylene [1,3-Dichloropropene]					10
Ethylbenzene					10
Methyl bromide [Bromomethane]					50
Methyl chloride [Chloromethane]					50
Methylene chloride [Dichloromethane]					20
1,1,2,2-Tetrachloroethane					10
Tetrachloroethylene [Tetrachloroethene]					10
Toluene					10
1,2-Trans-dichloroethylene [1,2-Trans-dichloroethene]					10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
1,1,1-Trichloroethane					10
1,1,2-Trichloroethane					10
Trichloroethylene [Trichloroethene]					10
Vinyl chloride					10

* Indicate units if different from µg/L.

Table 9 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
2-Chlorophenol					10
2,4-Dichlorophenol					10
2,4-Dimethylphenol					10
4,6-Dinitro-o-cresol					50
2,4-Dinitrophenol					50
2-Nitrophenol					20
4-Nitrophenol					50
p-Chloro-m-cresol					10
Pentachlorophenol					5
Phenol					10
2,4,6-Trichlorophenol					10

* Indicate units if different from µg/L.

Table 10 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
Acenaphthene					10
Acenaphthylene					10
Anthracene					10
Benzidine					50
Benzo(a)anthracene					5
Benzo(a)pyrene					5
3,4-Benzofluoranthene [Benzo(b)fluoranthene]					10
Benzo(ghi)perylene					20
Benzo(k)fluoranthene					5
Bis(2-chloroethoxy)methane					10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
Bis(2-chloroethyl)ether					10
Bis(2-chloroisopropyl)ether					10
Bis(2-ethylhexyl)phthalate					10
4-Bromophenyl phenyl ether					10
Butylbenzyl phthalate					10
2-Chloronaphthalene					10
4-Chlorophenyl phenyl ether					10
Chrysene					5
Dibenzo(a,h)anthracene					5
1,2-Dichlorobenzene [o-Dichlorobenzene]					10
1,3-Dichlorobenzene [m-Dichlorobenzene]					10
1,4-Dichlorobenzene [p-Dichlorobenzene]					10
3,3'-Dichlorobenzidine					5
Diethyl phthalate					10
Dimethyl phthalate					10
Di-n-butyl phthalate					10
2,4-Dinitrotoluene					10
2,6-Dinitrotoluene					10
Di-n-octyl phthalate					10
1,2-Diphenylhydrazine (as Azobenzene)					20
Fluoranthene					10
Fluorene					10
Hexachlorobenzene					5
Hexachlorobutadiene					10
Hexachlorocyclopentadiene					10
Hexachloroethane					20
Indeno(1,2,3-cd)pyrene					5
Isophorone					10
Naphthalene					10
Nitrobenzene					10
N-Nitrosodimethylamine					50

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
N-Nitrosodi-n-propylamine					20
N-Nitrosodiphenylamine					20
Phenanthrene					10
Pyrene					10
1,2,4-Trichlorobenzene					10

* Indicate units if different from µg/L.

Table 11 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
Aldrin					0.01
alpha-BHC [alpha-Hexachlorocyclohexane]					0.05
beta-BHC [beta-Hexachlorocyclohexane]					0.05
gamma-BHC [gamma-Hexachlorocyclohexane]					0.05
delta-BHC [delta-Hexachlorocyclohexane]					0.05
Chlordane					0.2
4,4'-DDT					0.02
4,4'-DDE					0.1
4,4'-DDD					0.1
Dieldrin					0.02
Endosulfan I (alpha)					0.01
Endosulfan II (beta)					0.02
Endosulfan sulfate					0.1
Endrin					0.02
Endrin aldehyde					0.1
Heptachlor					0.01
Heptachlor epoxide					0.01
PCB 1242					0.2
PCB 1254					0.2
PCB 1221					0.2
PCB 1232					0.2
PCB 1248					0.2

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
PCB 1260					0.2
PCB 1016					0.2
Toxaphene					0.3

* Indicate units if different from µg/L.

Attachment: Click to enter text.

TABLE 12 (DIOXINS/FURAN COMPOUNDS)

Complete of Table 12 **is required** for **external outfalls**, as directed below. (Instructions, Pages 59-60)

Indicate which compound(s) are manufactured or used at the facility and provide a brief description of the conditions of its/their presence at the facility (check all that apply).

☐ 2,4,5-trichlorophenoxy acetic acid (2,4,5-T) CASRN 93-76-5

☐ 2-(2,4,5-trichlorophenoxy) propanoic acid (Silvex, 2,4,5-TP) CASRN 93-72-1

☐ 2-(2,4,5-trichlorophenoxy) ethyl 2,2-dichloropropionate (Erbon) CASRN 136-25-4

☐ 0,0-dimethyl 0-(2,4,5-trichlorophenyl) phosphorothioate (Ronnel) CASRN 299-84-3

☐ 2,4,5-trichlorophenol (TCP) CASRN 95-95-4

☐ hexachlorophene (HCP) CASRN 70-30-4

☒ None of the above

Description: Click to enter text.

Does the applicant or anyone at the facility 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 the effluent proposed for discharge?

☐ Yes ☒ No

Description: Click to enter text.

If **yes** to either Items a **or** b, complete Table 12 as instructed.

Table 12 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Compound	Toxicity Equivalent Factors	Wastewater Concentration (ppq)	Wastewater Toxicity Equivalents (ppq)	Sludge Concentration (ppt)	Sludge Toxicity Equivalents (ppt)	MAL (ppq)
2,3,7,8-TCDD	1					10
1,2,3,7,8-PeCDD	1.0					50
2,3,7,8-HxCDDs	0.1					50
1,2,3,4,6,7,8-HpCDD	0.01					50

Compound	Toxicity Equivalent Factors	Wastewater Concentration (ppq)	Wastewater Toxicity Equivalents (ppq)	Sludge Concentration (ppt)	Sludge Toxicity Equivalents (ppt)	MAL (ppq)
2,3,7,8-TCDF	0.1					10
1,2,3,7,8-PeCDF	0.03					50
2,3,4,7,8-PeCDF	0.3					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					500
PCB 81	0.0003					500
PCB 126	0.1					500
PCB 169	0.03					500
Total						

TABLE 13 (HAZARDOUS SUBSTANCES)

Complete Table 13 **is required** for all **external outfalls** as directed below. (Instructions, Pages 60-61)

Are there any pollutants listed in the instructions (pages 55-62) believed present in the discharge?

☐ Yes ☒ No

Are there pollutants listed in Item 1.c. of Technical Report 1.0 which are believed present in the discharge and have not been analytically quantified elsewhere in this application?

☐ Yes ☒ No

If **yes** to either Items a **or** b, complete Table 13 as instructed.

Table 13 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	CASRN	Sample 1 (µg/L)	Sample 2 (µg/L)	Sample 3 (µg/L)	Sample 4 (µg/L)	Analytical Method

INDUSTRIAL WASTEWATER PERMIT APPLICATION WORKSHEET 2.0: POLLUTANT ANALYSIS

Worksheet 2.0 **is required** for all applications submitted for a TPDES permit. Worksheet 2.0 is not required for applications for a permit to dispose of all wastewater by land disposal or for discharges solely of stormwater associated with industrial activities.

Item 1. General Testing Requirements (Instructions, Page 55)

a. Provide the date range of all sampling events conducted to obtain the analytical data submitted with this application (e.g., 05/01/2018-05/30/2018): 8/12/2025-8/14/2025

b. ☒ Check the box to confirm all samples were collected no more than 12 months prior to the date of application submittal.

c. Read the general testing requirements in the instructions for important information about sampling, test methods, and MALs. If a contact laboratory was used, attach a list which includes the name, contact information, and pollutants analyzed for each laboratory/firm. **Attachment:** K

Item 2. Specific Testing Requirements (Instructions, Page 56)

Attach correspondence from TCEQ approving submittal of less than the required number of samples, if applicable. **Attachment:** Click to enter text.

TABLE 1 and TABLE 2 (Instructions, Page 58)

Completion of Tables 1 and 2 is required for all external outfalls for all TPDES permit applications.

Table 1 for Outfall No.: 004 **Samples are (check one): ☒ Composite ☐ Grab**

Pollutant	Sample 1 (mg/L)	Sample 2 (mg/L)	Sample 3 (mg/L)	Sample 4 (mg/L)
BOD (5-day)	5.88	8.45		
CBOD (5-day)	4.16	7.98		
Chemical oxygen demand	27	39.0		
Total organic carbon	10.2	11.2		
Dissolved oxygen	NA	NA		
Ammonia nitrogen	0.608	0.271		
Total suspended solids	199	20.8		
Nitrate nitrogen	0.538	0.222		
Total organic nitrogen	0.69	1.6		
Total phosphorus	0.359	0.518		
Oil and grease	1.0J	3.50		
Total residual chlorine	NA	NA		

Pollutant	Sample 1 (mg/L)	Sample 2 (mg/L)	Sample 3 (mg/L)	Sample 4 (mg/L)
Total dissolved solids	222	290		
Sulfate	64.1	67.6		
Chloride	19.1	57.8		
Fluoride	0.438	0.852		
Total alkalinity (mg/L as CaCO3)	NA	NA		
Temperature (°F)	NA	NA		
pH (standard units)	NA	NA		

Table 2 for Outfall No.: 004 **Samples are (check one): ☒ Composite ☐ Grab**

Pollutant	Sample 1 (µg/L)	Sample 2 (µg/L)	Sample 3 (µg/L)	Sample 4 (µg/L)	MAL (µg/L)
Aluminum, total	2530	659			2.5
Antimony, total	1.04J	1.50J			5
Arsenic, total	8.02	9.99			0.5
Barium, total	73.7	47.6			3
Beryllium, total	0.986J	0.110J			0.5
Cadmium, total	0.155J	0.0840J			1
Chromium, total	9.67	0.809J			3
Chromium, hexavalent	3.0J	<2.4			3
Chromium, trivalent	<10	<10			N/A
Copper, total	24.5	23.9			2
Cyanide, available	2.0J	2.0J			2/10
Lead, total	6.51	0.964			0.5
Mercury, total	<0.03	<0.03			0.005/0.0005
Nickel, total	6.4	2.16			2
Selenium, total	0.86	<0.86			5
Silver, total	0.061J	<0.044			0.5
Thallium, total	<0.25	<0.25			0.5
Zinc, total	98.9	43.5			5.0

TABLE 3 (Instructions, Page 58)

Completion of Table 3 **is required** for all **external outfalls** which discharge process wastewater.

Partial completion of Table 3 **is required** for all **external outfalls** which discharge non-process wastewater and stormwater associated with industrial activities commingled with other wastestreams (see instructions for additional guidance).

Table 3 for Outfall No.: 004 **Samples are (check one): ☒ Composite ☐ Grab**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
Acrylonitrile					50
Anthracene					10
Benzene	<0.28	<0.28			10
Benzidine	<0.018	<0.018			50
Benzo(a)anthracene	<0.013	<0.013			5
Benzo(a)pyrene	<0.07	<0.07			5
Bis(2-chloroethyl)ether					10
Bis(2-ethylhexyl)phthalate					10
Bromodichloromethane [Dichlorobromomethane]					10
Bromoform					10
Carbon tetrachloride	<0.34	<0.34			2
Chlorobenzene	<0.36	<0.36			10
Chlorodibromomethane [Dibromochloromethane]	<0.39	<0.39			10
Chloroform	<0.32	<0.32			10
Chrysene	<0.034	<0.034			5
m-Cresol [3-Methylphenol]	<0.044	<0.044			10
o-Cresol [2-Methylphenol]	<0.033	<0.033			10
p-Cresol [4-Methylphenol]	<0.044	<0.044			10
1,2-Dibromoethane	<0.3	<0.3			10
m-Dichlorobenzene [1,3-Dichlorobenzene]					10
o-Dichlorobenzene [1,2-Dichlorobenzene]					10
p-Dichlorobenzene [1,4-Dichlorobenzene]	<0.35	<0.35			10
3,3'-Dichlorobenzidine					5
1,2-Dichloroethane	<0.41	<0.41			10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
1,1-Dichloroethene [1,1-Dichloroethylene]	<0.22	<0.22			10
Dichloromethane [Methylene chloride]					20
1,2-Dichloropropane					10
1,3-Dichloropropene [1,3-Dichloropropylene]					10
2,4-Dimethylphenol					10
Di-n-Butyl phthalate					10
Epichlorohydrin (1-Chloro-2,3-epoxypropane)					---
Ethylbenzene					10
Ethylene Glycol	5800	<130			---
Fluoride	438	852			500
Hexachlorobenzene	<0.09	<0.09			5
Hexachlorobutadiene	<2.5	<2.5			10
Hexachlorocyclopentadiene					10
Hexachloroethane	<0.045	<0.045			20
4,4'-Isopropylidenediphenol (bisphenol A)					1
Methyl ethyl ketone	4.2J	<1.5			50
Methyl tert-butyl ether (MTBE)					---
Nitrobenzene	<0.068	<0.068			10
N-Nitrosodiethylamine	<0.047	<0.047			20
N-Nitroso-di-n-butylamine	<0.12	<0.12			20
Nonylphenol					333
Pentachlorobenzene	<0.035	<0.035			20
Pentachlorophenol	<0.16	<0.16			5
Phenanthrene	<0.038	<0.038			10
Polychlorinated biphenyls (PCBs) (**)	<0.2	<0.2			0.2
Pyridine	<0.088	<0.088			20
1,2,4,5-Tetrachlorobenzene	<0.067	<0.067			20
1,1,2,2-Tetrachloroethane					10
Tetrachloroethene [Tetrachloroethylene]	<0.3	<0.3			10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
Toluene					10
1,1,1-Trichloroethane	<0.24				10
1,1,2-Trichloroethane					10
Trichloroethene [Trichloroethylene]	<0.35				10
2,4,5-Trichlorophenol	<0.057				50
TTHM (Total trihalomethanes)	<1.6				10
Vinyl chloride	<0.23				10

(*) Indicate units if different from µg/L.

(**) Total of detects for PCB-1242, PCB-1254, PCB-1221, PCB-1232, PCB-1248, PCB-1260, and PCB-1016. If all non-detects, enter the highest non-detect preceded by a "<".

TABLE 4 (Instructions, Pages 58-59)

Partial completion of Table 4 **is required** for each **external outfall** based on the conditions below.

a. **Tributyltin**

Is this facility an industrial/commercial facility which currently or proposes to directly dispose of wastewater from the types of operations listed below or a domestic facility which currently or proposes to receive wastewater from the types of industrial/commercial operations listed below?

☐ Yes ☒ No

If **yes**, check the box next to each of the following criteria which apply and provide the appropriate testing results in Table 4 below (check all that apply).

☐ Manufacturers and formulators of tributyltin or related compounds.

☐ Painting of ships, boats and marine structures.

☐ Ship and boat building and repairing.

☐ Ship and boat cleaning, salvage, wrecking and scaling.

☐ Operation and maintenance of marine cargo handling facilities and marinas.

☐ Facilities engaged in wood preserving.

☐ Any other industrial/commercial facility for which tributyltin is known to be present, or for which there is any reason to believe that tributyltin may be present in the effluent.

b. **Enterococci (discharge to saltwater)**

This facility discharges/proposes to discharge directly into saltwater receiving waters **and** Enterococci bacteria are expected to be present in the discharge based on facility processes.

☐ Yes ☒ No

Domestic wastewater is/will be discharged.

☐ Yes ☒ No

If **yes to either** question, provide the appropriate testing results in Table 4 below.

c. E. coli (discharge to freshwater)

This facility discharges/proposes to discharge directly into freshwater receiving waters **and** *E. coli* bacteria are expected to be present in the discharge based on facility processes.

☐ Yes ☒ No

Domestic wastewater is/will be discharged.

☐ Yes ☒ No

If **yes to either** question, provide the appropriate testing results in Table 4 below.

Table 4 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	**Sample 1**	**Sample 2**	**Sample 3**	**Sample 4**	**MAL**
Tributyltin (µg/L)					0.010
Enterococci (cfu or MPN/100 mL)					N/A
E. coli (cfu or MPN/100 mL)					N/A

TABLE 5 (Instructions, Page 59)

Completion of Table 5 **is required** for all **external outfalls** which discharge process wastewater from a facility which manufactures or formulates pesticides or herbicides or other wastewaters which may contain pesticides or herbicides.

If this facility does not/will not manufacture or formulate pesticides or herbicides and does not/will not discharge other wastewaters that may contain pesticides or herbicides, check N/A.

☒ N/A

Table 5 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	**Sample 1 (µg/L)***	**Sample 2 (µg/L)***	**Sample 3 (µg/L)***	**Sample 4 (µg/L)***	**MAL (µg/L)***
Aldrin					0.01
Carbaryl					5
Chlordane					0.2
Chlorpyrifos					0.05
4,4'-DDD					0.1
4,4'-DDE					0.1
4,4'-DDT					0.02
2,4-D					0.7
Danitol [Fenpropathrin]					—
Demeton					0.20
Diazinon					0.5/0.1

Pollutant	**Sample 1 (µg/L)***	**Sample 2 (µg/L)***	**Sample 3 (µg/L)***	**Sample 4 (µg/L)***	**MAL (µg/L)***
Dicofol [Kelthane]					1
Dieldrin					0.02
Diuron					0.090
Endosulfan I (*alpha*)					0.01
Endosulfan II (*beta*)					0.02
Endosulfan sulfate					0.1
Endrin					0.02
Guthion [Azinphos methyl]					0.1
Heptachlor					0.01
Heptachlor epoxide					0.01
Hexachlorocyclohexane (*alpha*)					0.05
Hexachlorocyclohexane (*beta*)					0.05
Hexachlorocyclohexane (*gamma*) [Lindane]					0.05
Hexachlorophene					10
Malathion					0.1
Methoxychlor					2.0
Mirex					0.02
Parathion (ethyl)					0.1
Toxaphene					0.3
2,4,5-TP [Silvex]					0.3

* Indicate units if different from µg/L.

TABLE 6 (Instructions, Page 59)

Completion of Table 6 **is required** for all **external outfalls**.

Table 6 for Outfall No.: 004 **Samples are (check one): ☐ Composite ☐ Grab**

Pollutants	Believed Present	Believed Absent	Sample 1 (mg/L)	Sample 2 (mg/L)	Sample 3 (mg/L)	Sample 4 (mg/L)	MAL (µg/L)*
Bromide	☐	☒					400
Color (PCU)	☐	☒					—
Nitrate-Nitrite (as N)	☐	☒					—
Sulfide (as S)	☐	☒					—
Sulfite (as SO3)	☐	☒					—
Surfactants	☐	☒					—
Boron, total	☐	☒					20
Cobalt, total	☐	☒					0.3
Iron, total	☐	☒					7
Magnesium, total	☐	☒					20
Manganese, total	☐	☒					0.5
Molybdenum, total	☐	☒					1
Tin, total	☐	☒					5
Titanium, total	☐	☒					30

TABLE 7 (Instructions, Page 60)

Check the box next to any of the industrial categories applicable to this facility. If no categories are applicable, check N/A. If GC/MS testing is required, check the box provided to confirm the testing results for the appropriate parameters are provided with the application.

☒ N/A

Table 7 for Applicable Industrial Categories

Industrial Category	40 CFR Part	Volatiles Table 8	Acids Table 9	Bases/ Neutrals Table 10	Pesticides Table 11
☐ Adhesives and Sealants		☐ Yes	☐ Yes	☐ Yes	No
☐ Aluminum Forming	467	☐ Yes	☐ Yes	☐ Yes	No
☐ Auto and Other Laundries		☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Battery Manufacturing	461	☐ Yes	No	☐ Yes	No
☐ Coal Mining	434	No	No	No	No
☐ Coil Coating	465	☐ Yes	☐ Yes	☐ Yes	No
☐ Copper Forming	468	☐ Yes	☐ Yes	☐ Yes	No
☐ Electric and Electronic Components	469	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Electroplating	413	☐ Yes	☐ Yes	☐ Yes	No
☐ Explosives Manufacturing	457	No	☐ Yes	☐ Yes	No
☐ Foundries		☐ Yes	☐ Yes	☐ Yes	No
☐ Gum and Wood Chemicals - Subparts A,B,C,E	454	☐ Yes	☐ Yes	No	No
☐ Gum and Wood Chemicals - Subparts D,F	454	☐ Yes	☐ Yes	☐ Yes	No
☐ Inorganic Chemicals Manufacturing	415	☐ Yes	☐ Yes	☐ Yes	No
☐ Iron and Steel Manufacturing	420	☐ Yes	☐ Yes	☐ Yes	No
☐ Leather Tanning and Finishing	425	☐ Yes	☐ Yes	☐ Yes	No
☐ Mechanical Products Manufacturing		☐ Yes	☐ Yes	☐ Yes	No
☐ Nonferrous Metals Manufacturing	421,471	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Oil and Gas Extraction - Subparts A, D, E, F, G, H	435	☐ Yes	☐ Yes	☐ Yes	No
☐ Ore Mining - Subpart B	440	No	☐ Yes	No	No
☐ Organic Chemicals Manufacturing	414	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Paint and Ink Formulation	446,447	☐ Yes	☐ Yes	☐ Yes	No
☐ Pesticides	455	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Petroleum Refining	419	☐ Yes	No	No	No
☐ Pharmaceutical Preparations	439	☐ Yes	☐ Yes	☐ Yes	No
☐ Photographic Equipment and Supplies	459	☐ Yes	☐ Yes	☐ Yes	No
☐ Plastic and Synthetic Materials Manufacturing	414	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Plastic Processing	463	☐ Yes	No	No	No
☐ Porcelain Enameling	466	No	No	No	No
☐ Printing and Publishing		☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Pulp and Paperboard Mills - Subpart C	430	☐ *	☐ Yes	☐ *	☐ Yes
☐ Pulp and Paperboard Mills - Subparts F, K	430	☐ *	☐ Yes	☐ *	☐ *
☐ Pulp and Paperboard Mills - Subparts A, B, D, G, H	430	☐ Yes	☐ Yes	☐ *	☐ *
☐ Pulp and Paperboard Mills - Subparts I, J, L	430	☐ Yes	☐ Yes	☐ *	☐ Yes
☐ Pulp and Paperboard Mills - Subpart E	430	☐ Yes	☐ Yes	☐ Yes	☐ *
☐ Rubber Processing	428	☐ Yes	☐ Yes	☐ Yes	No
☐ Soap and Detergent Manufacturing	417	☐ Yes	☐ Yes	☐ Yes	No
☐ Steam Electric Power Plants	423	☐ Yes	☐ Yes	No	No
☐ Textile Mills (Not Subpart C)	410	☐ Yes	☐ Yes	☐ Yes	No
☐ Timber Products Processing	429	☐ Yes	☐ Yes	☐ Yes	☐ Yes

* Test if believed present.

TABLES 8, 9, 10, and 11 (Instructions, Page 60)

Completion of Tables 8, 9, 10, and 11 **is required** as specified in Table 7 for all **external outfalls** that contain process wastewater.

Completion of Tables 8, 9, 10, and 11 **may be required** for types of industry not specified in Table 7 for specific parameters that are believed to be present in the wastewater.

Table 8 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	**Sample 1 (µg/L)***	**Sample 2 (µg/L)***	**Sample 3 (µg/L)***	**Sample 4 (µg/L)***	**MAL (µg/L)**
Acrolein					50
Acrylonitrile					50
Benzene					10
Bromoform					10
Carbon tetrachloride					2
Chlorobenzene					10
Chlorodibromomethane					10
Chloroethane					50
2-Chloroethylvinyl ether					10
Chloroform					10
Dichlorobromomethane [Bromodichloromethane]					10
1,1-Dichloroethane					10
1,2-Dichloroethane					10
1,1-Dichloroethylene [1,1-Dichloroethene]					10
1,2-Dichloropropane					10
1,3-Dichloropropylene [1,3-Dichloropropene]					10
Ethylbenzene					10
Methyl bromide [Bromomethane]					50
Methyl chloride [Chloromethane]					50
Methylene chloride [Dichloromethane]					20
1,1,2,2-Tetrachloroethane					10
Tetrachloroethylene [Tetrachloroethene]					10
Toluene					10
1,2-Trans-dichloroethylene [1,2-Trans-dichloroethene]					10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
1,1,1-Trichloroethane					10
1,1,2-Trichloroethane					10
Trichloroethylene [Trichloroethene]					10
Vinyl chloride					10

* Indicate units if different from µg/L.

Table 9 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
2-Chlorophenol					10
2,4-Dichlorophenol					10
2,4-Dimethylphenol					10
4,6-Dinitro-o-cresol					50
2,4-Dinitrophenol					50
2-Nitrophenol					20
4-Nitrophenol					50
p-Chloro-m-cresol					10
Pentachlorophenol					5
Phenol					10
2,4,6-Trichlorophenol					10

* Indicate units if different from µg/L.

Table 10 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
Acenaphthene					10
Acenaphthylene					10
Anthracene					10
Benzidine					50
Benzo(a)anthracene					5
Benzo(a)pyrene					5
3,4-Benzofluoranthene [Benzo(b)fluoranthene]					10
Benzo(ghi)perylene					20
Benzo(k)fluoranthene					5
Bis(2-chloroethoxy)methane					10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
Bis(2-chloroethyl)ether					10
Bis(2-chloroisopropyl)ether					10
Bis(2-ethylhexyl)phthalate					10
4-Bromophenyl phenyl ether					10
Butylbenzyl phthalate					10
2-Chloronaphthalene					10
4-Chlorophenyl phenyl ether					10
Chrysene					5
Dibenzo(a,h)anthracene					5
1,2-Dichlorobenzene [o-Dichlorobenzene]					10
1,3-Dichlorobenzene [m-Dichlorobenzene]					10
1,4-Dichlorobenzene [p-Dichlorobenzene]					10
3,3'-Dichlorobenzidine					5
Diethyl phthalate					10
Dimethyl phthalate					10
Di-n-butyl phthalate					10
2,4-Dinitrotoluene					10
2,6-Dinitrotoluene					10
Di-n-octyl phthalate					10
1,2-Diphenylhydrazine (as Azobenzene)					20
Fluoranthene					10
Fluorene					10
Hexachlorobenzene					5
Hexachlorobutadiene					10
Hexachlorocyclopentadiene					10
Hexachloroethane					20
Indeno(1,2,3-cd)pyrene					5
Isophorone					10
Naphthalene					10
Nitrobenzene					10
N-Nitrosodimethylamine					50

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
N-Nitrosodi-n-propylamine					20
N-Nitrosodiphenylamine					20
Phenanthrene					10
Pyrene					10
1,2,4-Trichlorobenzene					10

* Indicate units if different from µg/L.

Table 11 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
Aldrin					0.01
alpha-BHC [alpha-Hexachlorocyclohexane]					0.05
beta-BHC [beta-Hexachlorocyclohexane]					0.05
gamma-BHC [gamma-Hexachlorocyclohexane]					0.05
delta-BHC [delta-Hexachlorocyclohexane]					0.05
Chlordane					0.2
4,4'-DDT					0.02
4,4'-DDE					0.1
4,4'-DDD					0.1
Dieldrin					0.02
Endosulfan I (alpha)					0.01
Endosulfan II (beta)					0.02
Endosulfan sulfate					0.1
Endrin					0.02
Endrin aldehyde					0.1
Heptachlor					0.01
Heptachlor epoxide					0.01
PCB 1242					0.2
PCB 1254					0.2
PCB 1221					0.2
PCB 1232					0.2
PCB 1248					0.2

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
PCB 1260					0.2
PCB 1016					0.2
Toxaphene					0.3

* Indicate units if different from µg/L.

Attachment: Click to enter text.

TABLE 12 (DIOXINS/FURAN COMPOUNDS)

Complete of Table 12 **is required** for **external outfalls**, as directed below. (Instructions, Pages 59-60)

Indicate which compound(s) are manufactured or used at the facility and provide a brief description of the conditions of its/their presence at the facility (check all that apply).

☐ 2,4,5-trichlorophenoxy acetic acid (2,4,5-T) CASRN 93-76-5

☐ 2-(2,4,5-trichlorophenoxy) propanoic acid (Silvex, 2,4,5-TP) CASRN 93-72-1

☐ 2-(2,4,5-trichlorophenoxy) ethyl 2,2-dichloropropionate (Erbon) CASRN 136-25-4

☐ 0,0-dimethyl 0-(2,4,5-trichlorophenyl) phosphorothioate (Ronnel) CASRN 299-84-3

☐ 2,4,5-trichlorophenol (TCP) CASRN 95-95-4

☐ hexachlorophene (HCP) CASRN 70-30-4

☒ None of the above

Description: Click to enter text.

Does the applicant or anyone at the facility 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 the effluent proposed for discharge?

☐ Yes ☒ No

Description: Click to enter text.

If **yes** to either Items a **or** b, complete Table 12 as instructed.

Table 12 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Compound	Toxicity Equivalent Factors	Wastewater Concentration (ppq)	Wastewater Toxicity Equivalents (ppq)	Sludge Concentration (ppt)	Sludge Toxicity Equivalents (ppt)	MAL (ppq)
2,3,7,8-TCDD	1					10
1,2,3,7,8-PeCDD	1.0					50
2,3,7,8-HxCDDs	0.1					50
1,2,3,4,6,7,8-HpCDD	0.01					50

Compound	Toxicity Equivalent Factors	Wastewater Concentration (ppq)	Wastewater Toxicity Equivalents (ppq)	Sludge Concentration (ppt)	Sludge Toxicity Equivalents (ppt)	MAL (ppq)
2,3,7,8-TCDF	0.1					10
1,2,3,7,8-PeCDF	0.03					50
2,3,4,7,8-PeCDF	0.3					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					500
PCB 81	0.0003					500
PCB 126	0.1					500
PCB 169	0.03					500
Total						

TABLE 13 (HAZARDOUS SUBSTANCES)

Complete Table 13 **is required** for all **external outfalls** as directed below. (Instructions, Pages 60-61)

Are there any pollutants listed in the instructions (pages 55-62) believed present in the discharge?

☐ Yes ☒ No

Are there pollutants listed in Item 1.c. of Technical Report 1.0 which are believed present in the discharge and have not been analytically quantified elsewhere in this application?

☐ Yes ☒ No

If **yes** to either Items a **or** b, complete Table 13 as instructed.

Table 13 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	CASRN	Sample 1 (µg/L)	Sample 2 (µg/L)	Sample 3 (µg/L)	Sample 4 (µg/L)	Analytical Method

INDUSTRIAL WASTEWATER PERMIT APPLICATION WORKSHEET 2.0: POLLUTANT ANALYSIS

Worksheet 2.0 **is required** for all applications submitted for a TPDES permit. Worksheet 2.0 is not required for applications for a permit to dispose of all wastewater by land disposal or for discharges solely of stormwater associated with industrial activities.

Item 1. General Testing Requirements (Instructions, Page 55)

a. Provide the date range of all sampling events conducted to obtain the analytical data submitted with this application (e.g., 05/01/2018-05/30/2018): 8/12/2025-8/14/2025

b. ☒ Check the box to confirm all samples were collected no more than 12 months prior to the date of application submittal.

c. Read the general testing requirements in the instructions for important information about sampling, test methods, and MALs. If a contact laboratory was used, attach a list which includes the name, contact information, and pollutants analyzed for each laboratory/firm. **Attachment:** K

Item 2. Specific Testing Requirements (Instructions, Page 56)

Attach correspondence from TCEQ approving submittal of less than the required number of samples, if applicable. **Attachment:** Click to enter text.

TABLE 1 and TABLE 2 (Instructions, Page 58)

Completion of Tables 1 and 2 is required for all external outfalls for all TPDES permit applications.

Table 1 for Outfall No.: 005 **Samples are (check one): ☒ Composite ☐ Grab**

Pollutant	Sample 1 (mg/L)	Sample 2 (mg/L)	Sample 3 (mg/L)	Sample 4 (mg/L)
BOD (5-day)	3.64	4.65		
CBOD (5-day)	2.79	3.75		
Chemical oxygen demand	20	23.0		
Total organic carbon	4.83	6.15		
Dissolved oxygen	NA	NA		
Ammonia nitrogen	0.352	0.24		
Total suspended solids	25.3	48.5		
Nitrate nitrogen	0.8	2.28		
Total organic nitrogen	<0.5	0.96		
Total phosphorus	0.059	0.069		
Oil and grease	4.19	<0.61		
Total residual chlorine	NA	NA		

Pollutant	Sample 1 (mg/L)	Sample 2 (mg/L)	Sample 3 (mg/L)	Sample 4 (mg/L)
Total dissolved solids	218	332		
Sulfate	67.9	57.0		
Chloride	36.6	95.4		
Fluoride	0.195	0.236		
Total alkalinity (mg/L as CaCO3)	NA	NA		
Temperature (°F)	NA	NA		
pH (standard units)	NA	NA		

Table 2 for Outfall No.: 005 **Samples are (check one): ☒ Composite ☐ Grab**

Pollutant	Sample 1 (µg/L)	Sample 2 (µg/L)	Sample 3 (µg/L)	Sample 4 (µg/L)	MAL (µg/L)
Aluminum, total	434	1040			2.5
Antimony, total	2.32J	0.594J			5
Arsenic, total	10.6J	1.41J			0.5
Barium, total	199	63.9			3
Beryllium, total	<0.091	<0.091			0.5
Cadmium, total	<0.077	0.102J			1
Chromium, total	2.36J	6.08			3
Chromium, hexavalent	<2.4	12			3
Chromium, trivalent	<10	<10			N/A
Copper, total	4.49	7.23			2
Cyanide, available	2.0J	<2.0			2/10
Lead, total	<0.12	1.86J			0.5
Mercury, total	<0.03	<0.03			0.005/0.0005
Nickel, total	2.99	1.91J			2
Selenium, total	1.52J	1.39J			5
Silver, total	<0.044	<0.044			0.5
Thallium, total	<0.25	<0.25			0.5
Zinc, total	6.85	78.3			5.0

TABLE 3 (Instructions, Page 58)

Completion of Table 3 **is required** for all **external outfalls** which discharge process wastewater.

Partial completion of Table 3 **is required** for all **external outfalls** which discharge non-process wastewater and stormwater associated with industrial activities commingled with other wastestreams (see instructions for additional guidance).

Table 3 for Outfall No.: 005 **Samples are (check one): ☒ Composite ☐ Grab**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
Acrylonitrile					50
Anthracene					10
Benzene	<0.28	<0.28			10
Benzidine	<0.018	<0.018			50
Benzo(a)anthracene	<0.013	<0.013			5
Benzo(a)pyrene	<0.07	<0.07			5
Bis(2-chloroethyl)ether					10
Bis(2-ethylhexyl)phthalate					10
Bromodichloromethane [Dichlorobromomethane]					10
Bromoform					10
Carbon tetrachloride	<0.34	<0.34			2
Chlorobenzene	<0.36	<0.36			10
Chlorodibromomethane [Dibromochloromethane]	<0.39	<0.39			10
Chloroform	<0.32	<0.32			10
Chrysene	<0.034	<0.034			5
m-Cresol [3-Methylphenol]	<0.044	<0.044			10
o-Cresol [2-Methylphenol]	<0.033	<0.033			10
p-Cresol [4-Methylphenol]	<0.044	<0.044			10
1,2-Dibromoethane	<0.3	<0.3			10
m-Dichlorobenzene [1,3-Dichlorobenzene]					10
o-Dichlorobenzene [1,2-Dichlorobenzene]					10
p-Dichlorobenzene [1,4-Dichlorobenzene]	<0.35	<0.35			10
3,3'-Dichlorobenzidine					5
1,2-Dichloroethane	<0.41	<0.41			10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
1,1-Dichloroethene [1,1-Dichloroethylene]	<0.22	<0.22			10
Dichloromethane [Methylene chloride]					20
1,2-Dichloropropane					10
1,3-Dichloropropene [1,3-Dichloropropylene]					10
2,4-Dimethylphenol					10
Di-n-Butyl phthalate					10
Epichlorohydrin (1-Chloro-2,3-epoxypropane)					---
Ethylbenzene					10
Ethylene Glycol	6900	<130			---
Fluoride	195	236			500
Hexachlorobenzene	<0.09	<0.09			5
Hexachlorobutadiene	<2.5	<2.5			10
Hexachlorocyclopentadiene					10
Hexachloroethane	<0.045	<0.045			20
4,4'-Isopropylidenediphenol (bisphenol A)					1
Methyl ethyl ketone	<1.5	<1.5			50
Methyl tert-butyl ether (MTBE)					---
Nitrobenzene	<0.068	<0.068			10
N-Nitrosodiethylamine	<0.047	<0.047			20
N-Nitroso-di-n-butylamine	<0.12	<0.12			20
Nonylphenol					333
Pentachlorobenzene	<0.035	<0.035			20
Pentachlorophenol	<0.16	<0.16			5
Phenanthrene	<0.038	<0.038			10
Polychlorinated biphenyls (PCBs) (**)	<0.2	<0.2			0.2
Pyridine	<0.088	<0.088			20
1,2,4,5-Tetrachlorobenzene	<0.067	<0.067			20
1,1,2,2-Tetrachloroethane					10
Tetrachloroethene [Tetrachloroethylene]	<0.3	<0.3			10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
Toluene					10
1,1,1-Trichloroethane	<0.24	<0.24			10
1,1,2-Trichloroethane					10
Trichloroethene [Trichloroethylene]	<0.35	<0.35			10
2,4,5-Trichlorophenol	<0.057	<0.057			50
TTHM (Total trihalomethanes)	<1.6	<1.6			10
Vinyl chloride	<0.23	<0.23			10

(*) Indicate units if different from µg/L.

(**) Total of detects for PCB-1242, PCB-1254, PCB-1221, PCB-1232, PCB-1248, PCB-1260, and PCB-1016. If all non-detects, enter the highest non-detect preceded by a "<".

TABLE 4 (Instructions, Pages 58-59)

Partial completion of Table 4 **is required** for each **external outfall** based on the conditions below.

a. **Tributyltin**

Is this facility an industrial/commercial facility which currently or proposes to directly dispose of wastewater from the types of operations listed below or a domestic facility which currently or proposes to receive wastewater from the types of industrial/commercial operations listed below?

☐ Yes ☒ No

If **yes**, check the box next to each of the following criteria which apply and provide the appropriate testing results in Table 4 below (check all that apply).

☐ Manufacturers and formulators of tributyltin or related compounds.

☐ Painting of ships, boats and marine structures.

☐ Ship and boat building and repairing.

☐ Ship and boat cleaning, salvage, wrecking and scaling.

☐ Operation and maintenance of marine cargo handling facilities and marinas.

☐ Facilities engaged in wood preserving.

☐ Any other industrial/commercial facility for which tributyltin is known to be present, or for which there is any reason to believe that tributyltin may be present in the effluent.

b. **Enterococci (discharge to saltwater)**

This facility discharges/proposes to discharge directly into saltwater receiving waters **and** Enterococci bacteria are expected to be present in the discharge based on facility processes.

☐ Yes ☒ No

Domestic wastewater is/will be discharged.

☐ Yes ☒ No

If **yes to either** question, provide the appropriate testing results in Table 4 below.

c. E. coli (discharge to freshwater)

This facility discharges/proposes to discharge directly into freshwater receiving waters **and** *E. coli* bacteria are expected to be present in the discharge based on facility processes.

☐ Yes ☒ No

Domestic wastewater is/will be discharged.

☐ Yes ☒ No

If **yes to either** question, provide the appropriate testing results in Table 4 below.

Table 4 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	**Sample 1**	**Sample 2**	**Sample 3**	**Sample 4**	**MAL**
Tributyltin (µg/L)					0.010
Enterococci (cfu or MPN/100 mL)					N/A
E. coli (cfu or MPN/100 mL)					N/A

TABLE 5 (Instructions, Page 59)

Completion of Table 5 **is required** for all **external outfalls** which discharge process wastewater from a facility which manufactures or formulates pesticides or herbicides or other wastewaters which may contain pesticides or herbicides.

If this facility does not/will not manufacture or formulate pesticides or herbicides and does not/will not discharge other wastewaters that may contain pesticides or herbicides, check N/A.

☒ N/A

Table 5 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	**Sample 1 (µg/L)***	**Sample 2 (µg/L)***	**Sample 3 (µg/L)***	**Sample 4 (µg/L)***	**MAL (µg/L)***
Aldrin					0.01
Carbaryl					5
Chlordane					0.2
Chlorpyrifos					0.05
4,4'-DDD					0.1
4,4'-DDE					0.1
4,4'-DDT					0.02
2,4-D					0.7
Danitol [Fenpropathrin]					—
Demeton					0.20
Diazinon					0.5/0.1

Pollutant	**Sample 1 (µg/L)***	**Sample 2 (µg/L)***	**Sample 3 (µg/L)***	**Sample 4 (µg/L)***	**MAL (µg/L)***
Dicofol [Kelthane]					1
Dieldrin					0.02
Diuron					0.090
Endosulfan I (*alpha*)					0.01
Endosulfan II (*beta*)					0.02
Endosulfan sulfate					0.1
Endrin					0.02
Guthion [Azinphos methyl]					0.1
Heptachlor					0.01
Heptachlor epoxide					0.01
Hexachlorocyclohexane (*alpha*)					0.05
Hexachlorocyclohexane (*beta*)					0.05
Hexachlorocyclohexane (*gamma*) [Lindane]					0.05
Hexachlorophene					10
Malathion					0.1
Methoxychlor					2.0
Mirex					0.02
Parathion (ethyl)					0.1
Toxaphene					0.3
2,4,5-TP [Silvex]					0.3

* Indicate units if different from µg/L.

TABLE 6 (Instructions, Page 59)

Completion of Table 6 **is required** for all **external outfalls**.

Table 6 for Outfall No.: 005 **Samples are (check one): ☐ Composite ☐ Grab**

Pollutants	Believed Present	Believed Absent	Sample 1 (mg/L)	Sample 2 (mg/L)	Sample 3 (mg/L)	Sample 4 (mg/L)	MAL (µg/L)*
Bromide	☐	☒					400
Color (PCU)	☐	☒					—
Nitrate-Nitrite (as N)	☐	☒					—
Sulfide (as S)	☐	☒					—
Sulfite (as SO3)	☐	☒					—
Surfactants	☐	☒					—
Boron, total	☐	☒					20
Cobalt, total	☐	☒					0.3
Iron, total	☐	☒					7
Magnesium, total	☐	☒					20
Manganese, total	☐	☒					0.5
Molybdenum, total	☐	☒					1
Tin, total	☐	☒					5
Titanium, total	☐	☒					30

TABLE 7 (Instructions, Page 60)

Check the box next to any of the industrial categories applicable to this facility. If no categories are applicable, check N/A. If GC/MS testing is required, check the box provided to confirm the testing results for the appropriate parameters are provided with the application.

☒ N/A

Table 7 for Applicable Industrial Categories

Industrial Category	40 CFR Part	Volatiles Table 8	Acids Table 9	Bases/ Neutrals Table 10	Pesticides Table 11
☐ Adhesives and Sealants		☐ Yes	☐ Yes	☐ Yes	No
☐ Aluminum Forming	467	☐ Yes	☐ Yes	☐ Yes	No
☐ Auto and Other Laundries		☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Battery Manufacturing	461	☐ Yes	No	☐ Yes	No
☐ Coal Mining	434	No	No	No	No
☐ Coil Coating	465	☐ Yes	☐ Yes	☐ Yes	No
☐ Copper Forming	468	☐ Yes	☐ Yes	☐ Yes	No
☐ Electric and Electronic Components	469	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Electroplating	413	☐ Yes	☐ Yes	☐ Yes	No
☐ Explosives Manufacturing	457	No	☐ Yes	☐ Yes	No
☐ Foundries		☐ Yes	☐ Yes	☐ Yes	No
☐ Gum and Wood Chemicals - Subparts A,B,C,E	454	☐ Yes	☐ Yes	No	No
☐ Gum and Wood Chemicals - Subparts D,F	454	☐ Yes	☐ Yes	☐ Yes	No
☐ Inorganic Chemicals Manufacturing	415	☐ Yes	☐ Yes	☐ Yes	No
☐ Iron and Steel Manufacturing	420	☐ Yes	☐ Yes	☐ Yes	No
☐ Leather Tanning and Finishing	425	☐ Yes	☐ Yes	☐ Yes	No
☐ Mechanical Products Manufacturing		☐ Yes	☐ Yes	☐ Yes	No
☐ Nonferrous Metals Manufacturing	421,471	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Oil and Gas Extraction - Subparts A, D, E, F, G, H	435	☐ Yes	☐ Yes	☐ Yes	No
☐ Ore Mining - Subpart B	440	No	☐ Yes	No	No
☐ Organic Chemicals Manufacturing	414	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Paint and Ink Formulation	446,447	☐ Yes	☐ Yes	☐ Yes	No
☐ Pesticides	455	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Petroleum Refining	419	☐ Yes	No	No	No
☐ Pharmaceutical Preparations	439	☐ Yes	☐ Yes	☐ Yes	No
☐ Photographic Equipment and Supplies	459	☐ Yes	☐ Yes	☐ Yes	No
☐ Plastic and Synthetic Materials Manufacturing	414	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Plastic Processing	463	☐ Yes	No	No	No
☐ Porcelain Enameling	466	No	No	No	No
☐ Printing and Publishing		☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Pulp and Paperboard Mills - Subpart C	430	☐ *	☐ Yes	☐ *	☐ Yes
☐ Pulp and Paperboard Mills - Subparts F, K	430	☐ *	☐ Yes	☐ *	☐ *
☐ Pulp and Paperboard Mills - Subparts A, B, D, G, H	430	☐ Yes	☐ Yes	☐ *	☐ *
☐ Pulp and Paperboard Mills - Subparts I, J, L	430	☐ Yes	☐ Yes	☐ *	☐ Yes
☐ Pulp and Paperboard Mills - Subpart E	430	☐ Yes	☐ Yes	☐ Yes	☐ *
☐ Rubber Processing	428	☐ Yes	☐ Yes	☐ Yes	No
☐ Soap and Detergent Manufacturing	417	☐ Yes	☐ Yes	☐ Yes	No
☐ Steam Electric Power Plants	423	☐ Yes	☐ Yes	No	No
☐ Textile Mills (Not Subpart C)	410	☐ Yes	☐ Yes	☐ Yes	No
☐ Timber Products Processing	429	☐ Yes	☐ Yes	☐ Yes	☐ Yes

* Test if believed present.

TABLES 8, 9, 10, and 11 (Instructions, Page 60)

Completion of Tables 8, 9, 10, and 11 **is required** as specified in Table 7 for all **external outfalls** that contain process wastewater.

Completion of Tables 8, 9, 10, and 11 **may be required** for types of industry not specified in Table 7 for specific parameters that are believed to be present in the wastewater.

Table 8 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	**Sample 1 (µg/L)***	**Sample 2 (µg/L)***	**Sample 3 (µg/L)***	**Sample 4 (µg/L)***	**MAL (µg/L)**
Acrolein					50
Acrylonitrile					50
Benzene					10
Bromoform					10
Carbon tetrachloride					2
Chlorobenzene					10
Chlorodibromomethane					10
Chloroethane					50
2-Chloroethylvinyl ether					10
Chloroform					10
Dichlorobromomethane [Bromodichloromethane]					10
1,1-Dichloroethane					10
1,2-Dichloroethane					10
1,1-Dichloroethylene [1,1-Dichloroethene]					10
1,2-Dichloropropane					10
1,3-Dichloropropylene [1,3-Dichloropropene]					10
Ethylbenzene					10
Methyl bromide [Bromomethane]					50
Methyl chloride [Chloromethane]					50
Methylene chloride [Dichloromethane]					20
1,1,2,2-Tetrachloroethane					10
Tetrachloroethylene [Tetrachloroethene]					10
Toluene					10
1,2-Trans-dichloroethylene [1,2-Trans-dichloroethene]					10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
1,1,1-Trichloroethane					10
1,1,2-Trichloroethane					10
Trichloroethylene [Trichloroethene]					10
Vinyl chloride					10

* Indicate units if different from µg/L.

Table 9 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
2-Chlorophenol					10
2,4-Dichlorophenol					10
2,4-Dimethylphenol					10
4,6-Dinitro-o-cresol					50
2,4-Dinitrophenol					50
2-Nitrophenol					20
4-Nitrophenol					50
p-Chloro-m-cresol					10
Pentachlorophenol					5
Phenol					10
2,4,6-Trichlorophenol					10

* Indicate units if different from µg/L.

Table 10 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
Acenaphthene					10
Acenaphthylene					10
Anthracene					10
Benzidine					50
Benzo(a)anthracene					5
Benzo(a)pyrene					5
3,4-Benzofluoranthene [Benzo(b)fluoranthene]					10
Benzo(ghi)perylene					20
Benzo(k)fluoranthene					5
Bis(2-chloroethoxy)methane					10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
Bis(2-chloroethyl)ether					10
Bis(2-chloroisopropyl)ether					10
Bis(2-ethylhexyl)phthalate					10
4-Bromophenyl phenyl ether					10
Butylbenzyl phthalate					10
2-Chloronaphthalene					10
4-Chlorophenyl phenyl ether					10
Chrysene					5
Dibenzo(a,h)anthracene					5
1,2-Dichlorobenzene [o-Dichlorobenzene]					10
1,3-Dichlorobenzene [m-Dichlorobenzene]					10
1,4-Dichlorobenzene [p-Dichlorobenzene]					10
3,3'-Dichlorobenzidine					5
Diethyl phthalate					10
Dimethyl phthalate					10
Di-n-butyl phthalate					10
2,4-Dinitrotoluene					10
2,6-Dinitrotoluene					10
Di-n-octyl phthalate					10
1,2-Diphenylhydrazine (as Azobenzene)					20
Fluoranthene					10
Fluorene					10
Hexachlorobenzene					5
Hexachlorobutadiene					10
Hexachlorocyclopentadiene					10
Hexachloroethane					20
Indeno(1,2,3-cd)pyrene					5
Isophorone					10
Naphthalene					10
Nitrobenzene					10
N-Nitrosodimethylamine					50

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
N-Nitrosodi-n-propylamine					20
N-Nitrosodiphenylamine					20
Phenanthrene					10
Pyrene					10
1,2,4-Trichlorobenzene					10

* Indicate units if different from µg/L.

Table 11 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
Aldrin					0.01
alpha-BHC [alpha-Hexachlorocyclohexane]					0.05
beta-BHC [beta-Hexachlorocyclohexane]					0.05
gamma-BHC [gamma-Hexachlorocyclohexane]					0.05
delta-BHC [delta-Hexachlorocyclohexane]					0.05
Chlordane					0.2
4,4'-DDT					0.02
4,4'-DDE					0.1
4,4'-DDD					0.1
Dieldrin					0.02
Endosulfan I (alpha)					0.01
Endosulfan II (beta)					0.02
Endosulfan sulfate					0.1
Endrin					0.02
Endrin aldehyde					0.1
Heptachlor					0.01
Heptachlor epoxide					0.01
PCB 1242					0.2
PCB 1254					0.2
PCB 1221					0.2
PCB 1232					0.2
PCB 1248					0.2

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
PCB 1260					0.2
PCB 1016					0.2
Toxaphene					0.3

* Indicate units if different from µg/L.

Attachment: Click to enter text.

TABLE 12 (DIOXINS/FURAN COMPOUNDS)

Complete of Table 12 **is required** for **external outfalls**, as directed below. (Instructions, Pages 59-60)

Indicate which compound(s) are manufactured or used at the facility and provide a brief description of the conditions of its/their presence at the facility (check all that apply).

☐ 2,4,5-trichlorophenoxy acetic acid (2,4,5-T) CASRN 93-76-5

☐ 2-(2,4,5-trichlorophenoxy) propanoic acid (Silvex, 2,4,5-TP) CASRN 93-72-1

☐ 2-(2,4,5-trichlorophenoxy) ethyl 2,2-dichloropropionate (Erbon) CASRN 136-25-4

☐ 0,0-dimethyl 0-(2,4,5-trichlorophenyl) phosphorothioate (Ronnel) CASRN 299-84-3

☐ 2,4,5-trichlorophenol (TCP) CASRN 95-95-4

☐ hexachlorophene (HCP) CASRN 70-30-4

☒ None of the above

Description: Click to enter text.

Does the applicant or anyone at the facility 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 the effluent proposed for discharge?

☐ Yes ☒ No

Description: Click to enter text.

If **yes** to either Items a **or** b, complete Table 12 as instructed.

Table 12 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Compound	Toxicity Equivalent Factors	Wastewater Concentration (ppq)	Wastewater Toxicity Equivalents (ppq)	Sludge Concentration (ppt)	Sludge Toxicity Equivalents (ppt)	MAL (ppq)
2,3,7,8-TCDD	1					10
1,2,3,7,8-PeCDD	1.0					50
2,3,7,8-HxCDDs	0.1					50
1,2,3,4,6,7,8-HpCDD	0.01					50

Compound	Toxicity Equivalent Factors	Wastewater Concentration (ppq)	Wastewater Toxicity Equivalents (ppq)	Sludge Concentration (ppt)	Sludge Toxicity Equivalents (ppt)	MAL (ppq)
2,3,7,8-TCDF	0.1					10
1,2,3,7,8-PeCDF	0.03					50
2,3,4,7,8-PeCDF	0.3					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					500
PCB 81	0.0003					500
PCB 126	0.1					500
PCB 169	0.03					500
Total						

TABLE 13 (HAZARDOUS SUBSTANCES)

Complete Table 13 **is required** for all **external outfalls** as directed below. (Instructions, Pages 60-61)

Are there any pollutants listed in the instructions (pages 55-62) believed present in the discharge?

☐ Yes ☒ No

Are there pollutants listed in Item 1.c. of Technical Report 1.0 which are believed present in the discharge and have not been analytically quantified elsewhere in this application?

☐ Yes ☒ No

If **yes** to either Items a **or** b, complete Table 13 as instructed.

Table 13 for Outfall No.: Click to enter text. **Samples are (check one):** ☐ **Composite** ☐ **Grab**

Pollutant	CASRN	Sample 1 (µg/L)	Sample 2 (µg/L)	Sample 3 (µg/L)	Sample 4 (µg/L)	Analytical Method

INDUSTRIAL WASTEWATER PERMIT APPLICATION WORKSHEET 4.0: RECEIVING WATERS

This worksheet **is required** for all TPDES permit applications.

Item 1. Domestic Drinking Water Supply (Instructions, Page 80)

a. There is a surface water intake for domestic drinking water supply located within 5 (five) miles downstream from the point/proposed point of discharge.

☐ Yes ☒ No

If **no**, stop here and proceed to Item 2. If **yes**, provide the following information:

1. The legal name of the owner of the drinking water supply intake: Click to enter text.
2. The distance and direction from the outfall to the drinking water supply intake: Click to enter text.

b. Locate and identify the intake on the USGS 7.5-minute topographic map provided for Administrative Report 1.0.

☐ Check this box to confirm the above requested information is provided.

Item 2. Discharge Into Tidally Influenced Waters (Instructions, Page 80)

If the discharge is to tidally influenced waters, complete this section. Otherwise, proceed to Item 3.

a. Width of the receiving water at the outfall: 20 (Outfall 001), 30 (002), 30 (003), 5 (004), 20 (005) feet

b. Are there oyster reefs in the vicinity of the discharge?

☐ Yes ☒ No

If **yes**, provide the distance and direction from the outfall(s) to the oyster reefs: Click to enter text.

c. Are there sea grasses within the vicinity of the point of discharge?

☐ Yes ☒ No

If **yes**, provide the distance and direction from the outfall(s) to the grasses: Click to enter text.

Item 3. Classified Segment (Instructions, Page 80)

The discharge is/will be directly into (or within 300 feet of) a classified segment.

☐ Yes ☒ No

If **yes**, stop here and do not complete Items 4 and 5 of this worksheet or Worksheet 4.1.

If **no**, complete Items 4 and 5 and Worksheet 4.1 may be required.

Item 4. Description of Immediate Receiving Waters (Instructions, Page 80)

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

b. Check the appropriate description of the immediate receiving waters:

☐ Lake or Pond

- Surface area (acres): Click to enter text.
- Average depth of the entire water body (feet): Click to enter text.
- Average depth of water body within a 500-foot radius of the discharge point (feet): Click to enter text.

☒ Man-Made Channel or Ditch

☐ Stream or Creek

☐ Freshwater Swamp or Marsh

☐ Tidal Stream, Bayou, or Marsh

☐ Open Bay

☐ Other, specify:

If **Man-Made Channel or Ditch** or **Stream or Creek** were selected above, provide responses to Items 4.c – 4.g below:

c. For **existing discharges**, check the description below that best characterizes the area **upstream** of the discharge.

For **new discharges**, check the description below that best characterizes the area **downstream** of the discharge.

☒ Intermittent (dry for at least one week during most years)

☐ Intermittent with Perennial Pools (enduring pools containing habitat to maintain aquatic life uses)

☐ Perennial (normally flowing)

Check the source(s) of the information used to characterize the area upstream (existing discharge) or downstream (new discharge):

☐ USGS flow records

☒ personal observation

☐ historical observation by adjacent landowner(s)

☐ other, specify: Click to enter text.

d. List the names of all perennial streams that join the receiving water within three miles downstream of the discharge point: Bayport Channel – Segment 2438

e. 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**, describe how: Receiving waters for Outfalls 001-004 discharge to a flood control ditch that discharges into Bayport Channel – Segment 2438. Outfall 001 discharges into a ditch approx. 2550' upstream of the point of discharge into the channel. Outfall 002 discharges into a ditch approx.3500' upstream of the point of discharge into the channel. Outfall 003 discharges into a ditch approx. 2000' upstream of the point of discharge into the channel. Outfall 004discharges into a ditch approx. 3400' upstream of the point of discharge into the channel. Outfall 005 discharges into a ditch approx. 500' upstream of the point of discharge into the channel.

f. General observations of the water body during normal dry weather conditions: Click to enter text.

Date and time of observation: Click to enter text.

g. The water body was influenced by stormwater runoff during observations.

☐ Yes ☒ No

If **yes**, describe how: Click to enter text.

Item 5. General Characteristics of Water Body (Instructions, Page 81)

a. Is the receiving water upstream of the existing discharge or proposed discharge site influenced by any of the following (check all that apply):

☐ oil field activities
☐ agricultural runoff
☐ upstream discharges
☐ urban runoff
☐ septic tanks
☐ other, specify: Click to enter text.

b. Uses of water body observed or evidence of such uses (check all that apply):

☐ livestock watering
☐ non-contact recreation
☐ domestic water supply
☐ contact recreation
☐ fishing
☐ industrial water supply
☐ irrigation withdrawal
☐ navigation
☐ picnic/park activities
☐ other, specify: Click to enter text.

c. Description which best describes the aesthetics of the receiving water and the surrounding area (check only one):

☐ **Wilderness:** outstanding natural beauty; usually wooded or un-pastured area: water clarity exceptional

☐ **Natural Area:** trees or native vegetation common; 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

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: LBC Houston, L.P.

   Permit No. WQ00 02110000 EPA ID No. TX 00075302

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

   11666 Port Road, Seabrook, TX 77586, Harris County (NE intersection of Port Road and Highway 146)

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: Bobby Panepinto

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

Title: Regional Manager, Regulatory Compliance

Mailing Address: 11666 Port Road

City, State, Zip Code: Seabrook, TX 77586

Phone No.: (281) 291-3402 Ext.: Click here to enter text. Fax No.: (281) 291-3428

E-mail Address: b-panepinto@lbctt.com

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

N/A

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

001 – Water flows from drainage ditch along main entrance road to NE of facility into HCFCD F303-00-00, thence into the Bayport Ship Channel. 002 flows into HCFCD F303-00-00, thence runs along southern most point of the facility to the Bayport Ship Channel. 003, and 004 – Each outfall runs along southernmost point of facility to the Bayport Ship Channel. 005 – Water flows east along the northernmost point of the facility into an unnamed ditch then to the Bayport Ship Channel.

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

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

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

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

☐ Sealing caves, fractures, sinkholes, other karst features

☐ Disturbance of vegetation or wetlands

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

No construction is proposed as part of this application.

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

This facility is an existing bulk liquid chemical storage terminal. The entire facility is industrial by nature.

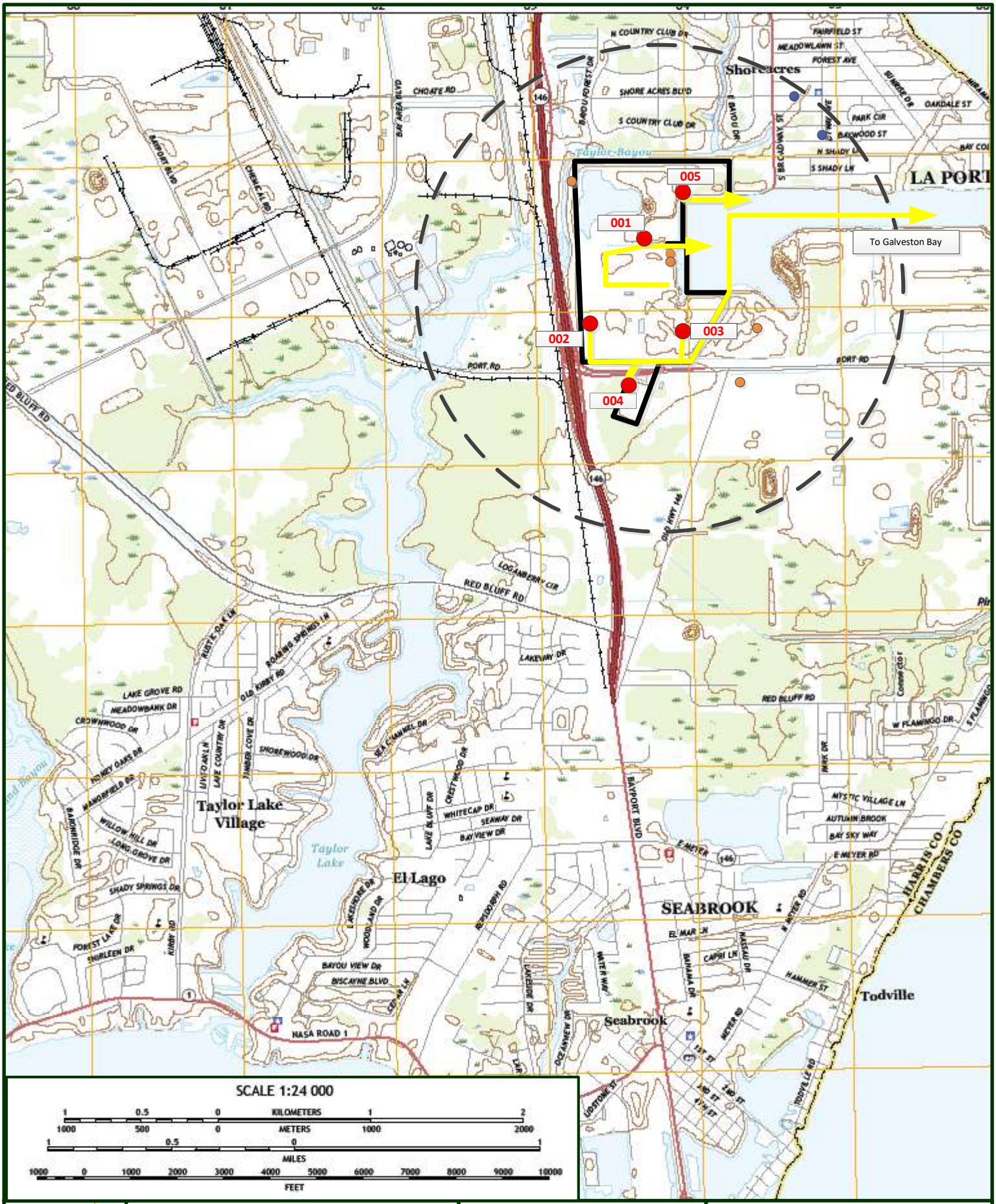
THE FOLLOWING ITEMS APPLY ONLY TO APPLICATIONS FOR NEW TPDES PERMITS AND MAJOR AMENDMENTS TO TPDES PERMITS

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

Construction commented in 1975. Additional tankage, piping, docks and associated facilities have been added since.

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

Terminal construction/site development began in 1975.



ALLIANT ENVIRONMENTAL, LLC
1842 Snake River Rd
Katy, TX 77449
PH: (281)717-4392

USGS Topographic Map
League City Quadrangle 2019
7.5- Minute Seires

Date: 5/3/2019

Drawn By: AK

TPDES Renewal Application
LBC Houston, L.P.

Legend:

- LBC Property Boundary
- Outfall Discharge Route
- Outfall Location
- Monitoring Well
- Groundwater Monitoring Well
- 001 Outfall Number
- One-mile Radius Surrounding LBC Property

Attachment G – Raw Materials List/Products Stored

2-Ethyl Hexyl Nitrate
2-Ethylhexanol
AC-600, Refined Mineral Oil
Acetic Acid
Acetic Anhydride
Acetone
Alkylate
Alkylate H-230L
Arcol Polyol F-3022
Benzene
Biodiesel (B-100)
Butyl Acrylate
Caradol SC56-16
Chevron Bright Stock 150
Chevron Neutral Oil 220R
Crude Acetone
Crude Glycerin
Crude Oil
Cutterstock 1268
Cutterstock 1993
Cyclohexane
D-60
Diethylene Glycol
Diethylene Glycol (Industrial)
Diethylene Glycol (Poly)
Distillate Blendstock
Dowfax 2A1
DPG Low Fragrance
EG Industrial (Standard)
Ethyl Acetate
Ethyl Benzene
Ethylene Glycol Poly (Fiber)
Ethylene Glycol, Antifreeze
Fuel Oil Blendstock
Glycol Ether HB
Glycol Heavy Fraction
Hydroseal G232H
Hydroseal G250H
Hydrotreated Petroleum Middle Distillates
Hydrotreated Petroleum Lithe Distillates
Isobutyl Alcohol
Isobutylene
Isopropyl Alcohol
Jet Fuel (TS)
Kerosene
Light Cycle Oil
Low Sulphur VGO
Methanol
Methylcyclohexane
Methyl Diproxitol
Methyl Ethyl Ketone
Methyl Isobutyl Carbinol
Methyl Isobutyl Ketone
Methyl Proxitol
Methyl Proxitol Acetate
Mineral Oil 350
Monoethylene Glycol
N-Butyl Acetate – Urethane
N-Butyl Alcohol
n-Methyl Pyrrolidone
N-Octylamine
N-Propyl Acetate
N-Propyl Alcohol
Naphtha
ORCHEX 796
Parol 60
PET P 2000
Petroleum Base Oil
Petroleum Naphtha
Propylene Glycol Industrial
Propylene Glycol USP
Propylene Oxide
Recovery Oil
Reformate
RTBA
Shellsol Odorless Min Spirits
Styrene
Tallow
Tallow Amine
TBA Acetone
T-Butyl Acetate
Tetrahydrofuran (THF)
Toluene
Triethylene Glycol
Vacuum Gas Oil (VGO)
Vegetable Oil
Vinyl Acetate
Xylene
XTA 793

10450 Stancliff Rd. Suite 210
Houston, TX 77099
T: +1 281 530 5656
F: +1 281 530 5887

August 26, 2025

Bobby Panepinto
LBC Houston/Baton Rouge
11666 Port Rd.
Seabrook, TX 77586

Work Order: **HS25080559**

Laboratory Results for: **NPDES Permit**

Dear Bobby Panepinto,

ALS Environmental received 5 sample(s) on Aug 12, 2025 for the analysis presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

Generated By: JUMOKE.LAWAL
Sebastian Lugo
Project Manager

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Work Order: HS25080559

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS25080559-01	001	Water		12-Aug-2025 12:30	12-Aug-2025 14:50	☐
HS25080559-02	002	Water		12-Aug-2025 11:35	12-Aug-2025 14:50	☐
HS25080559-03	003	Water		12-Aug-2025 10:35	12-Aug-2025 14:50	☐
HS25080559-04	004	Water		12-Aug-2025 09:45	12-Aug-2025 14:50	☐
HS25080559-05	005	Water		12-Aug-2025 13:30	12-Aug-2025 14:50	☐

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge **CASE NARRATIVE**
Project: NPDES Permit
Work Order: HS25080559

Work Order Comments

- The analysis for Fecal Coliform was subcontracted to Eurofins Built Environment Testing Central, LLC in Pasadena, TX. Final report attached
- Sample received outside method holding time for pH. pH is an immediate test. Sample results are flagged with an "H" qualifier.

  The temperature at the time of pH is reported. Please note that all pH results are already normalized to a temperature of 25 °C.
- Sample received outside method holding time for Residual Chlorine and Oxygen , Dissolved. Chlorine and Oxygen, Dissolved are immediate tests. Samples are flagged with “H” qualifier.

ECD Organics by Method E608

Batch ID: 231801

Sample ID: LCS1-231801

- Insufficient sample received to perform MS/MSD. LCS/LCSD provided as batch quality control.

GC Semivolatiles by Method SW8015

Batch ID: R519669

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

GCMS Semivolatiles by Method E625.1

Batch ID: 231757

Sample ID: 004 (HS25080559-04)

- Surrogate recoveries were outside of the control limits due to matrix interference.

GCMS Volatiles by Method E624.1

Batch ID: R519590

Sample ID: CCV

- Bromomethane was high in CCV, but not detected in associated samples.

Sample ID: LCS

- Insufficient sample received to perform MS/MSD. An LCS/LCSD was performed as batch quality control.

Metals by Method Calculation

Batch ID: R520485

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

Metals by Method E200.8

Batch ID: 232084

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge **CASE NARRATIVE**
Project: NPDES Permit
Work Order: HS25080559

Metals by Method E245.1

Batch ID: 231646

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

Subcontracted by Method NA

Batch ID: R519739

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method M2540D

Batch ID: R519705

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method SM4500 NH3-D

Batch ID: R519786

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method SM4500CL F

Batch ID: R520394

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method E1664A

Batch ID: R520197

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method Hach 8000

Batch ID: R519722

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method SM5310B

Batch ID: R519657

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method M4500-O G

Batch ID: R519549

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method SM4500H+ B

Batch ID: R519552

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge **CASE NARRATIVE**
Project: NPDES Permit
Work Order: HS25080559

WetChemistry by Method E300

Batch ID: R519681

Sample ID: HS25080572-18MS

- MS and MSD are for an unrelated sample (Sulfate)

Sample ID: HS25080598-21MS

- MS and MSD are for an unrelated sample (Sulfate)

Batch ID: R519578

Sample ID: HS25080575-06MS

- MS and MSD are for an unrelated sample (Sulfate)

WetChemistry by Method M2540C

Batch ID: R519612,R519619

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method SW7196

Batch ID: R519597

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method M4500 NH3 D

Batch ID: 231929,R520474

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method E365.3

Batch ID: 231681

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method M4500CN EG

Batch ID: 231680

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method SM5210 B

Batch ID: 231626,231627

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 001
Collection Date: 12-Aug-2025 12:30

ANALYTICAL REPORT
WorkOrder:HS25080559
Lab ID:HS25080559-01
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY EPA 624.1	**Method:E624.1**						Analyst: DP
1,1,1-Trichloroethane	U		0.24	1.0	ug/L	1	13-Aug-2025 13:31
1,1-Dichloroethene	U		0.22	1.0	ug/L	1	13-Aug-2025 13:31
1,2-Dibromoethane	U		0.30	2.0	ug/L	1	13-Aug-2025 13:31
1,2-Dichloroethane	U		0.41	2.0	ug/L	1	13-Aug-2025 13:31
1,4-Dichlorobenzene	U		0.35	2.0	ug/L	1	13-Aug-2025 13:31
2-Butanone	U		1.5	10	ug/L	1	13-Aug-2025 13:31
Benzene	U		0.28	1.0	ug/L	1	13-Aug-2025 13:31
Carbon Tetrachloride	U		0.34	2.0	ug/L	1	13-Aug-2025 13:31
Chlorobenzene	U		0.36	2.0	ug/L	1	13-Aug-2025 13:31
Chloroform	U		0.32	2.0	ug/L	1	13-Aug-2025 13:31
Dibromochloromethane	U		0.39	2.0	ug/L	1	13-Aug-2025 13:31
Hexachlorobutadiene	U		2.5	10	ug/L	1	13-Aug-2025 13:31
Tetrachloroethene	U		0.30	2.0	ug/L	1	13-Aug-2025 13:31
Total Trihalomethanes (TTHMs)	U		1.6	5.0	ug/L	1	13-Aug-2025 13:31
Trichloroethene	U		0.35	2.0	ug/L	1	13-Aug-2025 13:31
Vinyl Chloride	U		0.23	1.0	ug/L	1	13-Aug-2025 13:31
Surr: 1,2-Dichloroethane-d4	*115*			*60-140*	*%REC*	*1*	*13-Aug-2025 13:31*
Surr: 4-Bromofluorobenzene	*109*			*60-140*	*%REC*	*1*	*13-Aug-2025 13:31*
Surr: Dibromofluoromethane	*115*			*80-120*	*%REC*	*1*	*13-Aug-2025 13:31*
Surr: Toluene-d8	*108*			*60-140*	*%REC*	*1*	*13-Aug-2025 13:31*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 001
Collection Date: 12-Aug-2025 12:30

ANALYTICAL REPORT
WorkOrder:HS25080559
Lab ID:HS25080559-01
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
SEMIVOLATILES BY E625.1		**Method:E625.1**			Prep:E625 / 15-Aug-2025		Analyst: GEY
1,2,4,5-Tetrachlorobenzene	U		0.067	0.20	ug/L	1	18-Aug-2025 13:30
2,4,5-Trichlorophenol	U		0.057	0.20	ug/L	1	18-Aug-2025 13:30
2-Methylphenol	U		0.033	0.20	ug/L	1	18-Aug-2025 13:30
3&4-Methylphenol	U		0.044	0.40	ug/L	1	18-Aug-2025 13:30
4,6-Dinitro-2-methylphenol	U		0.37	1.0	ug/L	1	18-Aug-2025 13:30
4-Chloro-3-methylphenol	U		0.073	0.20	ug/L	1	18-Aug-2025 13:30
Benz(a)anthracene	U		0.013	0.10	ug/L	1	18-Aug-2025 13:30
Benzidine	U		0.018	0.20	ug/L	1	18-Aug-2025 13:30
Benzo(a)pyrene	U		0.070	0.10	ug/L	1	18-Aug-2025 13:30
Chrysene	U		0.034	0.10	ug/L	1	18-Aug-2025 13:30
Hexachlorobenzene	U		0.090	0.20	ug/L	1	18-Aug-2025 13:30
Hexachloroethane	U		0.045	0.20	ug/L	1	18-Aug-2025 13:30
N-Nitroso-di-n-butylamine	U		0.12	0.20	ug/L	1	18-Aug-2025 13:30
N-Nitrosodiethylamine	U		0.047	0.20	ug/L	1	18-Aug-2025 13:30
Nitrobenzene	U		0.068	0.20	ug/L	1	18-Aug-2025 13:30
Pentachlorobenzene	U		0.035	0.20	ug/L	1	18-Aug-2025 13:30
Pentachlorophenol	U		0.16	0.20	ug/L	1	18-Aug-2025 13:30
Phenanthrene	U		0.038	0.10	ug/L	1	18-Aug-2025 13:30
Pyridine	**0.12**		**0.088**	**0.10**	**ug/L**	1	18-Aug-2025 13:30
Surr: 2,4,6-Tribromophenol	*58.4*			*34-129*	*%REC*	*1*	*18-Aug-2025 13:30*
Surr: 2-Fluorobiphenyl	*46.4*			*40-125*	*%REC*	*1*	*18-Aug-2025 13:30*
Surr: 2-Fluorophenol	*55.5*			*20-120*	*%REC*	*1*	*18-Aug-2025 13:30*
Surr: 4-Terphenyl-d14	*47.8*			*40-135*	*%REC*	*1*	*18-Aug-2025 13:30*
Surr: Nitrobenzene-d5	*41.2*			*41-120*	*%REC*	*1*	*18-Aug-2025 13:30*
Surr: Phenol-d6	*62.9*			*20-120*	*%REC*	*1*	*18-Aug-2025 13:30*
MISC. GCFID PARAMETERS BY SW8015C		**Method:SW8015**					Analyst: RG
Ethylene Glycol	U		0.13	2.0	mg/L	1	13-Aug-2025 16:14
CHLORINATED PEST/PCBS BY E608		**Method:E608**			Prep:E608 / 18-Aug-2025		Analyst: CC
Aroclor 1016	U		0.200	0.500	ug/L	1	18-Aug-2025 23:06
Aroclor 1221	U		0.200	0.500	ug/L	1	18-Aug-2025 23:06
Aroclor 1232	U		0.200	0.500	ug/L	1	18-Aug-2025 23:06
Aroclor 1242	U		0.200	0.500	ug/L	1	18-Aug-2025 23:06
Aroclor 1248	U		0.200	0.500	ug/L	1	18-Aug-2025 23:06
Aroclor 1254	U		0.200	0.500	ug/L	1	18-Aug-2025 23:06
Aroclor 1260	U		0.200	0.500	ug/L	1	18-Aug-2025 23:06
Surr: Decachlorobiphenyl	*90.2*			*61-154*	*%REC*	*1*	*18-Aug-2025 23:06*
Surr: Tetrachlor-m-xylene	*84.0*			*60-144*	*%REC*	*1*	*18-Aug-2025 23:06*
TRIVALENT CHROMIUM		**Method:Calculation**					Analyst: MSC
Chromium, Trivalent	U	n	0.0100	0.0100	mg/L	1	26-Aug-2025 11:29

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 001
Collection Date: 12-Aug-2025 12:30

ANALYTICAL REPORT
WorkOrder:HS25080559
Lab ID:HS25080559-01
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
TOTAL METALS BY E200.8, REV 5.4, 1994		**Method:E200.8**			Prep:E200.8 / 25-Aug-2025		Analyst: JC
Aluminum	**213**		**0.800**	**10.0**	**ug/L**	1	26-Aug-2025 13:11
Antimony	**0.611**	J	**0.530**	**5.00**	**ug/L**	1	26-Aug-2025 13:11
Arsenic	**1.84**	J	**0.250**	**2.00**	**ug/L**	1	26-Aug-2025 13:11
Barium	**82.6**		**0.0840**	**4.00**	**ug/L**	1	26-Aug-2025 13:11
Beryllium	U		0.0910	5.00	ug/L	1	26-Aug-2025 13:11
Cadmium	**0.0930**	J	**0.0770**	**2.00**	**ug/L**	1	26-Aug-2025 13:11
Chromium	**0.919**	J	**0.251**	**4.00**	**ug/L**	1	26-Aug-2025 13:11
Copper	**5.18**		**0.170**	**2.00**	**ug/L**	1	26-Aug-2025 13:11
Lead	**0.284**	J	**0.120**	**2.00**	**ug/L**	1	26-Aug-2025 13:11
Nickel	**0.982**	J	**0.110**	**2.00**	**ug/L**	1	26-Aug-2025 13:11
Selenium	**1.12**	J	**0.860**	**2.00**	**ug/L**	1	26-Aug-2025 13:11
Silver	U		0.0440	2.00	ug/L	1	26-Aug-2025 13:11
Thallium	U		0.250	2.00	ug/L	1	26-Aug-2025 13:11
Zinc	**18.8**		**1.00**	**4.00**	**ug/L**	1	26-Aug-2025 13:11
MERCURY BY E245.1, R3.0, 1994		**Method:E245.1**			Prep:E245.1 / 13-Aug-2025		Analyst: JS
Mercury	U		0.0000300	0.000200	mg/L	1	13-Aug-2025 15:28
OIL & GREASE BY E1664A		**Method:E1664A**					Analyst: MC
Oil and Grease	**0.952**	J	**0.610**	**2.00**	**mg/L**	1	21-Aug-2025 06:25
ANIONS BY E300.0, REV 2.1, 1993		**Method:E300**					Analyst: TH
Chloride	**1,190**		**4.00**	**10.0**	**mg/L**	20	13-Aug-2025 02:12
Fluoride	**0.380**		**0.0500**	**0.100**	**mg/L**	1	13-Aug-2025 02:06
Nitrogen, Nitrate (As N)	**0.800**		**0.0300**	**0.100**	**mg/L**	1	13-Aug-2025 02:06
Sulfate	**261**		**4.00**	**10.0**	**mg/L**	20	13-Aug-2025 02:12
PHOSPHORUS BY E365.3-1978		**Method:E365.3**			Prep:E365.3 / 14-Aug-2025		Analyst: SG
Phosphorus, Total (As P)	**0.0320**	J	**0.0120**	**0.0500**	**mg/L**	1	14-Aug-2025 13:19
CHEMICAL OXYGEN DEMAND BY HACH 8000		**Method:Hach 8000**					Analyst: TH
Chemical Oxygen Demand	**41.0**		**5.00**	**15.0**	**mg/L**	1	14-Aug-2025 11:00
TOTAL DISSOLVED SOLIDS BY SM2540C		**Method:M2540C**					Analyst: HB
Total Dissolved Solids (Residue, Filterable)	**2,640**		**3.00**	**10.0**	**mg/L**	1	13-Aug-2025 07:30
TOTAL SUSPENDED SOLIDS BY SM 2540D		**Method:M2540D**					Analyst: HB
Suspended Solids (Residue, Non -Filterable)	**4.90**		**1.68**	**4.00**	**mg/L**	1	14-Aug-2025 08:30
ORGANIC NITROGEN BY SM4500-NH3D MINUS NH3F		**Method:M4500 NH3 D**					Analyst: HB
Nitrogen, Organic	**0.52**		**0.50**	**0.50**	**mg/L**	1	26-Aug-2025 09:53
TOTAL KJELDAHL NITROGEN BY SM4500 NH3 D		**Method:M4500 NH3 D**			Prep:M4500-N C / 20-Aug-2025		Analyst: MH
Nitrogen, Total Kjeldahl	**0.96**	J	**0.44**	**1.0**	**mg/L**	1	20-Aug-2025 12:30
CYANIDE BY SM 4500CN E&G		**Method:M4500CN EG**			Prep:M4500CN E&G / 14-Aug-2025		Analyst: SG
Cyanide	**0.00200**	J	**0.00200**	**0.00500**	**mg/L**	1	14-Aug-2025 13:52

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 001
Collection Date: 12-Aug-2025 12:30

ANALYTICAL REPORT
WorkOrder:HS25080559
Lab ID:HS25080559-01
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED OXYGEN BY SM4500-O G		**Method:M4500-O G**					Analyst: OZ
Oxygen, Dissolved	**7.21**	H	**1.00**	**1.00**	**mg/L**	1	12-Aug-2025 17:30
AMMONIA AS N BY SM4500 NH3-D (ISE)		**Method:SM4500 NH3-D**					Analyst: MH
Nitrogen, Ammonia (as N)	**0.443**		**0.0300**	**0.200**	**mg/L**	1	15-Aug-2025 12:00
RESIDUAL CHLORINE BY SM4500CL F		**Method:SM4500CL F**					Analyst: MC
Chlorine	**1.0**	H	**0.10**	**0.10**	**mg/L**	1	25-Aug-2025 13:46
PH BY SM4500H+ B		**Method:SM4500H+ B**					Analyst: OZ
pH	**7.91**	H	**0.100**	**1.00**	**pH Units**	1	12-Aug-2025 17:17
Temp Deg C @pH	**21.9**	H	**0**	**0**	**°C**	1	12-Aug-2025 17:17
BIOCHEMICAL OXYGEN DEMAND (BOD) BY SM5210B		**Method:SM5210 B**			Prep:SM5210 B / 13-Aug-2025		Analyst: OZ
Biochemical Oxygen Demand	**2.32**		**2.00**	**2.00**	**mg/L**	1	18-Aug-2025 16:00
CBOD BY SM5210B		**Method:SM5210 B**			Prep:SM5210 B / 13-Aug-2025		Analyst: OZ
Carbonaceous Biochemical Oxygen Demand	**2.43**		**2.00**	**2.00**	**mg/L**	1	18-Aug-2025 19:00
TOTAL ORGANIC CARBON - SM5310B		**Method:SM5310B**					Analyst: DH
Organic Carbon, Total	**4.56**		**0.500**	**1.00**	**mg/L**	1	13-Aug-2025 10:29
HEXAVALENT CHROMIUM BY SW7196A		**Method:SW7196**					Analyst: MH
Chromium, Hexavalent	U		0.00240	0.0100	mg/L	1	13-Aug-2025 07:50
SUBCONTRACT ANALYSIS - FECAL COLIFORM		**Method:NA**					Analyst: SUB
Subcontract Analysis	See Attached		0			1	15-Aug-2025 08:31

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 002
Collection Date: 12-Aug-2025 11:35

ANALYTICAL REPORT
WorkOrder:HS25080559
Lab ID:HS25080559-02
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY EPA 624.1		**Method:E624.1**					Analyst: DP
1,1,1-Trichloroethane	U		0.24	1.0	ug/L	1	13-Aug-2025 13:55
1,1-Dichloroethene	U		0.22	1.0	ug/L	1	13-Aug-2025 13:55
1,2-Dibromoethane	U		0.30	2.0	ug/L	1	13-Aug-2025 13:55
1,2-Dichloroethane	U		0.41	2.0	ug/L	1	13-Aug-2025 13:55
1,4-Dichlorobenzene	U		0.35	2.0	ug/L	1	13-Aug-2025 13:55
2-Butanone	**3.2**	J	**1.5**	**10**	**ug/L**	1	13-Aug-2025 13:55
Benzene	U		0.28	1.0	ug/L	1	13-Aug-2025 13:55
Carbon Tetrachloride	U		0.34	2.0	ug/L	1	13-Aug-2025 13:55
Chlorobenzene	U		0.36	2.0	ug/L	1	13-Aug-2025 13:55
Chloroform	U		0.32	2.0	ug/L	1	13-Aug-2025 13:55
Dibromochloromethane	U		0.39	2.0	ug/L	1	13-Aug-2025 13:55
Hexachlorobutadiene	U		2.5	10	ug/L	1	13-Aug-2025 13:55
Tetrachloroethene	U		0.30	2.0	ug/L	1	13-Aug-2025 13:55
Total Trihalomethanes (TTHMs)	U		1.6	5.0	ug/L	1	13-Aug-2025 13:55
Trichloroethene	U		0.35	2.0	ug/L	1	13-Aug-2025 13:55
Vinyl Chloride	U		0.23	1.0	ug/L	1	13-Aug-2025 13:55
Surr: 1,2-Dichloroethane-d4	*114*			*60-140*	*%REC*	*1*	*13-Aug-2025 13:55*
Surr: 4-Bromofluorobenzene	*106*			*60-140*	*%REC*	*1*	*13-Aug-2025 13:55*
Surr: Dibromofluoromethane	*111*			*80-120*	*%REC*	*1*	*13-Aug-2025 13:55*
Surr: Toluene-d8	*108*			*60-140*	*%REC*	*1*	*13-Aug-2025 13:55*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 002
Collection Date: 12-Aug-2025 11:35

ANALYTICAL REPORT
WorkOrder:HS25080559
Lab ID:HS25080559-02
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
SEMIVOLATILES BY E625.1		**Method:E625.1**			Prep:E625 / 15-Aug-2025		Analyst: GEY
1,2,4,5-Tetrachlorobenzene	U		0.067	0.20	ug/L	1	18-Aug-2025 13:55
2,4,5-Trichlorophenol	U		0.057	0.20	ug/L	1	18-Aug-2025 13:55
2-Methylphenol	U		0.033	0.20	ug/L	1	18-Aug-2025 13:55
3&4-Methylphenol	U		0.044	0.40	ug/L	1	18-Aug-2025 13:55
4,6-Dinitro-2-methylphenol	U		0.37	1.0	ug/L	1	18-Aug-2025 13:55
4-Chloro-3-methylphenol	U		0.073	0.20	ug/L	1	18-Aug-2025 13:55
Benz(a)anthracene	U		0.013	0.10	ug/L	1	18-Aug-2025 13:55
Benzidine	U		0.018	0.20	ug/L	1	18-Aug-2025 13:55
Benzo(a)pyrene	U		0.070	0.10	ug/L	1	18-Aug-2025 13:55
Chrysene	U		0.034	0.10	ug/L	1	18-Aug-2025 13:55
Hexachlorobenzene	U		0.090	0.20	ug/L	1	18-Aug-2025 13:55
Hexachloroethane	U		0.045	0.20	ug/L	1	18-Aug-2025 13:55
N-Nitroso-di-n-butylamine	U		0.12	0.20	ug/L	1	18-Aug-2025 13:55
N-Nitrosodiethylamine	U		0.047	0.20	ug/L	1	18-Aug-2025 13:55
Nitrobenzene	U		0.068	0.20	ug/L	1	18-Aug-2025 13:55
Pentachlorobenzene	U		0.035	0.20	ug/L	1	18-Aug-2025 13:55
Pentachlorophenol	U		0.16	0.20	ug/L	1	18-Aug-2025 13:55
Phenanthrene	U		0.038	0.10	ug/L	1	18-Aug-2025 13:55
Pyridine	U		0.088	0.10	ug/L	1	18-Aug-2025 13:55
Surr: 2,4,6-Tribromophenol	*53.1*			*34-129*	*%REC*	*1*	*18-Aug-2025 13:55*
Surr: 2-Fluorobiphenyl	*50.4*			*40-125*	*%REC*	*1*	*18-Aug-2025 13:55*
Surr: 2-Fluorophenol	*48.4*			*20-120*	*%REC*	*1*	*18-Aug-2025 13:55*
Surr: 4-Terphenyl-d14	*47.5*			*40-135*	*%REC*	*1*	*18-Aug-2025 13:55*
Surr: Nitrobenzene-d5	*41.2*			*41-120*	*%REC*	*1*	*18-Aug-2025 13:55*
Surr: Phenol-d6	*49.8*			*20-120*	*%REC*	*1*	*18-Aug-2025 13:55*
MISC. GCFID PARAMETERS BY SW8015C		**Method:SW8015**					Analyst: RG
Ethylene Glycol	U		0.13	2.0	mg/L	1	13-Aug-2025 16:30
CHLORINATED PEST/PCBS BY E608		**Method:E608**			Prep:E608 / 18-Aug-2025		Analyst: CC
Aroclor 1016	U		0.200	0.500	ug/L	1	18-Aug-2025 23:16
Aroclor 1221	U		0.200	0.500	ug/L	1	18-Aug-2025 23:16
Aroclor 1232	U		0.200	0.500	ug/L	1	18-Aug-2025 23:16
Aroclor 1242	U		0.200	0.500	ug/L	1	18-Aug-2025 23:16
Aroclor 1248	U		0.200	0.500	ug/L	1	18-Aug-2025 23:16
Aroclor 1254	U		0.200	0.500	ug/L	1	18-Aug-2025 23:16
Aroclor 1260	U		0.200	0.500	ug/L	1	18-Aug-2025 23:16
Surr: Decachlorobiphenyl	*91.4*			*61-154*	*%REC*	*1*	*18-Aug-2025 23:16*
Surr: Tetrachlor-m-xylene	*87.0*			*60-144*	*%REC*	*1*	*18-Aug-2025 23:16*
TRIVALENT CHROMIUM		**Method:Calculation**					Analyst: MSC
Chromium, Trivalent	U	n	0.0100	0.0100	mg/L	1	26-Aug-2025 11:29

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 002
Collection Date: 12-Aug-2025 11:35

ANALYTICAL REPORT
WorkOrder:HS25080559
Lab ID:HS25080559-02
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
TOTAL METALS BY E200.8, REV 5.4, 1994		**Method:E200.8**			Prep:E200.8 / 25-Aug-2025		Analyst: JC
Aluminum	**556**		**0.800**	**10.0**	**ug/L**	1	26-Aug-2025 13:13
Antimony	U		0.530	5.00	ug/L	1	26-Aug-2025 13:13
Arsenic	**1.62**	J	**0.250**	**2.00**	**ug/L**	1	26-Aug-2025 13:13
Barium	**53.5**		**0.0840**	**4.00**	**ug/L**	1	26-Aug-2025 13:13
Beryllium	U		0.0910	5.00	ug/L	1	26-Aug-2025 13:13
Cadmium	U		0.0770	2.00	ug/L	1	26-Aug-2025 13:13
Chromium	**2.12**	J	**0.251**	**4.00**	**ug/L**	1	26-Aug-2025 13:13
Copper	**3.20**		**0.170**	**2.00**	**ug/L**	1	26-Aug-2025 13:13
Lead	**1.05**	J	**0.120**	**2.00**	**ug/L**	1	26-Aug-2025 13:13
Nickel	**1.21**	J	**0.110**	**2.00**	**ug/L**	1	26-Aug-2025 13:13
Selenium	U		0.860	2.00	ug/L	1	26-Aug-2025 13:13
Silver	U		0.0440	2.00	ug/L	1	26-Aug-2025 13:13
Thallium	U		0.250	2.00	ug/L	1	26-Aug-2025 13:13
Zinc	**19.8**		**1.00**	**4.00**	**ug/L**	1	26-Aug-2025 13:13
MERCURY BY E245.1, R3.0, 1994		**Method:E245.1**			Prep:E245.1 / 13-Aug-2025		Analyst: JS
Mercury	U		0.0000300	0.000200	mg/L	1	13-Aug-2025 15:33
OIL & GREASE BY E1664A		**Method:E1664A**					Analyst: MC
Oil and Grease	**4.76**		**0.610**	**2.00**	**mg/L**	1	21-Aug-2025 06:25
ANIONS BY E300.0, REV 2.1, 1993		**Method:E300**					Analyst: TH
Chloride	**12.8**		**0.200**	**0.500**	**mg/L**	1	13-Aug-2025 02:29
Fluoride	**0.560**		**0.0500**	**0.100**	**mg/L**	1	13-Aug-2025 02:29
Nitrogen, Nitrate (As N)	**0.960**		**0.0300**	**0.100**	**mg/L**	1	13-Aug-2025 02:29
Sulfate	**140**		**1.00**	**2.50**	**mg/L**	5	13-Aug-2025 17:57
PHOSPHORUS BY E365.3-1978		**Method:E365.3**			Prep:E365.3 / 14-Aug-2025		Analyst: SG
Phosphorus, Total (As P)	**0.0540**		**0.0120**	**0.0500**	**mg/L**	1	14-Aug-2025 13:19
CHEMICAL OXYGEN DEMAND BY HACH 8000		**Method:Hach 8000**					Analyst: TH
Chemical Oxygen Demand	**16.0**		**5.00**	**15.0**	**mg/L**	1	14-Aug-2025 11:00
TOTAL DISSOLVED SOLIDS BY SM2540C		**Method:M2540C**					Analyst: HB
Total Dissolved Solids (Residue, Filterable)	**282**		**3.00**	**10.0**	**mg/L**	1	13-Aug-2025 07:30
TOTAL SUSPENDED SOLIDS BY SM 2540D		**Method:M2540D**					Analyst: HB
Suspended Solids (Residue, Non -Filterable)	**43.3**		**1.68**	**4.00**	**mg/L**	1	14-Aug-2025 08:30
ORGANIC NITROGEN BY SM4500-NH3D MINUS NH3F		**Method:M4500 NH3 D**					Analyst: HB
Nitrogen, Organic	U		0.50	0.50	mg/L	1	26-Aug-2025 09:53
TOTAL KJELDAHL NITROGEN BY SM4500 NH3 D		**Method:M4500 NH3 D**			Prep:M4500-N C / 20-Aug-2025		Analyst: MH
Nitrogen, Total Kjeldahl	**0.80**	J	**0.44**	**1.0**	**mg/L**	1	20-Aug-2025 12:30
CYANIDE BY SM 4500CN E&G		**Method:M4500CN EG**			Prep:M4500CN E&G / 14-Aug-2025		Analyst: SG
Cyanide	**0.00200**	J	**0.00200**	**0.00500**	**mg/L**	1	14-Aug-2025 13:52

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 002
Collection Date: 12-Aug-2025 11:35

ANALYTICAL REPORT
WorkOrder:HS25080559
Lab ID:HS25080559-02
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED OXYGEN BY SM4500-O G		**Method:M4500-O G**					Analyst: OZ
Oxygen, Dissolved	**8.24**	H	**1.00**	**1.00**	**mg/L**	1	12-Aug-2025 17:30
AMMONIA AS N BY SM4500 NH3-D (ISE)		**Method:SM4500 NH3-D**					Analyst: MH
Nitrogen, Ammonia (as N)	**0.346**		**0.0300**	**0.200**	**mg/L**	1	15-Aug-2025 12:00
RESIDUAL CHLORINE BY SM4500CL F		**Method:SM4500CL F**					Analyst: MC
Chlorine	U	H	0.10	0.10	mg/L	1	25-Aug-2025 13:46
PH BY SM4500H+ B		**Method:SM4500H+ B**					Analyst: OZ
pH	**8.19**	H	**0.100**	**1.00**	**pH Units**	1	12-Aug-2025 17:20
Temp Deg C @pH	**21.4**	H	**0**	**0**	**°C**	1	12-Aug-2025 17:20
BIOCHEMICAL OXYGEN DEMAND (BOD) BY SM5210B		**Method:SM5210 B**			Prep:SM5210 B / 13-Aug-2025		Analyst: OZ
Biochemical Oxygen Demand	**5.80**		**2.00**	**2.00**	**mg/L**	1	18-Aug-2025 16:00
CBOD BY SM5210B		**Method:SM5210 B**			Prep:SM5210 B / 13-Aug-2025		Analyst: OZ
Carbonaceous Biochemical Oxygen Demand	**3.09**		**2.00**	**2.00**	**mg/L**	1	18-Aug-2025 19:00
TOTAL ORGANIC CARBON - SM5310B		**Method:SM5310B**					Analyst: DH
Organic Carbon, Total	**4.65**		**0.500**	**1.00**	**mg/L**	1	13-Aug-2025 10:51
HEXAVALENT CHROMIUM BY SW7196A		**Method:SW7196**					Analyst: MH
Chromium, Hexavalent	**0.00500**	J	**0.00240**	**0.0100**	**mg/L**	1	13-Aug-2025 07:50
SUBCONTRACT ANALYSIS - FECAL COLIFORM		**Method:NA**					Analyst: SUB
Subcontract Analysis	See Attached		0			1	15-Aug-2025 08:31

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 003
Collection Date: 12-Aug-2025 10:35

ANALYTICAL REPORT
WorkOrder:HS25080559
Lab ID:HS25080559-03
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY EPA 624.1		**Method:E624.1**					Analyst: DP
1,1,1-Trichloroethane	U		0.24	1.0	ug/L	1	13-Aug-2025 14:19
1,1-Dichloroethene	U		0.22	1.0	ug/L	1	13-Aug-2025 14:19
1,2-Dibromoethane	U		0.30	2.0	ug/L	1	13-Aug-2025 14:19
1,2-Dichloroethane	U		0.41	2.0	ug/L	1	13-Aug-2025 14:19
1,4-Dichlorobenzene	U		0.35	2.0	ug/L	1	13-Aug-2025 14:19
2-Butanone	**5.0**	J	**1.5**	**10**	**ug/L**	1	13-Aug-2025 14:19
Benzene	U		0.28	1.0	ug/L	1	13-Aug-2025 14:19
Carbon Tetrachloride	U		0.34	2.0	ug/L	1	13-Aug-2025 14:19
Chlorobenzene	U		0.36	2.0	ug/L	1	13-Aug-2025 14:19
Chloroform	U		0.32	2.0	ug/L	1	13-Aug-2025 14:19
Dibromochloromethane	U		0.39	2.0	ug/L	1	13-Aug-2025 14:19
Hexachlorobutadiene	U		2.5	10	ug/L	1	13-Aug-2025 14:19
Tetrachloroethene	U		0.30	2.0	ug/L	1	13-Aug-2025 14:19
Total Trihalomethanes (TTHMs)	U		1.6	5.0	ug/L	1	13-Aug-2025 14:19
Trichloroethene	U		0.35	2.0	ug/L	1	13-Aug-2025 14:19
Vinyl Chloride	U		0.23	1.0	ug/L	1	13-Aug-2025 14:19
Surr: 1,2-Dichloroethane-d4	*111*			*60-140*	*%REC*	*1*	*13-Aug-2025 14:19*
Surr: 4-Bromofluorobenzene	*108*			*60-140*	*%REC*	*1*	*13-Aug-2025 14:19*
Surr: Dibromofluoromethane	*111*			*80-120*	*%REC*	*1*	*13-Aug-2025 14:19*
Surr: Toluene-d8	*111*			*60-140*	*%REC*	*1*	*13-Aug-2025 14:19*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 003
Collection Date: 12-Aug-2025 10:35

ANALYTICAL REPORT
WorkOrder:HS25080559
Lab ID:HS25080559-03
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
SEMIVOLATILES BY E625.1		**Method:E625.1**			Prep:E625 / 15-Aug-2025		Analyst: GEY
1,2,4,5-Tetrachlorobenzene	U		0.067	0.20	ug/L	1	18-Aug-2025 14:19
2,4,5-Trichlorophenol	U		0.057	0.20	ug/L	1	18-Aug-2025 14:19
2-Methylphenol	U		0.033	0.20	ug/L	1	18-Aug-2025 14:19
3&4-Methylphenol	U		0.044	0.40	ug/L	1	18-Aug-2025 14:19
4,6-Dinitro-2-methylphenol	U		0.37	1.0	ug/L	1	18-Aug-2025 14:19
4-Chloro-3-methylphenol	U		0.073	0.20	ug/L	1	18-Aug-2025 14:19
Benz(a)anthracene	U		0.013	0.10	ug/L	1	18-Aug-2025 14:19
Benzidine	U		0.018	0.20	ug/L	1	18-Aug-2025 14:19
Benzo(a)pyrene	U		0.070	0.10	ug/L	1	18-Aug-2025 14:19
Chrysene	U		0.034	0.10	ug/L	1	18-Aug-2025 14:19
Hexachlorobenzene	U		0.090	0.20	ug/L	1	18-Aug-2025 14:19
Hexachloroethane	U		0.045	0.20	ug/L	1	18-Aug-2025 14:19
N-Nitroso-di-n-butylamine	U		0.12	0.20	ug/L	1	18-Aug-2025 14:19
N-Nitrosodiethylamine	U		0.047	0.20	ug/L	1	18-Aug-2025 14:19
Nitrobenzene	U		0.068	0.20	ug/L	1	18-Aug-2025 14:19
Pentachlorobenzene	U		0.035	0.20	ug/L	1	18-Aug-2025 14:19
Pentachlorophenol	U		0.16	0.20	ug/L	1	18-Aug-2025 14:19
Phenanthrene	U		0.038	0.10	ug/L	1	18-Aug-2025 14:19
Pyridine	U		0.088	0.10	ug/L	1	18-Aug-2025 14:19
Surr: 2,4,6-Tribromophenol	*60.7*			*34-129*	*%REC*	*1*	*18-Aug-2025 14:19*
Surr: 2-Fluorobiphenyl	*47.5*			*40-125*	*%REC*	*1*	*18-Aug-2025 14:19*
Surr: 2-Fluorophenol	*58.1*			*20-120*	*%REC*	*1*	*18-Aug-2025 14:19*
Surr: 4-Terphenyl-d14	*50.3*			*40-135*	*%REC*	*1*	*18-Aug-2025 14:19*
Surr: Nitrobenzene-d5	*41.3*			*41-120*	*%REC*	*1*	*18-Aug-2025 14:19*
Surr: Phenol-d6	*56.2*			*20-120*	*%REC*	*1*	*18-Aug-2025 14:19*
MISC. GCFID PARAMETERS BY SW8015C		**Method:SW8015**					Analyst: RG
Ethylene Glycol	**5.4**		**0.13**	**2.0**	**mg/L**	1	13-Aug-2025 16:46
CHLORINATED PEST/PCBS BY E608		**Method:E608**			Prep:E608 / 18-Aug-2025		Analyst: CC
Aroclor 1016	U		0.200	0.500	ug/L	1	18-Aug-2025 23:27
Aroclor 1221	U		0.200	0.500	ug/L	1	18-Aug-2025 23:27
Aroclor 1232	U		0.200	0.500	ug/L	1	18-Aug-2025 23:27
Aroclor 1242	U		0.200	0.500	ug/L	1	18-Aug-2025 23:27
Aroclor 1248	U		0.200	0.500	ug/L	1	18-Aug-2025 23:27
Aroclor 1254	U		0.200	0.500	ug/L	1	18-Aug-2025 23:27
Aroclor 1260	U		0.200	0.500	ug/L	1	18-Aug-2025 23:27
Surr: Decachlorobiphenyl	*92.2*			*61-154*	*%REC*	*1*	*18-Aug-2025 23:27*
Surr: Tetrachlor-m-xylene	*87.9*			*60-144*	*%REC*	*1*	*18-Aug-2025 23:27*
TRIVALENT CHROMIUM		**Method:Calculation**					Analyst: MSC
Chromium, Trivalent	U	n	0.0100	0.0100	mg/L	1	26-Aug-2025 11:29

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 003
Collection Date: 12-Aug-2025 10:35

ANALYTICAL REPORT
WorkOrder:HS25080559
Lab ID:HS25080559-03
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
TOTAL METALS BY E200.8, REV 5.4, 1994		**Method:E200.8**			Prep:E200.8 / 25-Aug-2025		Analyst: JC
Aluminum	**406**		**0.800**	**10.0**	**ug/L**	1	26-Aug-2025 13:15
Antimony	**0.662**	J	**0.530**	**5.00**	**ug/L**	1	26-Aug-2025 13:15
Arsenic	**1.43**	J	**0.250**	**2.00**	**ug/L**	1	26-Aug-2025 13:15
Barium	**31.1**		**0.0840**	**4.00**	**ug/L**	1	26-Aug-2025 13:15
Beryllium	**0.102**	J	**0.0910**	**5.00**	**ug/L**	1	26-Aug-2025 13:15
Cadmium	**0.260**	J	**0.0770**	**2.00**	**ug/L**	1	26-Aug-2025 13:15
Chromium	**2.02**	J	**0.251**	**4.00**	**ug/L**	1	26-Aug-2025 13:15
Copper	**5.92**		**0.170**	**2.00**	**ug/L**	1	26-Aug-2025 13:15
Lead	**1.28**	J	**0.120**	**2.00**	**ug/L**	1	26-Aug-2025 13:15
Nickel	**1.40**	J	**0.110**	**2.00**	**ug/L**	1	26-Aug-2025 13:15
Selenium	U		0.860	2.00	ug/L	1	26-Aug-2025 13:15
Silver	U		0.0440	2.00	ug/L	1	26-Aug-2025 13:15
Thallium	U		0.250	2.00	ug/L	1	26-Aug-2025 13:15
Zinc	**73.7**		**1.00**	**4.00**	**ug/L**	1	26-Aug-2025 13:15
MERCURY BY E245.1, R3.0, 1994		**Method:E245.1**			Prep:E245.1 / 13-Aug-2025		Analyst: JS
Mercury	U		0.0000300	0.000200	mg/L	1	13-Aug-2025 15:34
OIL & GREASE BY E1664A		**Method:E1664A**					Analyst: MC
Oil and Grease	**0.930**	J	**0.610**	**2.00**	**mg/L**	1	21-Aug-2025 06:25
ANIONS BY E300.0, REV 2.1, 1993		**Method:E300**					Analyst: TH
Chloride	**9.85**		**0.200**	**0.500**	**mg/L**	1	13-Aug-2025 02:35
Fluoride	**0.885**		**0.0500**	**0.100**	**mg/L**	1	13-Aug-2025 02:35
Nitrogen, Nitrate (As N)	**0.556**		**0.0300**	**0.100**	**mg/L**	1	13-Aug-2025 02:35
Sulfate	**33.5**		**0.200**	**0.500**	**mg/L**	1	13-Aug-2025 02:35
PHOSPHORUS BY E365.3-1978		**Method:E365.3**			Prep:E365.3 / 14-Aug-2025		Analyst: SG
Phosphorus, Total (As P)	**0.0660**		**0.0120**	**0.0500**	**mg/L**	1	14-Aug-2025 13:19
CHEMICAL OXYGEN DEMAND BY HACH 8000		**Method:Hach 8000**					Analyst: TH
Chemical Oxygen Demand	**25.0**		**5.00**	**15.0**	**mg/L**	1	14-Aug-2025 11:00
TOTAL DISSOLVED SOLIDS BY SM2540C		**Method:M2540C**					Analyst: HB
Total Dissolved Solids (Residue, Filterable)	**786**		**3.00**	**10.0**	**mg/L**	1	13-Aug-2025 09:30
TOTAL SUSPENDED SOLIDS BY SM 2540D		**Method:M2540D**					Analyst: HB
Suspended Solids (Residue, Non -Filterable)	**23.8**		**1.68**	**4.00**	**mg/L**	1	14-Aug-2025 08:30
ORGANIC NITROGEN BY SM4500-NH3D MINUS NH3F		**Method:M4500 NH3 D**					Analyst: HB
Nitrogen, Organic	U		0.50	0.50	mg/L	1	26-Aug-2025 09:53
TOTAL KJELDAHL NITROGEN BY SM4500 NH3 D		**Method:M4500 NH3 D**			Prep:M4500-N C / 20-Aug-2025		Analyst: MH
Nitrogen, Total Kjeldahl	**0.78**	J	**0.44**	**1.0**	**mg/L**	1	20-Aug-2025 12:30
CYANIDE BY SM 4500CN E&G		**Method:M4500CN EG**			Prep:M4500CN E&G / 14-Aug-2025		Analyst: SG
Cyanide	**0.00300**	J	**0.00200**	**0.00500**	**mg/L**	1	14-Aug-2025 13:52

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 003
Collection Date: 12-Aug-2025 10:35

ANALYTICAL REPORT
WorkOrder:HS25080559
Lab ID:HS25080559-03
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED OXYGEN BY SM4500-O G		**Method:M4500-O G**					Analyst: OZ
Oxygen, Dissolved	**7.89**	H	**1.00**	**1.00**	**mg/L**	1	12-Aug-2025 17:30
AMMONIA AS N BY SM4500 NH3-D (ISE)		**Method:SM4500 NH3-D**					Analyst: MH
Nitrogen, Ammonia (as N)	**0.427**		**0.0300**	**0.200**	**mg/L**	1	15-Aug-2025 12:00
RESIDUAL CHLORINE BY SM4500CL F		**Method:SM4500CL F**					Analyst: MC
Chlorine	U	H	0.10	0.10	mg/L	1	25-Aug-2025 13:46
PH BY SM4500H+ B		**Method:SM4500H+ B**					Analyst: OZ
pH	**8.40**	H	**0.100**	**1.00**	**pH Units**	1	12-Aug-2025 17:22
Temp Deg C @pH	**20.6**	H	**0**	**0**	**°C**	1	12-Aug-2025 17:22
BIOCHEMICAL OXYGEN DEMAND (BOD) BY SM5210B		**Method:SM5210 B**			Prep:SM5210 B / 13-Aug-2025		Analyst: OZ
Biochemical Oxygen Demand	**5.14**		**2.00**	**2.00**	**mg/L**	1	18-Aug-2025 16:00
CBOD BY SM5210B		**Method:SM5210 B**			Prep:SM5210 B / 13-Aug-2025		Analyst: OZ
Carbonaceous Biochemical Oxygen Demand	**4.57**		**2.00**	**2.00**	**mg/L**	1	18-Aug-2025 19:00
TOTAL ORGANIC CARBON - SM5310B		**Method:SM5310B**					Analyst: DH
Organic Carbon, Total	**6.74**		**0.500**	**1.00**	**mg/L**	1	13-Aug-2025 11:55
HEXAVALENT CHROMIUM BY SW7196A		**Method:SW7196**					Analyst: MH
Chromium, Hexavalent	U		0.00240	0.0100	mg/L	1	13-Aug-2025 07:50
SUBCONTRACT ANALYSIS - FECAL COLIFORM		**Method:NA**					Analyst: SUB
Subcontract Analysis	See Attached		0			1	15-Aug-2025 08:31

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 004
Collection Date: 12-Aug-2025 09:45

ANALYTICAL REPORT
WorkOrder:HS25080559
Lab ID:HS25080559-04
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY EPA 624.1	**Method:E624.1**						Analyst: DP
1,1,1-Trichloroethane	U		0.24	1.0	ug/L	1	13-Aug-2025 14:43
1,1-Dichloroethene	U		0.22	1.0	ug/L	1	13-Aug-2025 14:43
1,2-Dibromoethane	U		0.30	2.0	ug/L	1	13-Aug-2025 14:43
1,2-Dichloroethane	U		0.41	2.0	ug/L	1	13-Aug-2025 14:43
1,4-Dichlorobenzene	U		0.35	2.0	ug/L	1	13-Aug-2025 14:43
2-Butanone	**4.2**	J	**1.5**	**10**	**ug/L**	1	13-Aug-2025 14:43
Benzene	U		0.28	1.0	ug/L	1	13-Aug-2025 14:43
Carbon Tetrachloride	U		0.34	2.0	ug/L	1	13-Aug-2025 14:43
Chlorobenzene	U		0.36	2.0	ug/L	1	13-Aug-2025 14:43
Chloroform	U		0.32	2.0	ug/L	1	13-Aug-2025 14:43
Dibromochloromethane	U		0.39	2.0	ug/L	1	13-Aug-2025 14:43
Hexachlorobutadiene	U		2.5	10	ug/L	1	13-Aug-2025 14:43
Tetrachloroethene	U		0.30	2.0	ug/L	1	13-Aug-2025 14:43
Total Trihalomethanes (TTHMs)	U		1.6	5.0	ug/L	1	13-Aug-2025 14:43
Trichloroethene	U		0.35	2.0	ug/L	1	13-Aug-2025 14:43
Vinyl Chloride	U		0.23	1.0	ug/L	1	13-Aug-2025 14:43
Surr: 1,2-Dichloroethane-d4	*107*			*60-140*	*%REC*	*1*	*13-Aug-2025 14:43*
Surr: 4-Bromofluorobenzene	*107*			*60-140*	*%REC*	*1*	*13-Aug-2025 14:43*
Surr: Dibromofluoromethane	*109*			*80-120*	*%REC*	*1*	*13-Aug-2025 14:43*
Surr: Toluene-d8	*108*			*60-140*	*%REC*	*1*	*13-Aug-2025 14:43*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 004
Collection Date: 12-Aug-2025 09:45

ANALYTICAL REPORT
WorkOrder:HS25080559
Lab ID:HS25080559-04
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
SEMIVOLATILES BY E625.1		**Method:E625.1**			Prep:E625 / 15-Aug-2025		Analyst: GEY
1,2,4,5-Tetrachlorobenzene	U		0.067	0.20	ug/L	1	18-Aug-2025 14:44
2,4,5-Trichlorophenol	U		0.057	0.20	ug/L	1	18-Aug-2025 14:44
2-Methylphenol	U		0.033	0.20	ug/L	1	18-Aug-2025 14:44
3&4-Methylphenol	U		0.044	0.40	ug/L	1	18-Aug-2025 14:44
4,6-Dinitro-2-methylphenol	U		0.37	1.0	ug/L	1	18-Aug-2025 14:44
4-Chloro-3-methylphenol	U		0.073	0.20	ug/L	1	18-Aug-2025 14:44
Benz(a)anthracene	U		0.013	0.10	ug/L	1	18-Aug-2025 14:44
Benzidine	U		0.018	0.20	ug/L	1	18-Aug-2025 14:44
Benzo(a)pyrene	U		0.070	0.10	ug/L	1	18-Aug-2025 14:44
Chrysene	U		0.034	0.10	ug/L	1	18-Aug-2025 14:44
Hexachlorobenzene	U		0.090	0.20	ug/L	1	18-Aug-2025 14:44
Hexachloroethane	U		0.045	0.20	ug/L	1	18-Aug-2025 14:44
N-Nitroso-di-n-butylamine	U		0.12	0.20	ug/L	1	18-Aug-2025 14:44
N-Nitrosodiethylamine	U		0.047	0.20	ug/L	1	18-Aug-2025 14:44
Nitrobenzene	U		0.068	0.20	ug/L	1	18-Aug-2025 14:44
Pentachlorobenzene	U		0.035	0.20	ug/L	1	18-Aug-2025 14:44
Pentachlorophenol	U		0.16	0.20	ug/L	1	18-Aug-2025 14:44
Phenanthrene	U		0.038	0.10	ug/L	1	18-Aug-2025 14:44
Pyridine	U		0.088	0.10	ug/L	1	18-Aug-2025 14:44
Surr: 2,4,6-Tribromophenol	*59.2*			*34-129*	*%REC*	*1*	*18-Aug-2025 14:44*
Surr: 2-Fluorobiphenyl	*49.2*			*40-125*	*%REC*	*1*	*18-Aug-2025 14:44*
Surr: 2-Fluorophenol	*57.5*			*20-120*	*%REC*	*1*	*18-Aug-2025 14:44*
Surr: 4-Terphenyl-d14	*50.4*			*40-135*	*%REC*	*1*	*18-Aug-2025 14:44*
Surr: Nitrobenzene-d5	*40.8*	*S*		*41-120*	*%REC*	*1*	*18-Aug-2025 14:44*
Surr: Phenol-d6	*60.0*			*20-120*	*%REC*	*1*	*18-Aug-2025 14:44*
MISC. GCFID PARAMETERS BY SW8015C		**Method:SW8015**					Analyst: RG
Ethylene Glycol	**5.8**		**0.13**	**2.0**	**mg/L**	1	13-Aug-2025 17:35
CHLORINATED PEST/PCBS BY E608		**Method:E608**			Prep:E608 / 18-Aug-2025		Analyst: CC
Aroclor 1016	U		0.200	0.500	ug/L	1	18-Aug-2025 23:38
Aroclor 1221	U		0.200	0.500	ug/L	1	18-Aug-2025 23:38
Aroclor 1232	U		0.200	0.500	ug/L	1	18-Aug-2025 23:38
Aroclor 1242	U		0.200	0.500	ug/L	1	18-Aug-2025 23:38
Aroclor 1248	U		0.200	0.500	ug/L	1	18-Aug-2025 23:38
Aroclor 1254	U		0.200	0.500	ug/L	1	18-Aug-2025 23:38
Aroclor 1260	U		0.200	0.500	ug/L	1	18-Aug-2025 23:38
Surr: Decachlorobiphenyl	*84.8*			*61-154*	*%REC*	*1*	*18-Aug-2025 23:38*
Surr: Tetrachlor-m-xylene	*87.3*			*60-144*	*%REC*	*1*	*18-Aug-2025 23:38*
TRIVALENT CHROMIUM		**Method:Calculation**					Analyst: MSC
Chromium, Trivalent	U	n	0.0100	0.0100	mg/L	1	26-Aug-2025 11:29

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 004
Collection Date: 12-Aug-2025 09:45

ANALYTICAL REPORT
WorkOrder:HS25080559
Lab ID:HS25080559-04
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
TOTAL METALS BY E200.8, REV 5.4, 1994		**Method:E200.8**			Prep:E200.8 / 25-Aug-2025		Analyst: JC
Aluminum	**2,530**		**16.0**	**200**	**ug/L**	20	26-Aug-2025 13:53
Antimony	**1.04**	J	**0.530**	**5.00**	**ug/L**	1	26-Aug-2025 13:17
Arsenic	**8.02**		**0.250**	**2.00**	**ug/L**	1	26-Aug-2025 13:17
Barium	**73.7**		**0.0840**	**4.00**	**ug/L**	1	26-Aug-2025 13:17
Beryllium	**0.986**	J	**0.0910**	**5.00**	**ug/L**	1	26-Aug-2025 13:17
Cadmium	**0.155**	J	**0.0770**	**2.00**	**ug/L**	1	26-Aug-2025 13:17
Chromium	**9.67**		**0.251**	**4.00**	**ug/L**	1	26-Aug-2025 13:17
Copper	**24.5**		**0.170**	**2.00**	**ug/L**	1	26-Aug-2025 13:17
Lead	**6.51**		**0.120**	**2.00**	**ug/L**	1	26-Aug-2025 13:17
Nickel	**6.40**		**0.110**	**2.00**	**ug/L**	1	26-Aug-2025 13:17
Selenium	U		0.860	2.00	ug/L	1	26-Aug-2025 13:17
Silver	**0.0610**	J	**0.0440**	**2.00**	**ug/L**	1	26-Aug-2025 13:17
Thallium	U		0.250	2.00	ug/L	1	26-Aug-2025 13:17
Zinc	**98.9**		**1.00**	**4.00**	**ug/L**	1	26-Aug-2025 13:17
MERCURY BY E245.1, R3.0, 1994		**Method:E245.1**			Prep:E245.1 / 13-Aug-2025		Analyst: JS
Mercury	U		0.0000300	0.000200	mg/L	1	13-Aug-2025 15:36
OIL & GREASE BY E1664A		**Method:E1664A**					Analyst: MC
Oil and Grease	**1.00**	J	**0.610**	**2.00**	**mg/L**	1	21-Aug-2025 06:25
ANIONS BY E300.0, REV 2.1, 1993		**Method:E300**					Analyst: TH
Chloride	**19.1**		**0.200**	**0.500**	**mg/L**	1	13-Aug-2025 02:41
Fluoride	**0.438**		**0.0500**	**0.100**	**mg/L**	1	13-Aug-2025 02:41
Nitrogen, Nitrate (As N)	**0.538**		**0.0300**	**0.100**	**mg/L**	1	13-Aug-2025 02:41
Sulfate	**64.1**		**0.200**	**0.500**	**mg/L**	1	13-Aug-2025 02:41
PHOSPHORUS BY E365.3-1978		**Method:E365.3**			Prep:E365.3 / 14-Aug-2025		Analyst: SG
Phosphorus, Total (As P)	**0.359**		**0.0120**	**0.0500**	**mg/L**	1	14-Aug-2025 13:19
CHEMICAL OXYGEN DEMAND BY HACH 8000		**Method:Hach 8000**					Analyst: TH
Chemical Oxygen Demand	**27.0**		**5.00**	**15.0**	**mg/L**	1	14-Aug-2025 11:00
TOTAL DISSOLVED SOLIDS BY SM2540C		**Method:M2540C**					Analyst: HB
Total Dissolved Solids (Residue, Filterable)	**222**		**3.00**	**10.0**	**mg/L**	1	13-Aug-2025 09:30
TOTAL SUSPENDED SOLIDS BY SM 2540D		**Method:M2540D**					Analyst: HB
Suspended Solids (Residue, Non -Filterable)	**199**		**1.68**	**4.00**	**mg/L**	1	14-Aug-2025 08:30
ORGANIC NITROGEN BY SM4500-NH3D MINUS NH3F		**Method:M4500 NH3 D**					Analyst: HB
Nitrogen, Organic	**0.69**		**0.50**	**0.50**	**mg/L**	1	26-Aug-2025 09:53
TOTAL KJELDAHL NITROGEN BY SM4500 NH3 D		**Method:M4500 NH3 D**			Prep:M4500-N C / 20-Aug-2025		Analyst: MH
Nitrogen, Total Kjeldahl	**1.3**		**0.44**	**1.0**	**mg/L**	1	20-Aug-2025 12:30
CYANIDE BY SM 4500CN E&G		**Method:M4500CN EG**			Prep:M4500CN E&G / 14-Aug-2025		Analyst: SG
Cyanide	**0.00200**	J	**0.00200**	**0.00500**	**mg/L**	1	14-Aug-2025 13:52

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 004
Collection Date: 12-Aug-2025 09:45

ANALYTICAL REPORT
WorkOrder:HS25080559
Lab ID:HS25080559-04
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED OXYGEN BY SM4500-O G		**Method:M4500-O G**					Analyst: OZ
Oxygen, Dissolved	**8.34**	H	**1.00**	**1.00**	**mg/L**	1	12-Aug-2025 17:30
AMMONIA AS N BY SM4500 NH3-D (ISE)		**Method:SM4500 NH3-D**					Analyst: MH
Nitrogen, Ammonia (as N)	**0.608**		**0.0300**	**0.200**	**mg/L**	1	15-Aug-2025 12:00
RESIDUAL CHLORINE BY SM4500CL F		**Method:SM4500CL F**					Analyst: MC
Chlorine	U	H	0.10	0.10	mg/L	1	25-Aug-2025 13:46
PH BY SM4500H+ B		**Method:SM4500H+ B**					Analyst: OZ
pH	**8.27**	H	**0.100**	**1.00**	**pH Units**	1	12-Aug-2025 17:25
Temp Deg C @pH	**20.3**	H	**0**	**0**	**°C**	1	12-Aug-2025 17:25
BIOCHEMICAL OXYGEN DEMAND (BOD) BY SM5210B		**Method:SM5210 B**			Prep:SM5210 B / 13-Aug-2025		Analyst: OZ
Biochemical Oxygen Demand	**5.88**		**2.00**	**2.00**	**mg/L**	1	18-Aug-2025 16:00
CBOD BY SM5210B		**Method:SM5210 B**			Prep:SM5210 B / 13-Aug-2025		Analyst: OZ
Carbonaceous Biochemical Oxygen Demand	**4.16**		**2.00**	**2.00**	**mg/L**	1	18-Aug-2025 19:00
TOTAL ORGANIC CARBON - SM5310B		**Method:SM5310B**					Analyst: DH
Organic Carbon, Total	**10.2**		**0.500**	**1.00**	**mg/L**	1	13-Aug-2025 12:07
HEXAVALENT CHROMIUM BY SW7196A		**Method:SW7196**					Analyst: MH
Chromium, Hexavalent	**0.00300**	J	**0.00240**	**0.0100**	**mg/L**	1	13-Aug-2025 07:50
SUBCONTRACT ANALYSIS - FECAL COLIFORM		**Method:NA**					Analyst: SUB
Subcontract Analysis	See Attached		0			1	15-Aug-2025 08:31

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 005
Collection Date: 12-Aug-2025 13:30

ANALYTICAL REPORT
WorkOrder:HS25080559
Lab ID:HS25080559-05
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY EPA 624.1	**Method:E624.1**						Analyst: DP
1,1,1-Trichloroethane	U		0.24	1.0	ug/L	1	13-Aug-2025 15:08
1,1-Dichloroethene	U		0.22	1.0	ug/L	1	13-Aug-2025 15:08
1,2-Dibromoethane	U		0.30	2.0	ug/L	1	13-Aug-2025 15:08
1,2-Dichloroethane	U		0.41	2.0	ug/L	1	13-Aug-2025 15:08
1,4-Dichlorobenzene	U		0.35	2.0	ug/L	1	13-Aug-2025 15:08
2-Butanone	U		1.5	10	ug/L	1	13-Aug-2025 15:08
Benzene	U		0.28	1.0	ug/L	1	13-Aug-2025 15:08
Carbon Tetrachloride	U		0.34	2.0	ug/L	1	13-Aug-2025 15:08
Chlorobenzene	U		0.36	2.0	ug/L	1	13-Aug-2025 15:08
Chloroform	U		0.32	2.0	ug/L	1	13-Aug-2025 15:08
Dibromochloromethane	U		0.39	2.0	ug/L	1	13-Aug-2025 15:08
Hexachlorobutadiene	U		2.5	10	ug/L	1	13-Aug-2025 15:08
Tetrachloroethene	U		0.30	2.0	ug/L	1	13-Aug-2025 15:08
Total Trihalomethanes (TTHMs)	U		1.6	5.0	ug/L	1	13-Aug-2025 15:08
Trichloroethene	U		0.35	2.0	ug/L	1	13-Aug-2025 15:08
Vinyl Chloride	U		0.23	1.0	ug/L	1	13-Aug-2025 15:08
Surr: 1,2-Dichloroethane-d4	*105*			*60-140*	*%REC*	*1*	*13-Aug-2025 15:08*
Surr: 4-Bromofluorobenzene	*107*			*60-140*	*%REC*	*1*	*13-Aug-2025 15:08*
Surr: Dibromofluoromethane	*110*			*80-120*	*%REC*	*1*	*13-Aug-2025 15:08*
Surr: Toluene-d8	*108*			*60-140*	*%REC*	*1*	*13-Aug-2025 15:08*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 005
Collection Date: 12-Aug-2025 13:30

ANALYTICAL REPORT
WorkOrder:HS25080559
Lab ID:HS25080559-05
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
SEMIVOLATILES BY E625.1		**Method:E625.1**			Prep:E625 / 15-Aug-2025		Analyst: GEY
1,2,4,5-Tetrachlorobenzene	U		0.067	0.20	ug/L	1	18-Aug-2025 15:09
2,4,5-Trichlorophenol	U		0.057	0.20	ug/L	1	18-Aug-2025 15:09
2-Methylphenol	U		0.033	0.20	ug/L	1	18-Aug-2025 15:09
3&4-Methylphenol	U		0.044	0.40	ug/L	1	18-Aug-2025 15:09
4,6-Dinitro-2-methylphenol	U		0.37	1.0	ug/L	1	18-Aug-2025 15:09
4-Chloro-3-methylphenol	U		0.073	0.20	ug/L	1	18-Aug-2025 15:09
Benz(a)anthracene	U		0.013	0.10	ug/L	1	18-Aug-2025 15:09
Benzidine	U		0.018	0.20	ug/L	1	18-Aug-2025 15:09
Benzo(a)pyrene	U		0.070	0.10	ug/L	1	18-Aug-2025 15:09
Chrysene	U		0.034	0.10	ug/L	1	18-Aug-2025 15:09
Hexachlorobenzene	U		0.090	0.20	ug/L	1	18-Aug-2025 15:09
Hexachloroethane	U		0.045	0.20	ug/L	1	18-Aug-2025 15:09
N-Nitroso-di-n-butylamine	U		0.12	0.20	ug/L	1	18-Aug-2025 15:09
N-Nitrosodiethylamine	U		0.047	0.20	ug/L	1	18-Aug-2025 15:09
Nitrobenzene	U		0.068	0.20	ug/L	1	18-Aug-2025 15:09
Pentachlorobenzene	U		0.035	0.20	ug/L	1	18-Aug-2025 15:09
Pentachlorophenol	U		0.16	0.20	ug/L	1	18-Aug-2025 15:09
Phenanthrene	U		0.038	0.10	ug/L	1	18-Aug-2025 15:09
Pyridine	U		0.088	0.10	ug/L	1	18-Aug-2025 15:09
Surr: 2,4,6-Tribromophenol	*65.7*			*34-129*	*%REC*	*1*	*18-Aug-2025 15:09*
Surr: 2-Fluorobiphenyl	*47.6*			*40-125*	*%REC*	*1*	*18-Aug-2025 15:09*
Surr: 2-Fluorophenol	*50.2*			*20-120*	*%REC*	*1*	*18-Aug-2025 15:09*
Surr: 4-Terphenyl-d14	*50.8*			*40-135*	*%REC*	*1*	*18-Aug-2025 15:09*
Surr: Nitrobenzene-d5	*41.2*			*41-120*	*%REC*	*1*	*18-Aug-2025 15:09*
Surr: Phenol-d6	*53.7*			*20-120*	*%REC*	*1*	*18-Aug-2025 15:09*
MISC. GCFID PARAMETERS BY SW8015C		**Method:SW8015**					Analyst: RG
Ethylene Glycol	**6.9**		**0.13**	**2.0**	**mg/L**	1	13-Aug-2025 17:51
CHLORINATED PEST/PCBS BY E608		**Method:E608**			Prep:E608 / 18-Aug-2025		Analyst: CC
Aroclor 1016	U		0.200	0.500	ug/L	1	18-Aug-2025 23:49
Aroclor 1221	U		0.200	0.500	ug/L	1	18-Aug-2025 23:49
Aroclor 1232	U		0.200	0.500	ug/L	1	18-Aug-2025 23:49
Aroclor 1242	U		0.200	0.500	ug/L	1	18-Aug-2025 23:49
Aroclor 1248	U		0.200	0.500	ug/L	1	18-Aug-2025 23:49
Aroclor 1254	U		0.200	0.500	ug/L	1	18-Aug-2025 23:49
Aroclor 1260	U		0.200	0.500	ug/L	1	18-Aug-2025 23:49
Surr: Decachlorobiphenyl	*90.9*			*61-154*	*%REC*	*1*	*18-Aug-2025 23:49*
Surr: Tetrachlor-m-xylene	*82.4*			*60-144*	*%REC*	*1*	*18-Aug-2025 23:49*
TRIVALENT CHROMIUM		**Method:Calculation**					Analyst: MSC
Chromium, Trivalent	U	n	0.0100	0.0100	mg/L	1	26-Aug-2025 11:29

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 005
Collection Date: 12-Aug-2025 13:30

ANALYTICAL REPORT
WorkOrder:HS25080559
Lab ID:HS25080559-05
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
TOTAL METALS BY E200.8, REV 5.4, 1994		**Method:E200.8**			Prep:E200.8 / 25-Aug-2025		Analyst: JC
Aluminum	**434**		**0.800**	**10.0**	**ug/L**	1	26-Aug-2025 13:19
Antimony	**2.32**	J	**0.530**	**5.00**	**ug/L**	1	26-Aug-2025 13:19
Arsenic	**10.6**		**0.250**	**2.00**	**ug/L**	1	26-Aug-2025 13:19
Barium	**199**		**0.0840**	**4.00**	**ug/L**	1	26-Aug-2025 13:19
Beryllium	U		0.0910	5.00	ug/L	1	26-Aug-2025 13:19
Cadmium	U		0.0770	2.00	ug/L	1	26-Aug-2025 13:19
Chromium	**2.36**	J	**0.251**	**4.00**	**ug/L**	1	26-Aug-2025 13:19
Copper	**4.49**		**0.170**	**2.00**	**ug/L**	1	26-Aug-2025 13:19
Lead	U		0.120	2.00	ug/L	1	26-Aug-2025 13:19
Nickel	**2.99**		**0.110**	**2.00**	**ug/L**	1	26-Aug-2025 13:19
Selenium	**1.52**	J	**0.860**	**2.00**	**ug/L**	1	26-Aug-2025 13:19
Silver	U		0.0440	2.00	ug/L	1	26-Aug-2025 13:19
Thallium	U		0.250	2.00	ug/L	1	26-Aug-2025 13:19
Zinc	**6.85**		**1.00**	**4.00**	**ug/L**	1	26-Aug-2025 13:19
MERCURY BY E245.1, R3.0, 1994		**Method:E245.1**			Prep:E245.1 / 13-Aug-2025		Analyst: JS
Mercury	U		0.0000300	0.000200	mg/L	1	13-Aug-2025 15:38
OIL & GREASE BY E1664A		**Method:E1664A**					Analyst: MC
Oil and Grease	**4.19**		**0.610**	**2.00**	**mg/L**	1	21-Aug-2025 06:25
ANIONS BY E300.0, REV 2.1, 1993		**Method:E300**					Analyst: TH
Chloride	**36.6**		**0.200**	**0.500**	**mg/L**	1	13-Aug-2025 02:47
Fluoride	**0.195**		**0.0500**	**0.100**	**mg/L**	1	13-Aug-2025 02:47
Nitrogen, Nitrate (As N)	**1.37**		**0.0300**	**0.100**	**mg/L**	1	13-Aug-2025 02:47
Sulfate	**67.9**		**0.200**	**0.500**	**mg/L**	1	13-Aug-2025 02:47
PHOSPHORUS BY E365.3-1978		**Method:E365.3**			Prep:E365.3 / 14-Aug-2025		Analyst: SG
Phosphorus, Total (As P)	**0.0590**		**0.0120**	**0.0500**	**mg/L**	1	14-Aug-2025 13:19
CHEMICAL OXYGEN DEMAND BY HACH 8000		**Method:Hach 8000**					Analyst: TH
Chemical Oxygen Demand	**20.0**		**5.00**	**15.0**	**mg/L**	1	14-Aug-2025 11:00
TOTAL DISSOLVED SOLIDS BY SM2540C		**Method:M2540C**					Analyst: HB
Total Dissolved Solids (Residue, Filterable)	**218**		**3.00**	**10.0**	**mg/L**	1	13-Aug-2025 09:30
TOTAL SUSPENDED SOLIDS BY SM 2540D		**Method:M2540D**					Analyst: HB
Suspended Solids (Residue, Non -Filterable)	**25.3**		**1.68**	**4.00**	**mg/L**	1	14-Aug-2025 08:30
ORGANIC NITROGEN BY SM4500-NH3D MINUS NH3F		**Method:M4500 NH3 D**					Analyst: HB
Nitrogen, Organic	U		0.50	0.50	mg/L	1	26-Aug-2025 09:53
TOTAL KJELDAHL NITROGEN BY SM4500 NH3 D		**Method:M4500 NH3 D**			Prep:M4500-N C / 20-Aug-2025		Analyst: MH
Nitrogen, Total Kjeldahl	**0.61**	J	**0.44**	**1.0**	**mg/L**	1	20-Aug-2025 12:30
CYANIDE BY SM 4500CN E&G		**Method:M4500CN EG**			Prep:M4500CN E&G / 14-Aug-2025		Analyst: SG
Cyanide	**0.00200**	J	**0.00200**	**0.00500**	**mg/L**	1	14-Aug-2025 13:52

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 005
Collection Date: 12-Aug-2025 13:30

ANALYTICAL REPORT
WorkOrder:HS25080559
Lab ID:HS25080559-05
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED OXYGEN BY SM4500-O G		**Method:M4500-O G**					Analyst: OZ
Oxygen, Dissolved	**7.85**	H	**1.00**	**1.00**	**mg/L**	1	12-Aug-2025 17:30
AMMONIA AS N BY SM4500 NH3-D (ISE)		**Method:SM4500 NH3-D**					Analyst: MH
Nitrogen, Ammonia (as N)	**0.352**		**0.0300**	**0.200**	**mg/L**	1	15-Aug-2025 12:00
RESIDUAL CHLORINE BY SM4500CL F		**Method:SM4500CL F**					Analyst: MC
Chlorine	**1.0**	H	**0.10**	**0.10**	**mg/L**	1	25-Aug-2025 13:46
PH BY SM4500H+ B		**Method:SM4500H+ B**					Analyst: OZ
pH	**9.02**	H	**0.100**	**1.00**	**pH Units**	1	12-Aug-2025 17:27
Temp Deg C @pH	**21.6**	H	**0**	**0**	**°C**	1	12-Aug-2025 17:27
BIOCHEMICAL OXYGEN DEMAND (BOD) BY SM5210B		**Method:SM5210 B**			Prep:SM5210 B / 13-Aug-2025		Analyst: OZ
Biochemical Oxygen Demand	**3.64**		**2.00**	**2.00**	**mg/L**	1	18-Aug-2025 16:00
CBOD BY SM5210B		**Method:SM5210 B**			Prep:SM5210 B / 13-Aug-2025		Analyst: OZ
Carbonaceous Biochemical Oxygen Demand	**2.79**		**2.00**	**2.00**	**mg/L**	1	18-Aug-2025 19:00
TOTAL ORGANIC CARBON - SM5310B		**Method:SM5310B**					Analyst: DH
Organic Carbon, Total	**4.83**		**0.500**	**1.00**	**mg/L**	1	13-Aug-2025 12:17
HEXAVALENT CHROMIUM BY SW7196A		**Method:SW7196**					Analyst: MH
Chromium, Hexavalent	U		0.00240	0.0100	mg/L	1	13-Aug-2025 07:50
SUBCONTRACT ANALYSIS - FECAL COLIFORM		**Method:NA**					Analyst: SUB
Subcontract Analysis	See Attached		0			1	15-Aug-2025 08:31

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Weight / Prep Log

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080559

Batch ID: 231626 **Start Date:** 13 Aug 2025 11:30 **End Date:** 13 Aug 2025 11:30
Method: WETCHEMPREP, BOD **Prep Code:** BOD_PR 5210B

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS25080559-01		300 (mL)	300 (mL)	1	1-L plastic, Neat
HS25080559-02		300 (mL)	300 (mL)	1	1-L plastic, Neat
HS25080559-03		300 (mL)	300 (mL)	1	1-L plastic, Neat
HS25080559-04		300 (mL)	300 (mL)	1	1-L plastic, Neat
HS25080559-05		300 (mL)	300 (mL)	1	1-L plastic, Neat

Batch ID: 231627 **Start Date:** 13 Aug 2025 11:30 **End Date:** 13 Aug 2025 11:30
Method: CBOD PREP **Prep Code:** CBOD_PR

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS25080559-01		300 (mL)	300 (mL)	1	1-L plastic, Neat
HS25080559-02		300 (mL)	300 (mL)	1	1-L plastic, Neat
HS25080559-03		300 (mL)	300 (mL)	1	1-L plastic, Neat
HS25080559-04		300 (mL)	300 (mL)	1	1-L plastic, Neat
HS25080559-05		300 (mL)	300 (mL)	1	1-L plastic, Neat

Batch ID: 231646 **Start Date:** 13 Aug 2025 09:30 **End Date:** 13 Aug 2025 09:30
Method: MERCURY PREP - WATER **Prep Code:** HG_WW_245PR

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS25080559-01		10 (mL)	10 (mL)	1	120 plastic HNO3
HS25080559-02		10 (mL)	10 (mL)	1	120 plastic HNO3
HS25080559-03		10 (mL)	10 (mL)	1	120 plastic HNO3
HS25080559-04		10 (mL)	10 (mL)	1	120 plastic HNO3
HS25080559-05		10 (mL)	10 (mL)	1	120 plastic HNO3

Batch ID: 231680 **Start Date:** 14 Aug 2025 06:25 **End Date:** 14 Aug 2025 06:25
Method: CYANIDE PREP - SM4500CN **Prep Code:** CN_TW4500_PR

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS25080559-01		50 (mL)	50 (mL)	1	250 mL plastic, NaOH/ASE
HS25080559-02		50 (mL)	50 (mL)	1	250 mL plastic, NaOH/ASE
HS25080559-03		50 (mL)	50 (mL)	1	250 mL plastic, NaOH/ASE
HS25080559-04		50 (mL)	50 (mL)	1	250 mL plastic, NaOH/ASE
HS25080559-05		50 (mL)	50 (mL)	1	250 mL plastic, NaOH/ASE

Batch ID: 231681 **Start Date:** 14 Aug 2025 07:00 **End Date:** 14 Aug 2025 07:00
Method: PHOSPHOROUS **Prep Code:** P_TW_PR

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS25080559-01		50 (mg/L)	50 (mL)	1	500 mL plastic, H2SO4 to pH <2
HS25080559-02		50 (mg/L)	50 (mL)	1	500 mL plastic, H2SO4 to pH <2
HS25080559-03		50 (mg/L)	50 (mL)	1	500 mL plastic, H2SO4 to pH <2
HS25080559-04		50 (mg/L)	50 (mL)	1	500 mL plastic, H2SO4 to pH <2
HS25080559-05		50 (mg/L)	50 (mL)	1	500 mL plastic, H2SO4 to pH <2

RIGHT SOLUTIONS | RIGHT PARTNER

Weight / Prep Log

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080559

Batch ID: 231757 **Start Date:** 15 Aug 2025 13:35 **End Date:** 15 Aug 2025 13:35
Method: 625 AQ SEP FUNNEL EXTRACT - LOW LEVEL **Prep Code:** 625PRF_LL

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS25080559-01	1	1000 (mL)	1 (mL)	0.001	1-liter amber glass, Neat
HS25080559-02	1	1000 (mL)	1 (mL)	0.001	1-liter amber glass, Neat
HS25080559-03	1	1000 (mL)	1 (mL)	0.001	1-liter amber glass, Neat
HS25080559-04	1	1000 (mL)	1 (mL)	0.001	1-liter amber glass, Neat
HS25080559-05	1	1000 (mL)	1 (mL)	0.001	1-liter amber glass, Neat

Batch ID: 231801 **Start Date:** 18 Aug 2025 10:53 **End Date:** 18 Aug 2025 10:53
Method: AQPREP SEP FUNNEL: PEST/PCB **Prep Code:** 608PR

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS25080559-01	1	1000 (mL)	10 (mL)	0.01	1-liter amber glass, Neat
HS25080559-02	1	1000 (mL)	10 (mL)	0.01	1-liter amber glass, Neat
HS25080559-03	1	1000 (mL)	10 (mL)	0.01	1-liter amber glass, Neat
HS25080559-04	1	1000 (mL)	10 (mL)	0.01	1-liter amber glass, Neat
HS25080559-05	1	1000 (mL)	10 (mL)	0.01	1-liter amber glass, Neat

Batch ID: 231929 **Start Date:** 20 Aug 2025 07:15 **End Date:** 20 Aug 2025 07:15
Method: TKN WATER - PREP **Prep Code:** TKN_W_PR

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS25080559-01		25 (mL)	50 (mL)	2	500 mL plastic, H2SO4 to pH <2
HS25080559-02		25 (mL)	50 (mL)	2	500 mL plastic, H2SO4 to pH <2
HS25080559-03		25 (mL)	50 (mL)	2	500 mL plastic, H2SO4 to pH <2
HS25080559-04		25 (mL)	50 (mL)	2	500 mL plastic, H2SO4 to pH <2
HS25080559-05		25 (mL)	50 (mL)	2	500 mL plastic, H2SO4 to pH <2

Batch ID: 232084 **Start Date:** 25 Aug 2025 12:00 **End Date:** 25 Aug 2025 12:00
Method: TOTAL METALS PREP BY E200.8, REV 5.4, 1994 **Prep Code:** 200.8PR

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS25080559-01		10 (mL)	10 (mL)	1	120 plastic HNO3
HS25080559-02		10 (mL)	10 (mL)	1	120 plastic HNO3
HS25080559-03		10 (mL)	10 (mL)	1	120 plastic HNO3
HS25080559-04		10 (mL)	10 (mL)	1	120 plastic HNO3
HS25080559-05		10 (mL)	10 (mL)	1	120 plastic HNO3

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080559

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 231626 (0)	**Test Name :** BIOCHEMICAL OXYGEN DEMAND (BOD) BY SM5210B				**Matrix:** Water	
HS25080559-01	001	12 Aug 2025 12:30		13 Aug 2025 11:30	18 Aug 2025 16:00	1
HS25080559-02	002	12 Aug 2025 11:35		13 Aug 2025 11:30	18 Aug 2025 16:00	1
HS25080559-03	003	12 Aug 2025 10:35		13 Aug 2025 11:30	18 Aug 2025 16:00	1
HS25080559-04	004	12 Aug 2025 09:45		13 Aug 2025 11:30	18 Aug 2025 16:00	1
HS25080559-05	005	12 Aug 2025 13:30		13 Aug 2025 11:30	18 Aug 2025 16:00	1
Batch ID: 231627 (0)	**Test Name :** CBOD BY SM5210B				**Matrix:** Water	
HS25080559-01	001	12 Aug 2025 12:30		13 Aug 2025 11:30	18 Aug 2025 19:00	1
HS25080559-02	002	12 Aug 2025 11:35		13 Aug 2025 11:30	18 Aug 2025 19:00	1
HS25080559-03	003	12 Aug 2025 10:35		13 Aug 2025 11:30	18 Aug 2025 19:00	1
HS25080559-04	004	12 Aug 2025 09:45		13 Aug 2025 11:30	18 Aug 2025 19:00	1
HS25080559-05	005	12 Aug 2025 13:30		13 Aug 2025 11:30	18 Aug 2025 19:00	1
Batch ID: 231646 (0)	**Test Name :** MERCURY BY E245.1, R3.0, 1994				**Matrix:** Water	
HS25080559-01	001	12 Aug 2025 12:30		13 Aug 2025 09:30	13 Aug 2025 15:28	1
HS25080559-02	002	12 Aug 2025 11:35		13 Aug 2025 09:30	13 Aug 2025 15:33	1
HS25080559-03	003	12 Aug 2025 10:35		13 Aug 2025 09:30	13 Aug 2025 15:34	1
HS25080559-04	004	12 Aug 2025 09:45		13 Aug 2025 09:30	13 Aug 2025 15:36	1
HS25080559-05	005	12 Aug 2025 13:30		13 Aug 2025 09:30	13 Aug 2025 15:38	1
Batch ID: 231680 (0)	**Test Name :** CYANIDE BY SM 4500CN E&G				**Matrix:** Water	
HS25080559-01	001	12 Aug 2025 12:30		14 Aug 2025 06:25	14 Aug 2025 13:52	1
HS25080559-02	002	12 Aug 2025 11:35		14 Aug 2025 06:25	14 Aug 2025 13:52	1
HS25080559-03	003	12 Aug 2025 10:35		14 Aug 2025 06:25	14 Aug 2025 13:52	1
HS25080559-04	004	12 Aug 2025 09:45		14 Aug 2025 06:25	14 Aug 2025 13:52	1
HS25080559-05	005	12 Aug 2025 13:30		14 Aug 2025 06:25	14 Aug 2025 13:52	1
Batch ID: 231681 (0)	**Test Name :** PHOSPHORUS BY E365.3-1978				**Matrix:** Water	
HS25080559-01	001	12 Aug 2025 12:30		14 Aug 2025 07:00	14 Aug 2025 13:19	1
HS25080559-02	002	12 Aug 2025 11:35		14 Aug 2025 07:00	14 Aug 2025 13:19	1
HS25080559-03	003	12 Aug 2025 10:35		14 Aug 2025 07:00	14 Aug 2025 13:19	1
HS25080559-04	004	12 Aug 2025 09:45		14 Aug 2025 07:00	14 Aug 2025 13:19	1
HS25080559-05	005	12 Aug 2025 13:30		14 Aug 2025 07:00	14 Aug 2025 13:19	1
Batch ID: 231757 (0)	**Test Name :** SEMIVOLATILES BY E625.1				**Matrix:** Water	
HS25080559-01	001	12 Aug 2025 12:30		15 Aug 2025 13:35	18 Aug 2025 13:30	1
HS25080559-02	002	12 Aug 2025 11:35		15 Aug 2025 13:35	18 Aug 2025 13:55	1
HS25080559-03	003	12 Aug 2025 10:35		15 Aug 2025 13:35	18 Aug 2025 14:19	1
HS25080559-04	004	12 Aug 2025 09:45		15 Aug 2025 13:35	18 Aug 2025 14:44	1
HS25080559-05	005	12 Aug 2025 13:30		15 Aug 2025 13:35	18 Aug 2025 15:09	1

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080559

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 231801 (0)	**Test Name :** CHLORINATED PEST/PCBS BY E608				**Matrix:** Water	
HS25080559-01	001	12 Aug 2025 12:30		18 Aug 2025 10:53	18 Aug 2025 23:06	1
HS25080559-02	002	12 Aug 2025 11:35		18 Aug 2025 10:53	18 Aug 2025 23:16	1
HS25080559-03	003	12 Aug 2025 10:35		18 Aug 2025 10:53	18 Aug 2025 23:27	1
HS25080559-04	004	12 Aug 2025 09:45		18 Aug 2025 10:53	18 Aug 2025 23:38	1
HS25080559-05	005	12 Aug 2025 13:30		18 Aug 2025 10:53	18 Aug 2025 23:49	1
Batch ID: 231929 (0)	**Test Name :** TOTAL KJELDAHL NITROGEN BY SM4500 NH3 D				**Matrix:** Water	
HS25080559-01	001	12 Aug 2025 12:30		20 Aug 2025 07:15	20 Aug 2025 12:30	1
HS25080559-02	002	12 Aug 2025 11:35		20 Aug 2025 07:15	20 Aug 2025 12:30	1
HS25080559-03	003	12 Aug 2025 10:35		20 Aug 2025 07:15	20 Aug 2025 12:30	1
HS25080559-04	004	12 Aug 2025 09:45		20 Aug 2025 07:15	20 Aug 2025 12:30	1
HS25080559-05	005	12 Aug 2025 13:30		20 Aug 2025 07:15	20 Aug 2025 12:30	1
Batch ID: 232084 (0)	**Test Name :** TOTAL METALS BY E200.8, REV 5.4, 1994				**Matrix:** Water	
HS25080559-01	001	12 Aug 2025 12:30		25 Aug 2025 12:00	26 Aug 2025 13:11	1
HS25080559-02	002	12 Aug 2025 11:35		25 Aug 2025 12:00	26 Aug 2025 13:13	1
HS25080559-03	003	12 Aug 2025 10:35		25 Aug 2025 12:00	26 Aug 2025 13:15	1
HS25080559-04	004	12 Aug 2025 09:45		25 Aug 2025 12:00	26 Aug 2025 13:53	20
HS25080559-04	004	12 Aug 2025 09:45		25 Aug 2025 12:00	26 Aug 2025 13:17	1
HS25080559-05	005	12 Aug 2025 13:30		25 Aug 2025 12:00	26 Aug 2025 13:19	1
Batch ID: R519549 (0)	**Test Name :** DISSOLVED OXYGEN BY SM4500-O G				**Matrix:** Water	
HS25080559-01	001	12 Aug 2025 12:30			12 Aug 2025 17:30	1
HS25080559-02	002	12 Aug 2025 11:35			12 Aug 2025 17:30	1
HS25080559-03	003	12 Aug 2025 10:35			12 Aug 2025 17:30	1
HS25080559-04	004	12 Aug 2025 09:45			12 Aug 2025 17:30	1
HS25080559-05	005	12 Aug 2025 13:30			12 Aug 2025 17:30	1
Batch ID: R519552 (0)	**Test Name :** PH BY SM4500H+ B				**Matrix:** Water	
HS25080559-01	001	12 Aug 2025 12:30			12 Aug 2025 17:17	1
HS25080559-02	002	12 Aug 2025 11:35			12 Aug 2025 17:20	1
HS25080559-03	003	12 Aug 2025 10:35			12 Aug 2025 17:22	1
HS25080559-04	004	12 Aug 2025 09:45			12 Aug 2025 17:25	1
HS25080559-05	005	12 Aug 2025 13:30			12 Aug 2025 17:27	1
Batch ID: R519578 (0)	**Test Name :** ANIONS BY E300.0, REV 2.1, 1993				**Matrix:** Water	
HS25080559-01	001	12 Aug 2025 12:30			13 Aug 2025 02:12	20
HS25080559-01	001	12 Aug 2025 12:30			13 Aug 2025 02:06	1
HS25080559-02	002	12 Aug 2025 11:35			13 Aug 2025 02:29	1
HS25080559-03	003	12 Aug 2025 10:35			13 Aug 2025 02:35	1
HS25080559-04	004	12 Aug 2025 09:45			13 Aug 2025 02:41	1
HS25080559-05	005	12 Aug 2025 13:30			13 Aug 2025 02:47	1

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080559

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: R519590 (0)	**Test Name :** VOLATILES BY EPA 624.1				**Matrix:** Water	
HS25080559-01	001	12 Aug 2025 12:30			13 Aug 2025 13:31	1
HS25080559-02	002	12 Aug 2025 11:35			13 Aug 2025 13:55	1
HS25080559-03	003	12 Aug 2025 10:35			13 Aug 2025 14:19	1
HS25080559-04	004	12 Aug 2025 09:45			13 Aug 2025 14:43	1
HS25080559-05	005	12 Aug 2025 13:30			13 Aug 2025 15:08	1
Batch ID: R519597 (0)	**Test Name :** HEXAVALENT CHROMIUM BY SW7196A				**Matrix:** Water	
HS25080559-01	001	12 Aug 2025 12:30			13 Aug 2025 07:50	1
HS25080559-02	002	12 Aug 2025 11:35			13 Aug 2025 07:50	1
HS25080559-03	003	12 Aug 2025 10:35			13 Aug 2025 07:50	1
HS25080559-04	004	12 Aug 2025 09:45			13 Aug 2025 07:50	1
HS25080559-05	005	12 Aug 2025 13:30			13 Aug 2025 07:50	1
Batch ID: R519612 (0)	**Test Name :** TOTAL DISSOLVED SOLIDS BY SM2540C				**Matrix:** Water	
HS25080559-01	001	12 Aug 2025 12:30			13 Aug 2025 07:30	1
HS25080559-02	002	12 Aug 2025 11:35			13 Aug 2025 07:30	1
Batch ID: R519619 (0)	**Test Name :** TOTAL DISSOLVED SOLIDS BY SM2540C				**Matrix:** Water	
HS25080559-03	003	12 Aug 2025 10:35			13 Aug 2025 09:30	1
HS25080559-04	004	12 Aug 2025 09:45			13 Aug 2025 09:30	1
HS25080559-05	005	12 Aug 2025 13:30			13 Aug 2025 09:30	1
Batch ID: R519657 (0)	**Test Name :** TOTAL ORGANIC CARBON - SM5310B				**Matrix:** Water	
HS25080559-01	001	12 Aug 2025 12:30			13 Aug 2025 10:29	1
HS25080559-02	002	12 Aug 2025 11:35			13 Aug 2025 10:51	1
HS25080559-03	003	12 Aug 2025 10:35			13 Aug 2025 11:55	1
HS25080559-04	004	12 Aug 2025 09:45			13 Aug 2025 12:07	1
HS25080559-05	005	12 Aug 2025 13:30			13 Aug 2025 12:17	1
Batch ID: R519669 (0)	**Test Name :** MISC. GCFID PARAMETERS BY SW8015C				**Matrix:** Water	
HS25080559-01	001	12 Aug 2025 12:30			13 Aug 2025 16:14	1
HS25080559-02	002	12 Aug 2025 11:35			13 Aug 2025 16:30	1
HS25080559-03	003	12 Aug 2025 10:35			13 Aug 2025 16:46	1
HS25080559-04	004	12 Aug 2025 09:45			13 Aug 2025 17:35	1
HS25080559-05	005	12 Aug 2025 13:30			13 Aug 2025 17:51	1
Batch ID: R519681 (0)	**Test Name :** ANIONS BY E300.0, REV 2.1, 1993				**Matrix:** Water	
HS25080559-02	002	12 Aug 2025 11:35			13 Aug 2025 17:57	5

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080559

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: R519705 (0)	**Test Name :** TOTAL SUSPENDED SOLIDS BY SM 2540D				**Matrix:** Water	
HS25080559-01	001	12 Aug 2025 12:30			14 Aug 2025 08:30	1
HS25080559-02	002	12 Aug 2025 11:35			14 Aug 2025 08:30	1
HS25080559-03	003	12 Aug 2025 10:35			14 Aug 2025 08:30	1
HS25080559-04	004	12 Aug 2025 09:45			14 Aug 2025 08:30	1
HS25080559-05	005	12 Aug 2025 13:30			14 Aug 2025 08:30	1
Batch ID: R519722 (0)	**Test Name :** CHEMICAL OXYGEN DEMAND BY HACH 8000				**Matrix:** Water	
HS25080559-01	001	12 Aug 2025 12:30			14 Aug 2025 11:00	1
HS25080559-02	002	12 Aug 2025 11:35			14 Aug 2025 11:00	1
HS25080559-03	003	12 Aug 2025 10:35			14 Aug 2025 11:00	1
HS25080559-04	004	12 Aug 2025 09:45			14 Aug 2025 11:00	1
HS25080559-05	005	12 Aug 2025 13:30			14 Aug 2025 11:00	1
Batch ID: R519739 (0)	**Test Name :** SUBCONTRACT ANALYSIS - FECAL COLIFORM				**Matrix:** Water	
HS25080559-01	001	12 Aug 2025 12:30			15 Aug 2025 08:31	1
HS25080559-02	002	12 Aug 2025 11:35			15 Aug 2025 08:31	1
HS25080559-03	003	12 Aug 2025 10:35			15 Aug 2025 08:31	1
HS25080559-04	004	12 Aug 2025 09:45			15 Aug 2025 08:31	1
HS25080559-05	005	12 Aug 2025 13:30			15 Aug 2025 08:31	1
Batch ID: R519786 (0)	**Test Name :** AMMONIA AS N BY SM4500 NH3-D (ISE)				**Matrix:** Water	
HS25080559-01	001	12 Aug 2025 12:30			15 Aug 2025 12:00	1
HS25080559-02	002	12 Aug 2025 11:35			15 Aug 2025 12:00	1
HS25080559-03	003	12 Aug 2025 10:35			15 Aug 2025 12:00	1
HS25080559-04	004	12 Aug 2025 09:45			15 Aug 2025 12:00	1
HS25080559-05	005	12 Aug 2025 13:30			15 Aug 2025 12:00	1
Batch ID: R520197 (0)	**Test Name :** OIL & GREASE BY E1664A				**Matrix:** Water	
HS25080559-01	001	12 Aug 2025 12:30			21 Aug 2025 06:25	1
HS25080559-02	002	12 Aug 2025 11:35			21 Aug 2025 06:25	1
HS25080559-03	003	12 Aug 2025 10:35			21 Aug 2025 06:25	1
HS25080559-04	004	12 Aug 2025 09:45			21 Aug 2025 06:25	1
HS25080559-05	005	12 Aug 2025 13:30			21 Aug 2025 06:25	1
Batch ID: R520394 (0)	**Test Name :** RESIDUAL CHLORINE BY SM4500CL F				**Matrix:** Water	
HS25080559-01	001	12 Aug 2025 12:30			25 Aug 2025 13:46	1
HS25080559-02	002	12 Aug 2025 11:35			25 Aug 2025 13:46	1
HS25080559-03	003	12 Aug 2025 10:35			25 Aug 2025 13:46	1
HS25080559-04	004	12 Aug 2025 09:45			25 Aug 2025 13:46	1
HS25080559-05	005	12 Aug 2025 13:30			25 Aug 2025 13:46	1

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080559

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: R520474 (0)	**Test Name :** ORGANIC NITROGEN BY SM4500-NH3D MINUS NH3F				**Matrix:** Water	
HS25080559-01	001	12 Aug 2025 12:30			26 Aug 2025 09:53	1
HS25080559-02	002	12 Aug 2025 11:35			26 Aug 2025 09:53	1
HS25080559-03	003	12 Aug 2025 10:35			26 Aug 2025 09:53	1
HS25080559-04	004	12 Aug 2025 09:45			26 Aug 2025 09:53	1
HS25080559-05	005	12 Aug 2025 13:30			26 Aug 2025 09:53	1
Batch ID: R520485 (0)	**Test Name :** TRIVALENT CHROMIUM				**Matrix:** Water	
HS25080559-01	001	12 Aug 2025 12:30			26 Aug 2025 11:29	1
HS25080559-02	002	12 Aug 2025 11:35			26 Aug 2025 11:29	1
HS25080559-03	003	12 Aug 2025 10:35			26 Aug 2025 11:29	1
HS25080559-04	004	12 Aug 2025 09:45			26 Aug 2025 11:29	1
HS25080559-05	005	12 Aug 2025 13:30			26 Aug 2025 11:29	1

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080559

QC BATCH REPORT

Batch ID: 231801 (0) **Instrument: ECD_17** **Method: CHLORINATED PEST/PCBS BY E608**

MBLK Sample ID: **MBLK-231801** Units: **ug/L** Analysis Date: **19-Aug-2025 01:59**
Client ID: Run ID: **ECD_17_519947** SeqNo: **8991838** PrepDate: **18-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	U	0.500								
Aroclor 1221	U	0.500								
Aroclor 1232	U	0.500								
Aroclor 1242	U	0.500								
Aroclor 1248	U	0.500								
Aroclor 1254	U	0.500								
Aroclor 1260	U	0.500								
Surr: Decachlorobiphenyl	*0.168*	*0.100*	*0.2*	*0*	*84.0*	*61 - 154*				
Surr: Tetrachlor-m-xylene	*0.1635*	*0.0500*	*0.2*	*0*	*81.8*	*60 - 144*				

LCS Sample ID: **LCS1-231801** Units: **ug/L** Analysis Date: **19-Aug-2025 01:37**
Client ID: Run ID: **ECD_17_519947** SeqNo: **8991836** PrepDate: **18-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	4.013	0.500	5	0	80.3	54 - 138				
Aroclor 1260	4.281	0.500	5	0	85.6	57 - 136				
Surr: Decachlorobiphenyl	*0.177*	*0.100*	*0.2*	*0*	*88.5*	*61 - 154*				
Surr: Tetrachlor-m-xylene	*0.1702*	*0.0500*	*0.2*	*0*	*85.1*	*60 - 144*				

LCSD Sample ID: **LCSD1-231801** Units: **ug/L** Analysis Date: **19-Aug-2025 01:48**
Client ID: Run ID: **ECD_17_519947** SeqNo: **8991837** PrepDate: **18-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	4.025	0.500	5	0	80.5	54 - 138	4.013	0.311	20	
Aroclor 1260	4.291	0.500	5	0	85.8	57 - 136	4.281	0.229	20	
Surr: Decachlorobiphenyl	*0.1742*	*0.100*	*0.2*	*0*	*87.1*	*61 - 154*	*0.177*	*1.61*	*20*	
Surr: Tetrachlor-m-xylene	*0.1679*	*0.0500*	*0.2*	*0*	*84.0*	*60 - 144*	*0.1702*	*1.33*	*20*	

The following samples were analyzed in this batch: HS25080559-01 HS25080559-02 HS25080559-03 HS25080559-04 HS25080559-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080559

QC BATCH REPORT

Batch ID: R519669 (0) **Instrument: FID-16** **Method: MISC. GCFID PARAMETERS BY SW8015C**

MBLK Sample ID: **MBLK-250813** Units: **mg/L** Analysis Date: **13-Aug-2025 15:10**
Client ID: Run ID: **FID-16_519669** SeqNo: **8985678** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethylene Glycol	U	2.0								

LCS Sample ID: **LCS-250813** Units: **mg/L** Analysis Date: **13-Aug-2025 14:22**
Client ID: Run ID: **FID-16_519669** SeqNo: **8985676** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethylene Glycol	28.65	2.0	25	0	115	70 - 130				

LCSD Sample ID: **LCSD-250813** Units: **mg/L** Analysis Date: **13-Aug-2025 14:38**
Client ID: Run ID: **FID-16_519669** SeqNo: **8985677** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethylene Glycol	29.93	2.0	25	0	120	70 - 130	28.65	4.37	30	

The following samples were analyzed in this batch: HS25080559-01 HS25080559-02 HS25080559-03 HS25080559-04 HS25080559-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080559

QC BATCH REPORT

Batch ID: 231646 (0) **Instrument: HG05** **Method: MERCURY BY E245.1, R3.0, 1994**

MBLK Sample ID: **MBLK-231646** Units: **mg/L** Analysis Date: **13-Aug-2025 15:20**
Client ID: Run ID: **HG05_519631** SeqNo: **8985062** PrepDate: **13-Aug-2025** DF: **1**

Analyte	Result		PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	U		0.000200								

LCS Sample ID: **LCS-231646** Units: **mg/L** Analysis Date: **13-Aug-2025 15:24**
Client ID: Run ID: **HG05_519631** SeqNo: **8985063** PrepDate: **13-Aug-2025** DF: **1**

Analyte	Result		PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00542		0.000200	0.005	0	108	85 - 115				

MS Sample ID: **HS25080559-01MS** Units: **mg/L** Analysis Date: **13-Aug-2025 15:29**
Client ID: **001** Run ID: **HG05_519631** SeqNo: **8985066** PrepDate: **13-Aug-2025** DF: **1**

Analyte	Result		PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00503		0.000200	0.005	0.000007	100	70 - 130				

MSD Sample ID: **HS25080559-01MSD** Units: **mg/L** Analysis Date: **13-Aug-2025 15:31**
Client ID: **001** Run ID: **HG05_519631** SeqNo: **8985067** PrepDate: **13-Aug-2025** DF: **1**

Analyte	Result		PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00511		0.000200	0.005	0.000007	102	70 - 130	0.00503	1.58	20	

The following samples were analyzed in this batch: HS25080559-01 HS25080559-02 HS25080559-03 HS25080559-04 HS25080559-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080559

QC BATCH REPORT

Batch ID: 232084 (0) **Instrument: ICPMS06** **Method: TOTAL METALS BY E200.8, REV 5.4, 1994**

MBLK Sample ID: **MBLK-232084** Units: **ug/L** Analysis Date: **26-Aug-2025 12:25**
Client ID: Run ID: **ICPMS06_520476** SeqNo: **9004087** PrepDate: **25-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aluminum	1.216	10.0								J
Antimony	U	5.00								
Arsenic	U	2.00								
Barium	U	4.00								
Beryllium	U	5.00								
Cadmium	U	2.00								
Chromium	U	4.00								
Copper	U	2.00								
Lead	U	2.00								
Nickel	0.223	2.00								J
Selenium	U	2.00								
Silver	U	2.00								
Thallium	U	2.00								
Zinc	2.701	4.00								J

LCS Sample ID: **LCS-232084** Units: **ug/L** Analysis Date: **26-Aug-2025 12:28**
Client ID: Run ID: **ICPMS06_520476** SeqNo: **9004088** PrepDate: **25-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aluminum	97.86	10.0	100	0	97.9	85 - 115				
Antimony	43.28	5.00	50	0	86.6	85 - 115				
Arsenic	46.51	2.00	50	0	93.0	85 - 115				
Barium	44.15	4.00	50	0	88.3	85 - 115				
Beryllium	45.12	5.00	50	0	90.2	85 - 115				
Cadmium	46.64	2.00	50	0	93.3	85 - 115				
Chromium	44.43	4.00	50	0	88.9	85 - 115				
Copper	46.2	2.00	50	0	92.4	85 - 115				
Lead	43.17	2.00	50	0	86.3	85 - 115				
Nickel	46.26	2.00	50	0	92.5	85 - 115				
Selenium	47.93	2.00	50	0	95.9	85 - 115				
Silver	43.05	2.00	50	0	86.1	85 - 115				
Thallium	43.43	2.00	50	0	86.9	85 - 115				
Zinc	49.12	4.00	50	0	98.2	85 - 115				

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080559

QC BATCH REPORT

Batch ID: 232084 (0) **Instrument: ICPMS06** **Method: TOTAL METALS BY E200.8, REV 5.4, 1994**

MS Sample ID: **HS25071529-02MS** Units: **ug/L** Analysis Date: **26-Aug-2025 12:40**
Client ID: Run ID: **ICPMS06_520476** SeqNo: **9004094** PrepDate: **25-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aluminum	99.51	10.0	100	6.892	92.6	70 - 130				
Antimony	44.56	5.00	50	2.336	84.4	70 - 130				
Arsenic	45.66	2.00	50	-0.007	91.3	70 - 130				
Barium	45.45	4.00	50	0.986	88.9	70 - 130				
Beryllium	43.8	5.00	50	0.006	87.6	70 - 130				
Cadmium	44.9	2.00	50	0.004	89.8	70 - 130				
Chromium	43.84	4.00	50	0.002	87.7	70 - 130				
Copper	44.61	2.00	50	0.369	88.5	70 - 130				
Lead	43.02	2.00	50	0.018	86.0	70 - 130				
Nickel	44.93	2.00	50	0.41	89.0	70 - 130				
Selenium	46.34	2.00	50	0.504	91.7	70 - 130				
Silver	39.98	2.00	50	0.005	79.9	70 - 130				
Thallium	42.71	2.00	50	0.011	85.4	70 - 130				
Zinc	49.3	4.00	50	1.275	96.1	70 - 130				

MS Sample ID: **HS25071529-01MS** Units: **ug/L** Analysis Date: **26-Aug-2025 12:32**
Client ID: Run ID: **ICPMS06_520476** SeqNo: **9004090** PrepDate: **25-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aluminum	104.9	10.0	100	9.383	95.5	70 - 130				
Antimony	46.32	5.00	50	2.291	88.0	70 - 130				
Arsenic	47.7	2.00	50	-0.032	95.5	70 - 130				
Barium	45.75	4.00	50	0.837	89.8	70 - 130				
Beryllium	45.77	5.00	50	0.009	91.5	70 - 130				
Cadmium	46.38	2.00	50	-0.008	92.8	70 - 130				
Chromium	44.78	4.00	50	0.022	89.5	70 - 130				
Copper	46.62	2.00	50	0.769	91.7	70 - 130				
Lead	44.49	2.00	50	0.028	88.9	70 - 130				
Nickel	46.88	2.00	50	0.403	93.0	70 - 130				
Selenium	47.95	2.00	50	0.346	95.2	70 - 130				
Silver	41.18	2.00	50	0.008	82.3	70 - 130				
Thallium	44.08	2.00	50	0.026	88.1	70 - 130				
Zinc	50.66	4.00	50	1.544	98.2	70 - 130				

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080559

QC BATCH REPORT

Batch ID: 232084 (0) **Instrument: ICPMS06** **Method: TOTAL METALS BY E200.8, REV 5.4, 1994**

MSD Sample ID: **HS25071529-02MSD** Units: **ug/L** Analysis Date: **26-Aug-2025 12:42**
Client ID: Run ID: **ICPMS06_520476** SeqNo: **9004095** PrepDate: **25-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
Aluminum	98.74	10.0	100	6.892	91.8	70 - 130	99.51	0.782	20	
Antimony	44.76	5.00	50	2.336	84.8	70 - 130	44.56	0.446	20	
Arsenic	46.01	2.00	50	-0.007	92.0	70 - 130	45.66	0.768	20	
Barium	44.79	4.00	50	0.986	87.6	70 - 130	45.45	1.45	20	
Beryllium	43.9	5.00	50	0.006	87.8	70 - 130	43.8	0.235	20	
Cadmium	46.03	2.00	50	0.004	92.0	70 - 130	44.9	2.48	20	
Chromium	43.46	4.00	50	0.002	86.9	70 - 130	43.84	0.882	20	
Copper	44.93	2.00	50	0.369	89.1	70 - 130	44.61	0.713	20	
Lead	43.55	2.00	50	0.018	87.1	70 - 130	43.02	1.2	20	
Nickel	44.89	2.00	50	0.41	89.0	70 - 130	44.93	0.0824	20	
Selenium	46.27	2.00	50	0.504	91.5	70 - 130	46.34	0.145	20	
Silver	40.04	2.00	50	0.005	80.1	70 - 130	39.98	0.162	20	
Thallium	42.97	2.00	50	0.011	85.9	70 - 130	42.71	0.621	20	
Zinc	48.91	4.00	50	1.275	95.3	70 - 130	49.3	0.8	20	

MSD Sample ID: **HS25071529-01MSD** Units: **ug/L** Analysis Date: **26-Aug-2025 12:34**
Client ID: Run ID: **ICPMS06_520476** SeqNo: **9004091** PrepDate: **25-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
Aluminum	106	10.0	100	9.383	96.6	70 - 130	104.9	1.06	20	
Antimony	45.96	5.00	50	2.291	87.3	70 - 130	46.32	0.763	20	
Arsenic	47.06	2.00	50	-0.032	94.2	70 - 130	47.7	1.35	20	
Barium	46.59	4.00	50	0.837	91.5	70 - 130	45.75	1.82	20	
Beryllium	45.82	5.00	50	0.009	91.6	70 - 130	45.77	0.116	20	
Cadmium	46.77	2.00	50	-0.008	93.6	70 - 130	46.38	0.855	20	
Chromium	44.52	4.00	50	0.022	89.0	70 - 130	44.78	0.567	20	
Copper	46.22	2.00	50	0.769	90.9	70 - 130	46.62	0.87	20	
Lead	45.06	2.00	50	0.028	90.1	70 - 130	44.49	1.26	20	
Nickel	46.24	2.00	50	0.403	91.7	70 - 130	46.88	1.37	20	
Selenium	48.34	2.00	50	0.346	96.0	70 - 130	47.95	0.812	20	
Silver	42.13	2.00	50	0.008	84.2	70 - 130	41.18	2.29	20	
Thallium	44.68	2.00	50	0.026	89.3	70 - 130	44.08	1.37	20	
Zinc	51.25	4.00	50	1.544	99.4	70 - 130	50.66	1.15	20	

The following samples were analyzed in this batch: HS25080559-01 HS25080559-02 HS25080559-03 HS25080559-04 HS25080559-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080559

QC BATCH REPORT

Batch ID: 231757 (0) **Instrument: SV-7** **Method: SEMIVOLATILES BY E625.1**

MBLK Sample ID: **MBLK-231757** Units: **ug/L** Analysis Date: **18-Aug-2025 12:16**
Client ID: Run ID: **SV-7_519896** SeqNo: **8990361** PrepDate: **15-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4,5-Tetrachlorobenzene	U	0.20								
2,4,5-Trichlorophenol	U	0.20								
2-Methylphenol	U	0.20								
3&4-Methylphenol	U	0.40								
4,6-Dinitro-2-methylphenol	U	1.0								
4-Chloro-3-methylphenol	U	0.20								
Benz(a)anthracene	U	0.10								
Benzidine	U	0.20								
Benzo(a)pyrene	U	0.10								
Chrysene	U	0.10								
Hexachlorobenzene	U	0.20								
Hexachloroethane	U	0.20								
Nitrobenzene	U	0.20								
N-Nitrosodiethylamine	U	0.20								
N-Nitroso-di-n-butylamine	U	0.20								
Pentachlorobenzene	U	0.20								
Pentachlorophenol	U	0.20								
Phenanthrene	U	0.10								
Pyridine	U	0.10								
Surr: 2,4,6-Tribromophenol	*2.796*	*0*	*5*	*0*	*55.9*	*34 - 129*				
Surr: 2-Fluorobiphenyl	*2.659*	*0*	*5*	*0*	*53.2*	*40 - 125*				
Surr: 2-Fluorophenol	*3.078*	*0*	*5*	*0*	*61.6*	*20 - 120*				
Surr: 4-Terphenyl-d14	*2.604*	*0*	*5*	*0*	*52.1*	*40 - 135*				
Surr: Nitrobenzene-d5	*2.249*	*0*	*5*	*0*	*45.0*	*41 - 120*				
Surr: Phenol-d6	*3.079*	*0*	*5*	*0*	*61.6*	*20 - 120*				

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080559

QC BATCH REPORT

Batch ID: 231757 (0) **Instrument: SV-7** **Method: SEMIVOLATILES BY E625.1**

LCS Sample ID: **LCS-231757** Units: **ug/L** Analysis Date: **18-Aug-2025 12:41**
Client ID: Run ID: **SV-7_519896** SeqNo: **8990362** PrepDate: **15-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4,5-Tetrachlorobenzene	3.502	0.20	5	0	70.0	40 - 140				
2,4,5-Trichlorophenol	3	0.20	5	0	60.0	40 - 120				
2-Methylphenol	2.842	0.20	5	0	56.8	45 - 120				
3&4-Methylphenol	2.733	0.40	5	0	54.7	35 - 120				
4,6-Dinitro-2-methylphenol	3.348	1.0	5	0	67.0	25 - 121				
4-Chloro-3-methylphenol	2.793	0.20	5	0	55.9	47 - 120				
Benz(a)anthracene	3.151	0.10	5	0	63.0	40 - 120				
Benzidine	1.586	0.20	5	0	31.7	10 - 120				
Benzo(a)pyrene	3.184	0.10	5	0	63.7	45 - 120				
Chrysene	3.12	0.10	5	0	62.4	43 - 120				
Hexachlorobenzene	3.487	0.20	5	0	69.7	48 - 120				
Hexachloroethane	2.572	0.20	5	0	51.4	40 - 120				
Nitrobenzene	2.52	0.20	5	0	50.4	44 - 120				
N-Nitrosodiethylamine	3.181	0.20	5	0	63.6	30 - 140				
N-Nitroso-di-n-butylamine	4.707	0.20	5	0	94.1	30 - 140				
Pentachlorobenzene	4.023	0.20	5	0	80.5	40 - 140				
Pentachlorophenol	3.234	0.20	5	0	64.7	19 - 121				
Phenanthrene	3.127	0.10	5	0	62.5	54 - 120				
Pyridine	2.987	0.10	5	0	59.7	15 - 120				
Surr: 2,4,6-Tribromophenol	*2.494*	*0*	*5*	*0*	*49.9*	*34 - 129*				
Surr: 2-Fluorobiphenyl	*2.271*	*0*	*5*	*0*	*45.4*	*40 - 125*				
Surr: 2-Fluorophenol	*2.418*	*0*	*5*	*0*	*48.4*	*20 - 120*				
Surr: 4-Terphenyl-d14	*2.42*	*0*	*5*	*0*	*48.4*	*40 - 135*				
Surr: Nitrobenzene-d5	*2.094*	*0*	*5*	*0*	*41.9*	*41 - 120*				
Surr: Phenol-d6	*2.73*	*0*	*5*	*0*	*54.6*	*20 - 120*				

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080559

QC BATCH REPORT

Batch ID: 231757 (0) **Instrument: SV-7** **Method: SEMIVOLATILES BY E625.1**

LCSD Sample ID: **LCSD-231757** Units: **ug/L** Analysis Date: **18-Aug-2025 13:06**
Client ID: Run ID: **SV-7_519896** SeqNo: **8990363** PrepDate: **15-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4,5-Tetrachlorobenzene	3.516	0.20	5	0	70.3	40 - 140	3.502	0.404	20	
2,4,5-Trichlorophenol	3.016	0.20	5	0	60.3	40 - 120	3	0.539	20	
2-Methylphenol	2.793	0.20	5	0	55.9	45 - 120	2.842	1.72	20	
3&4-Methylphenol	2.908	0.40	5	0	58.2	35 - 120	2.733	6.2	20	
4,6-Dinitro-2-methylphenol	3.335	1.0	5	0	66.7	25 - 121	3.348	0.381	20	
4-Chloro-3-methylphenol	2.913	0.20	5	0	58.3	47 - 120	2.793	4.2	20	
Benz(a)anthracene	3.188	0.10	5	0	63.8	40 - 120	3.151	1.17	20	
Benzidine	1.603	0.20	5	0	32.1	10 - 120	1.586	1.06	20	
Benzo(a)pyrene	3.384	0.10	5	0	67.7	45 - 120	3.184	6.09	20	
Chrysene	2.973	0.10	5	0	59.5	43 - 120	3.12	4.82	20	
Hexachlorobenzene	3.429	0.20	5	0	68.6	48 - 120	3.487	1.69	20	
Hexachloroethane	2.79	0.20	5	0	55.8	40 - 120	2.572	8.12	20	
Nitrobenzene	2.617	0.20	5	0	52.3	44 - 120	2.52	3.79	20	
N-Nitrosodiethylamine	3.468	0.20	5	0	69.4	30 - 140	3.181	8.62	20	
N-Nitroso-di-n-butylamine	4.613	0.20	5	0	92.3	30 - 140	4.707	2.02	20	
Pentachlorobenzene	4.169	0.20	5	0	83.4	40 - 140	4.023	3.55	20	
Pentachlorophenol	3.456	0.20	5	0	69.1	19 - 121	3.234	6.62	20	
Phenanthrene	3.075	0.10	5	0	61.5	54 - 120	3.127	1.67	20	
Pyridine	2.885	0.10	5	0	57.7	15 - 120	2.987	3.45	20	
Surr: 2,4,6-Tribromophenol	*2.627*	*0*	*5*	*0*	*52.5*	*34 - 129*	*2.494*	*5.2*	*20*	
Surr: 2-Fluorobiphenyl	*2.198*	*0*	*5*	*0*	*44.0*	*40 - 125*	*2.271*	*3.28*	*20*	
Surr: 2-Fluorophenol	*2.594*	*0*	*5*	*0*	*51.9*	*20 - 120*	*2.418*	*7*	*20*	
Surr: 4-Terphenyl-d14	*2.348*	*0*	*5*	*0*	*47.0*	*40 - 135*	*2.42*	*3.02*	*20*	
Surr: Nitrobenzene-d5	*2.19*	*0*	*5*	*0*	*43.8*	*41 - 120*	*2.094*	*4.48*	*20*	
Surr: Phenol-d6	*2.798*	*0*	*5*	*0*	*56.0*	*20 - 120*	*2.73*	*2.48*	*20*	

The following samples were analyzed in this batch: HS25080559-01 HS25080559-02 HS25080559-03 HS25080559-04 HS25080559-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080559

QC BATCH REPORT

Batch ID: R519590 (0) **Instrument: VOA14** **Method: VOLATILES BY EPA 624.1**

MBLK Sample ID: **MBLK** Units: **ug/L** Analysis Date: **13-Aug-2025 07:28**
Client ID: Run ID: **VOA14_519590** SeqNo: **8983837** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	1.0								
1,1-Dichloroethene	U	1.0								
1,2-Dibromoethane	U	2.0								
1,2-Dichloroethane	U	2.0								
1,4-Dichlorobenzene	U	2.0								
2-Butanone	U	10								
Benzene	U	1.0								
Carbon Tetrachloride	U	2.0								
Chlorobenzene	U	2.0								
Chloroform	U	2.0								
Dibromochloromethane	U	2.0								
Hexachlorobutadiene	U	10								
Tetrachloroethene	U	2.0								
Total Trihalomethanes (TTHMs)	U	5.0								
Trichloroethene	U	2.0								
Vinyl Chloride	U	1.0								
Surr: Dibromofluoromethane	*55.58*	*0*	*50*	*0*	*111*	*80 - 120*				
Surr: 1,2-Dichloroethane-d4	*53.53*	*0*	*50*	*0*	*107*	*60 - 140*				
Surr: 4-Bromofluorobenzene	*54.86*	*0*	*50*	*0*	*110*	*60 - 140*				
Surr: Toluene-d8	*55.83*	*0*	*50*	*0*	*112*	*60 - 140*				

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080559

QC BATCH REPORT

Batch ID: R519590 (0) **Instrument: VOA14** **Method: VOLATILES BY EPA 624.1**

LCS Sample ID: **LCS** Units: **ug/L** Analysis Date: **13-Aug-2025 06:15**
Client ID: Run ID: **VOA14_519590** SeqNo: **8983835** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	22.06	1.0	20	0	110	70 - 130				
1,1-Dichloroethene	21.1	1.0	20	0	105	70 - 130				
1,2-Dibromoethane	21.45	2.0	20	0	107	76 - 123				
1,2-Dichloroethane	21.32	2.0	20	0	107	70 - 124				
1,4-Dichlorobenzene	21.36	2.0	20	0	107	79 - 113				
2-Butanone	105.5	10	100	0	106	70 - 130				
Benzene	20.99	1.0	20	0	105	74 - 120				
Carbon Tetrachloride	21.51	2.0	20	0	108	71 - 125				
Chlorobenzene	21.54	2.0	20	0	108	76 - 113				
Chloroform	21.58	2.0	20	0	108	71 - 121				
Dibromochloromethane	21.38	2.0	20	0	107	77 - 122				
Hexachlorobutadiene	20.32	10	20	0	102	80 - 120				
Tetrachloroethene	21.07	2.0	20	0	105	76 - 119				
Trichloroethene	21.25	2.0	20	0	106	79 - 120				
Vinyl Chloride	21.19	1.0	20	0	106	70 - 130				
Surr: Dibromofluoromethane	*55.75*	*0*	*50*	*0*	*112*	*80 - 120*				
Surr: 1,2-Dichloroethane-d4	*54.98*	*0*	*50*	*0*	*110*	*70 - 130*				
Surr: 4-Bromofluorobenzene	*54.36*	*0*	*50*	*0*	*109*	*83 - 122*				
Surr: Toluene-d8	*55.17*	*0*	*50*	*0*	*110*	*81 - 119*				

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080559

QC BATCH REPORT

Batch ID: R519590 (0) **Instrument: VOA14** **Method: VOLATILES BY EPA 624.1**

LCSD Sample ID: **LCSD** Units: **ug/L** Analysis Date: **13-Aug-2025 06:39**
Client ID: Run ID: **VOA14_519590** SeqNo: **8983836** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
1,1,1-Trichloroethane	22.54	1.0	20	0	113	70 - 130	22.06	2.15	20	
1,1-Dichloroethene	22.5	1.0	20	0	112	70 - 130	21.1	6.43	20	
1,2-Dibromoethane	21.43	2.0	20	0	107	76 - 123	21.45	0.098	20	
1,2-Dichloroethane	21.41	2.0	20	0	107	76 - 123	21.32	0.416	20	
1,4-Dichlorobenzene	21.77	2.0	20	0	109	79 - 113	21.36	1.88	20	
2-Butanone	109	10	100	0	109	70 - 130	105.5	3.25	20	
Benzene	21.48	1.0	20	0	107	74 - 120	20.99	2.3	20	
Carbon Tetrachloride	22.26	2.0	20	0	111	71 - 125	21.51	3.43	20	
Chlorobenzene	22.04	2.0	20	0	110	76 - 113	21.54	2.33	20	
Chloroform	22.13	2.0	20	0	111	71 - 121	21.58	2.55	20	
Dibromochloromethane	22.01	2.0	20	0	110	77 - 122	21.38	2.92	20	
Hexachlorobutadiene	20.52	10	20	0	103	80 - 120	20.32	0.984	20	
Tetrachloroethene	21.82	2.0	20	0	109	76 - 119	21.07	3.48	20	
Trichloroethene	22.03	2.0	20	0	110	79 - 120	21.25	3.63	20	
Vinyl Chloride	21.87	1.0	20	0	109	70 - 130	21.19	3.15	20	
Surr: Dibromofluoromethane	*56.95*	*0*	*50*	*0*	*114*	*80 - 120*	*55.75*	*2.12*	*20*	
Surr: 1,2-Dichloroethane-d4	*54.51*	*0*	*50*	*0*	*109*	*70 - 130*	*54.98*	*0.873*	*20*	
Surr: 4-Bromofluorobenzene	*53.7*	*0*	*50*	*0*	*107*	*83 - 122*	*54.36*	*1.22*	*20*	
Surr: Toluene-d8	*54.34*	*0*	*50*	*0*	*109*	*81 - 119*	*55.17*	*1.5*	*20*	

The following samples were analyzed in this batch: HS25080559-01 HS25080559-02 HS25080559-03 HS25080559-04 HS25080559-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080559

QC BATCH REPORT

Batch ID: 231626 (0) **Instrument: Skalar 02** **Method: BIOCHEMICAL OXYGEN DEMAND (BOD) BY SM5210B**

MBLK Sample ID: **MBLK-231626** Units: **mg/L** Analysis Date: **18-Aug-2025 16:00**
Client ID: Run ID: **Skalar 02_519931** SeqNo: **8991185** PrepDate: **13-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Biochemical Oxygen Demand	U	2.00								

LCS Sample ID: **LCS-231626** Units: **mg/L** Analysis Date: **18-Aug-2025 16:00**
Client ID: Run ID: **Skalar 02_519931** SeqNo: **8991184** PrepDate: **13-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Biochemical Oxygen Demand	187.6	2.00	198	0	94.7	84.6 - 115.4				

DUP Sample ID: **HS25080562-01DUP** Units: **mg/L** Analysis Date: **18-Aug-2025 16:00**
Client ID: Run ID: **Skalar 02_519931** SeqNo: **8991183** PrepDate: **13-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Biochemical Oxygen Demand	3.67	2.00					3.72	1.35	20	

The following samples were analyzed in this batch: HS25080559-01 HS25080559-02 HS25080559-03 HS25080559-04 HS25080559-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080559

QC BATCH REPORT

Batch ID: 231627 (0) **Instrument: Skalar 02** **Method: CBOD BY SM5210B**

MBLK Sample ID: **MBLK-231627** Units: **mg/L** Analysis Date: **18-Aug-2025 19:00**
Client ID: Run ID: **Skalar 02_519932** SeqNo: **8991217** PrepDate: **13-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Carbonaceous Biochemical Oxygen Demand	U	2.00								

LCS Sample ID: **LCS-231627** Units: **mg/L** Analysis Date: **18-Aug-2025 19:00**
Client ID: Run ID: **Skalar 02_519932** SeqNo: **8991216** PrepDate: **13-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Carbonaceous Biochemical Oxygen Demand	190.7	2.00	198	0	96.3	84.6 - 115.4				

DUP Sample ID: **HS25080517-02DUP** Units: **mg/L** Analysis Date: **18-Aug-2025 19:00**
Client ID: Run ID: **Skalar 02_519932** SeqNo: **8991215** PrepDate: **13-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Carbonaceous Biochemical Oxygen Demand	U	2.00					1.28	0	20	

The following samples were analyzed in this batch: HS25080559-01 HS25080559-02 HS25080559-03 HS25080559-04 HS25080559-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080559

QC BATCH REPORT

Batch ID: 231680 (0) **Instrument: UV-2450** **Method: CYANIDE BY SM 4500CN E&G**

MBLK Sample ID: **MBLK-231680** Units: **mg/L** Analysis Date: **14-Aug-2025 13:52**
Client ID: Run ID: **UV-2450_519704** SeqNo: **8986425** PrepDate: **14-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Cyanide	U	0.00500								

LCS Sample ID: **LCS-231680** Units: **mg/L** Analysis Date: **14-Aug-2025 13:52**
Client ID: Run ID: **UV-2450_519704** SeqNo: **8986424** PrepDate: **14-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Cyanide	0.207	0.00500	0.2	0	104	80 - 120				

MS Sample ID: **HS25080559-01MS** Units: **mg/L** Analysis Date: **14-Aug-2025 13:52**
Client ID: **001** Run ID: **UV-2450_519704** SeqNo: **8986422** PrepDate: **14-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Cyanide	0.188	0.00500	0.2	0.002	93.0	80 - 120				

MSD Sample ID: **HS25080559-01MSD** Units: **mg/L** Analysis Date: **14-Aug-2025 13:52**
Client ID: **001** Run ID: **UV-2450_519704** SeqNo: **8986423** PrepDate: **14-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Cyanide	0.199	0.00500	0.2	0.002	98.5	80 - 120	0.188	5.68	20	

The following samples were analyzed in this batch: HS25080559-01 HS25080559-02 HS25080559-03 HS25080559-04 HS25080559-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080559

QC BATCH REPORT

Batch ID: 231681 (0) **Instrument: UV-2450** **Method: PHOSPHORUS BY E365.3-1978**

MBLK Sample ID: **MBLK-231681** Units: **mg/L** Analysis Date: **14-Aug-2025 13:19**
Client ID: Run ID: **UV-2450_519707** SeqNo: **8986487** PrepDate: **14-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Phosphorus, Total (As P)	U	0.0500								

LCS Sample ID: **LCS-231681** Units: **mg/L** Analysis Date: **14-Aug-2025 13:19**
Client ID: Run ID: **UV-2450_519707** SeqNo: **8986486** PrepDate: **14-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Phosphorus, Total (As P)	0.243	0.0500	0.25	0	97.2	80 - 120				

MS Sample ID: **HS25080448-01MS** Units: **mg/L** Analysis Date: **14-Aug-2025 13:19**
Client ID: Run ID: **UV-2450_519707** SeqNo: **8986484** PrepDate: **14-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Phosphorus, Total (As P)	0.285	0.0500	0.25	0.026	104	80 - 120				

MSD Sample ID: **HS25080448-01MSD** Units: **mg/L** Analysis Date: **14-Aug-2025 13:19**
Client ID: Run ID: **UV-2450_519707** SeqNo: **8986485** PrepDate: **14-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Phosphorus, Total (As P)	0.279	0.0500	0.25	0.026	101	80 - 120	0.285	2.13	20	

The following samples were analyzed in this batch: HS25080559-01 HS25080559-02 HS25080559-03 HS25080559-04 HS25080559-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080559

QC BATCH REPORT

Batch ID: 231929 (0) **Instrument: WetChem_HS** **Method: TOTAL KJELDAHL NITROGEN BY SM4500 NH3 D**

MBLK Sample ID: **MBLK-231929** Units: **mg/L** Analysis Date: **20-Aug-2025 12:30**
Client ID: Run ID: **WetChem_HS_520101** SeqNo: **8995217** PrepDate: **20-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Total Kjeldahl	U	1.0								

LCS Sample ID: **LCS-231929** Units: **mg/L** Analysis Date: **20-Aug-2025 12:30**
Client ID: Run ID: **WetChem_HS_520101** SeqNo: **8995216** PrepDate: **20-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Total Kjeldahl	21.79	1.0	20	0	109	85 - 115				

MS Sample ID: **HS25080559-05MS** Units: **mg/L** Analysis Date: **20-Aug-2025 12:30**
Client ID: **005** Run ID: **WetChem_HS_520101** SeqNo: **8995214** PrepDate: **20-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Total Kjeldahl	21.14	1.0	20	0.612	103	75 - 125				

MSD Sample ID: **HS25080559-05MSD** Units: **mg/L** Analysis Date: **20-Aug-2025 12:30**
Client ID: **005** Run ID: **WetChem_HS_520101** SeqNo: **8995215** PrepDate: **20-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Total Kjeldahl	20.66	1.0	20	0.612	100	75 - 125	21.14	2.3	20	

The following samples were analyzed in this batch: HS25080559-01 HS25080559-02 HS25080559-03 HS25080559-04 HS25080559-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080559

QC BATCH REPORT

Batch ID: **R519549 (0)** **Instrument:** **Skalar 02** **Method:** **DISSOLVED OXYGEN BY SM4500-O G**

DUP Sample ID: **HS25080559-01DUP** Units: **mg/L** Analysis Date: **12-Aug-2025 17:30**
Client ID: **001** Run ID: **Skalar 02_519549** SeqNo: **8982907** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Oxygen, Dissolved	7.18	1.00					7.21	0.417	20	

The following samples were analyzed in this batch: HS25080559-01 HS25080559-02 HS25080559-03 HS25080559-04 HS25080559-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080559

QC BATCH REPORT

Batch ID: **R519552 (0)** **Instrument:** **Skalar 03** **Method:** **PH BY SM4500H+ B**

DUP Sample ID: **HS25080448-01DUP** Units: **pH Units** Analysis Date: **12-Aug-2025 17:12**
Client ID: Run ID: **Skalar 03_519552** SeqNo: **8982936** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	2.65	1.00					2.65	0	10	
Temp Deg C @pH	22.5	0					22.7	0.885	10	

The following samples were analyzed in this batch: HS25080559-01 HS25080559-02 HS25080559-03 HS25080559-04 HS25080559-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080559

QC BATCH REPORT

Batch ID: R519578 (0) **Instrument: ICS-Integrion** **Method: ANIONS BY E300.0, REV 2.1, 1993**

MBLK Sample ID: **MBLK** Units: **mg/L** Analysis Date: **13-Aug-2025 01:48**
Client ID: Run ID: **ICS-Integrion_519578** SeqNo: **8983582** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	U	0.500								
Fluoride	U	0.100								
Nitrogen, Nitrate (As N)	U	0.100								
Sulfate	U	0.500								

LCS Sample ID: **LCS** Units: **mg/L** Analysis Date: **13-Aug-2025 02:00**
Client ID: Run ID: **ICS-Integrion_519578** SeqNo: **8983583** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	20.32	0.500	20	0	102	90 - 110				
Fluoride	4.318	0.100	4	0	108	90 - 110				
Nitrogen, Nitrate (As N)	4.122	0.100	4	0	103	90 - 110				
Sulfate	20.42	0.500	20	0	102	90 - 110				

MS Sample ID: **HS25080575-06MS** Units: **mg/L** Analysis Date: **13-Aug-2025 08:31**
Client ID: Run ID: **ICS-Integrion_519578** SeqNo: **8983610** PrepDate: DF: **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	139.4	5.00	100	42.91	96.5	80 - 120				
Fluoride	24.26	1.00	20	0.869	117	80 - 120				
Nitrogen, Nitrate (As N)	18.23	1.00	20	0.516	88.6	80 - 120				
Sulfate	480.7	5.00	100	402.2	78.5	80 - 120				SO

MS Sample ID: **HS25080566-01MS** Units: **mg/L** Analysis Date: **13-Aug-2025 08:55**
Client ID: Run ID: **ICS-Integrion_519578** SeqNo: **8983614** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	9.669	0.500	10	0.204	94.6	80 - 120				
Fluoride	2.23	0.100	2	0	111	80 - 120				
Nitrogen, Nitrate (As N)	1.864	0.100	2	0	93.2	80 - 120				
Sulfate	9.777	0.500	10	0.1558	96.2	80 - 120				

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080559

QC BATCH REPORT

Batch ID: R519578 (0) **Instrument:** ICS-Integrion **Method:** ANIONS BY E300.0, REV 2.1, 1993

MS Sample ID: **HS25080559-01MS** Units: **mg/L** Analysis Date: **13-Aug-2025 02:17**
Client ID: **001** Run ID: **ICS-Integrion_519578** SeqNo: **8983586** PrepDate: DF: **20**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	1389	10.0	200	1188	100	80 - 120				O
Fluoride	44.24	2.00	40	0	111	80 - 120				
Nitrogen, Nitrate (As N)	38.01	2.00	40	1.522	91.2	80 - 120				
Sulfate	426.3	10.0	200	260.7	82.8	80 - 120				

MSD Sample ID: **HS25080575-06MSD** Units: **mg/L** Analysis Date: **13-Aug-2025 08:37**
Client ID: Run ID: **ICS-Integrion_519578** SeqNo: **8983611** PrepDate: DF: **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	139.3	5.00	100	42.91	96.4	80 - 120	139.4	0.0215	20	
Fluoride	23.18	1.00	20	0.869	112	80 - 120	24.26	4.53	20	
Nitrogen, Nitrate (As N)	18.3	1.00	20	0.516	88.9	80 - 120	18.23	0.383	20	
Sulfate	479.6	5.00	100	402.2	77.4	80 - 120	480.7	0.231	20	SO

MSD Sample ID: **HS25080566-01MSD** Units: **mg/L** Analysis Date: **13-Aug-2025 09:00**
Client ID: Run ID: **ICS-Integrion_519578** SeqNo: **8983615** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	9.7	0.500	10	0.204	95.0	80 - 120	9.669	0.32	20	
Fluoride	2.134	0.100	2	0	107	80 - 120	2.23	4.37	20	
Nitrogen, Nitrate (As N)	1.875	0.100	2	0	93.8	80 - 120	1.864	0.599	20	
Sulfate	9.747	0.500	10	0.1558	95.9	80 - 120	9.777	0.304	20	

MSD Sample ID: **HS25080559-01MSD** Units: **mg/L** Analysis Date: **13-Aug-2025 02:23**
Client ID: **001** Run ID: **ICS-Integrion_519578** SeqNo: **8983587** PrepDate: DF: **20**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	1387	10.0	200	1188	99.3	80 - 120	1389	0.148	20	O
Fluoride	43.3	2.00	40	0	108	80 - 120	44.24	2.14	20	
Nitrogen, Nitrate (As N)	37.85	2.00	40	1.522	90.8	80 - 120	38.01	0.411	20	
Sulfate	423.5	10.0	200	260.7	81.4	80 - 120	426.3	0.657	20	

The following samples were analyzed in this batch: HS25080559-01 HS25080559-02 HS25080559-03 HS25080559-04 HS25080559-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080559

QC BATCH REPORT

Batch ID: R519597 (0) **Instrument: UV-2450** **Method: HEXAVALENT CHROMIUM BY SW7196A**

MBLK Sample ID: **MBLK-R519597** Units: **mg/L** Analysis Date: **13-Aug-2025 07:50**
Client ID: Run ID: **UV-2450_519597** SeqNo: **8984013** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chromium, Hexavalent	U	0.0100								

LCS Sample ID: **LCS-R519597** Units: **mg/L** Analysis Date: **13-Aug-2025 07:50**
Client ID: Run ID: **UV-2450_519597** SeqNo: **8984012** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chromium, Hexavalent	0.258	0.0100	0.25	0	103	80 - 120				

MS Sample ID: **HS25080559-01MS** Units: **mg/L** Analysis Date: **13-Aug-2025 07:50**
Client ID: **001** Run ID: **UV-2450_519597** SeqNo: **8984015** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chromium, Hexavalent	0.248	0.0100	0.25	0.002	98.4	86 - 117				

MSD Sample ID: **HS25080559-01MSD** Units: **mg/L** Analysis Date: **13-Aug-2025 07:50**
Client ID: **001** Run ID: **UV-2450_519597** SeqNo: **8984014** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chromium, Hexavalent	0.259	0.0100	0.25	0.002	103	86 - 117	0.248	4.34	15	

The following samples were analyzed in this batch: HS25080559-01 HS25080559-02 HS25080559-03 HS25080559-04 HS25080559-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080559

QC BATCH REPORT

Batch ID: R519612 (0) **Instrument: Balance1** **Method: TOTAL DISSOLVED SOLIDS BY SM2540C**

MBLK Sample ID: **WMBLK-08132025** Units: **mg/L** Analysis Date: **13-Aug-2025 07:30**
Client ID: Run ID: **Balance1_519612** SeqNo: **8984490** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Total Dissolved Solids (Residue, Filterable)	U	10.0								

LCS Sample ID: **WLCS-08132025** Units: **mg/L** Analysis Date: **13-Aug-2025 07:30**
Client ID: Run ID: **Balance1_519612** SeqNo: **8984489** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Total Dissolved Solids (Residue, Filterable)	994	10.0	1000	0	99.4	85 - 115				

DUP Sample ID: **HS25080559-01DUP** Units: **mg/L** Analysis Date: **13-Aug-2025 07:30**
Client ID: **001** Run ID: **Balance1_519612** SeqNo: **8984475** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Total Dissolved Solids (Residue, Filterable)	2680	10.0					2640	1.5	20	

DUP Sample ID: **HS25080546-04DUP** Units: **mg/L** Analysis Date: **13-Aug-2025 07:30**
Client ID: Run ID: **Balance1_519612** SeqNo: **8984473** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Total Dissolved Solids (Residue, Filterable)	48100	10.0					48580	0.993	20	

The following samples were analyzed in this batch: HS25080559-01 HS25080559-02

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080559

QC BATCH REPORT

Batch ID: R519619 (0) **Instrument: Balance1** **Method: TOTAL DISSOLVED SOLIDS BY SM2540C**

MBLK Sample ID: **MBLK-R519619** Units: **mg/L** Analysis Date: **13-Aug-2025 09:30**
Client ID: Run ID: **Balance1_519619** SeqNo: **8984533** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Total Dissolved Solids (Residue, Filterable)	U	10.0								

LCS Sample ID: **LCS-R519619** Units: **mg/L** Analysis Date: **13-Aug-2025 09:30**
Client ID: Run ID: **Balance1_519619** SeqNo: **8984532** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Total Dissolved Solids (Residue, Filterable)	1032	10.0	1000	0	103	85 - 115				

DUP Sample ID: **HS25080559-05DUP** Units: **mg/L** Analysis Date: **13-Aug-2025 09:30**
Client ID: **005** Run ID: **Balance1_519619** SeqNo: **8984534** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Total Dissolved Solids (Residue, Filterable)	216	10.0					218	0.922	20	

The following samples were analyzed in this batch: HS25080559-03 HS25080559-04 HS25080559-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080559

QC BATCH REPORT

Batch ID: R519657 (0) **Instrument: TOC_04** **Method: TOTAL ORGANIC CARBON - SM5310B**

MBLK Sample ID: **MBLK-08.13.2025** Units: **mg/L** Analysis Date: **13-Aug-2025 09:54**
Client ID: Run ID: **TOC_04_519657** SeqNo: **8985375** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	U	1.00								

MBLK Sample ID: **BLANK-08.13.2025** Units: **mg/L** Analysis Date: **13-Aug-2025 09:14**
Client ID: Run ID: **TOC_04_519657** SeqNo: **8985373** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	U	1.00								

LCS Sample ID: **LCS- 08.13.2025** Units: **mg/L** Analysis Date: **13-Aug-2025 10:07**
Client ID: Run ID: **TOC_04_519657** SeqNo: **8985376** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	10.46	1.00	10	0	105	91 - 109				

LCSD Sample ID: **LCSD- 08.13.2025** Units: **mg/L** Analysis Date: **13-Aug-2025 10:18**
Client ID: Run ID: **TOC_04_519657** SeqNo: **8985377** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	10.41	1.00	10	0	104	91 - 109	10.46	0.479	20	

MS Sample ID: **HS25080559-02MS** Units: **mg/L** Analysis Date: **13-Aug-2025 11:02**
Client ID: **002** Run ID: **TOC_04_519657** SeqNo: **8985381** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	14.59	1.00	10	4.648	99.4	85 - 115				

DUP Sample ID: **HS25080559-01DUP** Units: **mg/L** Analysis Date: **13-Aug-2025 10:40**
Client ID: **001** Run ID: **TOC_04_519657** SeqNo: **8985379** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	4.618	1.00					4.562	1.22	15	

The following samples were analyzed in this batch: HS25080559-01 HS25080559-02 HS25080559-03 HS25080559-04 HS25080559-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080559

QC BATCH REPORT

Batch ID: R519681 (0) **Instrument: ICS-Integrion** **Method: ANIONS BY E300.0, REV 2.1, 1993**

MBLK Sample ID: **MBLK** Units: **mg/L** Analysis Date: **13-Aug-2025 17:05**
Client ID: Run ID: **ICS-Integrion_519681** SeqNo: **8985911** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Sulfate	U	0.500								

LCS Sample ID: **LCS** Units: **mg/L** Analysis Date: **13-Aug-2025 17:11**
Client ID: Run ID: **ICS-Integrion_519681** SeqNo: **8985912** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Sulfate	20.06	0.500	20	0	100	90 - 110				

MS Sample ID: **HS25080598-21MS** Units: **mg/L** Analysis Date: **13-Aug-2025 17:46**
Client ID: Run ID: **ICS-Integrion_519681** SeqNo: **8985914** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Sulfate	323.1	0.500	10	324.8	-17.4	80 - 120				SEO

MS Sample ID: **HS25080572-18MS** Units: **mg/L** Analysis Date: **13-Aug-2025 20:06**
Client ID: Run ID: **ICS-Integrion_519681** SeqNo: **8985934** PrepDate: DF: **20**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Sulfate	1449	10.0	200	1306	71.3	80 - 120				SO

MSD Sample ID: **HS25080598-21MSD** Units: **mg/L** Analysis Date: **13-Aug-2025 17:51**
Client ID: Run ID: **ICS-Integrion_519681** SeqNo: **8985915** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Sulfate	322.9	0.500	10	324.8	-18.9	80 - 120	323.1	0.0479	20	SEO

MSD Sample ID: **HS25080572-18MSD** Units: **mg/L** Analysis Date: **13-Aug-2025 20:12**
Client ID: Run ID: **ICS-Integrion_519681** SeqNo: **8985935** PrepDate: DF: **20**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Sulfate	1437	10.0	200	1306	65.7	80 - 120	1449	0.779	20	SO

The following samples were analyzed in this batch: HS25080559-02

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080559

QC BATCH REPORT

Batch ID: R519705 (0) **Instrument:** Balance1 **Method:** TOTAL SUSPENDED SOLIDS BY SM 2540D

MBLK Sample ID: **WMBLK-08142025** Units: **mg/L** Analysis Date: **14-Aug-2025 08:30**
Client ID: Run ID: **Balance1_519705** SeqNo: **8986475** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Suspended Solids (Residue, Non-Filterable)	U	4.00								

LCS Sample ID: **WLCS-08142025** Units: **mg/L** Analysis Date: **14-Aug-2025 08:30**
Client ID: Run ID: **Balance1_519705** SeqNo: **8986474** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Suspended Solids (Residue, Non-Filterable)	103	4.00	100	0	103	85 - 105				

DUP Sample ID: **HS25080559-02DUP** Units: **mg/L** Analysis Date: **14-Aug-2025 08:30**
Client ID: **002** Run ID: **Balance1_519705** SeqNo: **8986462** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Suspended Solids (Residue, Non-Filterable)	44.33	4.00					43.33	2.28	10	

DUP Sample ID: **HS25080550-02DUP** Units: **mg/L** Analysis Date: **14-Aug-2025 08:30**
Client ID: Run ID: **Balance1_519705** SeqNo: **8986459** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Suspended Solids (Residue, Non-Filterable)	5820	4.00					5860	0.685	10	

The following samples were analyzed in this batch: HS25080559-01 HS25080559-02 HS25080559-03 HS25080559-04 HS25080559-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080559

QC BATCH REPORT

Batch ID: R519722 (0) **Instrument:** WetChem_HS **Method:** CHEMICAL OXYGEN DEMAND BY HACH 8000

MBLK Sample ID: **MBLK-R519722** Units: **mg/L** Analysis Date: **14-Aug-2025 11:00**
Client ID: Run ID: **WetChem_HS_519722** SeqNo: **8986744** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chemical Oxygen Demand	U	15.0								

LCS Sample ID: **LCS-R519722** Units: **mg/L** Analysis Date: **14-Aug-2025 11:00**
Client ID: Run ID: **WetChem_HS_519722** SeqNo: **8986743** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chemical Oxygen Demand	98	15.0	100	0	98.0	85 - 115				

MS Sample ID: **HS25080559-02MS** Units: **mg/L** Analysis Date: **14-Aug-2025 11:00**
Client ID: **002** Run ID: **WetChem_HS_519722** SeqNo: **8986746** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chemical Oxygen Demand	63	15.0	50	16	94.0	80 - 120				

MSD Sample ID: **HS25080559-02MSD** Units: **mg/L** Analysis Date: **14-Aug-2025 11:00**
Client ID: **002** Run ID: **WetChem_HS_519722** SeqNo: **8986745** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chemical Oxygen Demand	65	15.0	50	16	98.0	80 - 120	63	3.12	20	

The following samples were analyzed in this batch: HS25080559-01 HS25080559-02 HS25080559-03 HS25080559-04 HS25080559-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080559

QC BATCH REPORT

Batch ID: R519786 (0) **Instrument: WetChem_HS** **Method: AMMONIA AS N BY SM4500 NH3-D (ISE)**

MBLK Sample ID: **MBLK-R519786** Units: **mg/L** Analysis Date: **15-Aug-2025 12:00**
Client ID: Run ID: **WetChem_HS_519786** SeqNo: **8988320** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Ammonia (as N)	U	0.200								

LCS Sample ID: **LCS-R519786** Units: **mg/L** Analysis Date: **15-Aug-2025 12:00**
Client ID: Run ID: **WetChem_HS_519786** SeqNo: **8988319** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Ammonia (as N)	10.14	0.200	10	0	101	85 - 115				

MS Sample ID: **HS25080693-05MS** Units: **mg/L** Analysis Date: **15-Aug-2025 12:00**
Client ID: Run ID: **WetChem_HS_519786** SeqNo: **8988322** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Ammonia (as N)	10.5	0.200	10	0.24	103	80 - 120				

MSD Sample ID: **HS25080693-05MSD** Units: **mg/L** Analysis Date: **15-Aug-2025 12:00**
Client ID: Run ID: **WetChem_HS_519786** SeqNo: **8988321** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Ammonia (as N)	10.09	0.200	10	0.24	98.5	80 - 120	10.5	3.91	20	

The following samples were analyzed in this batch: HS25080559-01 HS25080559-02 HS25080559-03 HS25080559-04 HS25080559-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080559

QC BATCH REPORT

Batch ID: R520197 (0) **Instrument: Balance1** **Method: OIL & GREASE BY E1664A**

MBLK Sample ID: **WMBLK-08212025** Units: **mg/L** Analysis Date: **21-Aug-2025 06:25**
Client ID: Run ID: **Balance1_520197** SeqNo: **8997092** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Oil and Grease	U	2.00								

LCS Sample ID: **LCS-08212025** Units: **mg/L** Analysis Date: **21-Aug-2025 06:25**
Client ID: Run ID: **Balance1_520197** SeqNo: **8997090** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Oil and Grease	41.2	2.00	40	0	103	78 - 114				

LCSD Sample ID: **LCSD-08212025** Units: **mg/L** Analysis Date: **21-Aug-2025 06:25**
Client ID: Run ID: **Balance1_520197** SeqNo: **8997091** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Oil and Grease	41.6	2.00	40	0	104	78 - 114	41.2	0.966	18	

MS Sample ID: **HS25080751-01MS** Units: **mg/L** Analysis Date: **21-Aug-2025 06:25**
Client ID: Run ID: **Balance1_520197** SeqNo: **8997079** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Oil and Grease	40.5	2.00	40	3.636	92.2	78 - 114				

The following samples were analyzed in this batch: HS25080559-01 HS25080559-02 HS25080559-03 HS25080559-04 HS25080559-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080559

QC BATCH REPORT

Batch ID: R520394 (0) **Instrument:** WetChem_HS **Method:** RESIDUAL CHLORINE BY SM4500CL F

MBLK Sample ID: **MBLK-R520394** Units: **mg/L** Analysis Date: **25-Aug-2025 13:46**
Client ID: Run ID: **WetChem_HS_520394** SeqNo: **9001457** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chlorine	U	0.10								

LCS Sample ID: **LCS-R520394** Units: **mg/L** Analysis Date: **25-Aug-2025 13:46**
Client ID: Run ID: **WetChem_HS_520394** SeqNo: **9001456** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chlorine	2.5	0.10	2.6	0	96.2	85 - 115				

LCSD Sample ID: **LCSD-R520394** Units: **mg/L** Analysis Date: **25-Aug-2025 13:46**
Client ID: Run ID: **WetChem_HS_520394** SeqNo: **9001455** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chlorine	2.5	0.10	2.6	0	96.2	85 - 115	2.5	0	20	

MS Sample ID: **HS25080559-04MS** Units: **mg/L** Analysis Date: **25-Aug-2025 13:46**
Client ID: **004** Run ID: **WetChem_HS_520394** SeqNo: **9001458** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chlorine	2.6	0.10	2.6	0	100	80 - 120				

The following samples were analyzed in this batch: HS25080559-01 HS25080559-02 HS25080559-03 HS25080559-04 HS25080559-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: **HS25080559**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL/SDL

Acronym	Description
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

Unit Reported	Description
µg/L	Micrograms per Liter
mg/L	Milligrams per Liter
pH Units	

RIGHT SOLUTIONS | RIGHT PARTNER

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arizona	AZ0793	27-May-2026
Arkansas	88-00356_2024	17-Mar-2026
California	2919 - 2025	30-Apr-2026
Dept of Defense	L24-239	30-Apr-2026
Dept of Defense	L24-240	30-Apr-2026
Florida	E87611-2025	30-Jun-2026
Illinois	200032 - 2025	31-Jul-2026
Kansas	KS-C25-00168	31-Jul-2026
Kentucky	123043-2025	30-Apr-2026
Louisiana	03087-2025	30-Jun-2026
Maine	2024017	23-Jun-2026
Michigan	9971-2025	30-Apr-2026
Minnesota	2856348	31-Dec-2025
Missouri	136	30-Sep-2026
Nebraska	NE-OS-25-13 - 2025	30-Apr-2026
Nevada	NV-C25-00124 - 2025	31-Jul-2026
New Hampshire	209425	24-Apr-2026
New Jersey	TX008-2025	30-Jun-2026
New York	11707 - 2025	01-Apr-2026
North Carolina	624 - 2024	31-Dec-2025
North Dakota	R-193 2023-2024	30-Sep-2025
Oklahoma	2023-140	31-Aug-2025
Oregon	TX200002-013	15-May-2026
Pennsylvania	019	01-Jul-2026
Tennessee	TN	30-Apr-2026
Texas	T104704231 TX-C24-00130	30-Apr-2026

RIGHT SOLUTIONS | RIGHT PARTNER

Sample Receipt Checklist

Work Order ID: HS25080559 **Date/Time Received:** **12-Aug-2025 14:50**

Client Name: LBC **Received by:** **Chelsea Rogers**

Completed By:	/S/ Kaycee Rogers	12-Aug-2025 17:01	**Reviewed by:**	/S/ Beverly Mustafa	13-Aug-2025 08:39
	eSignature	Date/Time		eSignature	Date/Time

Matrices: **W** Carrier name: **Client**

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
VOA/TX1005/TX1006 Solids in hermetically sealed vials?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	1 Page(s)
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	COC IDs:345563
Samplers name present on COC?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	

Temperature(s)/Thermometer(s):	5.4UC/C, 3.6UC/C, 2.8UC/C, 2.1UC/C, 4.1UC/C	IR 37
Cooler(s)/Kit(s):	53824, 53549, 53948, 53949, 53944	
Date/Time sample(s) sent to storage:	08/12/2025 1701	

Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐
pH adjusted?	Yes ☐	No ☑	N/A ☐
pH adjusted by:			

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

Corrective Action:

RIGHT SOLUTIONS | RIGHT PARTNER

Cincinnati, OH +1 513 733 5336
Everett, WA +1 425 356 2600
Fort Collins, CO +1 970 490 1511
Holland, MI +1 616 399 6070

Chain of Custody For

Page ____ of ____

COC ID: 345563

HS25080559

LBC Houston/Baton Rouge
NPDES Permit

ALS Project Manager:

Customer Information		Project Information	
Purchase Order		Project Name	NPDES Permit
Work Order		Project Number	
Company Name	LBC Houston/Baton Rouge	Bill To Company	LBC Houston
Send Report To	Bobby Panepinto	Invoice Attn	Accounts Payable
Address	11666 Port Rd.	Address	2625 Bay Area Boulevard Suite 200
City/State/Zip	Seabrook	City/State/Zip	Houston TX 77058
Phone	(281) 291-3402	Phone	(281) 291-3498
Fax		Fax	(281) 605-5246
e-Mail Address	b-panepinto@lbctt.com	e-Mail Address	payables@lbctt.com

A	VOC 624	(10) 10 ✓
B	SVOC 625,PCB 608	(10) (10) 5, 4
C	Metals 200.8, HG WW	(5) 7 ✓
D	Ammonia, TKN	(5)
E	Anions Cl,F,SO4,NO3,pH,TDS,TSS,Cr Hex,Cr Tr	(5) (10) 3 1 ✓ 1
F	Cyanide, Total	(5) 8 ✓ 1
G	BOD,CBOD, Diss Oygen, Rec Cl	(15) 2, 12, 14,
H	Phos, TOC, COD	~~5~~ 10 11, 9 ✓
I	O&G	(10) 13 ✓
J	SUB_Fecal Coliform, Enterococci (Envirodyne)	(10) 6 ✓

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	001	8-12-25	1230	W	As Provided	22	3	4	1	1	3	1	3	2	2	2	
2	002	8-12-25	1135	W	As Provided	22	3	4	1	1	3	1	3	2	2	2	
3	003	8-12-25	1035	W	As Provided	22	3	4	1	1	3	1	3	2	2	2	
4	004	8-12-25	0948	W	As Provided	22	3	4	1	1	3	1	3	2	2	2	
5	005	8-12-25	1330	W	As Provided	22	3	4	1	1	3	1	3	2	2	2	
6																	
7																	
8																	
9																	
10																	

Sampler(s) Please Print & Sign: TRACY MOSLEY

Shipment Method:

Required Turnaround Time: (Check Box) ☐ Other RUSH ☒ STD 10 Wk Days ☐ 5 Wk Days ☐ 2 Wk Days ☒ 24 Hour

Results Due Date:

Relinquished by:	Date: 8-12-25	Time: 14:50	Received by:	
Relinquished by:	Date:	Time:	Received by (Laboratory): CR 08/12/25 1450	
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

Notes:

Cooler ID	Cooler Temp.
IR37	CF0.0
53824	5.4
53549	3.6
53948	2.8
53549	2.1
52944	4.1

QC Package: (Check One Box Below)

- ☒ Level II Std QC
- ☐ Level III Std QC/Raw Data
- ☐ Level IV SW846/CLP
- ☐ Other
- ☐ TRRP Checklist
- ☐ TRRP Level IV

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

Copyright 2011 by ALS Environmental.

RIGHT SOLUTIONS | RIGHT PARTNER

eurofins | Built Environment Testing

Report for:

Alexis Dorenbosch, Andrew Neir
ALS Group USA, Houston
10450 Stancliff Rd., Suite 210
Houston, TX 77099

Regarding: Eurofins Built Environment Testing Central, LLC
Project: HS25080559
EML ID: 4183969

Approved by:

Business Unit Manager
Scott Ward

Dates of Analysis:
QuantiTray-sewage screen w/ Fecal coliform: 08-15-2025

Service SOPs: QuantiTray-sewage screen w/ Fecal coliform (EM-BT-S-1055)

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the samples as received and tested.

Eurofins Built Environment Testing Central, LLC ("the Company"), a member of the Eurofins Built Environment Testing group of companies, shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

RIGHT SOLUTIONS | RIGHT PARTNER

Eurofins Built Environment Testing Central, LLC
3113 Red Bluff Road, Pasadena, TX 77503
713-290-0223 www.eurofinsus.com/Built

Client: ALS Group USA, Houston
C/O: Alexis Dorenbosch, Andrew Neir
Re: HS25080559

Date of Sampling: 08-12-2025
Date of Receipt: 08-12-2025
Date of Report: 08-15-2025

MPN Quantitray

Location:	1: 001	2: 002	3: 003	4: 004	5: 005
Comments (see below)	None	None	None	None	None
Lab ID-Version‡:	20905560-1	20905561-1	20905562-1	20905563-1	20905564-1
Date Prepared	08/12/25	08/12/25	08/12/25	08/12/25	08/12/25
Date Analyzed	08/15/25	08/15/25	08/15/25	08/15/25	08/15/25
	MPN/100 ml	MPN/100 ml	MPN/100 ml	MPN/100 ml	MPN/100 ml
E. coli	832	1,540	2,020	> 4,840	67.6
Enterococcus	304.4	640.5	>2419.6	>2419.6	1986.3
Fecal coliform	> 4,840	> 4,840	> 4,840	> 4,840	> 4,840
Total coliform	2,020	> 4,840	2,020	> 4,840	> 4,840

Comments:

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

RIGHT SOLUTIONS | RIGHT PARTNER

Eurofins Built Environment Testing Central, LLC
3113 Red Bluff Road, Pasadena, TX 77503
713-290-0223 www.eurofinsus.com/Built

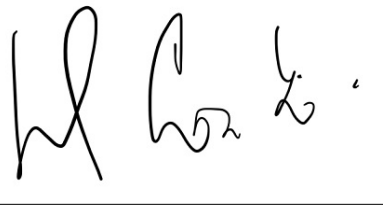
Client: ALS Group USA, Houston
C/O: Alexis Dorenbosch, Andrew Neir
Re: HS25080559

Date of Sampling: 08-12-2025
Date of Receipt: 08-12-2025
Date of Report: 08-15-2025

MPN Quantitray

PROJECT ANALYST AND SIGNATORY REPORT

Project Analyst



Analyst: Marjorie M Condis

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. The Company reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

RIGHT SOLUTIONS | RIGHT PARTNER

10450 Stancliff Rd. Suite 210
Houston, TX 77099
T: +1 281 530 5656
F: +1 281 530 5887

August 28, 2025

Bobby Panepinto
LBC Houston/Baton Rouge
11666 Port Rd.
Seabrook, TX 77586

Work Order: **HS25080693**

Laboratory Results for: **NPDES Permit**

Dear Bobby Panepinto,

ALS Environmental received 5 sample(s) on Aug 14, 2025 for the analysis presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

Generated By: JUMOKE.LAWAL
Sebastian Lugo
Project Manager

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Work Order: HS25080693

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS25080693-01	001	Water		14-Aug-2025 12:00	14-Aug-2025 14:44	☐
HS25080693-02	002	Water		14-Aug-2025 09:40	14-Aug-2025 14:44	☐
HS25080693-03	003	Water		14-Aug-2025 10:40	14-Aug-2025 14:44	☐
HS25080693-04	004	Water		14-Aug-2025 08:45	14-Aug-2025 14:44	☐
HS25080693-05	005	Water		14-Aug-2025 11:30	14-Aug-2025 14:44	☐

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge **CASE NARRATIVE**
Project: NPDES Permit
Work Order: HS25080693

Work Order Comments

- The analysis for Fecal Coliform was subcontracted to Eurofins Built Environment Testing Central, LLC in Pasadena, TX. Final report attached
- Sample received outside method holding time for pH. pH is an immediate test. Sample results are flagged with an "H" qualifier.

  The temperature at the time of pH is reported. Please note that all pH results are already normalized to a temperature of 25 °C.

  Chlorine and Oxygen, Dissolved are immediate tests. Samples are flagged with “H” qualifier.

Work Order Comments

- Log In Notes:

  Qty differs, received 21 samples not 22. Chain of Custody states 2 Fecal, received only 1

ECD Organics by Method E608

Batch ID: 231801

Sample ID: LCS1-231801

- Insufficient sample received to perform MS/MSD. LCS/LCSD provided as batch quality control.

GC Semivolatiles by Method SW8015

Batch ID: R520166

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

GCMS Semivolatiles by Method E625.1

Batch ID: 231757

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

GCMS Volatiles by Method E624.1

Batch ID: R519901

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

Metals by Method Calculation

Batch ID: R520687

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

Metals by Method E200.8

Batch ID: 232211

Sample ID: 001 (HS25080693-01MS)

- The MS and/or MSD recovery was outside of the control; however, the result in the parent sample is greater than 4x the spike amount. Aluminum.

Sample ID: HS25080671-04MS

- MS and MSD are for an unrelated sample

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge **CASE NARRATIVE**
Project: NPDES Permit
Work Order: HS25080693

Metals by Method E245.1

Batch ID: 231748

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method Hach 8000

Batch ID: R519925

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method M2540C

Batch ID: R520103

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method E1664A

Batch ID: R520579,R520700

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method SM4500CL F

Batch ID: R520394

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method SM5310B

Batch ID: R519944

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method E300

Batch ID: R519843

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method M4500-O G

Batch ID: R519733

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method SM4500H+ B

Batch ID: R519773

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method SM4500 NH3-D

Batch ID: R519786

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge **CASE NARRATIVE**
Project: NPDES Permit
Work Order: HS25080693

WetChemistry by Method M2540D

Batch ID: R519823,R519900

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method SW7196

Batch ID: R519789

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method M4500 NH3 D

Batch ID: 231983,R520711

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method M4500CN EG

Batch ID: 231871,231953

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method E365.3

Batch ID: 231799

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method SM5210 B

Batch ID: 231751,231753

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 001
Collection Date: 14-Aug-2025 12:00

ANALYTICAL REPORT
WorkOrder:HS25080693
Lab ID:HS25080693-01
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY EPA 624.1	**Method:E624.1**						Analyst: DP
1,1,1-Trichloroethane	U		0.24	1.0	ug/L	1	16-Aug-2025 04:51
1,1-Dichloroethene	U		0.22	1.0	ug/L	1	16-Aug-2025 04:51
1,2-Dibromoethane	U		0.30	2.0	ug/L	1	16-Aug-2025 04:51
1,2-Dichloroethane	U		0.41	2.0	ug/L	1	16-Aug-2025 04:51
1,4-Dichlorobenzene	U		0.35	2.0	ug/L	1	16-Aug-2025 04:51
2-Butanone	U		1.5	10	ug/L	1	16-Aug-2025 04:51
Benzene	U		0.28	1.0	ug/L	1	16-Aug-2025 04:51
Carbon Tetrachloride	U		0.34	2.0	ug/L	1	16-Aug-2025 04:51
Chlorobenzene	U		0.36	2.0	ug/L	1	16-Aug-2025 04:51
Chloroform	U		0.32	2.0	ug/L	1	16-Aug-2025 04:51
Dibromochloromethane	U		0.39	2.0	ug/L	1	16-Aug-2025 04:51
Hexachlorobutadiene	U		2.5	10	ug/L	1	16-Aug-2025 04:51
Tetrachloroethene	U		0.30	2.0	ug/L	1	16-Aug-2025 04:51
Total Trihalomethanes (TTHMs)	U		1.6	5.0	ug/L	1	16-Aug-2025 04:51
Trichloroethene	U		0.35	2.0	ug/L	1	16-Aug-2025 04:51
Vinyl Chloride	U		0.23	1.0	ug/L	1	16-Aug-2025 04:51
Surr: 1,2-Dichloroethane-d4	*103*			*60-140*	*%REC*	*1*	*16-Aug-2025 04:51*
Surr: 4-Bromofluorobenzene	*102*			*60-140*	*%REC*	*1*	*16-Aug-2025 04:51*
Surr: Dibromofluoromethane	*96.2*			*80-120*	*%REC*	*1*	*16-Aug-2025 04:51*
Surr: Toluene-d8	*101*			*60-140*	*%REC*	*1*	*16-Aug-2025 04:51*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 001
Collection Date: 14-Aug-2025 12:00

ANALYTICAL REPORT
WorkOrder:HS25080693
Lab ID:HS25080693-01
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
SEMIVOLATILES BY E625.1		**Method:E625.1**			Prep:E625 / 15-Aug-2025		Analyst: GEY
1,2,4,5-Tetrachlorobenzene	U		0.067	0.20	ug/L	1	18-Aug-2025 15:58
2,4,5-Trichlorophenol	U		0.057	0.20	ug/L	1	18-Aug-2025 15:58
2-Methylphenol	U		0.033	0.20	ug/L	1	18-Aug-2025 15:58
3&4-Methylphenol	U		0.044	0.40	ug/L	1	18-Aug-2025 15:58
4,6-Dinitro-2-methylphenol	U		0.37	1.0	ug/L	1	18-Aug-2025 15:58
4-Chloro-3-methylphenol	U		0.073	0.20	ug/L	1	18-Aug-2025 15:58
Benz(a)anthracene	U		0.013	0.10	ug/L	1	18-Aug-2025 15:58
Benzidine	U		0.018	0.20	ug/L	1	18-Aug-2025 15:58
Benzo(a)pyrene	U		0.070	0.10	ug/L	1	18-Aug-2025 15:58
Chrysene	U		0.034	0.10	ug/L	1	18-Aug-2025 15:58
Hexachlorobenzene	U		0.090	0.20	ug/L	1	18-Aug-2025 15:58
Hexachloroethane	U		0.045	0.20	ug/L	1	18-Aug-2025 15:58
N-Nitroso-di-n-butylamine	U		0.12	0.20	ug/L	1	18-Aug-2025 15:58
N-Nitrosodiethylamine	U		0.047	0.20	ug/L	1	18-Aug-2025 15:58
Nitrobenzene	U		0.068	0.20	ug/L	1	18-Aug-2025 15:58
Pentachlorobenzene	U		0.035	0.20	ug/L	1	18-Aug-2025 15:58
Pentachlorophenol	U		0.16	0.20	ug/L	1	18-Aug-2025 15:58
Phenanthrene	U		0.038	0.10	ug/L	1	18-Aug-2025 15:58
Pyridine	U		0.088	0.10	ug/L	1	18-Aug-2025 15:58
Surr: 2,4,6-Tribromophenol	*57.5*			*34-129*	*%REC*	*1*	*18-Aug-2025 15:58*
Surr: 2-Fluorobiphenyl	*52.0*			*40-125*	*%REC*	*1*	*18-Aug-2025 15:58*
Surr: 2-Fluorophenol	*68.7*			*20-120*	*%REC*	*1*	*18-Aug-2025 15:58*
Surr: 4-Terphenyl-d14	*51.9*			*40-135*	*%REC*	*1*	*18-Aug-2025 15:58*
Surr: Nitrobenzene-d5	*44.5*			*41-120*	*%REC*	*1*	*18-Aug-2025 15:58*
Surr: Phenol-d6	*67.0*			*20-120*	*%REC*	*1*	*18-Aug-2025 15:58*
MISC. GCFID PARAMETERS BY SW8015C		**Method:SW8015**					Analyst: RG
Ethylene Glycol	U		0.13	2.0	mg/L	1	20-Aug-2025 16:35
CHLORINATED PEST/PCBS BY E608		**Method:E608**			Prep:E608 / 18-Aug-2025		Analyst: CC
Aroclor 1016	U		0.200	0.500	ug/L	1	19-Aug-2025 00:00
Aroclor 1221	U		0.200	0.500	ug/L	1	19-Aug-2025 00:00
Aroclor 1232	U		0.200	0.500	ug/L	1	19-Aug-2025 00:00
Aroclor 1242	U		0.200	0.500	ug/L	1	19-Aug-2025 00:00
Aroclor 1248	U		0.200	0.500	ug/L	1	19-Aug-2025 00:00
Aroclor 1254	U		0.200	0.500	ug/L	1	19-Aug-2025 00:00
Aroclor 1260	U		0.200	0.500	ug/L	1	19-Aug-2025 00:00
Surr: Decachlorobiphenyl	*77.9*			*61-154*	*%REC*	*1*	*19-Aug-2025 00:00*
Surr: Tetrachlor-m-xylene	*73.1*			*60-144*	*%REC*	*1*	*19-Aug-2025 00:00*
TRIVALENT CHROMIUM		**Method:Calculation**					Analyst: MSC
Chromium, Trivalent	U	n	0.0100	0.0100	mg/L	1	28-Aug-2025 11:01

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 001
Collection Date: 14-Aug-2025 12:00

ANALYTICAL REPORT
WorkOrder:HS25080693
Lab ID:HS25080693-01
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
TOTAL METALS BY E200.8, REV 5.4, 1994		**Method:E200.8**			Prep:E200.8 / 27-Aug-2025		Analyst: JC
Aluminum	**457**		**0.800**	**10.0**	**ug/L**	1	28-Aug-2025 11:18
Antimony	**1.44**	J	**0.530**	**5.00**	**ug/L**	1	28-Aug-2025 11:18
Arsenic	**3.14**		**0.250**	**2.00**	**ug/L**	1	28-Aug-2025 11:18
Barium	**87.0**		**0.0840**	**4.00**	**ug/L**	1	28-Aug-2025 11:18
Beryllium	U		0.0910	5.00	ug/L	1	28-Aug-2025 11:18
Cadmium	**0.166**	J	**0.0770**	**2.00**	**ug/L**	1	28-Aug-2025 11:18
Chromium	**6.68**		**0.251**	**4.00**	**ug/L**	1	28-Aug-2025 11:18
Copper	**6.97**		**0.170**	**2.00**	**ug/L**	1	28-Aug-2025 11:18
Lead	**1.17**	J	**0.120**	**2.00**	**ug/L**	1	28-Aug-2025 11:18
Nickel	**1.54**	J	**0.110**	**2.00**	**ug/L**	1	28-Aug-2025 11:18
Selenium	U		0.860	2.00	ug/L	1	28-Aug-2025 11:18
Silver	U		0.0440	2.00	ug/L	1	28-Aug-2025 11:18
Thallium	U		0.250	2.00	ug/L	1	28-Aug-2025 11:18
Zinc	**67.1**		**1.00**	**4.00**	**ug/L**	1	28-Aug-2025 11:18
MERCURY BY E245.1, R3.0, 1994		**Method:E245.1**			Prep:E245.1 / 15-Aug-2025		Analyst: JS
Mercury	U		0.0000300	0.000200	mg/L	1	15-Aug-2025 14:36
OIL & GREASE BY E1664A		**Method:E1664A**					Analyst: MC
Oil and Grease	**4.29**		**0.610**	**2.00**	**mg/L**	1	27-Aug-2025 06:35
ANIONS BY E300.0, REV 2.1, 1993		**Method:E300**					Analyst: TH
Chloride	**35.4**		**0.200**	**0.500**	**mg/L**	1	15-Aug-2025 07:10
Fluoride	**0.438**		**0.0500**	**0.100**	**mg/L**	1	15-Aug-2025 07:10
Nitrogen, Nitrate (As N)	**0.548**		**0.0300**	**0.100**	**mg/L**	1	15-Aug-2025 07:10
Sulfate	**104**		**1.00**	**2.50**	**mg/L**	5	15-Aug-2025 09:54
PHOSPHORUS BY E365.3-1978		**Method:E365.3**			Prep:E365.3 / 18-Aug-2025		Analyst: SG
Phosphorus, Total (As P)	**0.138**		**0.0120**	**0.0500**	**mg/L**	1	18-Aug-2025 13:17
CHEMICAL OXYGEN DEMAND BY HACH 8000		**Method:Hach 8000**					Analyst: TH
Chemical Oxygen Demand	**27.0**		**5.00**	**15.0**	**mg/L**	1	18-Aug-2025 11:30
TOTAL DISSOLVED SOLIDS BY SM2540C		**Method:M2540C**					Analyst: HB
Total Dissolved Solids (Residue, Filterable)	**380**		**3.00**	**10.0**	**mg/L**	1	20-Aug-2025 07:00
TOTAL SUSPENDED SOLIDS BY SM 2540D		**Method:M2540D**					Analyst: HB
Suspended Solids (Residue, Non -Filterable)	**23.3**		**1.68**	**4.00**	**mg/L**	1	16-Aug-2025 09:00
ORGANIC NITROGEN BY SM4500-NH3D MINUS NH3F		**Method:M4500 NH3 D**					Analyst: HB
Nitrogen, Organic	**0.78**		**0.50**	**0.50**	**mg/L**	1	28-Aug-2025 14:50
TOTAL KJELDAHL NITROGEN BY SM4500 NH3 D		**Method:M4500 NH3 D**			Prep:M4500-N C / 21-Aug-2025		Analyst: MH
Nitrogen, Total Kjeldahl	**1.0**		**0.44**	**1.0**	**mg/L**	1	21-Aug-2025 12:30
CYANIDE BY SM 4500CN E&G		**Method:M4500CN EG**			Prep:M4500CN E&G / 19-Aug-2025		Analyst: SG
Cyanide	U		0.00200	0.00500	mg/L	1	19-Aug-2025 13:08

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 001
Collection Date: 14-Aug-2025 12:00

ANALYTICAL REPORT
WorkOrder:HS25080693
Lab ID:HS25080693-01
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED OXYGEN BY SM4500-O G		**Method:M4500-O G**					Analyst: OZ
Oxygen, Dissolved	**9.05**	H	**1.00**	**1.00**	**mg/L**	1	14-Aug-2025 18:00
AMMONIA AS N BY SM4500 NH3-D (ISE)		**Method:SM4500 NH3-D**					Analyst: MH
Nitrogen, Ammonia (as N)	**0.215**		**0.0300**	**0.200**	**mg/L**	1	15-Aug-2025 12:00
RESIDUAL CHLORINE BY SM4500CL F		**Method:SM4500CL F**					Analyst: MC
Chlorine	**1.0**	H	**0.10**	**0.10**	**mg/L**	1	25-Aug-2025 13:46
PH BY SM4500H+ B		**Method:SM4500H+ B**					Analyst: OZ
pH	**8.55**	H	**0.100**	**1.00**	**pH Units**	1	14-Aug-2025 20:57
Temp Deg C @pH	**23.7**	H	**0**	**0**	**°C**	1	14-Aug-2025 20:57
BIOCHEMICAL OXYGEN DEMAND (BOD) BY SM5210B		**Method:SM5210 B**			Prep:SM5210 B / 15-Aug-2025		Analyst: OZ
Biochemical Oxygen Demand	**4.07**		**2.00**	**2.00**	**mg/L**	1	20-Aug-2025 22:11
CBOD BY SM5210B		**Method:SM5210 B**			Prep:SM5210 B / 15-Aug-2025		Analyst: OZ
Carbonaceous Biochemical Oxygen Demand	**3.73**		**2.00**	**2.00**	**mg/L**	1	20-Aug-2025 23:18
TOTAL ORGANIC CARBON - SM5310B		**Method:SM5310B**					Analyst: DH
Organic Carbon, Total	**5.52**		**0.500**	**1.00**	**mg/L**	1	15-Aug-2025 13:56
HEXAVALENT CHROMIUM BY SW7196A		**Method:SW7196**					Analyst: MH
Chromium, Hexavalent	**0.00300**	J	**0.00240**	**0.0100**	**mg/L**	1	15-Aug-2025 08:02
SUBCONTRACT ANALYSIS - FECAL COLIFORM		**Method:NA**					Analyst: SUB
Subcontract Analysis	See Attached		0			1	25-Aug-2025 08:34

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 002
Collection Date: 14-Aug-2025 09:40

ANALYTICAL REPORT
WorkOrder:HS25080693
Lab ID:HS25080693-02
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY EPA 624.1	**Method:E624.1**						Analyst: DP
1,1,1-Trichloroethane	U		0.24	1.0	ug/L	1	16-Aug-2025 05:13
1,1-Dichloroethene	U		0.22	1.0	ug/L	1	16-Aug-2025 05:13
1,2-Dibromoethane	U		0.30	2.0	ug/L	1	16-Aug-2025 05:13
1,2-Dichloroethane	U		0.41	2.0	ug/L	1	16-Aug-2025 05:13
1,4-Dichlorobenzene	U		0.35	2.0	ug/L	1	16-Aug-2025 05:13
2-Butanone	U		1.5	10	ug/L	1	16-Aug-2025 05:13
Benzene	U		0.28	1.0	ug/L	1	16-Aug-2025 05:13
Carbon Tetrachloride	U		0.34	2.0	ug/L	1	16-Aug-2025 05:13
Chlorobenzene	U		0.36	2.0	ug/L	1	16-Aug-2025 05:13
Chloroform	U		0.32	2.0	ug/L	1	16-Aug-2025 05:13
Dibromochloromethane	U		0.39	2.0	ug/L	1	16-Aug-2025 05:13
Hexachlorobutadiene	U		2.5	10	ug/L	1	16-Aug-2025 05:13
Tetrachloroethene	U		0.30	2.0	ug/L	1	16-Aug-2025 05:13
Total Trihalomethanes (TTHMs)	U		1.6	5.0	ug/L	1	16-Aug-2025 05:13
Trichloroethene	U		0.35	2.0	ug/L	1	16-Aug-2025 05:13
Vinyl Chloride	U		0.23	1.0	ug/L	1	16-Aug-2025 05:13
Surr: 1,2-Dichloroethane-d4	*105*			*60-140*	*%REC*	*1*	*16-Aug-2025 05:13*
Surr: 4-Bromofluorobenzene	*106*			*60-140*	*%REC*	*1*	*16-Aug-2025 05:13*
Surr: Dibromofluoromethane	*98.9*			*80-120*	*%REC*	*1*	*16-Aug-2025 05:13*
Surr: Toluene-d8	*104*			*60-140*	*%REC*	*1*	*16-Aug-2025 05:13*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 002
Collection Date: 14-Aug-2025 09:40

ANALYTICAL REPORT
WorkOrder:HS25080693
Lab ID:HS25080693-02
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
SEMIVOLATILES BY E625.1		**Method:E625.1**			Prep:E625 / 15-Aug-2025		Analyst: GEY
1,2,4,5-Tetrachlorobenzene	U		0.067	0.20	ug/L	1	18-Aug-2025 16:22
2,4,5-Trichlorophenol	U		0.057	0.20	ug/L	1	18-Aug-2025 16:22
2-Methylphenol	U		0.033	0.20	ug/L	1	18-Aug-2025 16:22
3&4-Methylphenol	U		0.044	0.40	ug/L	1	18-Aug-2025 16:22
4,6-Dinitro-2-methylphenol	U		0.37	1.0	ug/L	1	18-Aug-2025 16:22
4-Chloro-3-methylphenol	U		0.073	0.20	ug/L	1	18-Aug-2025 16:22
Benz(a)anthracene	U		0.013	0.10	ug/L	1	18-Aug-2025 16:22
Benzidine	U		0.018	0.20	ug/L	1	18-Aug-2025 16:22
Benzo(a)pyrene	U		0.070	0.10	ug/L	1	18-Aug-2025 16:22
Chrysene	U		0.034	0.10	ug/L	1	18-Aug-2025 16:22
Hexachlorobenzene	U		0.090	0.20	ug/L	1	18-Aug-2025 16:22
Hexachloroethane	U		0.045	0.20	ug/L	1	18-Aug-2025 16:22
N-Nitroso-di-n-butylamine	U		0.12	0.20	ug/L	1	18-Aug-2025 16:22
N-Nitrosodiethylamine	U		0.047	0.20	ug/L	1	18-Aug-2025 16:22
Nitrobenzene	U		0.068	0.20	ug/L	1	18-Aug-2025 16:22
Pentachlorobenzene	U		0.035	0.20	ug/L	1	18-Aug-2025 16:22
Pentachlorophenol	U		0.16	0.20	ug/L	1	18-Aug-2025 16:22
Phenanthrene	U		0.038	0.10	ug/L	1	18-Aug-2025 16:22
Pyridine	U		0.088	0.10	ug/L	1	18-Aug-2025 16:22
Surr: 2,4,6-Tribromophenol	*69.8*			*34-129*	*%REC*	*1*	*18-Aug-2025 16:22*
Surr: 2-Fluorobiphenyl	*57.7*			*40-125*	*%REC*	*1*	*18-Aug-2025 16:22*
Surr: 2-Fluorophenol	*61.4*			*20-120*	*%REC*	*1*	*18-Aug-2025 16:22*
Surr: 4-Terphenyl-d14	*57.3*			*40-135*	*%REC*	*1*	*18-Aug-2025 16:22*
Surr: Nitrobenzene-d5	*48.7*			*41-120*	*%REC*	*1*	*18-Aug-2025 16:22*
Surr: Phenol-d6	*65.5*			*20-120*	*%REC*	*1*	*18-Aug-2025 16:22*
MISC. GCFID PARAMETERS BY SW8015C		**Method:SW8015**					Analyst: RG
Ethylene Glycol	U		0.13	2.0	mg/L	1	20-Aug-2025 16:51
CHLORINATED PEST/PCBS BY E608		**Method:E608**			Prep:E608 / 18-Aug-2025		Analyst: CC
Aroclor 1016	U		0.200	0.500	ug/L	1	19-Aug-2025 00:54
Aroclor 1221	U		0.200	0.500	ug/L	1	19-Aug-2025 00:54
Aroclor 1232	U		0.200	0.500	ug/L	1	19-Aug-2025 00:54
Aroclor 1242	U		0.200	0.500	ug/L	1	19-Aug-2025 00:54
Aroclor 1248	U		0.200	0.500	ug/L	1	19-Aug-2025 00:54
Aroclor 1254	U		0.200	0.500	ug/L	1	19-Aug-2025 00:54
Aroclor 1260	U		0.200	0.500	ug/L	1	19-Aug-2025 00:54
Surr: Decachlorobiphenyl	*82.1*			*61-154*	*%REC*	*1*	*19-Aug-2025 00:54*
Surr: Tetrachlor-m-xylene	*73.9*			*60-144*	*%REC*	*1*	*19-Aug-2025 00:54*
TRIVALENT CHROMIUM		**Method:Calculation**					Analyst: MSC
Chromium, Trivalent	U	n	0.0100	0.0100	mg/L	1	28-Aug-2025 11:01

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 002
Collection Date: 14-Aug-2025 09:40

ANALYTICAL REPORT
WorkOrder:HS25080693
Lab ID:HS25080693-02
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
TOTAL METALS BY E200.8, REV 5.4, 1994		**Method:E200.8**			Prep:E200.8 / 27-Aug-2025		Analyst: JC
Aluminum	**390**		**0.800**	**10.0**	**ug/L**	1	28-Aug-2025 11:30
Antimony	**1.01**	J	**0.530**	**5.00**	**ug/L**	1	28-Aug-2025 11:30
Arsenic	**2.16**		**0.250**	**2.00**	**ug/L**	1	28-Aug-2025 11:30
Barium	**76.8**		**0.0840**	**4.00**	**ug/L**	1	28-Aug-2025 11:30
Beryllium	U		0.0910	5.00	ug/L	1	28-Aug-2025 11:30
Cadmium	U		0.0770	2.00	ug/L	1	28-Aug-2025 11:30
Chromium	**3.00**	J	**0.251**	**4.00**	**ug/L**	1	28-Aug-2025 11:30
Copper	**3.66**		**0.170**	**2.00**	**ug/L**	1	28-Aug-2025 11:30
Lead	**0.571**	J	**0.120**	**2.00**	**ug/L**	1	28-Aug-2025 11:30
Nickel	**1.84**	J	**0.110**	**2.00**	**ug/L**	1	28-Aug-2025 11:30
Selenium	U		0.860	2.00	ug/L	1	28-Aug-2025 11:30
Silver	U		0.0440	2.00	ug/L	1	28-Aug-2025 11:30
Thallium	U		0.250	2.00	ug/L	1	28-Aug-2025 11:30
Zinc	**26.5**		**1.00**	**4.00**	**ug/L**	1	28-Aug-2025 11:30
MERCURY BY E245.1, R3.0, 1994		**Method:E245.1**			Prep:E245.1 / 15-Aug-2025		Analyst: JS
Mercury	U		0.0000300	0.000200	mg/L	1	15-Aug-2025 14:46
OIL & GREASE BY E1664A		**Method:E1664A**					Analyst: MC
Oil and Grease	**4.09**		**0.610**	**2.00**	**mg/L**	1	27-Aug-2025 06:35
ANIONS BY E300.0, REV 2.1, 1993		**Method:E300**					Analyst: TH
Chloride	**15.2**		**0.200**	**0.500**	**mg/L**	1	15-Aug-2025 07:16
Fluoride	**0.850**		**0.0500**	**0.100**	**mg/L**	1	15-Aug-2025 07:16
Nitrogen, Nitrate (As N)	**1.29**		**0.0300**	**0.100**	**mg/L**	1	15-Aug-2025 07:16
Sulfate	**179**		**1.00**	**2.50**	**mg/L**	5	15-Aug-2025 10:11
PHOSPHORUS BY E365.3-1978		**Method:E365.3**			Prep:E365.3 / 18-Aug-2025		Analyst: SG
Phosphorus, Total (As P)	**0.0580**		**0.0120**	**0.0500**	**mg/L**	1	18-Aug-2025 13:17
CHEMICAL OXYGEN DEMAND BY HACH 8000		**Method:Hach 8000**					Analyst: TH
Chemical Oxygen Demand	**22.0**		**5.00**	**15.0**	**mg/L**	1	18-Aug-2025 11:30
TOTAL DISSOLVED SOLIDS BY SM2540C		**Method:M2540C**					Analyst: HB
Total Dissolved Solids (Residue, Filterable)	**372**		**3.00**	**10.0**	**mg/L**	1	20-Aug-2025 07:00
TOTAL SUSPENDED SOLIDS BY SM 2540D		**Method:M2540D**					Analyst: HB
Suspended Solids (Residue, Non -Filterable)	**13.7**		**1.68**	**4.00**	**mg/L**	1	18-Aug-2025 10:00
ORGANIC NITROGEN BY SM4500-NH3D MINUS NH3F		**Method:M4500 NH3 D**					Analyst: HB
Nitrogen, Organic	**0.56**		**0.50**	**0.50**	**mg/L**	1	28-Aug-2025 14:50
TOTAL KJELDAHL NITROGEN BY SM4500 NH3 D		**Method:M4500 NH3 D**			Prep:M4500-N C / 21-Aug-2025		Analyst: MH
Nitrogen, Total Kjeldahl	**0.86**	J	**0.44**	**1.0**	**mg/L**	1	21-Aug-2025 12:30
CYANIDE BY SM 4500CN E&G		**Method:M4500CN EG**			Prep:M4500CN E&G / 19-Aug-2025		Analyst: SG
Cyanide	U		0.00200	0.00500	mg/L	1	19-Aug-2025 13:08

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 002
Collection Date: 14-Aug-2025 09:40

ANALYTICAL REPORT
WorkOrder:HS25080693
Lab ID:HS25080693-02
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED OXYGEN BY SM4500-O G		**Method:M4500-O G**					Analyst: OZ
Oxygen, Dissolved	**9.68**	H	**1.00**	**1.00**	**mg/L**	1	14-Aug-2025 18:00
AMMONIA AS N BY SM4500 NH3-D (ISE)		**Method:SM4500 NH3-D**					Analyst: MH
Nitrogen, Ammonia (as N)	**0.299**		**0.0300**	**0.200**	**mg/L**	1	15-Aug-2025 12:00
RESIDUAL CHLORINE BY SM4500CL F		**Method:SM4500CL F**					Analyst: MC
Chlorine	**1.0**	H	**0.10**	**0.10**	**mg/L**	1	25-Aug-2025 13:46
PH BY SM4500H+ B		**Method:SM4500H+ B**					Analyst: OZ
pH	**7.98**	H	**0.100**	**1.00**	**pH Units**	1	14-Aug-2025 21:02
Temp Deg C @pH	**23.5**	H	**0**	**0**	**°C**	1	14-Aug-2025 21:02
BIOCHEMICAL OXYGEN DEMAND (BOD) BY SM5210B		**Method:SM5210 B**			Prep:SM5210 B / 15-Aug-2025		Analyst: OZ
Biochemical Oxygen Demand	**2.51**		**2.00**	**2.00**	**mg/L**	1	20-Aug-2025 22:11
CBOD BY SM5210B		**Method:SM5210 B**			Prep:SM5210 B / 15-Aug-2025		Analyst: OZ
Carbonaceous Biochemical Oxygen Demand	**2.14**		**2.00**	**2.00**	**mg/L**	1	20-Aug-2025 23:18
TOTAL ORGANIC CARBON - SM5310B		**Method:SM5310B**					Analyst: DH
Organic Carbon, Total	**5.79**		**0.500**	**1.00**	**mg/L**	1	15-Aug-2025 14:18
HEXAVALENT CHROMIUM BY SW7196A		**Method:SW7196**					Analyst: MH
Chromium, Hexavalent	**0.00300**	J	**0.00240**	**0.0100**	**mg/L**	1	15-Aug-2025 08:02
SUBCONTRACT ANALYSIS - FECAL COLIFORM		**Method:NA**					Analyst: SUB
Subcontract Analysis	See Attached		0			1	25-Aug-2025 08:34

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 003
Collection Date: 14-Aug-2025 10:40

ANALYTICAL REPORT
WorkOrder:HS25080693
Lab ID:HS25080693-03
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY EPA 624.1	**Method:E624.1**						Analyst: DP
1,1,1-Trichloroethane	U		0.24	1.0	ug/L	1	16-Aug-2025 05:35
1,1-Dichloroethene	U		0.22	1.0	ug/L	1	16-Aug-2025 05:35
1,2-Dibromoethane	U		0.30	2.0	ug/L	1	16-Aug-2025 05:35
1,2-Dichloroethane	U		0.41	2.0	ug/L	1	16-Aug-2025 05:35
1,4-Dichlorobenzene	U		0.35	2.0	ug/L	1	16-Aug-2025 05:35
2-Butanone	U		1.5	10	ug/L	1	16-Aug-2025 05:35
Benzene	U		0.28	1.0	ug/L	1	16-Aug-2025 05:35
Carbon Tetrachloride	U		0.34	2.0	ug/L	1	16-Aug-2025 05:35
Chlorobenzene	U		0.36	2.0	ug/L	1	16-Aug-2025 05:35
Chloroform	U		0.32	2.0	ug/L	1	16-Aug-2025 05:35
Dibromochloromethane	U		0.39	2.0	ug/L	1	16-Aug-2025 05:35
Hexachlorobutadiene	U		2.5	10	ug/L	1	16-Aug-2025 05:35
Tetrachloroethene	U		0.30	2.0	ug/L	1	16-Aug-2025 05:35
Total Trihalomethanes (TTHMs)	U		1.6	5.0	ug/L	1	16-Aug-2025 05:35
Trichloroethene	U		0.35	2.0	ug/L	1	16-Aug-2025 05:35
Vinyl Chloride	U		0.23	1.0	ug/L	1	16-Aug-2025 05:35
Surr: 1,2-Dichloroethane-d4	*104*			*60-140*	*%REC*	*1*	*16-Aug-2025 05:35*
Surr: 4-Bromofluorobenzene	*109*			*60-140*	*%REC*	*1*	*16-Aug-2025 05:35*
Surr: Dibromofluoromethane	*97.2*			*80-120*	*%REC*	*1*	*16-Aug-2025 05:35*
Surr: Toluene-d8	*102*			*60-140*	*%REC*	*1*	*16-Aug-2025 05:35*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 003
Collection Date: 14-Aug-2025 10:40

ANALYTICAL REPORT
WorkOrder:HS25080693
Lab ID:HS25080693-03
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
SEMIVOLATILES BY E625.1		**Method:E625.1**			Prep:E625 / 15-Aug-2025		Analyst: GEY
1,2,4,5-Tetrachlorobenzene	U		0.067	0.20	ug/L	1	18-Aug-2025 16:47
2,4,5-Trichlorophenol	U		0.057	0.20	ug/L	1	18-Aug-2025 16:47
2-Methylphenol	U		0.033	0.20	ug/L	1	18-Aug-2025 16:47
3&4-Methylphenol	U		0.044	0.40	ug/L	1	18-Aug-2025 16:47
4,6-Dinitro-2-methylphenol	U		0.37	1.0	ug/L	1	18-Aug-2025 16:47
4-Chloro-3-methylphenol	U		0.073	0.20	ug/L	1	18-Aug-2025 16:47
Benz(a)anthracene	U		0.013	0.10	ug/L	1	18-Aug-2025 16:47
Benzidine	U		0.018	0.20	ug/L	1	18-Aug-2025 16:47
Benzo(a)pyrene	U		0.070	0.10	ug/L	1	18-Aug-2025 16:47
Chrysene	U		0.034	0.10	ug/L	1	18-Aug-2025 16:47
Hexachlorobenzene	U		0.090	0.20	ug/L	1	18-Aug-2025 16:47
Hexachloroethane	U		0.045	0.20	ug/L	1	18-Aug-2025 16:47
N-Nitroso-di-n-butylamine	U		0.12	0.20	ug/L	1	18-Aug-2025 16:47
N-Nitrosodiethylamine	U		0.047	0.20	ug/L	1	18-Aug-2025 16:47
Nitrobenzene	U		0.068	0.20	ug/L	1	18-Aug-2025 16:47
Pentachlorobenzene	U		0.035	0.20	ug/L	1	18-Aug-2025 16:47
Pentachlorophenol	U		0.16	0.20	ug/L	1	18-Aug-2025 16:47
Phenanthrene	U		0.038	0.10	ug/L	1	18-Aug-2025 16:47
Pyridine	U		0.088	0.10	ug/L	1	18-Aug-2025 16:47
Surr: 2,4,6-Tribromophenol	*59.2*			*34-129*	*%REC*	*1*	*18-Aug-2025 16:47*
Surr: 2-Fluorobiphenyl	*51.0*			*40-125*	*%REC*	*1*	*18-Aug-2025 16:47*
Surr: 2-Fluorophenol	*57.4*			*20-120*	*%REC*	*1*	*18-Aug-2025 16:47*
Surr: 4-Terphenyl-d14	*51.0*			*40-135*	*%REC*	*1*	*18-Aug-2025 16:47*
Surr: Nitrobenzene-d5	*41.6*			*41-120*	*%REC*	*1*	*18-Aug-2025 16:47*
Surr: Phenol-d6	*60.3*			*20-120*	*%REC*	*1*	*18-Aug-2025 16:47*
MISC. GCFID PARAMETERS BY SW8015C		**Method:SW8015**					Analyst: RG
Ethylene Glycol	U		0.13	2.0	mg/L	1	20-Aug-2025 17:07
CHLORINATED PEST/PCBS BY E608		**Method:E608**			Prep:E608 / 18-Aug-2025		Analyst: CC
Aroclor 1016	U		0.200	0.500	ug/L	1	19-Aug-2025 01:05
Aroclor 1221	U		0.200	0.500	ug/L	1	19-Aug-2025 01:05
Aroclor 1232	U		0.200	0.500	ug/L	1	19-Aug-2025 01:05
Aroclor 1242	U		0.200	0.500	ug/L	1	19-Aug-2025 01:05
Aroclor 1248	U		0.200	0.500	ug/L	1	19-Aug-2025 01:05
Aroclor 1254	U		0.200	0.500	ug/L	1	19-Aug-2025 01:05
Aroclor 1260	U		0.200	0.500	ug/L	1	19-Aug-2025 01:05
Surr: Decachlorobiphenyl	*81.8*			*61-154*	*%REC*	*1*	*19-Aug-2025 01:05*
Surr: Tetrachlor-m-xylene	*76.4*			*60-144*	*%REC*	*1*	*19-Aug-2025 01:05*
TRIVALENT CHROMIUM		**Method:Calculation**					Analyst: MSC
Chromium, Trivalent	U	n	0.0100	0.0100	mg/L	1	28-Aug-2025 11:01

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 003
Collection Date: 14-Aug-2025 10:40

ANALYTICAL REPORT
WorkOrder:HS25080693
Lab ID:HS25080693-03
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
TOTAL METALS BY E200.8, REV 5.4, 1994		**Method:E200.8**			Prep:E200.8 / 27-Aug-2025		Analyst: JC
Aluminum	**357**		**0.800**	**10.0**	**ug/L**	1	28-Aug-2025 11:32
Antimony	**1.81**	J	**0.530**	**5.00**	**ug/L**	1	28-Aug-2025 11:32
Arsenic	**2.79**		**0.250**	**2.00**	**ug/L**	1	28-Aug-2025 11:32
Barium	**65.1**		**0.0840**	**4.00**	**ug/L**	1	28-Aug-2025 11:32
Beryllium	**0.103**	J	**0.0910**	**5.00**	**ug/L**	1	28-Aug-2025 11:32
Cadmium	**0.333**	J	**0.0770**	**2.00**	**ug/L**	1	28-Aug-2025 11:32
Chromium	**4.55**		**0.251**	**4.00**	**ug/L**	1	28-Aug-2025 11:32
Copper	**7.16**		**0.170**	**2.00**	**ug/L**	1	28-Aug-2025 11:32
Lead	**1.34**	J	**0.120**	**2.00**	**ug/L**	1	28-Aug-2025 11:32
Nickel	**1.65**	J	**0.110**	**2.00**	**ug/L**	1	28-Aug-2025 11:32
Selenium	U		0.860	2.00	ug/L	1	28-Aug-2025 11:32
Silver	U		0.0440	2.00	ug/L	1	28-Aug-2025 11:32
Thallium	U		0.250	2.00	ug/L	1	28-Aug-2025 11:32
Zinc	**113**		**1.00**	**4.00**	**ug/L**	1	28-Aug-2025 11:32
MERCURY BY E245.1, R3.0, 1994		**Method:E245.1**			Prep:E245.1 / 15-Aug-2025		Analyst: JS
Mercury	U		0.0000300	0.000200	mg/L	1	15-Aug-2025 14:48
OIL & GREASE BY E1664A		**Method:E1664A**					Analyst: MC
Oil and Grease	**2.93**		**0.610**	**2.00**	**mg/L**	1	28-Aug-2025 06:35
ANIONS BY E300.0, REV 2.1, 1993		**Method:E300**					Analyst: TH
Chloride	**55.8**		**0.200**	**0.500**	**mg/L**	1	15-Aug-2025 07:22
Fluoride	**0.510**		**0.0500**	**0.100**	**mg/L**	1	15-Aug-2025 07:22
Nitrogen, Nitrate (As N)	**1.05**		**0.0300**	**0.100**	**mg/L**	1	15-Aug-2025 07:22
Sulfate	**127**		**1.00**	**2.50**	**mg/L**	5	15-Aug-2025 10:17
PHOSPHORUS BY E365.3-1978		**Method:E365.3**			Prep:E365.3 / 18-Aug-2025		Analyst: SG
Phosphorus, Total (As P)	**0.0480**	J	**0.0120**	**0.0500**	**mg/L**	1	18-Aug-2025 13:17
CHEMICAL OXYGEN DEMAND BY HACH 8000		**Method:Hach 8000**					Analyst: TH
Chemical Oxygen Demand	**16.0**		**5.00**	**15.0**	**mg/L**	1	18-Aug-2025 11:30
TOTAL DISSOLVED SOLIDS BY SM2540C		**Method:M2540C**					Analyst: HB
Total Dissolved Solids (Residue, Filterable)	**344**		**3.00**	**10.0**	**mg/L**	1	20-Aug-2025 07:00
TOTAL SUSPENDED SOLIDS BY SM 2540D		**Method:M2540D**					Analyst: HB
Suspended Solids (Residue, Non -Filterable)	**10.7**		**1.68**	**4.00**	**mg/L**	1	18-Aug-2025 10:00
ORGANIC NITROGEN BY SM4500-NH3D MINUS NH3F		**Method:M4500 NH3 D**					Analyst: HB
Nitrogen, Organic	**0.78**		**0.50**	**0.50**	**mg/L**	1	28-Aug-2025 14:50
TOTAL KJELDAHL NITROGEN BY SM4500 NH3 D		**Method:M4500 NH3 D**			Prep:M4500-N C / 21-Aug-2025		Analyst: MH
Nitrogen, Total Kjeldahl	**1.1**		**0.44**	**1.0**	**mg/L**	1	21-Aug-2025 12:30
CYANIDE BY SM 4500CN E&G		**Method:M4500CN EG**			Prep:M4500CN E&G / 19-Aug-2025		Analyst: SG
Cyanide	U		0.00200	0.00500	mg/L	1	19-Aug-2025 13:08

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 003
Collection Date: 14-Aug-2025 10:40

ANALYTICAL REPORT
WorkOrder:HS25080693
Lab ID:HS25080693-03
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED OXYGEN BY SM4500-O G		**Method:M4500-O G**					Analyst: OZ
Oxygen, Dissolved	**7.72**	H	**1.00**	**1.00**	**mg/L**	1	14-Aug-2025 18:00
AMMONIA AS N BY SM4500 NH3-D (ISE)		**Method:SM4500 NH3-D**					Analyst: MH
Nitrogen, Ammonia (as N)	**0.324**		**0.0300**	**0.200**	**mg/L**	1	15-Aug-2025 12:00
RESIDUAL CHLORINE BY SM4500CL F		**Method:SM4500CL F**					Analyst: MC
Chlorine	**1.0**	H	**0.10**	**0.10**	**mg/L**	1	25-Aug-2025 13:46
PH BY SM4500H+ B		**Method:SM4500H+ B**					Analyst: OZ
pH	**7.98**	H	**0.100**	**1.00**	**pH Units**	1	14-Aug-2025 21:04
Temp Deg C @pH	**23.6**	H	**0**	**0**	**°C**	1	14-Aug-2025 21:04
BIOCHEMICAL OXYGEN DEMAND (BOD) BY SM5210B		**Method:SM5210 B**			Prep:SM5210 B / 15-Aug-2025		Analyst: OZ
Biochemical Oxygen Demand	**2.38**		**2.00**	**2.00**	**mg/L**	1	20-Aug-2025 22:11
CBOD BY SM5210B		**Method:SM5210 B**			Prep:SM5210 B / 15-Aug-2025		Analyst: OZ
Carbonaceous Biochemical Oxygen Demand	**2.18**		**2.00**	**2.00**	**mg/L**	1	20-Aug-2025 23:18
TOTAL ORGANIC CARBON - SM5310B		**Method:SM5310B**					Analyst: DH
Organic Carbon, Total	**4.48**		**0.500**	**1.00**	**mg/L**	1	15-Aug-2025 15:22
HEXAVALENT CHROMIUM BY SW7196A		**Method:SW7196**					Analyst: MH
Chromium, Hexavalent	**0.00700**	J	**0.00240**	**0.0100**	**mg/L**	1	15-Aug-2025 08:02
SUBCONTRACT ANALYSIS - FECAL COLIFORM		**Method:NA**					Analyst: SUB
Subcontract Analysis	See Attached		0			1	25-Aug-2025 08:34

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 004
Collection Date: 14-Aug-2025 08:45

ANALYTICAL REPORT
WorkOrder:HS25080693
Lab ID:HS25080693-04
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY EPA 624.1	**Method:E624.1**						Analyst: DP
1,1,1-Trichloroethane	U		0.24	1.0	ug/L	1	16-Aug-2025 05:57
1,1-Dichloroethene	U		0.22	1.0	ug/L	1	16-Aug-2025 05:57
1,2-Dibromoethane	U		0.30	2.0	ug/L	1	16-Aug-2025 05:57
1,2-Dichloroethane	U		0.41	2.0	ug/L	1	16-Aug-2025 05:57
1,4-Dichlorobenzene	U		0.35	2.0	ug/L	1	16-Aug-2025 05:57
2-Butanone	U		1.5	10	ug/L	1	16-Aug-2025 05:57
Benzene	U		0.28	1.0	ug/L	1	16-Aug-2025 05:57
Carbon Tetrachloride	U		0.34	2.0	ug/L	1	16-Aug-2025 05:57
Chlorobenzene	U		0.36	2.0	ug/L	1	16-Aug-2025 05:57
Chloroform	U		0.32	2.0	ug/L	1	16-Aug-2025 05:57
Dibromochloromethane	U		0.39	2.0	ug/L	1	16-Aug-2025 05:57
Hexachlorobutadiene	U		2.5	10	ug/L	1	16-Aug-2025 05:57
Tetrachloroethene	U		0.30	2.0	ug/L	1	16-Aug-2025 05:57
Total Trihalomethanes (TTHMs)	U		1.6	5.0	ug/L	1	16-Aug-2025 05:57
Trichloroethene	U		0.35	2.0	ug/L	1	16-Aug-2025 05:57
Vinyl Chloride	U		0.23	1.0	ug/L	1	16-Aug-2025 05:57
Surr: 1,2-Dichloroethane-d4	*106*			*60-140*	*%REC*	*1*	*16-Aug-2025 05:57*
Surr: 4-Bromofluorobenzene	*103*			*60-140*	*%REC*	*1*	*16-Aug-2025 05:57*
Surr: Dibromofluoromethane	*99.1*			*80-120*	*%REC*	*1*	*16-Aug-2025 05:57*
Surr: Toluene-d8	*102*			*60-140*	*%REC*	*1*	*16-Aug-2025 05:57*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 004
Collection Date: 14-Aug-2025 08:45

ANALYTICAL REPORT
WorkOrder:HS25080693
Lab ID:HS25080693-04
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
SEMIVOLATILES BY E625.1		**Method:E625.1**			Prep:E625 / 15-Aug-2025		Analyst: GEY
1,2,4,5-Tetrachlorobenzene	U		0.067	0.20	ug/L	1	18-Aug-2025 17:12
2,4,5-Trichlorophenol	U		0.057	0.20	ug/L	1	18-Aug-2025 17:12
2-Methylphenol	U		0.033	0.20	ug/L	1	18-Aug-2025 17:12
3&4-Methylphenol	U		0.044	0.40	ug/L	1	18-Aug-2025 17:12
4,6-Dinitro-2-methylphenol	U		0.37	1.0	ug/L	1	18-Aug-2025 17:12
4-Chloro-3-methylphenol	U		0.073	0.20	ug/L	1	18-Aug-2025 17:12
Benz(a)anthracene	U		0.013	0.10	ug/L	1	18-Aug-2025 17:12
Benzidine	U		0.018	0.20	ug/L	1	18-Aug-2025 17:12
Benzo(a)pyrene	U		0.070	0.10	ug/L	1	18-Aug-2025 17:12
Chrysene	U		0.034	0.10	ug/L	1	18-Aug-2025 17:12
Hexachlorobenzene	U		0.090	0.20	ug/L	1	18-Aug-2025 17:12
Hexachloroethane	U		0.045	0.20	ug/L	1	18-Aug-2025 17:12
N-Nitroso-di-n-butylamine	U		0.12	0.20	ug/L	1	18-Aug-2025 17:12
N-Nitrosodiethylamine	U		0.047	0.20	ug/L	1	18-Aug-2025 17:12
Nitrobenzene	U		0.068	0.20	ug/L	1	18-Aug-2025 17:12
Pentachlorobenzene	U		0.035	0.20	ug/L	1	18-Aug-2025 17:12
Pentachlorophenol	U		0.16	0.20	ug/L	1	18-Aug-2025 17:12
Phenanthrene	U		0.038	0.10	ug/L	1	18-Aug-2025 17:12
Pyridine	U		0.088	0.10	ug/L	1	18-Aug-2025 17:12
Surr: 2,4,6-Tribromophenol	*63.1*			*34-129*	*%REC*	*1*	*18-Aug-2025 17:12*
Surr: 2-Fluorobiphenyl	*49.1*			*40-125*	*%REC*	*1*	*18-Aug-2025 17:12*
Surr: 2-Fluorophenol	*56.5*			*20-120*	*%REC*	*1*	*18-Aug-2025 17:12*
Surr: 4-Terphenyl-d14	*49.0*			*40-135*	*%REC*	*1*	*18-Aug-2025 17:12*
Surr: Nitrobenzene-d5	*41.5*			*41-120*	*%REC*	*1*	*18-Aug-2025 17:12*
Surr: Phenol-d6	*59.3*			*20-120*	*%REC*	*1*	*18-Aug-2025 17:12*
MISC. GCFID PARAMETERS BY SW8015C		**Method:SW8015**					Analyst: RG
Ethylene Glycol	U		0.13	2.0	mg/L	1	20-Aug-2025 17:23
CHLORINATED PEST/PCBS BY E608		**Method:E608**			Prep:E608 / 18-Aug-2025		Analyst: CC
Aroclor 1016	U		0.200	0.500	ug/L	1	19-Aug-2025 01:16
Aroclor 1221	U		0.200	0.500	ug/L	1	19-Aug-2025 01:16
Aroclor 1232	U		0.200	0.500	ug/L	1	19-Aug-2025 01:16
Aroclor 1242	U		0.200	0.500	ug/L	1	19-Aug-2025 01:16
Aroclor 1248	U		0.200	0.500	ug/L	1	19-Aug-2025 01:16
Aroclor 1254	U		0.200	0.500	ug/L	1	19-Aug-2025 01:16
Aroclor 1260	U		0.200	0.500	ug/L	1	19-Aug-2025 01:16
Surr: Decachlorobiphenyl	*85.8*			*61-154*	*%REC*	*1*	*19-Aug-2025 01:16*
Surr: Tetrachlor-m-xylene	*78.2*			*60-144*	*%REC*	*1*	*19-Aug-2025 01:16*
TRIVALENT CHROMIUM		**Method:Calculation**					Analyst: MSC
Chromium, Trivalent	U	n	0.0100	0.0100	mg/L	1	28-Aug-2025 11:01

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 004
Collection Date: 14-Aug-2025 08:45

ANALYTICAL REPORT
WorkOrder:HS25080693
Lab ID:HS25080693-04
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
TOTAL METALS BY E200.8, REV 5.4, 1994		**Method:E200.8**			Prep:E200.8 / 27-Aug-2025		Analyst: JC
Aluminum	**659**		**0.800**	**10.0**	**ug/L**	1	28-Aug-2025 11:34
Antimony	**1.50**	J	**0.530**	**5.00**	**ug/L**	1	28-Aug-2025 11:34
Arsenic	**9.99**		**0.250**	**2.00**	**ug/L**	1	28-Aug-2025 11:34
Barium	**47.6**		**0.0840**	**4.00**	**ug/L**	1	28-Aug-2025 11:34
Beryllium	**0.110**	J	**0.0910**	**5.00**	**ug/L**	1	28-Aug-2025 11:34
Cadmium	**0.0840**	J	**0.0770**	**2.00**	**ug/L**	1	28-Aug-2025 11:34
Chromium	**0.809**	J	**0.251**	**4.00**	**ug/L**	1	28-Aug-2025 11:34
Copper	**23.9**		**0.170**	**2.00**	**ug/L**	1	28-Aug-2025 11:34
Lead	**0.964**	J	**0.120**	**2.00**	**ug/L**	1	28-Aug-2025 11:34
Nickel	**2.16**		**0.110**	**2.00**	**ug/L**	1	28-Aug-2025 11:34
Selenium	U		0.860	2.00	ug/L	1	28-Aug-2025 11:34
Silver	U		0.0440	2.00	ug/L	1	28-Aug-2025 11:34
Thallium	U		0.250	2.00	ug/L	1	28-Aug-2025 11:34
Zinc	**43.5**		**1.00**	**4.00**	**ug/L**	1	28-Aug-2025 11:34
MERCURY BY E245.1, R3.0, 1994		**Method:E245.1**			Prep:E245.1 / 15-Aug-2025		Analyst: JS
Mercury	U		0.0000300	0.000200	mg/L	1	15-Aug-2025 14:50
OIL & GREASE BY E1664A		**Method:E1664A**					Analyst: MC
Oil and Grease	**3.50**		**0.610**	**2.00**	**mg/L**	1	28-Aug-2025 06:35
ANIONS BY E300.0, REV 2.1, 1993		**Method:E300**					Analyst: TH
Chloride	**57.8**		**0.200**	**0.500**	**mg/L**	1	15-Aug-2025 07:28
Fluoride	**0.852**		**0.0500**	**0.100**	**mg/L**	1	15-Aug-2025 07:28
Nitrogen, Nitrate (As N)	**0.222**		**0.0300**	**0.100**	**mg/L**	1	15-Aug-2025 07:28
Sulfate	**67.6**		**0.200**	**0.500**	**mg/L**	1	15-Aug-2025 07:28
PHOSPHORUS BY E365.3-1978		**Method:E365.3**			Prep:E365.3 / 18-Aug-2025		Analyst: SG
Phosphorus, Total (As P)	**0.518**		**0.0120**	**0.0500**	**mg/L**	1	18-Aug-2025 13:17
CHEMICAL OXYGEN DEMAND BY HACH 8000		**Method:Hach 8000**					Analyst: TH
Chemical Oxygen Demand	**39.0**		**5.00**	**15.0**	**mg/L**	1	18-Aug-2025 11:30
TOTAL DISSOLVED SOLIDS BY SM2540C		**Method:M2540C**					Analyst: HB
Total Dissolved Solids (Residue, Filterable)	**290**		**3.00**	**10.0**	**mg/L**	1	20-Aug-2025 07:00
TOTAL SUSPENDED SOLIDS BY SM 2540D		**Method:M2540D**					Analyst: HB
Suspended Solids (Residue, Non -Filterable)	**20.8**		**1.68**	**4.00**	**mg/L**	1	18-Aug-2025 10:00
ORGANIC NITROGEN BY SM4500-NH3D MINUS NH3F		**Method:M4500 NH3 D**					Analyst: HB
Nitrogen, Organic	**1.6**		**0.50**	**0.50**	**mg/L**	1	28-Aug-2025 14:50
TOTAL KJELDAHL NITROGEN BY SM4500 NH3 D		**Method:M4500 NH3 D**			Prep:M4500-N C / 21-Aug-2025		Analyst: MH
Nitrogen, Total Kjeldahl	**1.9**		**0.44**	**1.0**	**mg/L**	1	21-Aug-2025 12:30
CYANIDE BY SM 4500CN E&G		**Method:M4500CN EG**			Prep:M4500CN E&G / 21-Aug-2025		Analyst: SG
Cyanide	**0.00200**	J	**0.00200**	**0.00500**	**mg/L**	1	21-Aug-2025 10:42

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 004
Collection Date: 14-Aug-2025 08:45

ANALYTICAL REPORT
WorkOrder:HS25080693
Lab ID:HS25080693-04
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED OXYGEN BY SM4500-O G		**Method:M4500-O G**					Analyst: OZ
Oxygen, Dissolved	**9.68**	H	**1.00**	**1.00**	**mg/L**	1	14-Aug-2025 18:00
AMMONIA AS N BY SM4500 NH3-D (ISE)		**Method:SM4500 NH3-D**					Analyst: MH
Nitrogen, Ammonia (as N)	**0.271**		**0.0300**	**0.200**	**mg/L**	1	15-Aug-2025 12:00
RESIDUAL CHLORINE BY SM4500CL F		**Method:SM4500CL F**					Analyst: MC
Chlorine	U	H	0.10	0.10	mg/L	1	25-Aug-2025 13:46
PH BY SM4500H+ B		**Method:SM4500H+ B**					Analyst: OZ
pH	**7.98**	H	**0.100**	**1.00**	**pH Units**	1	14-Aug-2025 21:06
Temp Deg C @pH	**23.8**	H	**0**	**0**	**°C**	1	14-Aug-2025 21:06
BIOCHEMICAL OXYGEN DEMAND (BOD) BY SM5210B		**Method:SM5210 B**			Prep:SM5210 B / 15-Aug-2025		Analyst: OZ
Biochemical Oxygen Demand	**8.45**		**2.00**	**2.00**	**mg/L**	1	20-Aug-2025 22:11
CBOD BY SM5210B		**Method:SM5210 B**			Prep:SM5210 B / 15-Aug-2025		Analyst: OZ
Carbonaceous Biochemical Oxygen Demand	**7.98**		**2.00**	**2.00**	**mg/L**	1	20-Aug-2025 23:18
TOTAL ORGANIC CARBON - SM5310B		**Method:SM5310B**					Analyst: DH
Organic Carbon, Total	**11.2**		**0.500**	**1.00**	**mg/L**	1	15-Aug-2025 15:34
HEXAVALENT CHROMIUM BY SW7196A		**Method:SW7196**					Analyst: MH
Chromium, Hexavalent	U		0.00240	0.0100	mg/L	1	15-Aug-2025 08:02
SUBCONTRACT ANALYSIS - FECAL COLIFORM		**Method:NA**					Analyst: SUB
Subcontract Analysis	See Attached		0			1	25-Aug-2025 08:34

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 005
Collection Date: 14-Aug-2025 11:30

ANALYTICAL REPORT
WorkOrder:HS25080693
Lab ID:HS25080693-05
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY EPA 624.1	**Method:E624.1**						Analyst: DP
1,1,1-Trichloroethane	U		0.24	1.0	ug/L	1	16-Aug-2025 06:19
1,1-Dichloroethene	U		0.22	1.0	ug/L	1	16-Aug-2025 06:19
1,2-Dibromoethane	U		0.30	2.0	ug/L	1	16-Aug-2025 06:19
1,2-Dichloroethane	U		0.41	2.0	ug/L	1	16-Aug-2025 06:19
1,4-Dichlorobenzene	U		0.35	2.0	ug/L	1	16-Aug-2025 06:19
2-Butanone	U		1.5	10	ug/L	1	16-Aug-2025 06:19
Benzene	U		0.28	1.0	ug/L	1	16-Aug-2025 06:19
Carbon Tetrachloride	U		0.34	2.0	ug/L	1	16-Aug-2025 06:19
Chlorobenzene	U		0.36	2.0	ug/L	1	16-Aug-2025 06:19
Chloroform	U		0.32	2.0	ug/L	1	16-Aug-2025 06:19
Dibromochloromethane	U		0.39	2.0	ug/L	1	16-Aug-2025 06:19
Hexachlorobutadiene	U		2.5	10	ug/L	1	16-Aug-2025 06:19
Tetrachloroethene	U		0.30	2.0	ug/L	1	16-Aug-2025 06:19
Total Trihalomethanes (TTHMs)	U		1.6	5.0	ug/L	1	16-Aug-2025 06:19
Trichloroethene	U		0.35	2.0	ug/L	1	16-Aug-2025 06:19
Vinyl Chloride	U		0.23	1.0	ug/L	1	16-Aug-2025 06:19
Surr: 1,2-Dichloroethane-d4	*109*			*60-140*	*%REC*	*1*	*16-Aug-2025 06:19*
Surr: 4-Bromofluorobenzene	*110*			*60-140*	*%REC*	*1*	*16-Aug-2025 06:19*
Surr: Dibromofluoromethane	*101*			*80-120*	*%REC*	*1*	*16-Aug-2025 06:19*
Surr: Toluene-d8	*103*			*60-140*	*%REC*	*1*	*16-Aug-2025 06:19*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 005
Collection Date: 14-Aug-2025 11:30

ANALYTICAL REPORT
WorkOrder:HS25080693
Lab ID:HS25080693-05
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
SEMIVOLATILES BY E625.1		**Method:E625.1**			Prep:E625 / 15-Aug-2025		Analyst: GEY
1,2,4,5-Tetrachlorobenzene	U		0.067	0.20	ug/L	1	19-Aug-2025 14:54
2,4,5-Trichlorophenol	U		0.057	0.20	ug/L	1	19-Aug-2025 14:54
2-Methylphenol	U		0.033	0.20	ug/L	1	19-Aug-2025 14:54
3&4-Methylphenol	U		0.044	0.40	ug/L	1	19-Aug-2025 14:54
4,6-Dinitro-2-methylphenol	U		0.37	1.0	ug/L	1	19-Aug-2025 14:54
4-Chloro-3-methylphenol	U		0.073	0.20	ug/L	1	19-Aug-2025 14:54
Benz(a)anthracene	U		0.013	0.10	ug/L	1	19-Aug-2025 14:54
Benzidine	U		0.018	0.20	ug/L	1	19-Aug-2025 14:54
Benzo(a)pyrene	U		0.070	0.10	ug/L	1	19-Aug-2025 14:54
Chrysene	U		0.034	0.10	ug/L	1	19-Aug-2025 14:54
Hexachlorobenzene	U		0.090	0.20	ug/L	1	19-Aug-2025 14:54
Hexachloroethane	U		0.045	0.20	ug/L	1	19-Aug-2025 14:54
N-Nitroso-di-n-butylamine	U		0.12	0.20	ug/L	1	19-Aug-2025 14:54
N-Nitrosodiethylamine	U		0.047	0.20	ug/L	1	19-Aug-2025 14:54
Nitrobenzene	U		0.068	0.20	ug/L	1	19-Aug-2025 14:54
Pentachlorobenzene	U		0.035	0.20	ug/L	1	19-Aug-2025 14:54
Pentachlorophenol	U		0.16	0.20	ug/L	1	19-Aug-2025 14:54
Phenanthrene	U		0.038	0.10	ug/L	1	19-Aug-2025 14:54
Pyridine	U		0.088	0.10	ug/L	1	19-Aug-2025 14:54
Surr: 2,4,6-Tribromophenol	*83.4*			*34-129*	*%REC*	*1*	*19-Aug-2025 14:54*
Surr: 2-Fluorobiphenyl	*51.2*			*40-125*	*%REC*	*1*	*19-Aug-2025 14:54*
Surr: 2-Fluorophenol	*63.4*			*20-120*	*%REC*	*1*	*19-Aug-2025 14:54*
Surr: 4-Terphenyl-d14	*50.7*			*40-135*	*%REC*	*1*	*19-Aug-2025 14:54*
Surr: Nitrobenzene-d5	*41.6*			*41-120*	*%REC*	*1*	*19-Aug-2025 14:54*
Surr: Phenol-d6	*60.4*			*20-120*	*%REC*	*1*	*19-Aug-2025 14:54*
MISC. GCFID PARAMETERS BY SW8015C		**Method:SW8015**					Analyst: RG
Ethylene Glycol	U		0.13	2.0	mg/L	1	20-Aug-2025 17:39
CHLORINATED PEST/PCBS BY E608		**Method:E608**			Prep:E608 / 18-Aug-2025		Analyst: CC
Aroclor 1016	U		0.200	0.500	ug/L	1	19-Aug-2025 01:26
Aroclor 1221	U		0.200	0.500	ug/L	1	19-Aug-2025 01:26
Aroclor 1232	U		0.200	0.500	ug/L	1	19-Aug-2025 01:26
Aroclor 1242	U		0.200	0.500	ug/L	1	19-Aug-2025 01:26
Aroclor 1248	U		0.200	0.500	ug/L	1	19-Aug-2025 01:26
Aroclor 1254	U		0.200	0.500	ug/L	1	19-Aug-2025 01:26
Aroclor 1260	U		0.200	0.500	ug/L	1	19-Aug-2025 01:26
Surr: Decachlorobiphenyl	*82.6*			*61-154*	*%REC*	*1*	*19-Aug-2025 01:26*
Surr: Tetrachlor-m-xylene	*78.4*			*60-144*	*%REC*	*1*	*19-Aug-2025 01:26*
TRIVALENT CHROMIUM		**Method:Calculation**					Analyst: MSC
Chromium, Trivalent	U	n	0.0100	0.0100	mg/L	1	28-Aug-2025 11:01

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 005
Collection Date: 14-Aug-2025 11:30

ANALYTICAL REPORT
WorkOrder:HS25080693
Lab ID:HS25080693-05
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
TOTAL METALS BY E200.8, REV 5.4, 1994		**Method:E200.8**			Prep:E200.8 / 27-Aug-2025		Analyst: JC
Aluminum	**1,040**		**0.800**	**10.0**	**ug/L**	1	28-Aug-2025 11:36
Antimony	**0.594**	J	**0.530**	**5.00**	**ug/L**	1	28-Aug-2025 11:36
Arsenic	**1.41**	J	**0.250**	**2.00**	**ug/L**	1	28-Aug-2025 11:36
Barium	**63.9**		**0.0840**	**4.00**	**ug/L**	1	28-Aug-2025 11:36
Beryllium	U		0.0910	5.00	ug/L	1	28-Aug-2025 11:36
Cadmium	**0.102**	J	**0.0770**	**2.00**	**ug/L**	1	28-Aug-2025 11:36
Chromium	**6.08**		**0.251**	**4.00**	**ug/L**	1	28-Aug-2025 11:36
Copper	**7.23**		**0.170**	**2.00**	**ug/L**	1	28-Aug-2025 11:36
Lead	**1.86**	J	**0.120**	**2.00**	**ug/L**	1	28-Aug-2025 11:36
Nickel	**1.91**	J	**0.110**	**2.00**	**ug/L**	1	28-Aug-2025 11:36
Selenium	**1.39**	J	**0.860**	**2.00**	**ug/L**	1	28-Aug-2025 11:36
Silver	U		0.0440	2.00	ug/L	1	28-Aug-2025 11:36
Thallium	U		0.250	2.00	ug/L	1	28-Aug-2025 11:36
Zinc	**78.3**		**1.00**	**4.00**	**ug/L**	1	28-Aug-2025 11:36
MERCURY BY E245.1, R3.0, 1994		**Method:E245.1**			Prep:E245.1 / 15-Aug-2025		Analyst: JS
Mercury	U		0.0000300	0.000200	mg/L	1	15-Aug-2025 14:52
OIL & GREASE BY E1664A		**Method:E1664A**					Analyst: MC
Oil and Grease	U		0.610	2.00	mg/L	1	28-Aug-2025 06:35
ANIONS BY E300.0, REV 2.1, 1993		**Method:E300**					Analyst: TH
Chloride	**95.4**		**1.00**	**2.50**	**mg/L**	5	15-Aug-2025 10:23
Fluoride	**0.236**		**0.0500**	**0.100**	**mg/L**	1	15-Aug-2025 07:33
Nitrogen, Nitrate (As N)	**2.28**		**0.0300**	**0.100**	**mg/L**	1	15-Aug-2025 07:33
Sulfate	**57.0**		**0.200**	**0.500**	**mg/L**	1	15-Aug-2025 07:33
PHOSPHORUS BY E365.3-1978		**Method:E365.3**			Prep:E365.3 / 18-Aug-2025		Analyst: SG
Phosphorus, Total (As P)	**0.0690**		**0.0120**	**0.0500**	**mg/L**	1	18-Aug-2025 13:17
CHEMICAL OXYGEN DEMAND BY HACH 8000		**Method:Hach 8000**					Analyst: TH
Chemical Oxygen Demand	**23.0**		**5.00**	**15.0**	**mg/L**	1	18-Aug-2025 11:30
TOTAL DISSOLVED SOLIDS BY SM2540C		**Method:M2540C**					Analyst: HB
Total Dissolved Solids (Residue, Filterable)	**332**		**3.00**	**10.0**	**mg/L**	1	20-Aug-2025 07:00
TOTAL SUSPENDED SOLIDS BY SM 2540D		**Method:M2540D**					Analyst: HB
Suspended Solids (Residue, Non -Filterable)	**48.5**		**1.68**	**4.00**	**mg/L**	1	18-Aug-2025 10:00
ORGANIC NITROGEN BY SM4500-NH3D MINUS NH3F		**Method:M4500 NH3 D**					Analyst: HB
Nitrogen, Organic	**0.96**		**0.50**	**0.50**	**mg/L**	1	28-Aug-2025 14:50
TOTAL KJELDAHL NITROGEN BY SM4500 NH3 D		**Method:M4500 NH3 D**			Prep:M4500-N C / 21-Aug-2025		Analyst: MH
Nitrogen, Total Kjeldahl	**1.2**		**0.44**	**1.0**	**mg/L**	1	21-Aug-2025 12:30
CYANIDE BY SM 4500CN E&G		**Method:M4500CN EG**			Prep:M4500CN E&G / 21-Aug-2025		Analyst: SG
Cyanide	U		0.00200	0.00500	mg/L	1	21-Aug-2025 10:42

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
Sample ID: 005
Collection Date: 14-Aug-2025 11:30

ANALYTICAL REPORT
WorkOrder:HS25080693
Lab ID:HS25080693-05
Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED OXYGEN BY SM4500-O G		**Method:M4500-O G**					Analyst: OZ
Oxygen, Dissolved	**7.22**	H	**1.00**	**1.00**	**mg/L**	1	14-Aug-2025 18:00
AMMONIA AS N BY SM4500 NH3-D (ISE)		**Method:SM4500 NH3-D**					Analyst: MH
Nitrogen, Ammonia (as N)	**0.240**		**0.0300**	**0.200**	**mg/L**	1	15-Aug-2025 12:00
RESIDUAL CHLORINE BY SM4500CL F		**Method:SM4500CL F**					Analyst: MC
Chlorine	**1.0**	H	**0.10**	**0.10**	**mg/L**	1	25-Aug-2025 13:46
PH BY SM4500H+ B		**Method:SM4500H+ B**					Analyst: OZ
pH	**8.18**	H	**0.100**	**1.00**	**pH Units**	1	14-Aug-2025 21:09
Temp Deg C @pH	**23.7**	H	**0**	**0**	**°C**	1	14-Aug-2025 21:09
BIOCHEMICAL OXYGEN DEMAND (BOD) BY SM5210B		**Method:SM5210 B**			Prep:SM5210 B / 15-Aug-2025		Analyst: OZ
Biochemical Oxygen Demand	**4.65**		**2.00**	**2.00**	**mg/L**	1	20-Aug-2025 22:11
CBOD BY SM5210B		**Method:SM5210 B**			Prep:SM5210 B / 15-Aug-2025		Analyst: OZ
Carbonaceous Biochemical Oxygen Demand	**3.75**		**2.00**	**2.00**	**mg/L**	1	20-Aug-2025 23:18
TOTAL ORGANIC CARBON - SM5310B		**Method:SM5310B**					Analyst: DH
Organic Carbon, Total	**6.15**		**0.500**	**1.00**	**mg/L**	1	15-Aug-2025 15:44
HEXAVALENT CHROMIUM BY SW7196A		**Method:SW7196**					Analyst: MH
Chromium, Hexavalent	**0.0120**		**0.00240**	**0.0100**	**mg/L**	1	15-Aug-2025 08:02
SUBCONTRACT ANALYSIS - FECAL COLIFORM		**Method:NA**					Analyst: SUB
Subcontract Analysis	See Attached		0			1	25-Aug-2025 08:34

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Weight / Prep Log

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080693

Batch ID: 231748 **Start Date:** 15 Aug 2025 09:30 **End Date:** 15 Aug 2025 09:30
Method: MERCURY PREP - WATER **Prep Code:** HG_WW_245PR

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS25080693-01		10 (mL)	10 (mL)	1	120 plastic HNO3
HS25080693-02		10 (mL)	10 (mL)	1	120 plastic HNO3
HS25080693-03		10 (mL)	10 (mL)	1	120 plastic HNO3
HS25080693-04		10 (mL)	10 (mL)	1	120 plastic HNO3
HS25080693-05		10 (mL)	10 (mL)	1	120 plastic HNO3

Batch ID: 231751 **Start Date:** 15 Aug 2025 12:30 **End Date:** 15 Aug 2025 12:30
Method: WETCHEMPREP, BOD **Prep Code:** BOD_PR 5210B

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS25080693-01		300 (mL)	300 (mL)	1	1-L plastic, Neat
HS25080693-02		300 (mL)	300 (mL)	1	1-L plastic, Neat
HS25080693-03		300 (mL)	300 (mL)	1	1-L plastic, Neat
HS25080693-04		300 (mL)	300 (mL)	1	1-L plastic, Neat
HS25080693-05		300 (mL)	300 (mL)	1	1-L plastic, Neat

Batch ID: 231753 **Start Date:** 15 Aug 2025 12:30 **End Date:** 15 Aug 2025 12:30
Method: CBOD PREP **Prep Code:** CBOD_PR

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS25080693-01		300 (mL)	300 (mL)	1	1-L plastic, Neat
HS25080693-02		300 (mL)	300 (mL)	1	1-L plastic, Neat
HS25080693-03		300 (mL)	300 (mL)	1	1-L plastic, Neat
HS25080693-04		300 (mL)	300 (mL)	1	1-L plastic, Neat
HS25080693-05		300 (mL)	300 (mL)	1	1-L plastic, Neat

Batch ID: 231757 **Start Date:** 15 Aug 2025 13:35 **End Date:** 15 Aug 2025 13:35
Method: 625 AQ SEP FUNNEL EXTRACT - LOW LEVEL **Prep Code:** 625PRF_LL

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS25080693-01	1	1000 (mL)	1 (mL)	0.001	1-liter amber glass, Neat
HS25080693-02	1	1000 (mL)	1 (mL)	0.001	1-liter amber glass, Neat
HS25080693-03	1	1000 (mL)	1 (mL)	0.001	1-liter amber glass, Neat
HS25080693-04	1	1000 (mL)	1 (mL)	0.001	1-liter amber glass, Neat
HS25080693-05	1	1000 (mL)	1 (mL)	0.001	1-liter amber glass, Neat

Batch ID: 231799 **Start Date:** 18 Aug 2025 09:15 **End Date:** 18 Aug 2025 09:15
Method: PHOSPHOROUS **Prep Code:** P_TW_PR

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS25080693-01		50 (mg/L)	50 (mL)	1	500 mL plastic, H2SO4 to pH <2
HS25080693-02		50 (mg/L)	50 (mL)	1	500 mL plastic, H2SO4 to pH <2
HS25080693-03		50 (mg/L)	50 (mL)	1	500 mL plastic, H2SO4 to pH <2
HS25080693-04		50 (mg/L)	50 (mL)	1	500 mL plastic, H2SO4 to pH <2
HS25080693-05		50 (mg/L)	50 (mL)	1	500 mL plastic, H2SO4 to pH <2

RIGHT SOLUTIONS | RIGHT PARTNER

Weight / Prep Log

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080693

Batch ID: 231801 **Start Date:** 18 Aug 2025 10:53 **End Date:** 18 Aug 2025 10:53
Method: AQPREP SEP FUNNEL: PEST/PCB **Prep Code:** 608PR

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS25080693-01	1	1000 (mL)	10 (mL)	0.01	1-liter amber glass, Neat
HS25080693-02	1	1000 (mL)	10 (mL)	0.01	1-liter amber glass, Neat
HS25080693-03	1	1000 (mL)	10 (mL)	0.01	1-liter amber glass, Neat
HS25080693-04	1	1000 (mL)	10 (mL)	0.01	1-liter amber glass, Neat
HS25080693-05	1	1000 (mL)	10 (mL)	0.01	1-liter amber glass, Neat

Batch ID: 231871 **Start Date:** 19 Aug 2025 08:30 **End Date:** 19 Aug 2025 08:30
Method: CYANIDE PREP - SM4500CN **Prep Code:** CN_TW4500_PR

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS25080693-01		50 (mL)	50 (mL)	1	250 mL plastic, NaOH/ASE
HS25080693-02		50 (mL)	50 (mL)	1	250 mL plastic, NaOH/ASE
HS25080693-03		50 (mL)	50 (mL)	1	250 mL plastic, NaOH/ASE

Batch ID: 231953 **Start Date:** 21 Aug 2025 08:50 **End Date:** 21 Aug 2025 08:50
Method: CYANIDE PREP - SM4500CN **Prep Code:** CN_TW4500_PR

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS25080693-04		50 (mL)	50 (mL)	1	250 mL plastic, NaOH/ASE
HS25080693-05		50 (mL)	50 (mL)	1	250 mL plastic, NaOH/ASE

Batch ID: 231983 **Start Date:** 21 Aug 2025 07:30 **End Date:** 21 Aug 2025 07:30
Method: TKN WATER - PREP **Prep Code:** TKN_W_PR

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS25080693-01		25 (mL)	50 (mL)	2	500 mL plastic, H2SO4 to pH <2
HS25080693-02		25 (mL)	50 (mL)	2	500 mL plastic, H2SO4 to pH <2
HS25080693-03		25 (mL)	50 (mL)	2	500 mL plastic, H2SO4 to pH <2
HS25080693-04		25 (mL)	50 (mL)	2	500 mL plastic, H2SO4 to pH <2
HS25080693-05		25 (mL)	50 (mL)	2	500 mL plastic, H2SO4 to pH <2

Batch ID: 232211 **Start Date:** 27 Aug 2025 10:00 **End Date:** 27 Aug 2025 10:00
Method: TOTAL METALS PREP BY E200.8, REV 5.4, 1994 **Prep Code:** 200.8PR

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS25080693-01		10 (mL)	10 (mL)	1	120 plastic HNO3
HS25080693-02		10 (mL)	10 (mL)	1	120 plastic HNO3
HS25080693-03		10 (mL)	10 (mL)	1	120 plastic HNO3
HS25080693-04		10 (mL)	10 (mL)	1	120 plastic HNO3
HS25080693-05		10 (mL)	10 (mL)	1	120 plastic HNO3

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080693

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 231748 (0)	**Test Name :** MERCURY BY E245.1, R3.0, 1994				**Matrix:** Water	
HS25080693-01	001	14 Aug 2025 12:00		15 Aug 2025 09:30	15 Aug 2025 14:36	1
HS25080693-02	002	14 Aug 2025 09:40		15 Aug 2025 09:30	15 Aug 2025 14:46	1
HS25080693-03	003	14 Aug 2025 10:40		15 Aug 2025 09:30	15 Aug 2025 14:48	1
HS25080693-04	004	14 Aug 2025 08:45		15 Aug 2025 09:30	15 Aug 2025 14:50	1
HS25080693-05	005	14 Aug 2025 11:30		15 Aug 2025 09:30	15 Aug 2025 14:52	1
Batch ID: 231751 (0)	**Test Name :** BIOCHEMICAL OXYGEN DEMAND (BOD) BY SM5210B				**Matrix:** Water	
HS25080693-01	001	14 Aug 2025 12:00		15 Aug 2025 12:30	20 Aug 2025 22:11	1
HS25080693-02	002	14 Aug 2025 09:40		15 Aug 2025 12:30	20 Aug 2025 22:11	1
HS25080693-03	003	14 Aug 2025 10:40		15 Aug 2025 12:30	20 Aug 2025 22:11	1
HS25080693-04	004	14 Aug 2025 08:45		15 Aug 2025 12:30	20 Aug 2025 22:11	1
HS25080693-05	005	14 Aug 2025 11:30		15 Aug 2025 12:30	20 Aug 2025 22:11	1
Batch ID: 231753 (0)	**Test Name :** CBOD BY SM5210B				**Matrix:** Water	
HS25080693-01	001	14 Aug 2025 12:00		15 Aug 2025 12:30	20 Aug 2025 23:18	1
HS25080693-02	002	14 Aug 2025 09:40		15 Aug 2025 12:30	20 Aug 2025 23:18	1
HS25080693-03	003	14 Aug 2025 10:40		15 Aug 2025 12:30	20 Aug 2025 23:18	1
HS25080693-04	004	14 Aug 2025 08:45		15 Aug 2025 12:30	20 Aug 2025 23:18	1
HS25080693-05	005	14 Aug 2025 11:30		15 Aug 2025 12:30	20 Aug 2025 23:18	1
Batch ID: 231757 (0)	**Test Name :** SEMIVOLATILES BY E625.1				**Matrix:** Water	
HS25080693-01	001	14 Aug 2025 12:00		15 Aug 2025 13:35	18 Aug 2025 15:58	1
HS25080693-02	002	14 Aug 2025 09:40		15 Aug 2025 13:35	18 Aug 2025 16:22	1
HS25080693-03	003	14 Aug 2025 10:40		15 Aug 2025 13:35	18 Aug 2025 16:47	1
HS25080693-04	004	14 Aug 2025 08:45		15 Aug 2025 13:35	18 Aug 2025 17:12	1
HS25080693-05	005	14 Aug 2025 11:30		15 Aug 2025 13:35	19 Aug 2025 14:54	1
Batch ID: 231799 (0)	**Test Name :** PHOSPHORUS BY E365.3-1978				**Matrix:** Water	
HS25080693-01	001	14 Aug 2025 12:00		18 Aug 2025 09:15	18 Aug 2025 13:17	1
HS25080693-02	002	14 Aug 2025 09:40		18 Aug 2025 09:15	18 Aug 2025 13:17	1
HS25080693-03	003	14 Aug 2025 10:40		18 Aug 2025 09:15	18 Aug 2025 13:17	1
HS25080693-04	004	14 Aug 2025 08:45		18 Aug 2025 09:15	18 Aug 2025 13:17	1
HS25080693-05	005	14 Aug 2025 11:30		18 Aug 2025 09:15	18 Aug 2025 13:17	1
Batch ID: 231801 (0)	**Test Name :** CHLORINATED PEST/PCBS BY E608				**Matrix:** Water	
HS25080693-01	001	14 Aug 2025 12:00		18 Aug 2025 10:53	19 Aug 2025 00:00	1
HS25080693-02	002	14 Aug 2025 09:40		18 Aug 2025 10:53	19 Aug 2025 00:54	1
HS25080693-03	003	14 Aug 2025 10:40		18 Aug 2025 10:53	19 Aug 2025 01:05	1
HS25080693-04	004	14 Aug 2025 08:45		18 Aug 2025 10:53	19 Aug 2025 01:16	1
HS25080693-05	005	14 Aug 2025 11:30		18 Aug 2025 10:53	19 Aug 2025 01:26	1

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080693

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 231871 (0)	**Test Name :** CYANIDE BY SM 4500CN E&G				**Matrix:** Water	
HS25080693-01	001	14 Aug 2025 12:00		19 Aug 2025 08:30	19 Aug 2025 13:08	1
HS25080693-02	002	14 Aug 2025 09:40		19 Aug 2025 08:30	19 Aug 2025 13:08	1
HS25080693-03	003	14 Aug 2025 10:40		19 Aug 2025 08:30	19 Aug 2025 13:08	1
Batch ID: 231953 (0)	**Test Name :** CYANIDE BY SM 4500CN E&G				**Matrix:** Water	
HS25080693-04	004	14 Aug 2025 08:45		21 Aug 2025 08:50	21 Aug 2025 10:42	1
HS25080693-05	005	14 Aug 2025 11:30		21 Aug 2025 08:50	21 Aug 2025 10:42	1
Batch ID: 231983 (0)	**Test Name :** TOTAL KJELDAHL NITROGEN BY SM4500 NH3 D				**Matrix:** Water	
HS25080693-01	001	14 Aug 2025 12:00		21 Aug 2025 07:30	21 Aug 2025 12:30	1
HS25080693-02	002	14 Aug 2025 09:40		21 Aug 2025 07:30	21 Aug 2025 12:30	1
HS25080693-03	003	14 Aug 2025 10:40		21 Aug 2025 07:30	21 Aug 2025 12:30	1
HS25080693-04	004	14 Aug 2025 08:45		21 Aug 2025 07:30	21 Aug 2025 12:30	1
HS25080693-05	005	14 Aug 2025 11:30		21 Aug 2025 07:30	21 Aug 2025 12:30	1
Batch ID: 232211 (0)	**Test Name :** TOTAL METALS BY E200.8, REV 5.4, 1994				**Matrix:** Water	
HS25080693-01	001	14 Aug 2025 12:00		27 Aug 2025 10:00	28 Aug 2025 11:18	1
HS25080693-02	002	14 Aug 2025 09:40		27 Aug 2025 10:00	28 Aug 2025 11:30	1
HS25080693-03	003	14 Aug 2025 10:40		27 Aug 2025 10:00	28 Aug 2025 11:32	1
HS25080693-04	004	14 Aug 2025 08:45		27 Aug 2025 10:00	28 Aug 2025 11:34	1
HS25080693-05	005	14 Aug 2025 11:30		27 Aug 2025 10:00	28 Aug 2025 11:36	1
Batch ID: R519733 (0)	**Test Name :** DISSOLVED OXYGEN BY SM4500-O G				**Matrix:** Water	
HS25080693-01	001	14 Aug 2025 12:00			14 Aug 2025 18:00	1
HS25080693-02	002	14 Aug 2025 09:40			14 Aug 2025 18:00	1
HS25080693-03	003	14 Aug 2025 10:40			14 Aug 2025 18:00	1
HS25080693-04	004	14 Aug 2025 08:45			14 Aug 2025 18:00	1
HS25080693-05	005	14 Aug 2025 11:30			14 Aug 2025 18:00	1
Batch ID: R519773 (0)	**Test Name :** PH BY SM4500H+ B				**Matrix:** Water	
HS25080693-01	001	14 Aug 2025 12:00			14 Aug 2025 20:57	1
HS25080693-02	002	14 Aug 2025 09:40			14 Aug 2025 21:02	1
HS25080693-03	003	14 Aug 2025 10:40			14 Aug 2025 21:04	1
HS25080693-04	004	14 Aug 2025 08:45			14 Aug 2025 21:06	1
HS25080693-05	005	14 Aug 2025 11:30			14 Aug 2025 21:09	1
Batch ID: R519786 (0)	**Test Name :** AMMONIA AS N BY SM4500 NH3-D (ISE)				**Matrix:** Water	
HS25080693-01	001	14 Aug 2025 12:00			15 Aug 2025 12:00	1
HS25080693-02	002	14 Aug 2025 09:40			15 Aug 2025 12:00	1
HS25080693-03	003	14 Aug 2025 10:40			15 Aug 2025 12:00	1
HS25080693-04	004	14 Aug 2025 08:45			15 Aug 2025 12:00	1
HS25080693-05	005	14 Aug 2025 11:30			15 Aug 2025 12:00	1

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080693

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: R519789 (0)	**Test Name :** HEXAVALENT CHROMIUM BY SW7196A				**Matrix:** Water	
HS25080693-01	001	14 Aug 2025 12:00			15 Aug 2025 08:02	1
HS25080693-02	002	14 Aug 2025 09:40			15 Aug 2025 08:02	1
HS25080693-03	003	14 Aug 2025 10:40			15 Aug 2025 08:02	1
HS25080693-04	004	14 Aug 2025 08:45			15 Aug 2025 08:02	1
HS25080693-05	005	14 Aug 2025 11:30			15 Aug 2025 08:02	1
Batch ID: R519823 (0)	**Test Name :** TOTAL SUSPENDED SOLIDS BY SM 2540D				**Matrix:** Water	
HS25080693-01	001	14 Aug 2025 12:00			16 Aug 2025 09:00	1
Batch ID: R519843 (0)	**Test Name :** ANIONS BY E300.0, REV 2.1, 1993				**Matrix:** Water	
HS25080693-01	001	14 Aug 2025 12:00			15 Aug 2025 09:54	5
HS25080693-01	001	14 Aug 2025 12:00			15 Aug 2025 07:10	1
HS25080693-02	002	14 Aug 2025 09:40			15 Aug 2025 10:11	5
HS25080693-02	002	14 Aug 2025 09:40			15 Aug 2025 07:16	1
HS25080693-03	003	14 Aug 2025 10:40			15 Aug 2025 10:17	5
HS25080693-03	003	14 Aug 2025 10:40			15 Aug 2025 07:22	1
HS25080693-04	004	14 Aug 2025 08:45			15 Aug 2025 07:28	1
HS25080693-05	005	14 Aug 2025 11:30			15 Aug 2025 10:23	5
HS25080693-05	005	14 Aug 2025 11:30			15 Aug 2025 07:33	1
Batch ID: R519900 (0)	**Test Name :** TOTAL SUSPENDED SOLIDS BY SM 2540D				**Matrix:** Water	
HS25080693-02	002	14 Aug 2025 09:40			18 Aug 2025 10:00	1
HS25080693-03	003	14 Aug 2025 10:40			18 Aug 2025 10:00	1
HS25080693-04	004	14 Aug 2025 08:45			18 Aug 2025 10:00	1
HS25080693-05	005	14 Aug 2025 11:30			18 Aug 2025 10:00	1
Batch ID: R519901 (0)	**Test Name :** VOLATILES BY EPA 624.1				**Matrix:** Water	
HS25080693-01	001	14 Aug 2025 12:00			16 Aug 2025 04:51	1
HS25080693-02	002	14 Aug 2025 09:40			16 Aug 2025 05:13	1
HS25080693-03	003	14 Aug 2025 10:40			16 Aug 2025 05:35	1
HS25080693-04	004	14 Aug 2025 08:45			16 Aug 2025 05:57	1
HS25080693-05	005	14 Aug 2025 11:30			16 Aug 2025 06:19	1
Batch ID: R519925 (0)	**Test Name :** CHEMICAL OXYGEN DEMAND BY HACH 8000				**Matrix:** Water	
HS25080693-01	001	14 Aug 2025 12:00			18 Aug 2025 11:30	1
HS25080693-02	002	14 Aug 2025 09:40			18 Aug 2025 11:30	1
HS25080693-03	003	14 Aug 2025 10:40			18 Aug 2025 11:30	1
HS25080693-04	004	14 Aug 2025 08:45			18 Aug 2025 11:30	1
HS25080693-05	005	14 Aug 2025 11:30			18 Aug 2025 11:30	1

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080693

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: R519944 (0)	**Test Name :** TOTAL ORGANIC CARBON - SM5310B				**Matrix:** Water	
HS25080693-01	001	14 Aug 2025 12:00			15 Aug 2025 13:56	1
HS25080693-02	002	14 Aug 2025 09:40			15 Aug 2025 14:18	1
HS25080693-03	003	14 Aug 2025 10:40			15 Aug 2025 15:22	1
HS25080693-04	004	14 Aug 2025 08:45			15 Aug 2025 15:34	1
HS25080693-05	005	14 Aug 2025 11:30			15 Aug 2025 15:44	1
Batch ID: R520103 (0)	**Test Name :** TOTAL DISSOLVED SOLIDS BY SM2540C				**Matrix:** Water	
HS25080693-01	001	14 Aug 2025 12:00			20 Aug 2025 07:00	1
HS25080693-02	002	14 Aug 2025 09:40			20 Aug 2025 07:00	1
HS25080693-03	003	14 Aug 2025 10:40			20 Aug 2025 07:00	1
HS25080693-04	004	14 Aug 2025 08:45			20 Aug 2025 07:00	1
HS25080693-05	005	14 Aug 2025 11:30			20 Aug 2025 07:00	1
Batch ID: R520166 (0)	**Test Name :** MISC. GCFID PARAMETERS BY SW8015C				**Matrix:** Water	
HS25080693-01	001	14 Aug 2025 12:00			20 Aug 2025 16:35	1
HS25080693-02	002	14 Aug 2025 09:40			20 Aug 2025 16:51	1
HS25080693-03	003	14 Aug 2025 10:40			20 Aug 2025 17:07	1
HS25080693-04	004	14 Aug 2025 08:45			20 Aug 2025 17:23	1
HS25080693-05	005	14 Aug 2025 11:30			20 Aug 2025 17:39	1
Batch ID: R520342 (0)	**Test Name :** SUBCONTRACT ANALYSIS - FECAL COLIFORM				**Matrix:** Water	
HS25080693-01	001	14 Aug 2025 12:00			25 Aug 2025 08:34	1
HS25080693-02	002	14 Aug 2025 09:40			25 Aug 2025 08:34	1
HS25080693-03	003	14 Aug 2025 10:40			25 Aug 2025 08:34	1
HS25080693-04	004	14 Aug 2025 08:45			25 Aug 2025 08:34	1
HS25080693-05	005	14 Aug 2025 11:30			25 Aug 2025 08:34	1
Batch ID: R520394 (0)	**Test Name :** RESIDUAL CHLORINE BY SM4500CL F				**Matrix:** Water	
HS25080693-01	001	14 Aug 2025 12:00			25 Aug 2025 13:46	1
HS25080693-02	002	14 Aug 2025 09:40			25 Aug 2025 13:46	1
HS25080693-03	003	14 Aug 2025 10:40			25 Aug 2025 13:46	1
HS25080693-04	004	14 Aug 2025 08:45			25 Aug 2025 13:46	1
HS25080693-05	005	14 Aug 2025 11:30			25 Aug 2025 13:46	1
Batch ID: R520579 (0)	**Test Name :** OIL & GREASE BY E1664A				**Matrix:** Water	
HS25080693-01	001	14 Aug 2025 12:00			27 Aug 2025 06:35	1
HS25080693-02	002	14 Aug 2025 09:40			27 Aug 2025 06:35	1

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080693

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: R520687 (0)	**Test Name :** TRIVALENT CHROMIUM				**Matrix:** Water	
HS25080693-01	001	14 Aug 2025 12:00			28 Aug 2025 11:01	1
HS25080693-02	002	14 Aug 2025 09:40			28 Aug 2025 11:01	1
HS25080693-03	003	14 Aug 2025 10:40			28 Aug 2025 11:01	1
HS25080693-04	004	14 Aug 2025 08:45			28 Aug 2025 11:01	1
HS25080693-05	005	14 Aug 2025 11:30			28 Aug 2025 11:01	1
Batch ID: R520700 (0)	**Test Name :** OIL & GREASE BY E1664A				**Matrix:** Water	
HS25080693-03	003	14 Aug 2025 10:40			28 Aug 2025 06:35	1
HS25080693-04	004	14 Aug 2025 08:45			28 Aug 2025 06:35	1
HS25080693-05	005	14 Aug 2025 11:30			28 Aug 2025 06:35	1
Batch ID: R520711 (0)	**Test Name :** ORGANIC NITROGEN BY SM4500-NH3D MINUS NH3F				**Matrix:** Water	
HS25080693-01	001	14 Aug 2025 12:00			28 Aug 2025 14:50	1
HS25080693-02	002	14 Aug 2025 09:40			28 Aug 2025 14:50	1
HS25080693-03	003	14 Aug 2025 10:40			28 Aug 2025 14:50	1
HS25080693-04	004	14 Aug 2025 08:45			28 Aug 2025 14:50	1
HS25080693-05	005	14 Aug 2025 11:30			28 Aug 2025 14:50	1

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080693

QC BATCH REPORT

Batch ID: 231801 (0) **Instrument: ECD_17** **Method: CHLORINATED PEST/PCBS BY E608**

MBLK Sample ID: **MBLK-231801** Units: **ug/L** Analysis Date: **19-Aug-2025 01:59**
Client ID: Run ID: **ECD_17_519947** SeqNo: **8991838** PrepDate: **18-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	U	0.500								
Aroclor 1221	U	0.500								
Aroclor 1232	U	0.500								
Aroclor 1242	U	0.500								
Aroclor 1248	U	0.500								
Aroclor 1254	U	0.500								
Aroclor 1260	U	0.500								
Surr: Decachlorobiphenyl	*0.168*	*0.100*	*0.2*	*0*	*84.0*	*61 - 154*				
Surr: Tetrachlor-m-xylene	*0.1635*	*0.0500*	*0.2*	*0*	*81.8*	*60 - 144*				

LCS Sample ID: **LCS1-231801** Units: **ug/L** Analysis Date: **19-Aug-2025 01:37**
Client ID: Run ID: **ECD_17_519947** SeqNo: **8991836** PrepDate: **18-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	4.013	0.500	5	0	80.3	54 - 138				
Aroclor 1260	4.281	0.500	5	0	85.6	57 - 136				
Surr: Decachlorobiphenyl	*0.177*	*0.100*	*0.2*	*0*	*88.5*	*61 - 154*				
Surr: Tetrachlor-m-xylene	*0.1702*	*0.0500*	*0.2*	*0*	*85.1*	*60 - 144*				

LCSD Sample ID: **LCSD1-231801** Units: **ug/L** Analysis Date: **19-Aug-2025 01:48**
Client ID: Run ID: **ECD_17_519947** SeqNo: **8991837** PrepDate: **18-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	4.025	0.500	5	0	80.5	54 - 138	4.013	0.311	20	
Aroclor 1260	4.291	0.500	5	0	85.8	57 - 136	4.281	0.229	20	
Surr: Decachlorobiphenyl	*0.1742*	*0.100*	*0.2*	*0*	*87.1*	*61 - 154*	*0.177*	*1.61*	*20*	
Surr: Tetrachlor-m-xylene	*0.1679*	*0.0500*	*0.2*	*0*	*84.0*	*60 - 144*	*0.1702*	*1.33*	*20*	

The following samples were analyzed in this batch: HS25080693-01 HS25080693-02 HS25080693-03 HS25080693-04 HS25080693-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080693

QC BATCH REPORT

Batch ID: R520166 (0) **Instrument: FID-16** **Method: MISC. GCFID PARAMETERS BY SW8015C**

MBLK Sample ID: **MBLK-250820** Units: **mg/L** Analysis Date: **20-Aug-2025 14:26**
Client ID: Run ID: **FID-16_520166** SeqNo: **8996489** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethylene Glycol	U	2.0								

LCS Sample ID: **LCS-250820** Units: **mg/L** Analysis Date: **20-Aug-2025 13:54**
Client ID: Run ID: **FID-16_520166** SeqNo: **8996487** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethylene Glycol	29.08	2.0	25	0	116	70 - 130				

LCSD Sample ID: **LCSD-250820** Units: **mg/L** Analysis Date: **20-Aug-2025 14:10**
Client ID: Run ID: **FID-16_520166** SeqNo: **8996488** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethylene Glycol	29.84	2.0	25	0	119	70 - 130	29.08	2.59	30	

The following samples were analyzed in this batch: HS25080693-01 HS25080693-02 HS25080693-03 HS25080693-04 HS25080693-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080693

QC BATCH REPORT

Batch ID: 231748 (0) **Instrument: HG05** **Method: MERCURY BY E245.1, R3.0, 1994**

MBLK Sample ID: **MBLK-231748** Units: **mg/L** Analysis Date: **15-Aug-2025 14:29**
Client ID: Run ID: **HG05_519798** SeqNo: **8988597** PrepDate: **15-Aug-2025** DF: **1**

Analyte	Result		PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	U		0.000200								

LCS Sample ID: **LCS-231748** Units: **mg/L** Analysis Date: **15-Aug-2025 14:32**
Client ID: Run ID: **HG05_519798** SeqNo: **8988598** PrepDate: **15-Aug-2025** DF: **1**

Analyte	Result		PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.0044		0.000200	0.005	0	88.0	85 - 115				

MS Sample ID: **HS25080693-01MS** Units: **mg/L** Analysis Date: **15-Aug-2025 14:40**
Client ID: **001** Run ID: **HG05_519798** SeqNo: **8988721** PrepDate: **15-Aug-2025** DF: **1**

Analyte	Result		PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00443		0.000200	0.005	-0.000003	88.7	70 - 130				

MSD Sample ID: **HS25080693-01MSD** Units: **mg/L** Analysis Date: **15-Aug-2025 14:45**
Client ID: **001** Run ID: **HG05_519798** SeqNo: **8988724** PrepDate: **15-Aug-2025** DF: **1**

Analyte	Result		PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.0047		0.000200	0.005	-0.000003	94.1	70 - 130	0.00443	5.91	20	

The following samples were analyzed in this batch: HS25080693-01 HS25080693-02 HS25080693-03 HS25080693-04 HS25080693-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080693

QC BATCH REPORT

Batch ID: 232211 (0) **Instrument: ICPMS06** **Method: TOTAL METALS BY E200.8, REV 5.4, 1994**

MBLK Sample ID: **MBLK-232211** Units: **ug/L** Analysis Date: **28-Aug-2025 11:05**
Client ID: Run ID: **ICPMS06_520684** SeqNo: **9008125** PrepDate: **27-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aluminum	U	10.0								
Antimony	U	5.00								
Arsenic	U	2.00								
Barium	U	4.00								
Beryllium	U	5.00								
Cadmium	U	2.00								
Chromium	U	4.00								
Copper	U	2.00								
Lead	U	2.00								
Nickel	U	2.00								
Selenium	U	2.00								
Silver	U	2.00								
Thallium	U	2.00								
Zinc	U	4.00								

LCS Sample ID: **LCS-232211** Units: **ug/L** Analysis Date: **28-Aug-2025 11:07**
Client ID: Run ID: **ICPMS06_520684** SeqNo: **9008126** PrepDate: **27-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aluminum	106.2	10.0	100	0	106	85 - 115				
Antimony	50	5.00	50	0	100	85 - 115				
Arsenic	50.68	2.00	50	0	101	85 - 115				
Barium	49.96	4.00	50	0	99.9	85 - 115				
Beryllium	50.08	5.00	50	0	100	85 - 115				
Cadmium	52.62	2.00	50	0	105	85 - 115				
Chromium	50.43	4.00	50	0	101	85 - 115				
Copper	51.24	2.00	50	0	102	85 - 115				
Lead	50.1	2.00	50	0	100	85 - 115				
Nickel	51.32	2.00	50	0	103	85 - 115				
Selenium	53.09	2.00	50	0	106	85 - 115				
Silver	54.31	2.00	50	0	109	85 - 115				
Thallium	51.03	2.00	50	0	102	85 - 115				
Zinc	55.96	4.00	50	0	112	85 - 115				

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080693

QC BATCH REPORT

Batch ID: 232211 (0) **Instrument: ICPMS06** **Method: TOTAL METALS BY E200.8, REV 5.4, 1994**

MS Sample ID: **HS25080693-01MS** Units: **ug/L** Analysis Date: **28-Aug-2025 11:20**
Client ID: **001** Run ID: **ICPMS06_520684** SeqNo: **9008132** PrepDate: **27-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aluminum	518.8	10.0	100	456.8	62.0	70 - 130				SO
Antimony	48.72	5.00	50	1.441	94.6	70 - 130				
Arsenic	53.93	2.00	50	3.143	102	70 - 130				
Barium	133.5	4.00	50	87.05	92.9	70 - 130				
Beryllium	50.67	5.00	50	0.069	101	70 - 130				
Cadmium	51.12	2.00	50	0.166	102	70 - 130				
Chromium	55.19	4.00	50	6.68	97.0	70 - 130				
Copper	54.8	2.00	50	6.966	95.7	70 - 130				
Lead	50.1	2.00	50	1.172	97.9	70 - 130				
Nickel	50.83	2.00	50	1.542	98.6	70 - 130				
Selenium	52.66	2.00	50	0.717	104	70 - 130				
Silver	49.38	2.00	50	0.004	98.8	70 - 130				
Thallium	52.76	2.00	50	0.005	106	70 - 130				
Zinc	117.7	4.00	50	67.05	101	70 - 130				

MS Sample ID: **HS25080671-04MS** Units: **ug/L** Analysis Date: **28-Aug-2025 11:11**
Client ID: Run ID: **ICPMS06_520684** SeqNo: **9008128** PrepDate: **27-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aluminum	350.2	10.0	100	236	114	70 - 130				
Antimony	50.31	5.00	50	0.339	99.9	70 - 130				
Arsenic	55.18	2.00	50	0.795	109	70 - 130				
Barium	205.5	4.00	50	149.4	112	70 - 130				
Beryllium	54.23	5.00	50	0.036	108	70 - 130				
Cadmium	52.52	2.00	50	0.33	104	70 - 130				
Chromium	52.28	4.00	50	1.59	101	70 - 130				
Copper	246.6	2.00	50	179.1	135	70 - 130				S
Lead	53.12	2.00	50	0.914	104	70 - 130				
Nickel	90.13	2.00	50	40.19	99.9	70 - 130				
Selenium	45.98	2.00	50	0.739	90.5	70 - 130				
Silver	49.4	2.00	50	0.005	98.8	70 - 130				
Thallium	54.22	2.00	50	0.027	108	70 - 130				
Zinc	2073	4.00	50	2078	-11.4	70 - 130				SEO

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080693

QC BATCH REPORT

Batch ID: 232211 (0) **Instrument: ICPMS06** **Method: TOTAL METALS BY E200.8, REV 5.4, 1994**

MSD Sample ID: **HS25080693-01MSD** Units: **ug/L** Analysis Date: **28-Aug-2025 11:22**
Client ID: **001** Run ID: **ICPMS06_520684** SeqNo: **9008133** PrepDate: **27-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
Aluminum	523.2	10.0	100	456.8	66.4	70 - 130	518.8	0.842	20	SO
Antimony	48.06	5.00	50	1.441	93.2	70 - 130	48.72	1.37	20	
Arsenic	53.55	2.00	50	3.143	101	70 - 130	53.93	0.711	20	
Barium	134.7	4.00	50	87.05	95.3	70 - 130	133.5	0.922	20	
Beryllium	51.83	5.00	50	0.069	104	70 - 130	50.67	2.26	20	
Cadmium	51.54	2.00	50	0.166	103	70 - 130	51.12	0.824	20	
Chromium	55.31	4.00	50	6.68	97.3	70 - 130	55.19	0.221	20	
Copper	55.22	2.00	50	6.966	96.5	70 - 130	54.8	0.76	20	
Lead	50.74	2.00	50	1.172	99.1	70 - 130	50.1	1.25	20	
Nickel	50.95	2.00	50	1.542	98.8	70 - 130	50.83	0.242	20	
Selenium	53.77	2.00	50	0.717	106	70 - 130	52.66	2.1	20	
Silver	49.62	2.00	50	0.004	99.2	70 - 130	49.38	0.481	20	
Thallium	51.8	2.00	50	0.005	104	70 - 130	52.76	1.83	20	
Zinc	118.6	4.00	50	67.05	103	70 - 130	117.7	0.748	20	

MSD Sample ID: **HS25080671-04MSD** Units: **ug/L** Analysis Date: **28-Aug-2025 11:13**
Client ID: Run ID: **ICPMS06_520684** SeqNo: **9008129** PrepDate: **27-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
Aluminum	347	10.0	100	236	111	70 - 130	350.2	0.911	20	
Antimony	50.02	5.00	50	0.339	99.4	70 - 130	50.31	0.57	20	
Arsenic	54.38	2.00	50	0.795	107	70 - 130	55.18	1.46	20	
Barium	205.8	4.00	50	149.4	113	70 - 130	205.5	0.118	20	
Beryllium	53.57	5.00	50	0.036	107	70 - 130	54.23	1.23	20	
Cadmium	52.46	2.00	50	0.33	104	70 - 130	52.52	0.118	20	
Chromium	51.82	4.00	50	1.59	100	70 - 130	52.28	0.882	20	
Copper	248.1	2.00	50	179.1	138	70 - 130	246.6	0.615	20	S
Lead	52.14	2.00	50	0.914	102	70 - 130	53.12	1.86	20	
Nickel	89.64	2.00	50	40.19	98.9	70 - 130	90.13	0.55	20	
Selenium	44.74	2.00	50	0.739	88.0	70 - 130	45.98	2.73	20	
Silver	48.88	2.00	50	0.005	97.8	70 - 130	49.4	1.06	20	
Thallium	55.64	2.00	50	0.027	111	70 - 130	54.22	2.59	20	
Zinc	2072	4.00	50	2078	-12.7	70 - 130	2073	0.033	20	SEO

The following samples were analyzed in this batch: HS25080693-01 HS25080693-02 HS25080693-03 HS25080693-04 HS25080693-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080693

QC BATCH REPORT

Batch ID: 231757 (0) **Instrument: SV-7** **Method: SEMIVOLATILES BY E625.1**

MBLK Sample ID: **MBLK-231757** Units: **ug/L** Analysis Date: **18-Aug-2025 12:16**
Client ID: Run ID: **SV-7_519896** SeqNo: **8990361** PrepDate: **15-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4,5-Tetrachlorobenzene	U	0.20								
2,4,5-Trichlorophenol	U	0.20								
2-Methylphenol	U	0.20								
3&4-Methylphenol	U	0.40								
4,6-Dinitro-2-methylphenol	U	1.0								
4-Chloro-3-methylphenol	U	0.20								
Benz(a)anthracene	U	0.10								
Benzidine	U	0.20								
Benzo(a)pyrene	U	0.10								
Chrysene	U	0.10								
Hexachlorobenzene	U	0.20								
Hexachloroethane	U	0.20								
Nitrobenzene	U	0.20								
N-Nitrosodiethylamine	U	0.20								
N-Nitroso-di-n-butylamine	U	0.20								
Pentachlorobenzene	U	0.20								
Pentachlorophenol	U	0.20								
Phenanthrene	U	0.10								
Pyridine	U	0.10								
Surr: 2,4,6-Tribromophenol	*2.796*	*0*	*5*	*0*	*55.9*	*34 - 129*				
Surr: 2-Fluorobiphenyl	*2.659*	*0*	*5*	*0*	*53.2*	*40 - 125*				
Surr: 2-Fluorophenol	*3.078*	*0*	*5*	*0*	*61.6*	*20 - 120*				
Surr: 4-Terphenyl-d14	*2.604*	*0*	*5*	*0*	*52.1*	*40 - 135*				
Surr: Nitrobenzene-d5	*2.249*	*0*	*5*	*0*	*45.0*	*41 - 120*				
Surr: Phenol-d6	*3.079*	*0*	*5*	*0*	*61.6*	*20 - 120*				

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080693

QC BATCH REPORT

Batch ID: 231757 (0) **Instrument: SV-7** **Method: SEMIVOLATILES BY E625.1**

LCS Sample ID: **LCS-231757** Units: **ug/L** Analysis Date: **18-Aug-2025 12:41**
Client ID: Run ID: **SV-7_519896** SeqNo: **8990362** PrepDate: **15-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4,5-Tetrachlorobenzene	3.502	0.20	5	0	70.0	40 - 140				
2,4,5-Trichlorophenol	3	0.20	5	0	60.0	40 - 120				
2-Methylphenol	2.842	0.20	5	0	56.8	45 - 120				
3&4-Methylphenol	2.733	0.40	5	0	54.7	35 - 120				
4,6-Dinitro-2-methylphenol	3.348	1.0	5	0	67.0	25 - 121				
4-Chloro-3-methylphenol	2.793	0.20	5	0	55.9	47 - 120				
Benz(a)anthracene	3.151	0.10	5	0	63.0	40 - 120				
Benzidine	1.586	0.20	5	0	31.7	10 - 120				
Benzo(a)pyrene	3.184	0.10	5	0	63.7	45 - 120				
Chrysene	3.12	0.10	5	0	62.4	43 - 120				
Hexachlorobenzene	3.487	0.20	5	0	69.7	48 - 120				
Hexachloroethane	2.572	0.20	5	0	51.4	40 - 120				
Nitrobenzene	2.52	0.20	5	0	50.4	44 - 120				
N-Nitrosodiethylamine	3.181	0.20	5	0	63.6	30 - 140				
N-Nitroso-di-n-butylamine	4.707	0.20	5	0	94.1	30 - 140				
Pentachlorobenzene	4.023	0.20	5	0	80.5	40 - 140				
Pentachlorophenol	3.234	0.20	5	0	64.7	19 - 121				
Phenanthrene	3.127	0.10	5	0	62.5	54 - 120				
Pyridine	2.987	0.10	5	0	59.7	15 - 120				
Surr: 2,4,6-Tribromophenol	*2.494*	*0*	*5*	*0*	*49.9*	*34 - 129*				
Surr: 2-Fluorobiphenyl	*2.271*	*0*	*5*	*0*	*45.4*	*40 - 125*				
Surr: 2-Fluorophenol	*2.418*	*0*	*5*	*0*	*48.4*	*20 - 120*				
Surr: 4-Terphenyl-d14	*2.42*	*0*	*5*	*0*	*48.4*	*40 - 135*				
Surr: Nitrobenzene-d5	*2.094*	*0*	*5*	*0*	*41.9*	*41 - 120*				
Surr: Phenol-d6	*2.73*	*0*	*5*	*0*	*54.6*	*20 - 120*				

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080693

QC BATCH REPORT

Batch ID: 231757 (0) **Instrument: SV-7** **Method: SEMIVOLATILES BY E625.1**

LCSD Sample ID: **LCSD-231757** Units: **ug/L** Analysis Date: **18-Aug-2025 13:06**
Client ID: Run ID: **SV-7_519896** SeqNo: **8990363** PrepDate: **15-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4,5-Tetrachlorobenzene	3.516	0.20	5	0	70.3	40 - 140	3.502	0.404	20	
2,4,5-Trichlorophenol	3.016	0.20	5	0	60.3	40 - 120	3	0.539	20	
2-Methylphenol	2.793	0.20	5	0	55.9	45 - 120	2.842	1.72	20	
3&4-Methylphenol	2.908	0.40	5	0	58.2	35 - 120	2.733	6.2	20	
4,6-Dinitro-2-methylphenol	3.335	1.0	5	0	66.7	25 - 121	3.348	0.381	20	
4-Chloro-3-methylphenol	2.913	0.20	5	0	58.3	47 - 120	2.793	4.2	20	
Benz(a)anthracene	3.188	0.10	5	0	63.8	40 - 120	3.151	1.17	20	
Benzidine	1.603	0.20	5	0	32.1	10 - 120	1.586	1.06	20	
Benzo(a)pyrene	3.384	0.10	5	0	67.7	45 - 120	3.184	6.09	20	
Chrysene	2.973	0.10	5	0	59.5	43 - 120	3.12	4.82	20	
Hexachlorobenzene	3.429	0.20	5	0	68.6	48 - 120	3.487	1.69	20	
Hexachloroethane	2.79	0.20	5	0	55.8	40 - 120	2.572	8.12	20	
Nitrobenzene	2.617	0.20	5	0	52.3	44 - 120	2.52	3.79	20	
N-Nitrosodiethylamine	3.468	0.20	5	0	69.4	30 - 140	3.181	8.62	20	
N-Nitroso-di-n-butylamine	4.613	0.20	5	0	92.3	30 - 140	4.707	2.02	20	
Pentachlorobenzene	4.169	0.20	5	0	83.4	40 - 140	4.023	3.55	20	
Pentachlorophenol	3.456	0.20	5	0	69.1	19 - 121	3.234	6.62	20	
Phenanthrene	3.075	0.10	5	0	61.5	54 - 120	3.127	1.67	20	
Pyridine	2.885	0.10	5	0	57.7	15 - 120	2.987	3.45	20	
Surr: 2,4,6-Tribromophenol	*2.627*	*0*	*5*	*0*	*52.5*	*34 - 129*	*2.494*	*5.2*	*20*	
Surr: 2-Fluorobiphenyl	*2.198*	*0*	*5*	*0*	*44.0*	*40 - 125*	*2.271*	*3.28*	*20*	
Surr: 2-Fluorophenol	*2.594*	*0*	*5*	*0*	*51.9*	*20 - 120*	*2.418*	*7*	*20*	
Surr: 4-Terphenyl-d14	*2.348*	*0*	*5*	*0*	*47.0*	*40 - 135*	*2.42*	*3.02*	*20*	
Surr: Nitrobenzene-d5	*2.19*	*0*	*5*	*0*	*43.8*	*41 - 120*	*2.094*	*4.48*	*20*	
Surr: Phenol-d6	*2.798*	*0*	*5*	*0*	*56.0*	*20 - 120*	*2.73*	*2.48*	*20*	

The following samples were analyzed in this batch: HS25080693-01 HS25080693-02 HS25080693-03 HS25080693-04 HS25080693-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080693

QC BATCH REPORT

Batch ID: R519901 (0) **Instrument: VOA11** **Method: VOLATILES BY EPA 624.1**

MBLK Sample ID: **MBLK** Units: **ug/L** Analysis Date: **15-Aug-2025 21:50**
Client ID: Run ID: **VOA11_519901** SeqNo: **8990478** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	1.0								
1,1-Dichloroethene	U	1.0								
1,2-Dibromoethane	U	2.0								
1,2-Dichloroethane	U	2.0								
1,4-Dichlorobenzene	U	2.0								
2-Butanone	U	10								
Benzene	U	1.0								
Carbon Tetrachloride	U	2.0								
Chlorobenzene	U	2.0								
Chloroform	U	2.0								
Dibromochloromethane	U	2.0								
Hexachlorobutadiene	U	10								
Tetrachloroethene	U	2.0								
Total Trihalomethanes (TTHMs)	U	5.0								
Trichloroethene	U	2.0								
Vinyl Chloride	U	1.0								
Surr: Dibromofluoromethane	*50.17*	*0*	*50*	*0*	*100*	*80 - 120*				
Surr: 1,2-Dichloroethane-d4	*52.52*	*0*	*50*	*0*	*105*	*60 - 140*				
Surr: 4-Bromofluorobenzene	*55.05*	*0*	*50*	*0*	*110*	*60 - 140*				
Surr: Toluene-d8	*52.09*	*0*	*50*	*0*	*104*	*60 - 140*				

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080693

QC BATCH REPORT

Batch ID: R519901 (0) **Instrument: VOA11** **Method: VOLATILES BY EPA 624.1**

LCS Sample ID: **LCS** Units: **ug/L** Analysis Date: **15-Aug-2025 19:38**
Client ID: Run ID: **VOA11_519901** SeqNo: **8990476** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	19.56	1.0	20	0	97.8	70 - 130				
1,1-Dichloroethene	19.9	1.0	20	0	99.5	70 - 130				
1,2-Dibromoethane	20.7	2.0	20	0	103	76 - 123				
1,2-Dichloroethane	19.09	2.0	20	0	95.4	70 - 124				
1,4-Dichlorobenzene	20.48	2.0	20	0	102	79 - 113				
2-Butanone	102.8	10	100	0	103	70 - 130				
Benzene	19.03	1.0	20	0	95.1	74 - 120				
Carbon Tetrachloride	19.48	2.0	20	0	97.4	71 - 125				
Chlorobenzene	19.82	2.0	20	0	99.1	76 - 113				
Chloroform	19.57	2.0	20	0	97.8	71 - 121				
Dibromochloromethane	17.93	2.0	20	0	89.7	77 - 122				
Hexachlorobutadiene	20.97	10	20	0	105	80 - 120				
Tetrachloroethene	19.85	2.0	20	0	99.2	76 - 119				
Trichloroethene	19.13	2.0	20	0	95.7	79 - 120				
Vinyl Chloride	18.42	1.0	20	0	92.1	70 - 130				
Surr: Dibromofluoromethane	*50.03*	*0*	*50*	*0*	*100*	*80 - 120*				
Surr: 1,2-Dichloroethane-d4	*50.26*	*0*	*50*	*0*	*101*	*70 - 130*				
Surr: 4-Bromofluorobenzene	*53.93*	*0*	*50*	*0*	*108*	*83 - 122*				
Surr: Toluene-d8	*52.78*	*0*	*50*	*0*	*106*	*81 - 119*				

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080693

QC BATCH REPORT

Batch ID: R519901 (0) **Instrument: VOA11** **Method: VOLATILES BY EPA 624.1**

LCSD Sample ID: **LCSD** Units: **ug/L** Analysis Date: **15-Aug-2025 20:00**
Client ID: Run ID: **VOA11_519901** SeqNo: **8990477** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
1,1,1-Trichloroethane	19.2	1.0	20	0	96.0	70 - 130	19.56	1.85	20	
1,1-Dichloroethene	19.13	1.0	20	0	95.6	70 - 130	19.9	3.94	20	
1,2-Dibromoethane	20.24	2.0	20	0	101	76 - 123	20.7	2.22	20	
1,2-Dichloroethane	18.96	2.0	20	0	94.8	76 - 123	19.09	0.641	20	
1,4-Dichlorobenzene	19.65	2.0	20	0	98.3	79 - 113	20.48	4.12	20	
2-Butanone	101.4	10	100	0	101	70 - 130	102.8	1.39	20	
Benzene	18.44	1.0	20	0	92.2	74 - 120	19.03	3.13	20	
Carbon Tetrachloride	18.2	2.0	20	0	91.0	71 - 125	19.48	6.83	20	
Chlorobenzene	19.48	2.0	20	0	97.4	76 - 113	19.82	1.76	20	
Chloroform	19.18	2.0	20	0	95.9	71 - 121	19.57	1.99	20	
Dibromochloromethane	17.26	2.0	20	0	86.3	77 - 122	17.93	3.81	20	
Hexachlorobutadiene	19.94	10	20	0	99.7	80 - 120	20.97	5.02	20	
Tetrachloroethene	18.49	2.0	20	0	92.5	76 - 119	19.85	7.07	20	
Trichloroethene	19	2.0	20	0	95.0	79 - 120	19.13	0.687	20	
Vinyl Chloride	18.04	1.0	20	0	90.2	70 - 130	18.42	2.13	20	
Surr: Dibromofluoromethane	*50.3*	*0*	*50*	*0*	*101*	*80 - 120*	*50.03*	*0.552*	*20*	
Surr: 1,2-Dichloroethane-d4	*50.22*	*0*	*50*	*0*	*100*	*70 - 130*	*50.26*	*0.0597*	*20*	
Surr: 4-Bromofluorobenzene	*52.67*	*0*	*50*	*0*	*105*	*83 - 122*	*53.93*	*2.35*	*20*	
Surr: Toluene-d8	*51.79*	*0*	*50*	*0*	*104*	*81 - 119*	*52.78*	*1.9*	*20*	

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080693

QC BATCH REPORT

Batch ID: R519901 (0) **Instrument: VOA11** **Method: VOLATILES BY EPA 624.1**

MS Sample ID: **HS25080657-01MS** Units: **ug/L** Analysis Date: **16-Aug-2025 00:25**
Client ID: Run ID: **VOA11_519901** SeqNo: **8990479** PrepDate: DF: **20**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	396.1	20	400	0	99.0	70 - 130				
1,1-Dichloroethene	407.3	20	400	0	102	70 - 130				
1,2-Dibromoethane	396.2	40	400	0	99.1	70 - 124				
1,2-Dichloroethane	383.2	40	400	0.74	95.6	70 - 124				
1,4-Dichlorobenzene	385.9	40	400	1.18	96.2	70 - 114				
2-Butanone	1852	200	2000	2.06	92.5	70 - 130				
Benzene	384.6	20	400	1.14	95.9	70 - 127				
Carbon Tetrachloride	406.7	40	400	0	102	70 - 130				
Chlorobenzene	404	40	400	0.34	101	70 - 114				
Chloroform	395.2	40	400	0	98.8	70 - 125				
Dibromochloromethane	351.4	40	400	0	87.8	70 - 124				
Hexachlorobutadiene	387.1	200	400	1.5	96.4	80 - 120				
Tetrachloroethene	410.2	40	400	0	103	70 - 130				
Trichloroethene	389.7	40	400	0	97.4	70 - 129				
Vinyl Chloride	389	20	400	0	97.2	70 - 130				
Surr: Dibromofluoromethane	*1012*	*0*	*1000*	*0*	*101*	*80 - 120*				
Surr: 1,2-Dichloroethane-d4	*1036*	*0*	*1000*	*0*	*104*	*70 - 125*				
Surr: 4-Bromofluorobenzene	*1051*	*0*	*1000*	*0*	*105*	*82 - 124*				
Surr: Toluene-d8	*1057*	*0*	*1000*	*0*	*106*	*82 - 127*				

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080693

QC BATCH REPORT

Batch ID: R519901 (0) **Instrument: VOA11** **Method: VOLATILES BY EPA 624.1**

MSD Sample ID: **HS25080657-01MSD** Units: **ug/L** Analysis Date: **16-Aug-2025 00:47**
Client ID: Run ID: **VOA11_519901** SeqNo: **8990480** PrepDate: DF: **20**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
1,1,1-Trichloroethane	404	20	400	0	101	70 - 130	396.1	1.98	20	
1,1-Dichloroethene	406.2	20	400	0	102	70 - 130	407.3	0.275	20	
1,2-Dibromoethane	389.4	40	400	0	97.3	70 - 124	396.2	1.75	20	
1,2-Dichloroethane	385.4	40	400	0.74	96.2	70 - 127	383.2	0.572	20	
1,4-Dichlorobenzene	378.5	40	400	1.18	94.3	70 - 114	385.9	1.92	20	
2-Butanone	1925	200	2000	2.06	96.2	70 - 130	1852	3.89	20	
Benzene	388	20	400	1.14	96.7	70 - 127	384.6	0.859	20	
Carbon Tetrachloride	407.5	40	400	0	102	70 - 130	406.7	0.192	20	
Chlorobenzene	390.8	40	400	0.34	97.6	70 - 114	404	3.31	20	
Chloroform	392.2	40	400	0	98.1	70 - 125	395.2	0.752	20	
Dibromochloromethane	341.5	40	400	0	85.4	70 - 124	351.4	2.84	20	
Hexachlorobutadiene	403.7	200	400	1.5	101	80 - 120	387.1	4.2	20	
Tetrachloroethene	397.2	40	400	0	99.3	70 - 130	410.2	3.22	20	
Trichloroethene	403	40	400	0	101	70 - 129	389.7	3.37	20	
Vinyl Chloride	382.6	20	400	0	95.6	70 - 130	389	1.67	20	
Surr: Dibromofluoromethane	*1005*	*0*	*1000*	*0*	*100*	*80 - 120*	*1012*	*0.728*	*20*	
Surr: 1,2-Dichloroethane-d4	*1045*	*0*	*1000*	*0*	*105*	*70 - 125*	*1036*	*0.886*	*20*	
Surr: 4-Bromofluorobenzene	*1005*	*0*	*1000*	*0*	*100*	*82 - 124*	*1051*	*4.46*	*20*	
Surr: Toluene-d8	*1024*	*0*	*1000*	*0*	*102*	*82 - 127*	*1057*	*3.11*	*20*	

The following samples were analyzed in this batch: HS25080693-01 HS25080693-02 HS25080693-03 HS25080693-04 HS25080693-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080693

QC BATCH REPORT

Batch ID: 231751 (0) **Instrument: Skalar 02** **Method: BIOCHEMICAL OXYGEN DEMAND (BOD) BY SM5210B**

MBLK Sample ID: **MBLK-231751** Units: **mg/L** Analysis Date: **20-Aug-2025 22:11**
Client ID: Run ID: **Skalar 02_520145** SeqNo: **8996045** PrepDate: **15-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Biochemical Oxygen Demand	U	2.00								

LCS Sample ID: **LCS-231751** Units: **mg/L** Analysis Date: **20-Aug-2025 22:11**
Client ID: Run ID: **Skalar 02_520145** SeqNo: **8996044** PrepDate: **15-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Biochemical Oxygen Demand	196.8	2.00	198	0	99.4	84.6 - 115.4				

DUP Sample ID: **HS25080697-01DUP** Units: **mg/L** Analysis Date: **20-Aug-2025 22:11**
Client ID: Run ID: **Skalar 02_520145** SeqNo: **8996043** PrepDate: **15-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Biochemical Oxygen Demand	2.23	2.00					2.32	3.96	20	

The following samples were analyzed in this batch: HS25080693-01 HS25080693-02 HS25080693-03 HS25080693-04 HS25080693-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080693

QC BATCH REPORT

Batch ID: 231753 (0) **Instrument: Skalar 02** **Method: CBOD BY SM5210B**

MBLK Sample ID: **MBLK-231753** Units: **mg/L** Analysis Date: **20-Aug-2025 23:18**
Client ID: Run ID: **Skalar 02_520148** SeqNo: **8996079** PrepDate: **15-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Carbonaceous Biochemical Oxygen Demand	U	2.00								

LCS Sample ID: **LCS-231753** Units: **mg/L** Analysis Date: **20-Aug-2025 23:18**
Client ID: Run ID: **Skalar 02_520148** SeqNo: **8996078** PrepDate: **15-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Carbonaceous Biochemical Oxygen Demand	183	2.00	198	0	92.4	84.6 - 115.4				

DUP Sample ID: **HS25080756-02DUP** Units: **mg/L** Analysis Date: **20-Aug-2025 23:18**
Client ID: Run ID: **Skalar 02_520148** SeqNo: **8996077** PrepDate: **15-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Carbonaceous Biochemical Oxygen Demand	U	2.00					1.48	0	20	

The following samples were analyzed in this batch: HS25080693-01 HS25080693-02 HS25080693-03 HS25080693-04 HS25080693-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080693

QC BATCH REPORT

Batch ID: 231799 (0) **Instrument: UV-2450** **Method: PHOSPHORUS BY E365.3-1978**

MBLK Sample ID: **MBLK-231799** Units: **mg/L** Analysis Date: **18-Aug-2025 13:17**
Client ID: Run ID: **UV-2450_519885** SeqNo: **8990263** PrepDate: **18-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Phosphorus, Total (As P)	U	0.0500								

LCS Sample ID: **LCS-231799** Units: **mg/L** Analysis Date: **18-Aug-2025 13:17**
Client ID: Run ID: **UV-2450_519885** SeqNo: **8990262** PrepDate: **18-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Phosphorus, Total (As P)	0.227	0.0500	0.25	0	90.8	80 - 120				

MS Sample ID: **HS25080554-02MS** Units: **mg/L** Analysis Date: **18-Aug-2025 13:17**
Client ID: Run ID: **UV-2450_519885** SeqNo: **8990260** PrepDate: **18-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Phosphorus, Total (As P)	4.57	0.500	2.5	2.23	93.6	80 - 120				

MSD Sample ID: **HS25080554-02MSD** Units: **mg/L** Analysis Date: **18-Aug-2025 13:17**
Client ID: Run ID: **UV-2450_519885** SeqNo: **8990261** PrepDate: **18-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Phosphorus, Total (As P)	4.35	0.500	2.5	2.23	84.8	80 - 120	4.57	4.93	20	

The following samples were analyzed in this batch: HS25080693-01 HS25080693-02 HS25080693-03 HS25080693-04 HS25080693-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080693

QC BATCH REPORT

Batch ID: 231871 (0) **Instrument: UV-2450** **Method: CYANIDE BY SM 4500CN E&G**

MBLK Sample ID: **MBLK-231871** Units: **mg/L** Analysis Date: **19-Aug-2025 13:08**
Client ID: Run ID: **UV-2450_520007** SeqNo: **8992925** PrepDate: **19-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Cyanide	U	0.00500								

LCS Sample ID: **LCS-231871** Units: **mg/L** Analysis Date: **19-Aug-2025 13:08**
Client ID: Run ID: **UV-2450_520007** SeqNo: **8992924** PrepDate: **19-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Cyanide	0.186	0.00500	0.2	0	93.0	80 - 120				

MS Sample ID: **HS25080693-01MS** Units: **mg/L** Analysis Date: **19-Aug-2025 13:08**
Client ID: **001** Run ID: **UV-2450_520007** SeqNo: **8992922** PrepDate: **19-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Cyanide	0.184	0.00500	0.2	0	92.0	80 - 120				

MSD Sample ID: **HS25080693-01MSD** Units: **mg/L** Analysis Date: **19-Aug-2025 13:08**
Client ID: **001** Run ID: **UV-2450_520007** SeqNo: **8992923** PrepDate: **19-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Cyanide	0.178	0.00500	0.2	0	89.0	80 - 120	0.184	3.31	20	

The following samples were analyzed in this batch: HS25080693-01 HS25080693-02 HS25080693-03

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080693

QC BATCH REPORT

Batch ID: 231953 (0) **Instrument: UV-2450** **Method: CYANIDE BY SM 4500CN E&G**

MBLK Sample ID: **MBLK-231953** Units: **mg/L** Analysis Date: **21-Aug-2025 10:42**
Client ID: Run ID: **UV-2450_520191** SeqNo: **8996904** PrepDate: **21-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Cyanide	U	0.00500								

LCS Sample ID: **LCS-231953** Units: **mg/L** Analysis Date: **21-Aug-2025 10:42**
Client ID: Run ID: **UV-2450_520191** SeqNo: **8996903** PrepDate: **21-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Cyanide	0.193	0.00500	0.2	0	96.5	80 - 120				

MS Sample ID: **HS25080702-01MS** Units: **mg/L** Analysis Date: **21-Aug-2025 10:42**
Client ID: Run ID: **UV-2450_520191** SeqNo: **8996901** PrepDate: **21-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Cyanide	0.197	0.00500	0.2	0.024	86.5	80 - 120				

MSD Sample ID: **HS25080702-01MSD** Units: **mg/L** Analysis Date: **21-Aug-2025 10:42**
Client ID: Run ID: **UV-2450_520191** SeqNo: **8996902** PrepDate: **21-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Cyanide	0.203	0.00500	0.2	0.024	89.5	80 - 120	0.197	3	20	

The following samples were analyzed in this batch: HS25080693-04 HS25080693-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080693

QC BATCH REPORT

Batch ID: 231983 (0) **Instrument: WetChem_HS** **Method: TOTAL KJELDAHL NITROGEN BY SM4500 NH3 D**

MBLK Sample ID: **MBLK-231983** Units: **mg/L** Analysis Date: **21-Aug-2025 12:30**
Client ID: Run ID: **WetChem_HS_520207** SeqNo: **8997258** PrepDate: **21-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Total Kjeldahl	U	1.0								

LCS Sample ID: **LCS-231983** Units: **mg/L** Analysis Date: **21-Aug-2025 12:30**
Client ID: Run ID: **WetChem_HS_520207** SeqNo: **8997257** PrepDate: **21-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Total Kjeldahl	20.94	1.0	20	0	105	85 - 115				

MS Sample ID: **HS25080693-05MS** Units: **mg/L** Analysis Date: **21-Aug-2025 12:30**
Client ID: **005** Run ID: **WetChem_HS_520207** SeqNo: **8997255** PrepDate: **21-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Total Kjeldahl	21.54	1.0	20	1.226	102	75 - 125				

MSD Sample ID: **HS25080693-05MSD** Units: **mg/L** Analysis Date: **21-Aug-2025 12:30**
Client ID: **005** Run ID: **WetChem_HS_520207** SeqNo: **8997256** PrepDate: **21-Aug-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Total Kjeldahl	21.36	1.0	20	1.226	101	75 - 125	21.54	0.83	20	

The following samples were analyzed in this batch: HS25080693-01 HS25080693-02 HS25080693-03 HS25080693-04 HS25080693-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080693

QC BATCH REPORT

Batch ID: **R519733 (0)** **Instrument:** **Skalar 02** **Method:** **DISSOLVED OXYGEN BY SM4500-O G**

DUP Sample ID: **HS25080693-03DUP** Units: **mg/L** Analysis Date: **14-Aug-2025 18:00**
Client ID: **003** Run ID: **Skalar 02_519733** SeqNo: **8987071** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Oxygen, Dissolved	7.64	1.00					7.72	1.04	20	

The following samples were analyzed in this batch: HS25080693-01 HS25080693-02 HS25080693-03 HS25080693-04 HS25080693-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080693

QC BATCH REPORT

Batch ID: **R519773 (0)** **Instrument:** **Skalar 03** **Method:** **PH BY SM4500H+ B**

DUP Sample ID: **HS25080693-01DUP** Units: **pH Units** Analysis Date: **14-Aug-2025 20:59**
Client ID: **001** Run ID: **Skalar 03_519773** SeqNo: **8988015** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	8.57	1.00					8.55	0.234	10	
Temp Deg C @pH	23.6	0					23.7	0.423	10	

The following samples were analyzed in this batch: HS25080693-01 HS25080693-02 HS25080693-03 HS25080693-04 HS25080693-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080693

QC BATCH REPORT

Batch ID: R519786 (0) **Instrument: WetChem_HS** **Method: AMMONIA AS N BY SM4500 NH3-D (ISE)**

MBLK Sample ID: **MBLK-R519786** Units: **mg/L** Analysis Date: **15-Aug-2025 12:00**
Client ID: Run ID: **WetChem_HS_519786** SeqNo: **8988320** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Ammonia (as N)	U	0.200								

LCS Sample ID: **LCS-R519786** Units: **mg/L** Analysis Date: **15-Aug-2025 12:00**
Client ID: Run ID: **WetChem_HS_519786** SeqNo: **8988319** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Ammonia (as N)	10.14	0.200	10	0	101	85 - 115				

MS Sample ID: **HS25080693-05MS** Units: **mg/L** Analysis Date: **15-Aug-2025 12:00**
Client ID: **005** Run ID: **WetChem_HS_519786** SeqNo: **8988322** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Ammonia (as N)	10.5	0.200	10	0.24	103	80 - 120				

MSD Sample ID: **HS25080693-05MSD** Units: **mg/L** Analysis Date: **15-Aug-2025 12:00**
Client ID: **005** Run ID: **WetChem_HS_519786** SeqNo: **8988321** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Ammonia (as N)	10.09	0.200	10	0.24	98.5	80 - 120	10.5	3.91	20	

The following samples were analyzed in this batch: HS25080693-01 HS25080693-02 HS25080693-03 HS25080693-04 HS25080693-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080693

QC BATCH REPORT

Batch ID: R519789 (0) **Instrument: UV-2450** **Method: HEXAVALENT CHROMIUM BY SW7196A**

MBLK Sample ID: **MBLK-R519789** Units: **mg/L** Analysis Date: **15-Aug-2025 08:02**
Client ID: Run ID: **UV-2450_519789** SeqNo: **8988393** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chromium, Hexavalent	U	0.0100								

LCS Sample ID: **LCS-R519789** Units: **mg/L** Analysis Date: **15-Aug-2025 08:02**
Client ID: Run ID: **UV-2450_519789** SeqNo: **8988392** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chromium, Hexavalent	0.261	0.0100	0.25	0	104	80 - 120				

MS Sample ID: **HS25080693-01MS** Units: **mg/L** Analysis Date: **15-Aug-2025 08:02**
Client ID: **001** Run ID: **UV-2450_519789** SeqNo: **8988395** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chromium, Hexavalent	0.246	0.0100	0.25	0.003	97.2	86 - 117				

MSD Sample ID: **HS25080693-01MSD** Units: **mg/L** Analysis Date: **15-Aug-2025 08:02**
Client ID: **001** Run ID: **UV-2450_519789** SeqNo: **8988394** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chromium, Hexavalent	0.253	0.0100	0.25	0.003	100	86 - 117	0.246	2.81	15	

The following samples were analyzed in this batch: HS25080693-01 HS25080693-02 HS25080693-03 HS25080693-04 HS25080693-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080693

QC BATCH REPORT

Batch ID: R519823 (0) **Instrument: Balance1** **Method: TOTAL SUSPENDED SOLIDS BY SM 2540D**

MBLK Sample ID: **WMBLK-08162025** Units: **mg/L** Analysis Date: **16-Aug-2025 09:00**
Client ID: Run ID: **Balance1_519823** SeqNo: **8988990** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Suspended Solids (Residue, Non-Filterable)	U	4.00								

LCS Sample ID: **WLCS-08162025** Units: **mg/L** Analysis Date: **16-Aug-2025 09:00**
Client ID: Run ID: **Balance1_519823** SeqNo: **8988989** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Suspended Solids (Residue, Non-Filterable)	102	4.00	100	0	102	85 - 105				

DUP Sample ID: **HS25080751-03DUP** Units: **mg/L** Analysis Date: **16-Aug-2025 09:00**
Client ID: Run ID: **Balance1_519823** SeqNo: **8988984** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Suspended Solids (Residue, Non-Filterable)	13.6	4.00					13.6	0	10	

DUP Sample ID: **HS25080700-01DUP** Units: **mg/L** Analysis Date: **16-Aug-2025 09:00**
Client ID: Run ID: **Balance1_519823** SeqNo: **8988974** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Suspended Solids (Residue, Non-Filterable)	97	4.00					98	1.03	10	

The following samples were analyzed in this batch: HS25080693-01

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080693

QC BATCH REPORT

Batch ID: R519843 (0) **Instrument:** ICS-Integrion **Method:** ANIONS BY E300.0, REV 2.1, 1993

MBLK Sample ID: **MBLK** Units: **mg/L** Analysis Date: **15-Aug-2025 06:52**
Client ID: Run ID: **ICS-Integrion_519843** SeqNo: **8989392** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	U	0.500								
Fluoride	U	0.100								
Nitrogen, Nitrate (As N)	U	0.100								
Sulfate	U	0.500								

LCS Sample ID: **LCS** Units: **mg/L** Analysis Date: **15-Aug-2025 07:04**
Client ID: Run ID: **ICS-Integrion_519843** SeqNo: **8989393** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	19.6	0.500	20	0	98.0	90 - 110				
Fluoride	4.275	0.100	4	0	107	90 - 110				
Nitrogen, Nitrate (As N)	3.891	0.100	4	0	97.3	90 - 110				
Sulfate	19.83	0.500	20	0	99.2	90 - 110				

MS Sample ID: **HS25080693-01MS** Units: **mg/L** Analysis Date: **15-Aug-2025 09:59**
Client ID: **001** Run ID: **ICS-Integrion_519843** SeqNo: **8989405** PrepDate: DF: **5**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	83.14	2.50	50	33.12	100	80 - 120				
Fluoride	11.55	0.500	10	0.431	111	80 - 120				
Nitrogen, Nitrate (As N)	9.944	0.500	10	0.6455	93.0	80 - 120				
Sulfate	149.5	2.50	50	103.6	91.6	80 - 120				

MSD Sample ID: **HS25080693-01MSD** Units: **mg/L** Analysis Date: **15-Aug-2025 10:05**
Client ID: **001** Run ID: **ICS-Integrion_519843** SeqNo: **8989406** PrepDate: DF: **5**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	83.18	2.50	50	33.12	100	80 - 120	83.14	0.0481	20	
Fluoride	11.29	0.500	10	0.431	109	80 - 120	11.55	2.26	20	
Nitrogen, Nitrate (As N)	9.983	0.500	10	0.6455	93.4	80 - 120	9.944	0.386	20	
Sulfate	149.1	2.50	50	103.6	90.8	80 - 120	149.5	0.267	20	

The following samples were analyzed in this batch: HS25080693-01 HS25080693-02 HS25080693-03 HS25080693-04 HS25080693-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080693

QC BATCH REPORT

Batch ID: R519900 (0) **Instrument:** Balance1 **Method:** TOTAL SUSPENDED SOLIDS BY SM 2540D

MBLK Sample ID: **WMBLK-08182025** Units: **mg/L** Analysis Date: **18-Aug-2025 10:00**
Client ID: Run ID: **Balance1_519900** SeqNo: **8990472** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Suspended Solids (Residue, Non-Filterable)	U	4.00								

LCS Sample ID: **WLCS-08182025** Units: **mg/L** Analysis Date: **18-Aug-2025 10:00**
Client ID: Run ID: **Balance1_519900** SeqNo: **8990471** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Suspended Solids (Residue, Non-Filterable)	95	4.00	100	0	95.0	85 - 105				

DUP Sample ID: **HS25080815-01DUP** Units: **mg/L** Analysis Date: **18-Aug-2025 10:00**
Client ID: Run ID: **Balance1_519900** SeqNo: **8990468** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Suspended Solids (Residue, Non-Filterable)	750	4.00					745	0.669	10	

DUP Sample ID: **HS25080693-04DUP** Units: **mg/L** Analysis Date: **18-Aug-2025 10:00**
Client ID: **004** Run ID: **Balance1_519900** SeqNo: **8990461** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Suspended Solids (Residue, Non-Filterable)	21.2	4.00					20.8	1.9	10	

The following samples were analyzed in this batch: HS25080693-02 HS25080693-03 HS25080693-04 HS25080693-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080693

QC BATCH REPORT

Batch ID: R519925 (0) **Instrument:** WetChem_HS **Method:** CHEMICAL OXYGEN DEMAND BY HACH 8000

MBLK Sample ID: **MBLK-R519925** Units: **mg/L** Analysis Date: **18-Aug-2025 11:30**
Client ID: Run ID: **WetChem_HS_519925** SeqNo: **8991064** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chemical Oxygen Demand	U	15.0								

LCS Sample ID: **LCS-R519925** Units: **mg/L** Analysis Date: **18-Aug-2025 11:30**
Client ID: Run ID: **WetChem_HS_519925** SeqNo: **8991063** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chemical Oxygen Demand	98	15.0	100	0	98.0	85 - 115				

MS Sample ID: **HS25080693-01MS** Units: **mg/L** Analysis Date: **18-Aug-2025 11:30**
Client ID: **001** Run ID: **WetChem_HS_519925** SeqNo: **8991066** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chemical Oxygen Demand	75	15.0	50	27	96.0	80 - 120				

MSD Sample ID: **HS25080693-01MSD** Units: **mg/L** Analysis Date: **18-Aug-2025 11:30**
Client ID: **001** Run ID: **WetChem_HS_519925** SeqNo: **8991065** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chemical Oxygen Demand	75	15.0	50	27	96.0	80 - 120	75	0	20	

The following samples were analyzed in this batch: HS25080693-01 HS25080693-02 HS25080693-03 HS25080693-04 HS25080693-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080693

QC BATCH REPORT

Batch ID: R519944 (0) **Instrument: TOC_04** **Method: TOTAL ORGANIC CARBON - SM5310B**

MBLK Sample ID: **MBLK-08.15.2025** Units: **mg/L** Analysis Date: **15-Aug-2025 13:11**
Client ID: Run ID: **TOC_04_519944** SeqNo: **8991580** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	U	1.00								

MBLK Sample ID: **BLANK-08.15.2025** Units: **mg/L** Analysis Date: **15-Aug-2025 12:49**
Client ID: Run ID: **TOC_04_519944** SeqNo: **8991578** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	U	1.00								

LCS Sample ID: **LCS- 08.15.2025** Units: **mg/L** Analysis Date: **15-Aug-2025 13:24**
Client ID: Run ID: **TOC_04_519944** SeqNo: **8991581** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	10.47	1.00	10	0	105	91 - 109				

LCSD Sample ID: **LCSD- 08.15.2025** Units: **mg/L** Analysis Date: **15-Aug-2025 13:35**
Client ID: Run ID: **TOC_04_519944** SeqNo: **8991582** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	10.75	1.00	10	0	108	91 - 109	10.47	2.64	20	

MS Sample ID: **HS25080693-02MS** Units: **mg/L** Analysis Date: **15-Aug-2025 14:30**
Client ID: **002** Run ID: **TOC_04_519944** SeqNo: **8991586** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	15.58	1.00	10	5.792	97.9	85 - 115				

DUP Sample ID: **HS25080693-01DUP** Units: **mg/L** Analysis Date: **15-Aug-2025 14:07**
Client ID: **001** Run ID: **TOC_04_519944** SeqNo: **8991584** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	5.488	1.00					5.515	0.491	15	

The following samples were analyzed in this batch: HS25080693-01 HS25080693-02 HS25080693-03 HS25080693-04 HS25080693-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080693

QC BATCH REPORT

Batch ID: R520103 (0) **Instrument: Balance1** **Method: TOTAL DISSOLVED SOLIDS BY SM2540C**

MBLK Sample ID: **WMBLK-08202025** Units: **mg/L** Analysis Date: **20-Aug-2025 07:00**
Client ID: Run ID: **Balance1_520103** SeqNo: **8995271** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Total Dissolved Solids (Residue, Filterable)	U	10.0								

LCS Sample ID: **WLCS-08202025** Units: **mg/L** Analysis Date: **20-Aug-2025 07:00**
Client ID: Run ID: **Balance1_520103** SeqNo: **8995270** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Total Dissolved Solids (Residue, Filterable)	998	10.0	1000	0	99.8	85 - 115				

DUP Sample ID: **HS25080932-05DUP** Units: **mg/L** Analysis Date: **20-Aug-2025 07:00**
Client ID: Run ID: **Balance1_520103** SeqNo: **8995263** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Total Dissolved Solids (Residue, Filterable)	15920	10.0					16500	3.58	20	

DUP Sample ID: **HS25080902-01DUP** Units: **mg/L** Analysis Date: **20-Aug-2025 07:00**
Client ID: Run ID: **Balance1_520103** SeqNo: **8995257** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Total Dissolved Solids (Residue, Filterable)	30060	10.0					29800	0.869	20	

The following samples were analyzed in this batch: HS25080693-01 HS25080693-02 HS25080693-03 HS25080693-04 HS25080693-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080693

QC BATCH REPORT

Batch ID: R520394 (0) **Instrument: WetChem_HS** **Method: RESIDUAL CHLORINE BY SM4500CL F**

MBLK Sample ID: **MBLK-R520394** Units: **mg/L** Analysis Date: **25-Aug-2025 13:46**
Client ID: Run ID: **WetChem_HS_520394** SeqNo: **9001457** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chlorine	U	0.10								

LCS Sample ID: **LCS-R520394** Units: **mg/L** Analysis Date: **25-Aug-2025 13:46**
Client ID: Run ID: **WetChem_HS_520394** SeqNo: **9001456** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chlorine	2.5	0.10	2.6	0	96.2	85 - 115				

LCSD Sample ID: **LCSD-R520394** Units: **mg/L** Analysis Date: **25-Aug-2025 13:46**
Client ID: Run ID: **WetChem_HS_520394** SeqNo: **9001455** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chlorine	2.5	0.10	2.6	0	96.2	85 - 115	2.5	0	20	

MS Sample ID: **HS25080559-04MS** Units: **mg/L** Analysis Date: **25-Aug-2025 13:46**
Client ID: Run ID: **WetChem_HS_520394** SeqNo: **9001458** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chlorine	2.6	0.10	2.6	0	100	80 - 120				

The following samples were analyzed in this batch: HS25080693-01 HS25080693-02 HS25080693-03 HS25080693-04 HS25080693-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080693

QC BATCH REPORT

Batch ID: R520579 (0) **Instrument: Balance1** **Method: OIL & GREASE BY E1664A**

MBLK Sample ID: **WMBLK-08272025** Units: **mg/L** Analysis Date: **27-Aug-2025 06:35**
Client ID: Run ID: **Balance1_520579** SeqNo: **9005746** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Oil and Grease	U	2.00								

LCS Sample ID: **LCS-08272025** Units: **mg/L** Analysis Date: **27-Aug-2025 06:35**
Client ID: Run ID: **Balance1_520579** SeqNo: **9005744** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Oil and Grease	43.2	2.00	40	0	108	78 - 114				

LCSD Sample ID: **LCSD-08272025** Units: **mg/L** Analysis Date: **27-Aug-2025 06:35**
Client ID: Run ID: **Balance1_520579** SeqNo: **9005745** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Oil and Grease	44	2.00	40	0	110	78 - 114	43.2	1.83	18	

MS Sample ID: **HS25081214-01MS** Units: **mg/L** Analysis Date: **27-Aug-2025 06:35**
Client ID: Run ID: **Balance1_520579** SeqNo: **9005740** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Oil and Grease	44.7	2.00	40	-0.7843	114	78 - 114				

The following samples were analyzed in this batch: HS25080693-01 HS25080693-02

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: HS25080693

QC BATCH REPORT

Batch ID: R520700 (0) **Instrument: Balance1** **Method: OIL & GREASE BY E1664A**

MBLK Sample ID: **WMBLK-08282025** Units: **mg/L** Analysis Date: **28-Aug-2025 06:35**
Client ID: Run ID: **Balance1_520700** SeqNo: **9008388** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Oil and Grease	U	2.00								

LCS Sample ID: **LCS-08282025** Units: **mg/L** Analysis Date: **28-Aug-2025 06:35**
Client ID: Run ID: **Balance1_520700** SeqNo: **9008386** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Oil and Grease	42.8	2.00	40	0	107	78 - 114				

LCSD Sample ID: **LCSD-08282025** Units: **mg/L** Analysis Date: **28-Aug-2025 06:35**
Client ID: Run ID: **Balance1_520700** SeqNo: **9008387** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Oil and Grease	38.4	2.00	40	0	96.0	78 - 114	42.8	10.8	18	

MS Sample ID: **HS25080693-03MS** Units: **mg/L** Analysis Date: **28-Aug-2025 06:35**
Client ID: **003** Run ID: **Balance1_520700** SeqNo: **9008368** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Oil and Grease	44.2	2.00	40	2.927	103	78 - 114				

The following samples were analyzed in this batch: HS25080693-03 HS25080693-04 HS25080693-05

RIGHT SOLUTIONS | RIGHT PARTNER

Client: LBC Houston/Baton Rouge
Project: NPDES Permit
WorkOrder: **HS25080693**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL/SDL

Acronym	Description
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

Unit Reported	Description
µg/L	Micrograms per Liter
mg/L	Milligrams per Liter
pH Units	

RIGHT SOLUTIONS | RIGHT PARTNER

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arizona	AZ0793	27-May-2026
Arkansas	88-00356_2024	17-Mar-2026
California	2919 - 2025	30-Apr-2026
Dept of Defense	L24-239	30-Apr-2026
Dept of Defense	L24-240	30-Apr-2026
Florida	E87611-2025	30-Jun-2026
Illinois	200032 - 2025	31-Jul-2026
Kansas	KS-C25-00168	31-Jul-2026
Kentucky	123043-2025	30-Apr-2026
Louisiana	03087-2025	30-Jun-2026
Maine	2024017	23-Jun-2026
Michigan	9971-2025	30-Apr-2026
Minnesota	2856348	31-Dec-2025
Missouri	136	30-Sep-2026
Nebraska	NE-OS-25-13 - 2025	30-Apr-2026
Nevada	NV-C25-00124 - 2025	31-Jul-2026
New Hampshire	209425	24-Apr-2026
New Jersey	TX008-2025	30-Jun-2026
New York	11707 - 2025	01-Apr-2026
North Carolina	624 - 2024	31-Dec-2025
North Dakota	R-193 2023-2024	30-Sep-2025
Oklahoma	2023-140	31-Aug-2025
Oregon	TX200002-013	15-May-2026
Pennsylvania	019	01-Jul-2026
Tennessee	TN	30-Apr-2026
Texas	T104704231 TX-C24-00130	30-Apr-2026

RIGHT SOLUTIONS | RIGHT PARTNER

Sample Receipt Checklist

Work Order ID: HS25080693 **Date/Time Received:** **14-Aug-2025 14:44**

Client Name: LBC **Received by:** **Chelsea Rogers**

Completed By:	/S/ Kaycee Rogers	14-Aug-2025 16:42	**Reviewed by:**	/S/ Beverly Mustafa	15-Aug-2025 09:37
	eSignature	Date/Time		eSignature	Date/Time

Matrices: **W** Carrier name: **Client**

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
VOA/TX1005/TX1006 Solids in hermetically sealed vials?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	1 Page(s)
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	COC IDs:345070
Samplers name present on COC?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☐	No ☑	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	

Temperature(s)/Thermometer(s):	4.0UC/C, 1.4UC/C, 2.0UC/C, 0.4UC/C, 3.2UC/C	IR 37
Cooler(s)/Kit(s):	52534, 54054, 52943, 54153, 54136	
Date/Time sample(s) sent to storage:	08/14/2025 1642	

Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐
pH adjusted?	Yes ☐	No ☑	N/A ☐
pH adjusted by:			

Login Notes: Qty differs, received 21 samples not 22. Chain of Custody states 2 Fecal, received only 1

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

Corrective Action:

RIGHT SOLUTIONS | RIGHT PARTNER

Cincinnati, OH +1 513 733 5336
Everett, WA +1 425 356 2600
Fort Collins, CO +1 970 490 1511
Holland, MI +1 616 399 6070

Chain of Custody Form

Page ____ of ____

COC ID: 345070

HS25080693

LBC Houston/Baton Rouge

NPDES Permit

ALS Project Manager:

Customer Information		Project Information	
Purchase Order		Project Name	NPDES Permit
Work Order		Project Number	
Company Name	LBC Houston/Baton Rouge	Bill To Company	LBC Houston
Send Report To	Bobby Panepinto	Invoice Attn	Accounts Payable
Address	11666 Port Rd.	Address	2925 Bay Area Boulevard Suite 200
City/State/Zip	Seabrook	City/State/Zip	Houston TX 77058
Phone	(281) 291-3402	Phone	(281) 291-3498
Fax		Fax	(281) 605-5246
e-Mail Address	b-panepinto@lbctt.com	e-Mail Address	payables@lbctt.com

A	VOC 624	15
B	SVOC 625,PCB 608	20
C	Metals 200.8, HG_WW	5
D	Ammonia, TKN	5
E	Anions Cl,F,SO4,NO3,pH,TDS,TSS,Cr Hex,Cr Tri	15
F	Cyanide, Total	5
G	BOD,CBOD, Diss Oygen, Rec Cl	15
H	Phos, TOC, COD,	10
I	O&G	10
J	SUB_Fecal Coliform, Enterococci (Envirodyne)	10

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	001	8/14/25	1200	W	AS PRES	22	3	4	1	1	3	1	3	2	2	2	
2	002	8/14/25	0940	W	AS PRES	22	3	4	1	1	3	1	3	2	2	2	
3	003	8/14/25	1040	W	AS PRES	22	3	4	1	1	3	1	3	2	2	2	
4	004	8/14/25	0845	W	AS PRES	22	3	4	1	1	3	1	3	2	2	2	
5	005	8/14/25	1130	W	AS PRES	22	3	4	1	1	3	1	3	2	2	2	
6																	
7																	
8																	
9																	
10																	

Sampler(s) Please Print & Sign: Riley Davis

Shipment Method:

Required Turnaround Time: (Check Box) [X] STD 10 Wk Days [ ] 5 Wk Days [ ] 2 Wk Days [ ] 24 Hour [ ] Other

Results Due Date:

Relinquished by:	Date: 8.14.25	Time: 2:44	Received by:	
Relinquished by:	Date:	Time:	Received by (Laboratory): 08/14/25 1444	
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

Notes:

Cooler ID	Cooler Temp.
IR37	CF0-0
52534	4.0
54054	1.4
52943	2.0
54153	0.4
54136	3.2

QC Package: (Check One Box Below)

[X] Level II Std QC [ ] TRRP Checklist
[ ] Level III Std QC/Raw Data [ ] TRRP Level IV
[ ] Level IV SW846/CLP
[ ] Other

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note:
1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

Copyright 2011 by ALS Environmental.

RIGHT SOLUTIONS | RIGHT PARTNER

eurofins | Built Environment Testing

Report for:

Alexis Dorenbosch, Andrew Neir
ALS Group USA, Houston
10450 Stancliff Rd., Suite 210
Houston, TX 77099

Regarding: Eurofins Built Environment Testing Central, LLC
Project: HS25080693
EML ID: 4187832

Approved by:

Business Unit Manager
Scott Ward

Dates of Analysis:
QuantiTray-sewage screen w/ Fecal coliform: 08-19-2025

Service SOPs: QuantiTray-sewage screen w/ Fecal coliform (EM-BT-S-1055)

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the samples as received and tested.

Eurofins Built Environment Testing Central, LLC ("the Company"), a member of the Eurofins Built Environment Testing group of companies, shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Eurofins Built Environment Testing Central, LLC
3113 Red Bluff Road, Pasadena, TX 77503
713-290-0223 www.eurofinsus.com/Built

Client: ALS Group USA, Houston
C/O: Alexis Dorenbosch, Andrew Neir
Re: HS25080693

Date of Sampling: 08-14-2025
Date of Receipt: 08-14-2025
Date of Report: 08-22-2025

MPN Quantitray

Location:	HS25080693-01	HS25080693-02	HS25080693-03	HS25080693-04	HS25080693-05
Comments (see below)	A	A	A	A	A
Lab ID-Version‡:	20926816-1	20926817-1	20926818-1	20926819-1	20926820-1
Date Prepared	08/14/25	08/14/25	08/14/25	08/14/25	08/14/25
Date Analyzed	08/19/25	08/19/25	08/19/25	08/19/25	08/19/25
	MPN/100 ml	MPN/100 ml	MPN/100 ml	MPN/100 ml	MPN/100 ml
E. coli	330	378.4	1119.9	>2419.6	31.7
Enterococcus	> 4,840	255	3,470	460	2,830
Fecal coliform	>2419.6	>2419.6	>2419.6	>2419.6	>2419.6
Total coliform	1011.2	1011.2	>2419.6	>2419.6	372.4

Comments: A) Sample Prep Date and Time: 08/14/2025 17:30 and Analysis Date and Time: 08/15/2025 17:40 for E. *coli* method: SM chapter 9223B., 22nd edition (2004) Sample Prep Date and Time: 08/14/2025 17:30 and Analysis Date and Time: 08/15/2025 17:40 for *Enterococcus* method: SM chapter 9230D., 22nd edition (2007)

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

RIGHT SOLUTIONS | RIGHT PARTNER

Eurofins Built Environment Testing Central, LLC
3113 Red Bluff Road, Pasadena, TX 77503
713-290-0223 www.eurofinsus.com/Built

Client: ALS Group USA, Houston
C/O: Alexis Dorenbosch, Andrew Neir
Re: HS25080693

Date of Sampling: 08-14-2025
Date of Receipt: 08-14-2025
Date of Report: 08-22-2025

MPN Quantitray

PROJECT ANALYST AND SIGNATORY REPORT

Project Analyst



Analyst: Jovan Brown

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. The Company reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

RIGHT SOLUTIONS | RIGHT PARTNER

ALLIANT ENVIRONMENTAL, LLC

September 8, 2025

Executive Director
Applications Review and Processing Team
MC-148
Texas Commission on Environmental Quality
12100 Park 35 Circle
Austin, Texas 78753

Re: LBC Houston, L.P.
Permit Major Amendment/Renewal Application
TPDES Permit WQ0002110000
Customer Number: CN601179849
Regulated Entity Number: RN101041598

To Whom It May Concern:

Attached please find the LBC Houston, L.P. (LBC) application for a Renewal with Major Amendment to the existing TPDES Permit No. WQ0002110000. This application is being submitted by Alliant Environmental on behalf of LBC Houston, L.P. The following amendments are being requested:

1. Move Outfall 001 approximately 20-50 feet;
2. Add new wastewater streams – the reject water from a Reverse Osmosis (RO) system and storm water associated with construction activities;
3. Remove the zinc limit from Outfall 002 – LBC has made changes to the facility processes and are not using products that contain zinc and there are overwhelming data documenting that zinc is not present in any significant concentrations in the Outfall 002 discharge. A compliance report documenting the zinc concentrations is attached to the application (Attachment J).

Please note that discharges through each of the outfalls is heavily dependent on storm water flow. Consequently, during the preparation of this application, because there were consistently dry conditions, LBC was only able to collect two sets of samples from each outfall. If more samples are required to review this application, please let LBC know and we will provide additional sample results as they become available.

If you have any questions, please contact Mr. Bobby Panepinto of LBC by phone at (281) 291-3402 or email at b-panepinto@lbctt.com.

Sincerely,
Alliant Environmental, LLC

Robert E. Robinson

Robert E. Robinson, P.E.

Alliant Environmental, LLC
23219 Red Rive Drive
Katy, TX 77449
713.972.5535 : Ph
www.alliantenv.com

Attachments

Attachment A – TCEQ Core Data Form
Attachment B – TCEQ Plan Language Template
Attachment C – TCEQ Public Involvement Plan
Attachment D – USGS Topographic Map
Attachment E – Adjacent Landowners
Attachment F – SPIF Form
Attachment G – Raw Materials List
Attachment H – Facility Map
Attachment I – Flow Diagrams
Attachment J – Zinc Compliance Report
Attachment K – Analytical Reports
Attachment L – Photographs

September 20, 2024

Texas Commission on Environmental Quality
Compliance Monitoring Team (MC-224)
12100 Park 35 Circle
Austin, TX 78753

Re: LBC Houston, L.P.
TPDES Permit No. WQ0002110000
CN601179849/RN101041598
Final Progress Report – Zinc Compliance

Dear Sir or Madam:

In accordance with *Other Requirements* Item 7 of the LBC Houston, L.P. (LBC) Texas Pollutant Discharge Elimination System (TPDES) wastewater permit (TPDES Permit No. WQ0002110000), issued March 8, 2021, this final progress report documents activities conducted during the permit compliance period. Specifically, this report addresses observations and activities during the compliance period for the proposed Outfall 002 zinc limit. Alliant Environmental is submitting this report on behalf of LBC.

This final compliance report is being submitted in response to an email received from Asa Bingham of the TCEQ on September 19, 2024. Previous quarterly compliance reports were prepared and submitted to the TCEQ Compliance Monitoring Team (Austin) and the Region 14 Office (as stipulated in the permit) on:

- 7/15/2021
- 10/15/2021
- 1/15/2022
- 4/15/2022
- 7/14/2022
- 10/15/2022
- 1/15/2023
- 4/13/2023
- 7/13/2023
- 10/13/2023
- 1/15/2024

It was thought that the quarterly compliance report dated January 15, 2024 from LBC to the TCEQ met the final requirements of *Other Requirements* Item 7. Since the permit limit went into effect on March 8, 2024 which was before the next quarterly report due date of April 15, 2024, it was believed that another report was not needed. We apologize if there was any misunderstanding. It is always LBC's goal to comply with all regulatory requirements.

Alliant Environmental, LLC
23219 Red River Rd
Katy, TX 77494
281.717.4392 : Ph
www.alliantenv.com

Background

In analytical data provided by LBC as part of their May 5, 2020 TPDES permit renewal application, one sample resulted in the average total zinc results in Outfall 002 exceeding 85% of the proposed daily-average water quality standard. As a result, the Texas Commission on Environmental Quality (TCEQ) added a zinc limit to LBC's most recent permit for Outfall 002. A compliance period was also added to the permit to allow LBC time to further evaluate the presence of zinc and determine a means to best address this potential new limit.

In the May 5, 2020 wastewater permit renewal application, there was an Outfall 002 sample that had a zinc concentration of 1,050 ug/L. This data point contributed to an average zinc concentration of 290 ug/L in the application. When the TCEQ compared the average zinc data provided in the application to the water quality-based effluent limitation, this average exceeded 209 ug/L, which is the 85% of the calculated 245 ug/L daily average water quality-based effluent limitation. Because the average zinc data presented in the application exceeded the 85% threshold, a zinc limit was added to the permit with a three-year compliance period. It is believed that 1,050 ug/L data point was inconsistent with historical and recent zinc concentrations in Outfall 002 and is likely an anomaly or outlier. Table 1 (provided in Attachment 1) shows historical zinc data that were collected during the two most recent permit renewal/modification applications.

Of the eight sample results for zinc provided in the previous two permit applications, only one, the 1,050 ug/L result in question, was greater than 172 ug/L, which is 70% of the calculated effluent limitation of 245 ug/L. Again, the 1,050 ug/L zinc data point appears to be an outlier, especially when compared to the 158 ug/L value that was the second highest concentration of the eight permit application samples.

Even with the highest concentration of 1,050 ug/L the average concentration of all eight samples from both applications was only 159 ug/L which, again, is below the 172 ug/L threshold (i.e., the 70% of the calculated daily average water quality-based effluent limitation). When considering all eight data points, since the average is below the 70% threshold, zinc should not have been added to the permit.

Further, removing the apparent 1,050 ug/L outlier concentration, the average concentration for the seven samples was only 32.3 ug/L. Thus, with all data considered, both averages (with and without the outlier) of all sample data results from the two applications were significantly below the proposed 520 ug/L daily maximum permit limit and below the 172 ug/L threshold. Therefore, based on consideration of all data in the two applications, it is argued that zinc should not have been added to the permit.

Currently, LBC believes that the one high zinc concentration of 1,050 ug/L in the May 5, 2020 permit renewal application should be considered an outlier and is not representative of the zinc concentrations that have historically and are currently being discharged through Outfall 002.

During the compliance period, LBC performed a statistical analysis on all the data points to test for outliers. The results of this statistical test are provided in this report. In addition, LBC

performed an exhaustive review of potential sources of zinc that could enter the discharge from Outfall 002.

The data conclusively document that the existing system is capable of meeting the zinc permit limits with no modifications required.

Zinc Data Point Statistical Outlier

LBC tested the theory that the 1,050 ug/L zinc data point was a statistical outlier. This datum was compared to zinc data collected through December 23, 2023 from Outfall 002 (a total of 104 data points). The results of the outlier test are provided in Table 2 (Attachment 1). Based on this test, as shown in Table 2, it was concluded that the 1,050 ug/L value was a significant outlier and is not representative of zinc data in Outfall 002 and should not be considered as part of the zinc data set for Outfall 002 when calculating the permit limit.

Zinc Source Identification

When evaluating potential sources of zinc in the area, LBC originally identified two potential sources of zinc from onsite operations. One was the potential presence of zinc in rail car brake pads. It was theorized that dust from the brake pads could collect along the rail line and that during times of significant rain events this dust could be carried to Outfall 002. However, after further investigation, the brake pads were found to not contain zinc in any more than trace amounts and, thus, it is not believed this is a potential source.

The second possible source of zinc was the primer used during painting operations. The primer, which potentially contained zinc, could have been entered into the Outfall 002 discharge. After review of the primer makeup, however, it was confirmed that zinc was not present in the primer.

After a thorough investigation, it was determined there were no known sources of zinc used by any operations onsite.

LBC concludes that there is no current source of zinc that could contribute to the waste stream in any significant manner.

Storm Water Zinc Samples

Since the issuance of the new permit, LBC has collected samples from Outfall 002 and analyzed them for total and dissolved zinc. Samples were also analyzed for total suspended solids. These Outfall 002 sample results through December 23, 2023 are summarized in Table 3 (Attachment 1). A graphical representation of the Outfall 002 zinc data is shown on Figure 1 (Attachment 2).

The average total zinc concentration of 31.71 ug/L (which includes the 1,050 ug/L result) shown in Table 3 continues to demonstrate that the concentrations of zinc in Outfall 002 are significantly below the proposed 520 ug/L daily maximum zinc permit limit in the new permit. This average is also well below 172 ug/L (i.e., the 70% threshold of the calculated daily average water quality-

based effluent limitation of 245 ug/L). If this data were considered during the permit review process, it is believed that zinc would not have been added to the permit.

Conclusions

LBC has concluded their evaluation of potential zinc sources that could impact the Outfall 002 discharge and determined there are no known sources. As discussed, it has been shown that the single 1,050 ug/L concentration of zinc observed in one sample out of 104 total zinc samples collected to date is a clear anomalous outlier, possibly due to laboratory or sampling error or a one-time incident not expected to be repeated. In addition, after reviewing the onsite processes, there is not a known source of zinc that would contribute discharge concentrations approaching the proposed permit limit. LBC contends that zinc should not have been added to the permit and is planning to request a permit modification to remove the constituent.

The analytical data conclusively demonstrates that the existing wastewater conditions and quality being discharged through Outfall 002 has achieved compliance with the final zinc permit limits with no additions or other modifications being necessary.

If you have any questions or comments to this report, please do not hesitate to contact Mr. Bobby Panepinto of LBC Houston at (281) 291-3402 or at b-panepinto@lbctt.com.

Sincerely,

ALLIANT ENVIRONMENTAL, LLC

Robert E. Robinson

Robert E. Robinson, P.E.

cc: TCEQ, Region 14 Office
Bobby Panepinto, LBC Houston, LP

Attachment 1
Data Tables

TABLE 1
Zinc Analyses from Historical Permit Applications
LBC Houston, L.P.

Application Date	Total Zinc (ug/L)			
	Sample 1	**Sample 2**	**Sample 3**	**Sample 4**
May 5, 2020 (Renewal)	9.90	1050	9.79	90.3
July 31, 2019 (Major Modification)	25.1	55.1	3.77	32

TABLE 2
Zinc Data Point Statistical Outlier
LBC Houston, L.P.

Date	Total ug/l
4/27/2016	25.1
5/4/2016	55.1
5/11/2016	3.77
5/18/2016	32
3/24/2020	9.9
4/10/2020	1050
4/22/2020	9.79
4/29/2020	90.3
4/30/2021	30.9
5/21/2021	7.64
5/23/2021	5.18
6/6/2021	8.2
7/4/2021	6.3
7/20/2021	48.6
8/6/2021	10.2
8/16/2021	6.32
9/3/2021	7.07
9/10/2021	7.93
9/28/2021	8.72
10/13/2021	6.21
10/26/2021	13.8
11/4/2021	12.7
11/11/2021	3.28
11/22/2021	27.5
2/7/2021	17.9
12/19/2021	7.4
1/7/2022	29.2
1/12/2022	7.78
1/19/2022	158
1/24/2022	7.32
1/30/2022	4.28
2/15/2022	17.4
2/27/2022	14.6
4/12/2022	9.5
4/18/2022	18.3
4/25/2022	13.2
5/1/2022	39.8

Data Point	Date	Total ug/l
1	7/26/2022	2.92
2	5/16/2022	3.1
3	5/9/2022	3.19
4	11/11/2021	3.28
5	7/4/2022	3.53
6	5/11/2016	3.77
7	7/9/2023	4.1
8	7/11/2022	4.14
9	1/15/2023	4.21
10	1/30/2022	4.28
11	8/14/2022	4.55
12	2/13/2023	4.69
13	5/31/2022	4.7
14	6/6/2023	4.92
15	8/11/2022	5.01
16	2/6/2023	5.15
17	5/23/2021	5.18
18	7/24/2023	5.26
19	7/16/2023	6.18
20	10/13/2021	6.21
21	7/4/2021	6.3
22	8/16/2021	6.32
23	9/25/2023	6.85
24	12/25/2022	6.95
25	9/3/2021	7.07
26	1/24/2022	7.32
27	12/19/2021	7.4
28	6/19/2023	7.54
29	1/2/2023	7.62
30	5/21/2021	7.64
31	9/10/2023	7.76
32	1/12/2022	7.78
33	9/10/2021	7.93
34	12/23/2023	7.96
35	11/26/2023	8.08
36	6/6/2021	8.2
37	2/26/2023	8.26

First Test - Quantitative Assessment

	Formula	Location	Value
Median =	Med = 0.5*(N)	52	12.40
Q1 =	Q1 = 1/4*(N)	26	7.32
IQR =	Q2 = Q3 - Q1	52	23.58
Q3 =	Q3 = 3/4*(N)	78	30.90

Inner Fences	Formula	Value
Low Range	LR = Q1-1.5*IQR	-28.05
High Range	UR = Q3+1.5*IQR	66.27

Outer Fences	Formula	Value
Low Range	LR = Q1-3.0*IQR	-63.42
High Range	UR = Q3+3.0*IQR	101.64

Since, 1,050 >> 101.64, then 1,050 is a major outlier

Second Test - Qualitative Assessment

u = Sum with 1050/N	31.71
u = Sum without 1050/N	21.61

Since, 31.71 is 1.47 times greater than 21.61, then 1,050 should be omitted

5/9/2022	3.19		38	9/28/2021	8.72
5/16/2022	3.1		39	6/10/2023	8.94
5/22/2022	78.2		40	6/6/2022	9.22
5/31/2022	4.7		41	1/9/2023	9.26
6/6/2022	9.22		42	2/19/2023	9.3
7/4/2022	3.53		43	10/22/2023	9.49
7/11/2022	4.14		44	4/12/2022	9.5
7/18/2022	13.3		45	4/22/2020	9.79
7/26/2022	2.92		46	3/24/2020	9.9
8/1/2022	48.1		47	8/6/2021	10.2
8/11/2022	5.01		48	12/11/2023	11.1
8/14/2022	4.55		49	8/29/2022	11.4
8/29/2022	11.4		50	1/30/2023	11.7
10/14/2022	35.9		51	9/20/2023	12.1
10/25/2022	33.5		52	11/5/2023	12.4
11/1/2022	30.5		53	11/4/2021	12.7
11/7/2022	63.9		54	4/25/2022	13.2
11/14/2022	29.7		55	7/18/2022	13.3
11/19/2022	48.6		56	10/26/2021	13.8
11/27/2022	30.9		57	5/29/2023	14.5
12/5/2022	57.1		58	2/27/2022	14.6
12/11/2022	56.9		59	5/14/2023	15.3
12/19/2022	48.8		60	6/26/2023	15.3
12/25/2022	6.95		61	3/20/2023	16.6
1/2/2023	7.62		62	12/18/2023	17.1
1/9/2023	9.26		63	2/15/2022	17.4
1/15/2023	4.21		64	2/7/2021	17.9
1/23/2023	39		65	4/18/2022	18.3
1/30/2023	11.7		66	4/3/2023	18.8
2/6/2023	5.15		67	4/10/2023	19
2/13/2023	4.69		68	10/1/2023	21.4
2/19/2023	9.3		69	4/24/2023	21.9
2/26/2023	8.26		70	5/21/2023	23.7
3/6/2023	41.6		71	4/27/2016	25.1
3/13/2023	38.4		72	4/30/2023	26.2
3/20/2023	16.6		73	11/22/2021	27.5
3/26/2023	55.2		74	1/7/2022	29.2
4/3/2023	18.8		75	12/3/2023	29.6
4/10/2023	19		76	11/14/2022	29.7
4/17/2023	96		77	11/1/2022	30.5
4/24/2023	21.9		78	4/30/2021	30.9
4/30/2023	26.2		79	11/27/2022	30.9
5/14/2023	15.3		80	5/18/2016	32

5/21/2023	23.7
5/29/2023	14.5
6/6/2023	4.92
6/10/2023	8.94
6/19/2023	7.54
6/26/2023	15.3
7/7/2023	40.3
7/9/2023	4.1
7/16/2023	6.18
7/24/2023	5.26
9/4/2023	33.3
9/10/2023	7.76
9/20/2023	12.1
9/25/2023	6.85
10/1/2023	21.4
10/8/2023	41.5
10/22/2023	9.49
11/5/2023	12.4
11/12/2023	35
11/26/2023	8.08
12/3/2023	29.6
12/11/2023	11.1
12/18/2023	17.1
12/23/2023	7.96
	31.71

81	9/4/2023	33.3
82	10/25/2022	33.5
83	11/12/2023	35
84	10/14/2022	35.9
85	3/13/2023	38.4
86	1/23/2023	39
87	5/1/2022	39.8
88	7/7/2023	40.3
89	10/8/2023	41.5
90	3/6/2023	41.6
91	8/1/2022	48.1
92	7/20/2021	48.6
93	11/19/2022	48.6
94	12/19/2022	48.8
95	5/4/2016	55.1
96	3/26/2023	55.2
97	12/11/2022	56.9
98	12/5/2022	57.1
99	11/7/2022	63.9
100	5/22/2022	78.2
101	4/29/2020	90.3
102	4/17/2023	96
103	1/19/2022	158
104	4/10/2020	1050
	N =	**104**
	Sum w/ 1050	**3297.87**
	Sum w/o 1050	**2247.87**

TABLE 3

Zinc Analyses

LBC Houston, L.P.

Sample Date	Total Zinc (ug/L)	Dissolved Zinc (ug/L)	Dissolved Fraction (Cd/Ct)	TSS (mg/L)
4/27/2016	25.1	NS	N/A	NS
5/4/2016	55.1	NS	N/A	NS
5/11/2016	3.77	NS	N/A	NS
5/18/2016	32	NS	N/A	NS
3/24/2020	9.9	NS	N/A	NS
4/10/2020	1050	NS	N/A	NS
4/22/2020	9.79	NS	N/A	NS
4/29/2020	90.3	NS	N/A	NS
4/30/2021	30.9	NS	N/A	NS
5/21/2021	7.64	NS	N/A	NS
5/23/2021	5.18	NS	N/A	NS
6/6/2021	8.2	NS	N/A	NS
7/4/2021	6.3	1.17	0.186	9.68
7/20/2021	48.6	1.36	0.028	227
8/6/2021	10.2	1.7	0.167	92.8
8/16/2021	6.32	0.5	0.079	95.1
9/3/2021	7.07	2.31	0.327	4.2
9/10/2021	7.93	0.5	0.063	145
9/28/2021	8.72	3.15	0.361	44.6
10/13/2021	6.21	0.5	0.08	79.4
10/26/2021	13.8	0.5	0.04	131
11/4/2021	12.7	1.2	0.09	19.2
11/11/2021	3.28	1.84	0.561	114
11/22/2021	27.5	8.61	0.313	16.5
2/7/2021	17.9	1.46	0.082	143
12/19/2021	7.4	2.94	0.397	14.2
1/7/2022	29.2	3.75	0.128	385
1/12/2022	7.78	2.85	0.366	13.5
1/19/2022	158	0.5	0.003	697
1/24/2022	7.32	2.4	0.328	165
1/30/2022	4.28	5.02	1.173	6.5
2/15/2022	17.4	3.44	0.198	17.5
2/27/2022	14.6	7.73	0.529	6.76
4/12/2022	9.5	5.38	0.566	37.2
4/18/2022	18.3	1.92	0.105	38.8

TABLE 3 (cont'd)

Zinc Analyses

LBC Houston, L.P.

Sample Date	Total Zinc (ug/L)	Dissolved Zinc (ug/L)	Dissolved Fraction (Cd/Ct)	TSS (mg/L)
4/25/2022	13.2	8.15	0.617	4.76
5/1/2022	39.8	1.73	0.0435	143
5/9/2022	3.19	0	0.157	2.53
5/16/2022	3.1	2.13	0.687	7.47
5/22/2022	78.2	6.67	0.085	7.6
5/31/2022	4.7	1.8	0.383	4.07
6/6/2022	9.22	2.07	0.225	13.2
7/4/2022	3.53	1.31	0.371	8.12
7/11/2022	4.14	2.49	0.601	7.31
7/18/2022	13.3	5.24	0.394	6.1
7/26/2022	2.92	1.9	0.651	7.89
8/1/2022	48.1	2.04	0.042	33.8
8/11/2022	5.01	1.57	0.313	7.89
8/14/2022	4.55	1.26	0.277	14.3
8/29/2022	11.4	3.08	0.27	23.5
10/14/2022	35.9	5.87	0.164	151
10/25/2022	33.5	1.68	0.050	109
11/1/2022	30.5	NS	N/A	39.2
11/7/2022	63.9	NS	N/A	3.33
11/14/2022	29.7	7.18	0.242	16
11/19/2022	48.6	NS	N/A	25.9
11/27/2022	30.9	NS	N/A	13.5
12/5/2022	57.1	NS	N/A	6.89
12/11/2022	56.9	NS	N/A	23.6
12/19/2022	48.8	NS	N/A	21.5
12/25/2022	6.95	NS	N/A	5.54
1/2/2023	7.62	NS	N/A	3.26
1/9/2023	9.26	NS	N/A	11.6
1/15/2023	4.21	NS	N/A	3
1/23/2023	39	NS	N/A	14.7
1/30/2023	11.7	NS	N/A	16.5
2/6/2023	5.15	NS	N/A	6.56
2/13/2023	4.69	4.41	0.940	4.63
2/19/2023	9.3	5.33	0.573	6.95
2/26/2023	8.26	4.11	0.498	10

TABLE 3 (cont'd)

Zinc Analyses

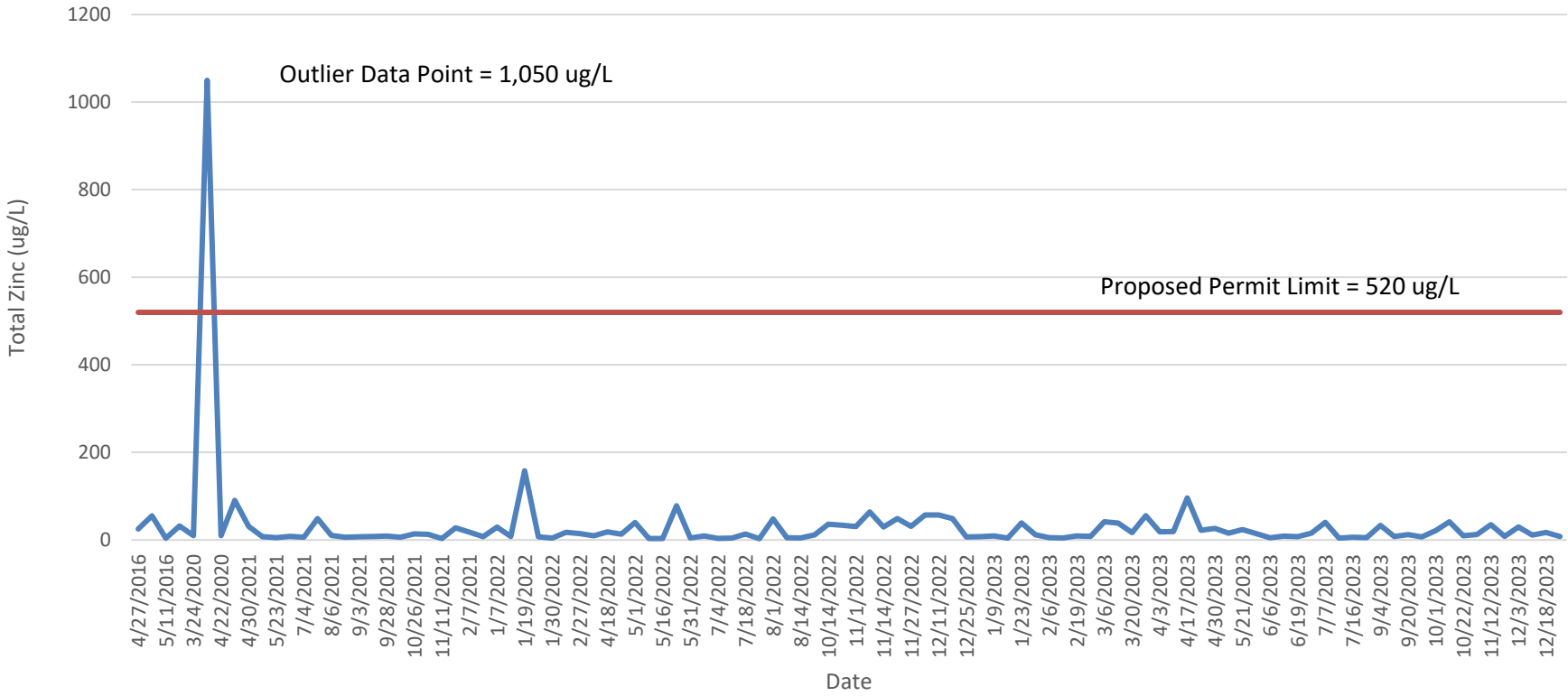
LBC Houston, L.P.

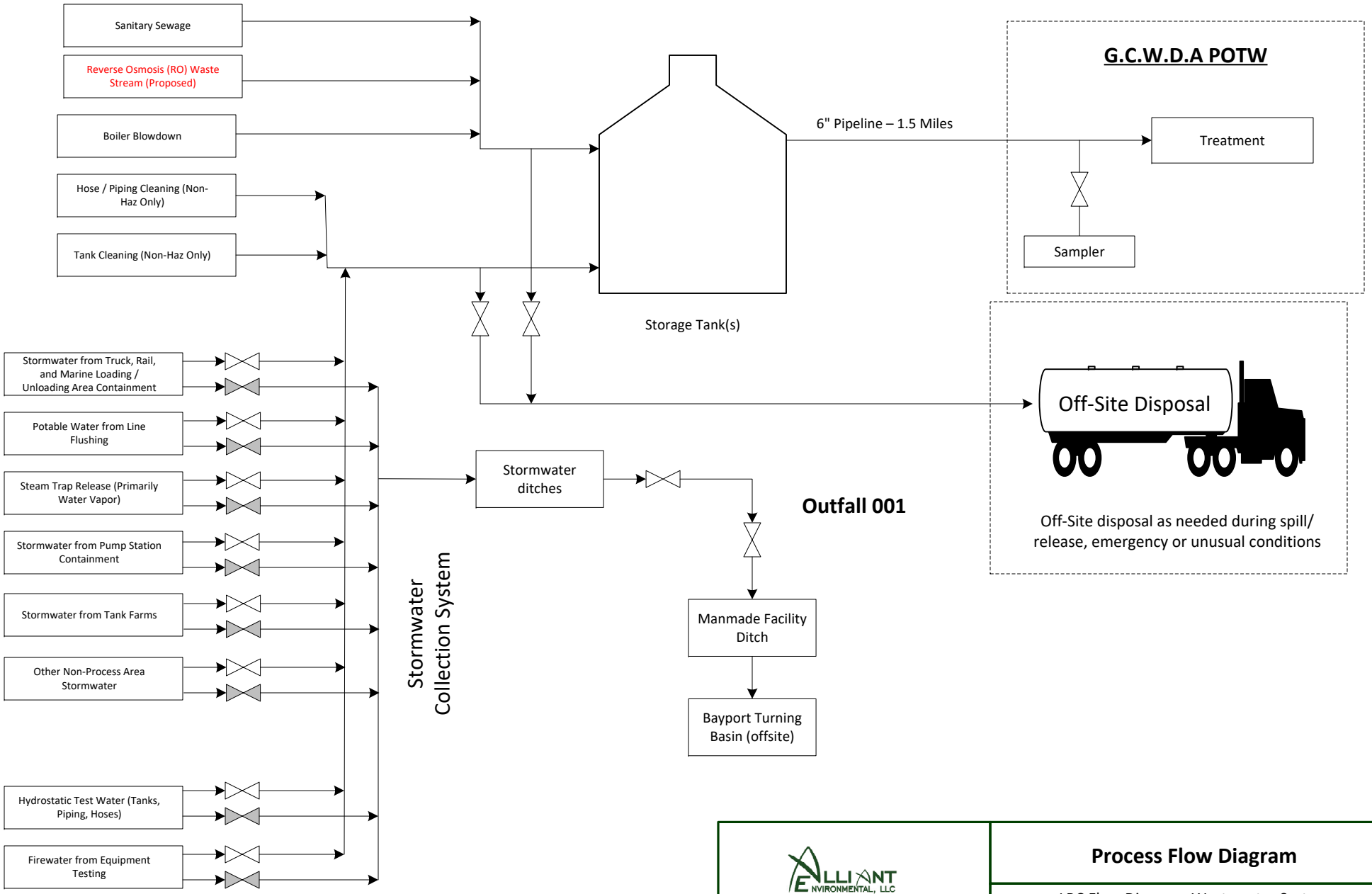
Sample Date	Total Zinc (ug/L)	Dissolved Zinc (ug/L)	Dissolved Fraction (Cd/Ct)	TSS (mg/L)
3/6/2023	41.6	33.5	0.805	29.4
3/13/2023	38.4	24	0.625	12.2
3/20/2023	16.6	7.22	0.435	12.7
3/26/2023	55.2	32.8	0.594	12.5
4/3/2023	18.8	6.8	0.362	24.8
4/10/2023	19	9.7	0.511	31.3
4/17/2023	96	74.5	0.776	11.2
4/24/2023	21.9	11.4	0.521	6.9
4/30/2023	26.2	2.04	0.078	18.3
5/14/2023	15.3	4.64	0.303	18.3
5/21/2023	23.7	15.7	0.662	4.67
5/29/2023	14.5	3.37	0.232	29.7
6/9/2023	4.92	NS	N/A	7.68
6/10/2023	8.94	3.53	0.395	6.63
6/19/2023	7.54	3.82	0.507	5.26
6/26/2023	15.3	NS	N/A	43.1
7/7/2023	40.3	2.53	0.063	80.4
7/9/2023	4.1	1.82	0.444	8.95
7/16/2023	6.18	2.24	0.362	4
7/24/2023	5.26	2.62	0.498	25.6
9/4/2023	33.3	2.02	0.061	182
9/10/2023	7.76	5.7	0.735	10.8
9/20/2023	12.1	6.68	0.552	<2.5
9/25/2023	6.85	5.42	0.791	3.58
10/1/2023	21.4	5.84	0.273	2.63
10/8/2023	41.5	3.16	0.076	2.93
10/22/2023	9.49	4.95	0.522	3.14
11/5/2023	12.4	9.58	0.773	2.84
11/12/2023	35	4.45	0.127	24.7
11/26/2023	8.08	5.51	0.682	3
12/3/2023	29.6	2.69	0.091	1060
12/11/2023	11.1	4.69	0.423	15.6
12/18/2023	17.1	13.5	0.789	3.58
12/23/2023	7.96	6.31	0.793	<2.5
Average	**31.7**	**6.0**	**0.376**	**55.5**
Proposed Daily Max Permit Limit	**520**	**N/A**	**N/A**	**N/A**

Notes: TSS – Total Suspended Solids
NS – Not Sampled
N/A – Not Applicable

Attachment 2
Figure

Figure 1
LBC - Zinc Analyses





ELLIANT ENVIRONMENTAL, LLC

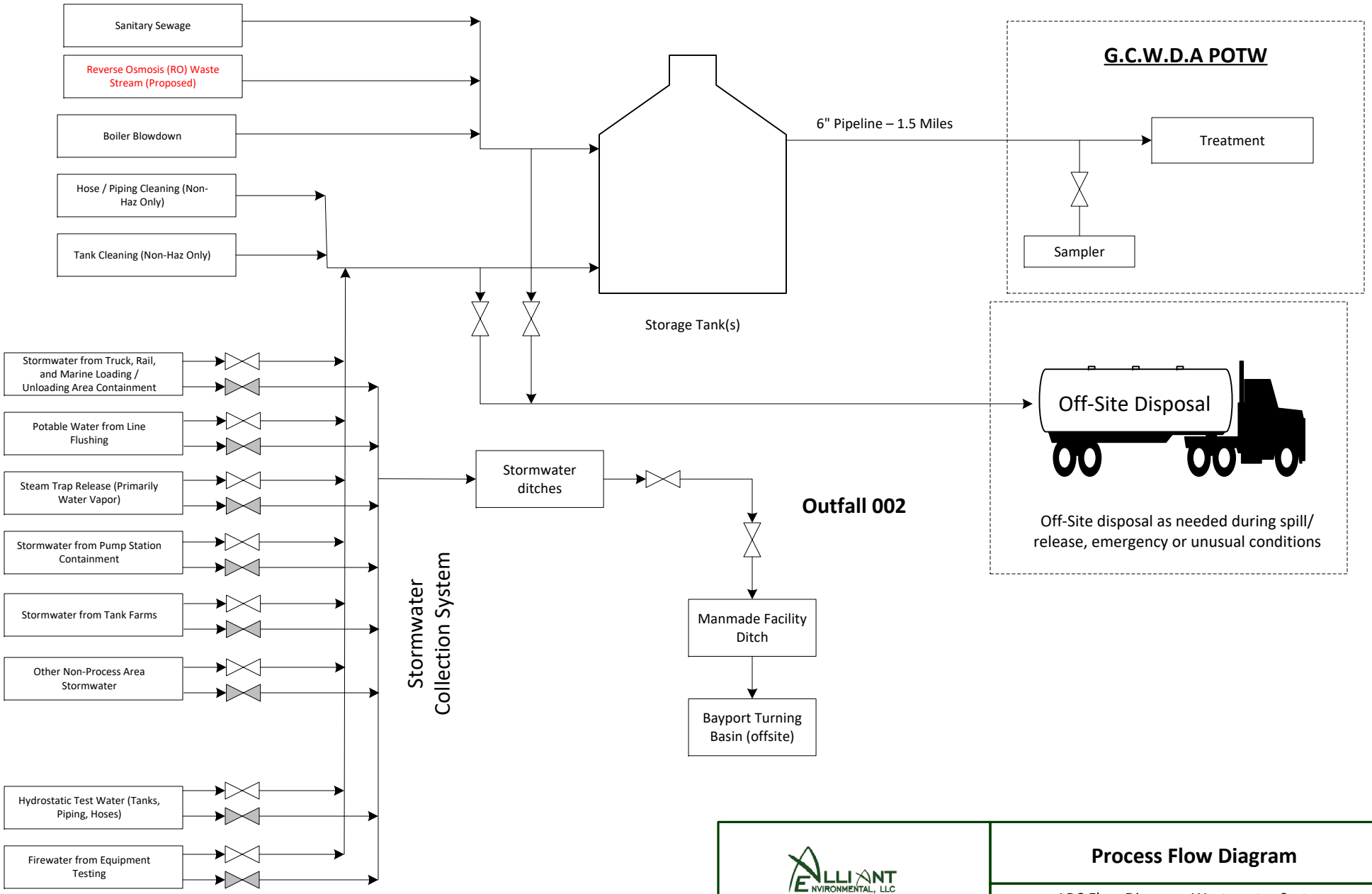
23219 Red River Drive
Katy, TX 77494

Process Flow Diagram

LBC Flow Diagram: Wastewater System
Outfall 001
Wastewater Permit Renewal & Amendment
Harris County, Texas

LBC Houston, LP

Scale:	Drawn by:	Date:	Project No.:	File Name:	Figure:
Drawing Not to Scale	KZ	7/22/2025	025-050	**LBC Flow Diagram 001**	H-1
	Chk'd by:	Date:			



ELLIANT ENVIRONMENTAL, LLC

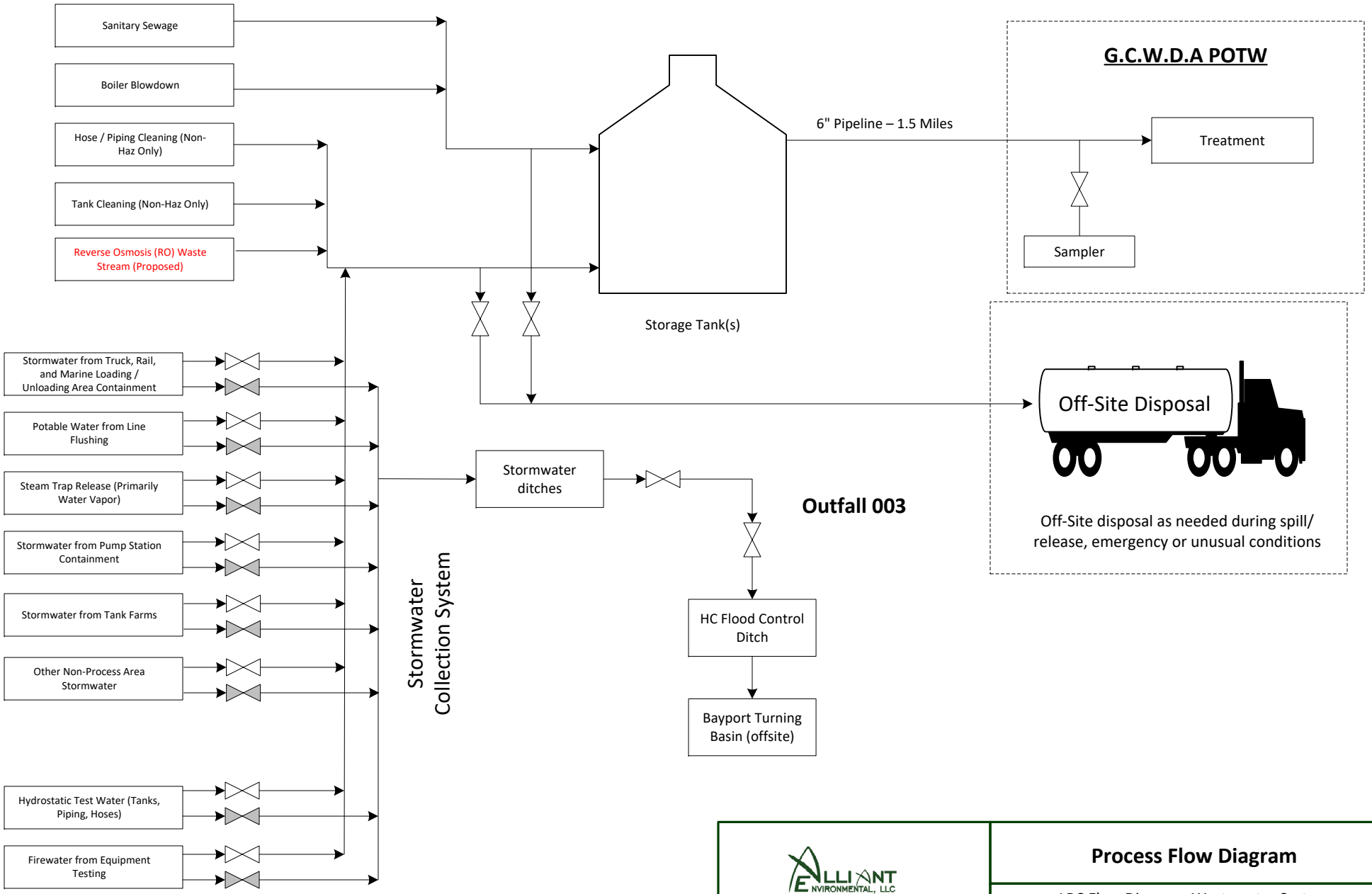
23219 Red River Drive
Katy, TX 77494

Process Flow Diagram

LBC Flow Diagram: Wastewater System
Outfall 002
Wastewater Permit Renewal & Amendment
Harris County, Texas

LBC Houston, LP

Scale:	Drawn by:	Date:	Project No.:	File Name:	Figure:
Drawing Not to Scale	KZ	7/22/2025	025-050	**LBC Flow Diagram 002**	H-2
	Chk'd by:	Date:			



ELLIANT ENVIRONMENTAL, LLC

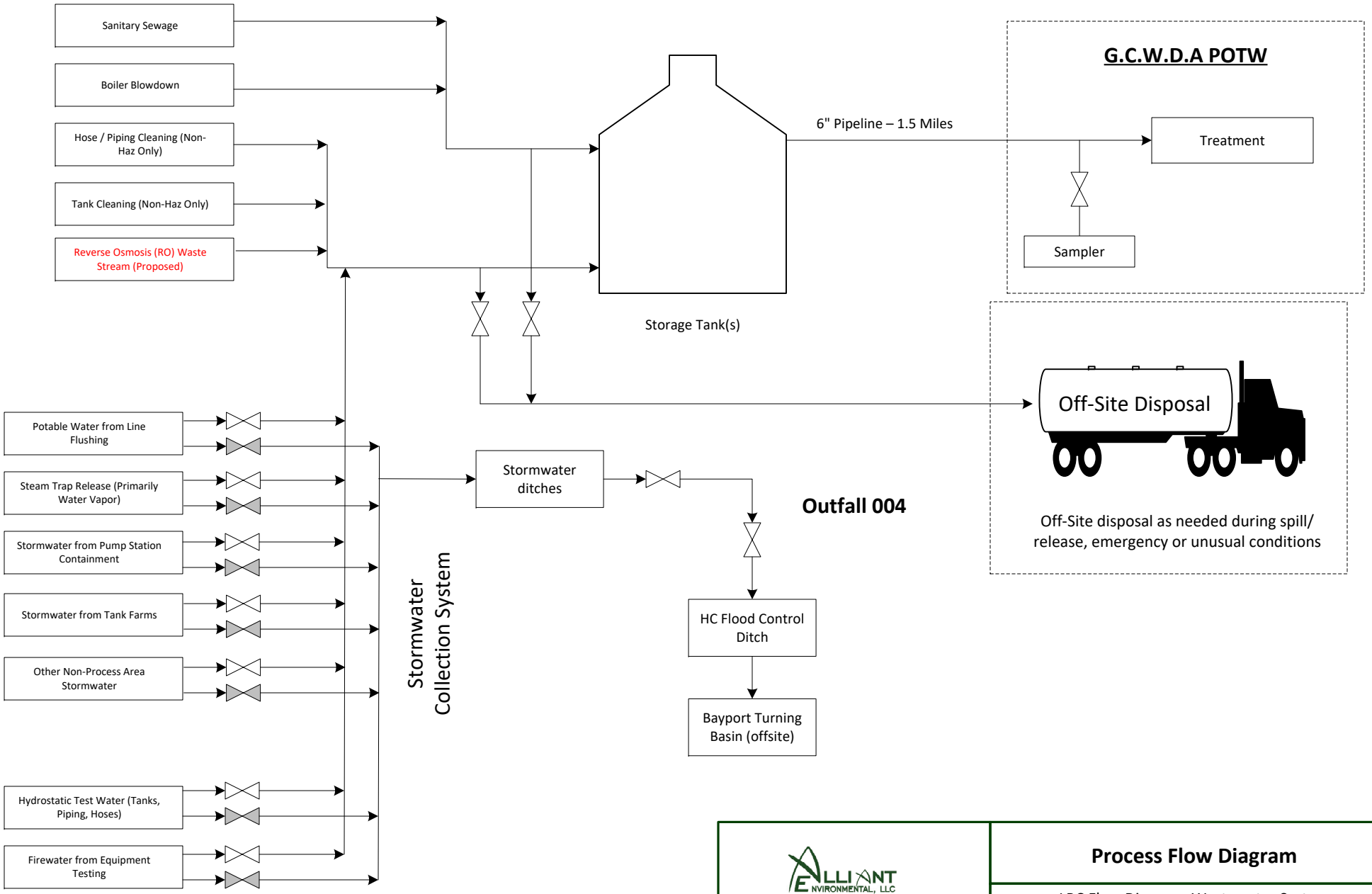
23219 Red River Drive
Katy, TX 77494

Process Flow Diagram

LBC Flow Diagram: Wastewater System
Outfall 003
Wastewater Permit Renewal & Amendment
Harris County, Texas

LBC Houston, LP

Scale:	Drawn by:	Date:	Project No.:	File Name:	Figure:
Drawing Not to Scale	KZ	7/22/2025	025-050	**LBC Flow Diagram 003**	H-3
	Chk'd by:	Date:			



ELLIANT ENVIRONMENTAL, LLC

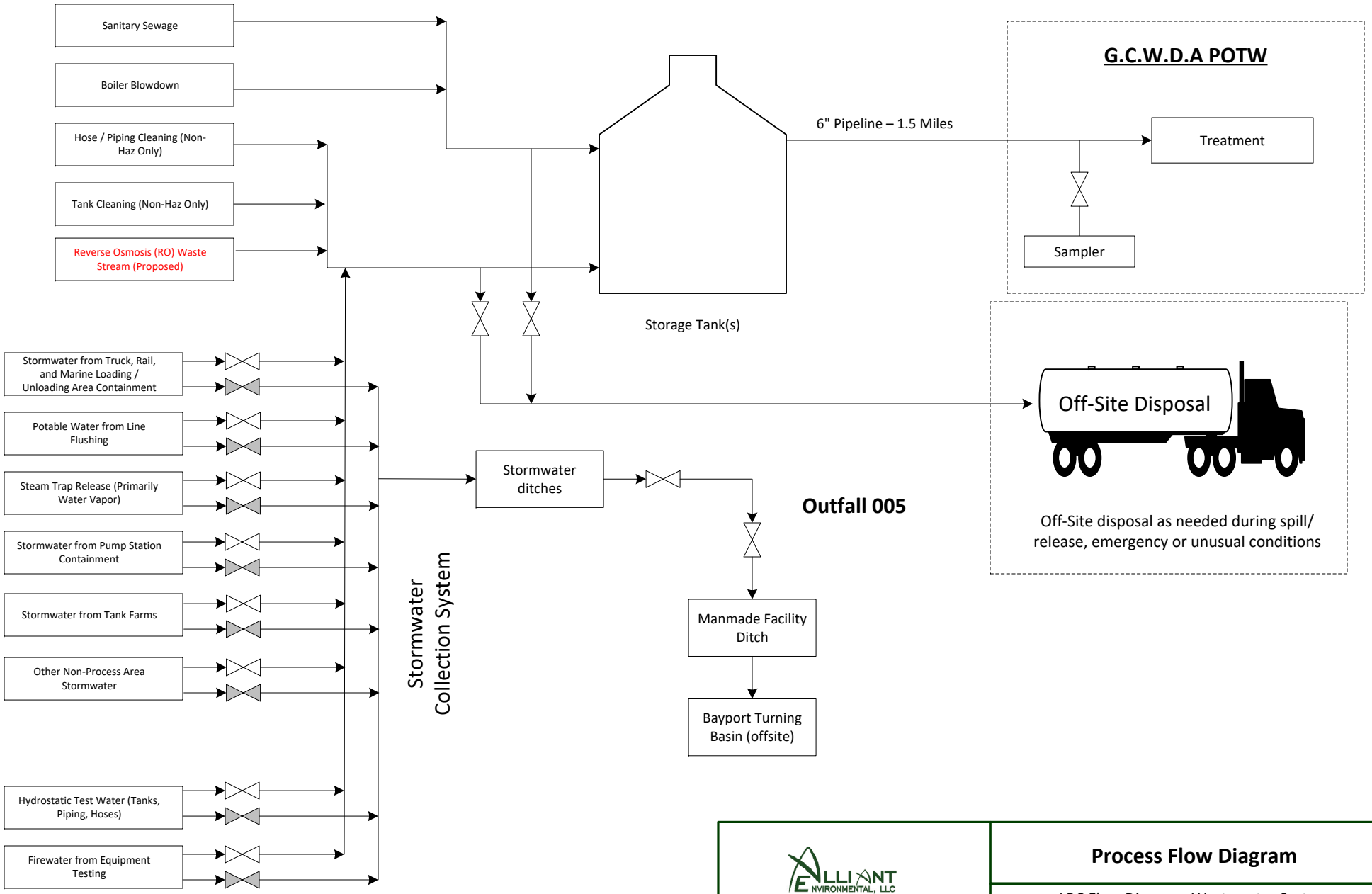
23219 Red River Drive
Katy, TX 77494

Process Flow Diagram

LBC Flow Diagram: Wastewater System
Outfall 004
Wastewater Permit Renewal & Amendment
Harris County, Texas

LBC Houston, LP

Scale:	Drawn by:	Date:	Project No.:	File Name:	Figure:
Drawing Not to Scale	KZ	7/22/2025	025-050	**LBC Flow Diagram 004**	H-4
	Chk'd by:	Date:			



ELLIANT ENVIRONMENTAL, LLC

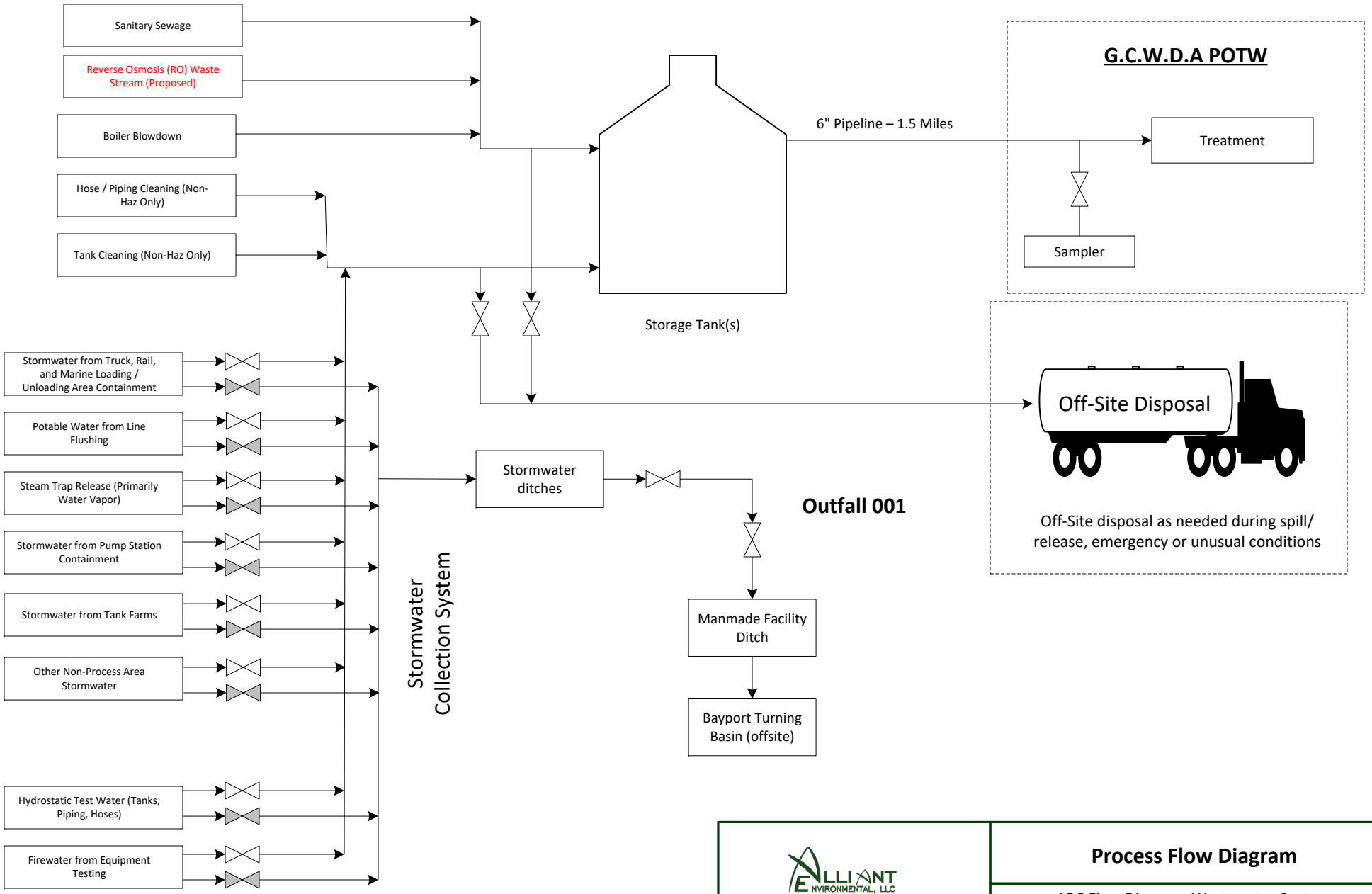
23219 Red River Drive
Katy, TX 77494

Process Flow Diagram

LBC Flow Diagram: Wastewater System
Outfall 005
Wastewater Permit Renewal & Amendment
Harris County, Texas

LBC Houston, LP

Scale:	Drawn by:	Date:	Project No.:	File Name:	Figure:
Drawing Not to Scale	KZ	7/22/2025	025-050	**LBC Flow Diagram 005**	H-5
	Chk'd by:	Date:			



ELLIANT ENVIRONMENTAL, LLC

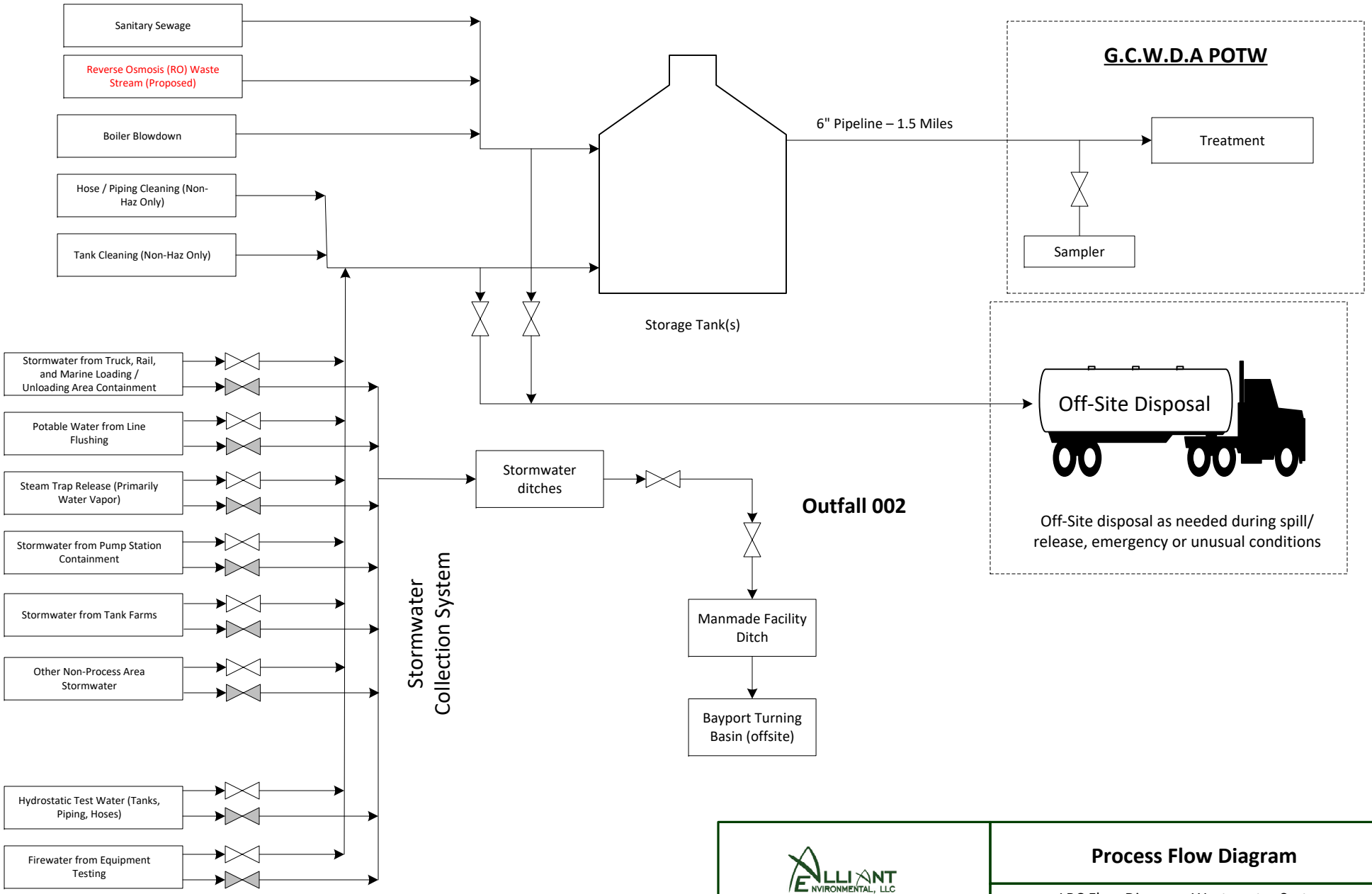
23219 Red River Drive
Katy, TX 77494

Process Flow Diagram

LBC Flow Diagram: Wastewater System
Outfall 001
Wastewater Permit Renewal & Amendment
Harris County, Texas

LBC Houston, LP

Scale:	Drawn by:	Date:	Project No.:	File Name:	Figure:
Drawing Not to Scale	KZ	7/22/2025	025-050	**LBC Flow Diagram 001**	H-1
	Chk'd by:	Date:			



ELLIANT ENVIRONMENTAL, LLC

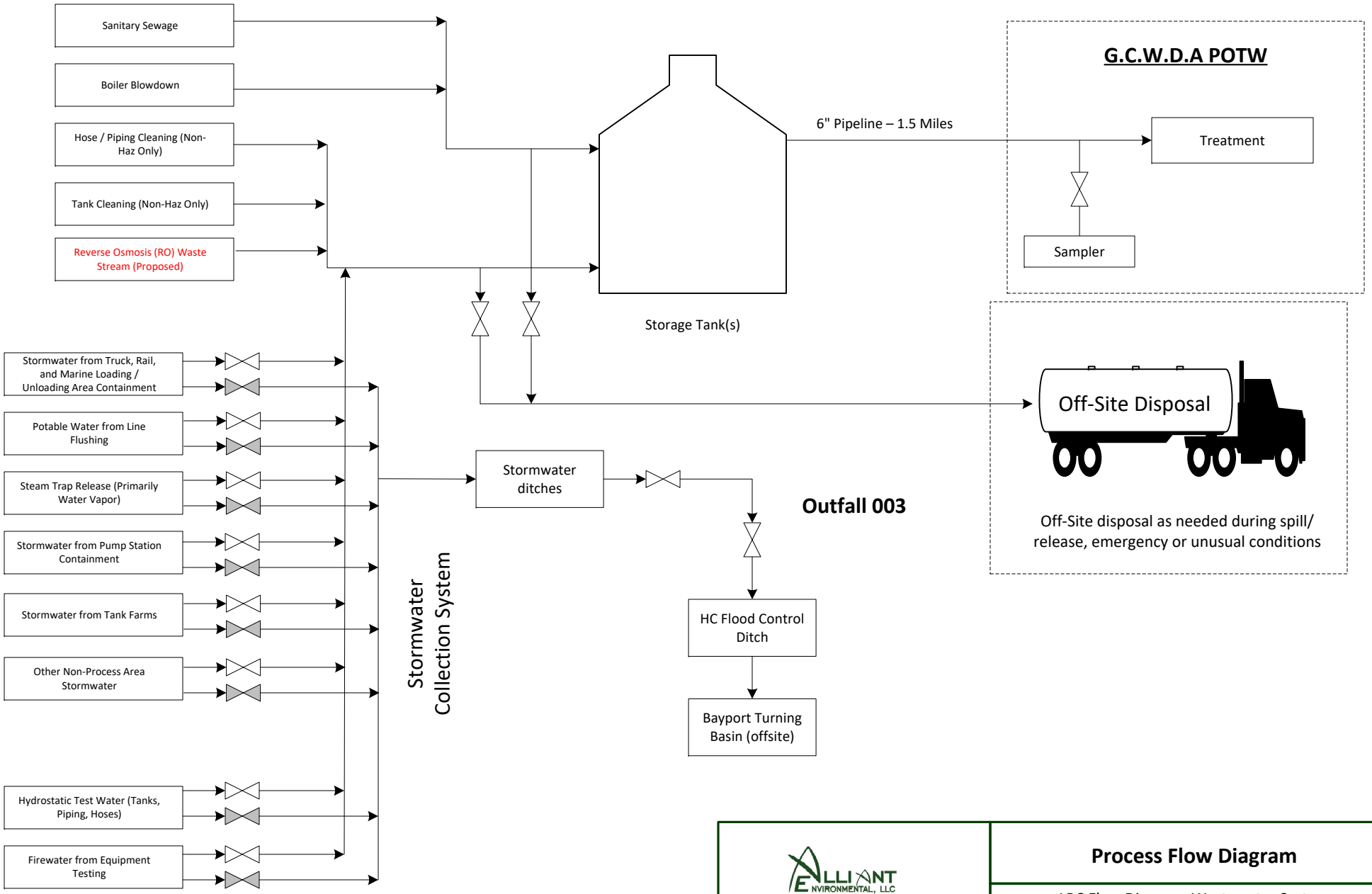
23219 Red River Drive
Katy, TX 77494

Process Flow Diagram

LBC Flow Diagram: Wastewater System
Outfall 002
Wastewater Permit Renewal & Amendment
Harris County, Texas

LBC Houston, LP

Scale:	Drawn by:	Date:	Project No.:	File Name:	Figure:
Drawing Not to Scale	KZ	7/22/2025	025-050	**LBC Flow Diagram 002**	H-2
	Chk'd by:	Date:			



ELLIANT ENVIRONMENTAL, LLC

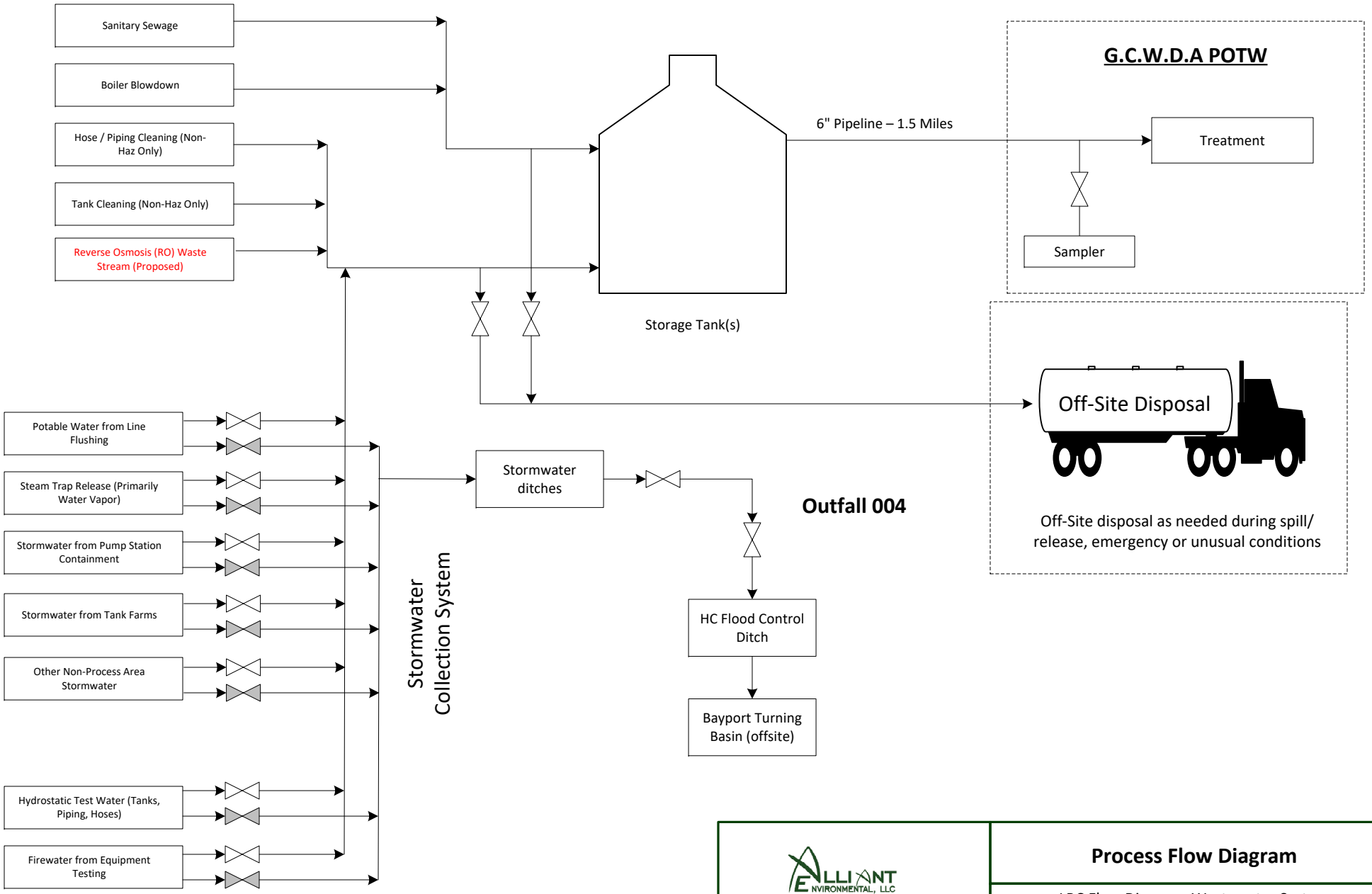
23219 Red River Drive
Katy, TX 77494

Process Flow Diagram

LBC Flow Diagram: Wastewater System
Outfall 003
Wastewater Permit Renewal & Amendment
Harris County, Texas

LBC Houston, LP

Scale:	Drawn by:	Date:	Project No.:	File Name:	Figure:
Drawing Not to Scale	KZ	7/22/2025	025-050	**LBC Flow Diagram 003**	H-3
	Chk'd by:	Date:			



ELLIANT ENVIRONMENTAL, LLC

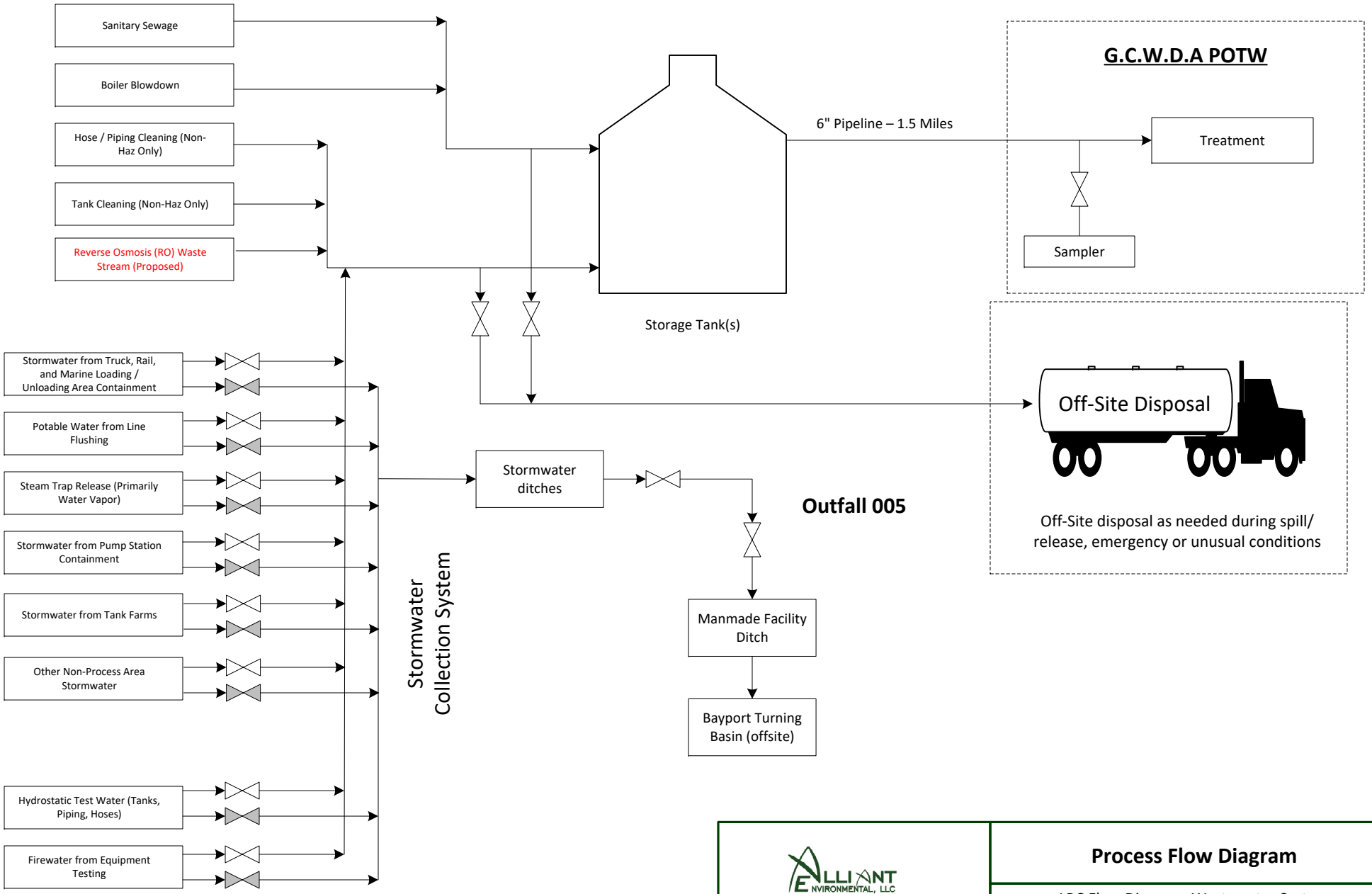
23219 Red River Drive
Katy, TX 77494

Process Flow Diagram

LBC Flow Diagram: Wastewater System
Outfall 004
Wastewater Permit Renewal & Amendment
Harris County, Texas

LBC Houston, LP

Scale:	Drawn by:	Date:	Project No.:	File Name:	Figure:
Drawing Not to Scale	KZ	7/22/2025	025-050	**LBC Flow Diagram 004**	H-4
	Chk'd by:	Date:			



ELLIANT ENVIRONMENTAL, LLC

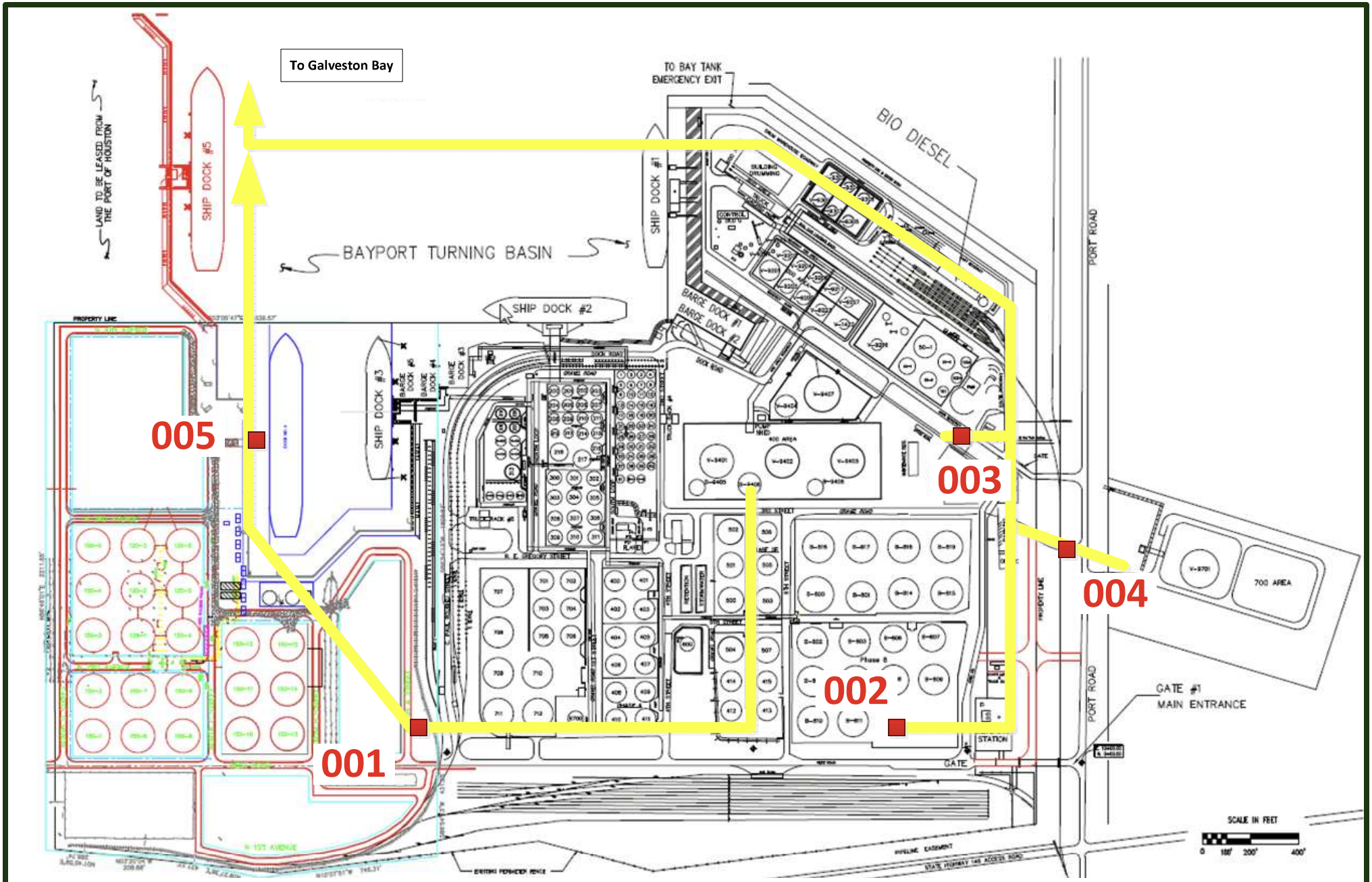
23219 Red River Drive
Katy, TX 77494

Process Flow Diagram

LBC Flow Diagram: Wastewater System
Outfall 005
Wastewater Permit Renewal & Amendment
Harris County, Texas

LBC Houston, LP

Scale:	Drawn by:	Date:	Project No.:	File Name:	Figure:
Drawing Not to Scale	KZ	7/22/2025	025-050	**LBC Flow Diagram 005**	H-5
	Chk'd by:	Date:			



ALLIANT ENVIRONMENTAL, LLC	LBC Houston, L.P. Facility Map – LBC Houston, L.P. Major Amendment	Date: 05/07/2019 Drawn by: AK	**LEGEND** 001 Outfall Number & Location Discharge Route