

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



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

TCEQ

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

PLAIN LANGUAGE SUMMARY FOR TPDES OR TLAP PERMIT APPLICATIONS

Plain Language Summary Template and Instructions for Texas Pollutant Discharge Elimination System (TPDES) and Texas Land Application (TLAP) Permit Applications

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

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

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

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

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

Cibolo Creek Municipal Authority (CN600680805) proposes to operate South Regional Water Reclamation Plant (RN107951964), is an activated sludge process plant operated in the conventional mode. The facility is located at 7424 Trainer Hale Road, in Schertz, Bexar County, Texas 78154. This application is for a major amendment to discharge at an annual average flow of 6,000,000 gallons per day via Outfall 001 in the final phase.

Discharges from the facility are expected to contain carbonaceous biochemical oxygen demand (CBOD5), total suspended solids (TSS), ammonia nitrogen, total phosphorus (TP) and E.coli. Domestic wastewater will be treated by two automated screens, one manual screen, two aeration basins, two final clarifiers, a chlorine contact basin, and two sludge holding tanks.

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

AGUAS RESIDUALES DOMESTICAS /AGUAS PLUVIALES

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

Cibolo Creek Municipal Authority (CN600680805) propone operar Planta de Recuperación de Agua Regional Sur (RN107951964), un planta de proceso de lodos activados operada en modo convencional.. La instalación estará ubicada en 7424 Trainer Hale Road, en Schertz, Condado de Bexar, Texas 78154. Esta solicitud es para una enmienda importante para descargar a un flujo promedio anual de 6,000,000 de galones por día a través del Emisario 001.

Se espera que las descargas de la instalación contengan demanda bioquímica carbonosa de oxígeno, sólidos suspendidos totales, nitrógeno amoniacal, fósforo total y E. coli. Aguas residuales domésticas estará tratado por dos pantallas automatizadas, una pantalla manual, dos tanques de aireación, dos clarificadores finales, un tanque de contacto con cloro y dos tanques de retención de lodos.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



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

PERMIT NO. WQ0015334001

APPLICATION. Cibolo Creek Municipal Authority, P.O. Box 930, Schertz, Texas 78154, has applied to the Texas Commission on Environmental Quality (TCEQ) to amend Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0015334001 (EPA I.D. No. TX0136131) to authorize an increase in the discharge of treated wastewater to a volume not to exceed an annual average flow of 6,000,000 gallons per day. The domestic wastewater facility is located at 7424 Trainer Hale Road, Schertz, in Bexar County, Texas 78154. The discharge route is from the plant site directly to Mid-Cibolo Creek. TCEQ received this application on March 19, 2025. The permit application will be available for viewing and copying at Cibolo Creek Municipal Authority, Administrative Office, 100 Dietz Road, Schertz, in Guadalupe County, Texas and at City of Universal City Hall, City Clerk Office, 2150 Universal City Boulevard, Universal City, in Bexar 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=-98.194166,29.501388&level=18

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

ADDITIONAL NOTICE. TCEQ's Executive Director has determined the application is administratively complete and will conduct a technical review of the application. After technical review of the application is complete, the Executive Director may prepare a draft permit and will issue a preliminary decision on the application. Notice of the Application and Preliminary Decision will be published and mailed to those who are on the countywide 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 Cibolo Creek Municipal Authority at the address stated above or by calling Mr. Clint Ellis, General Manager, at 210-658-6241.

Issuance Date: July 30, 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 MODIFICACION

PERMISO NO. WQ0015334001

SOLICITUD. La Autoridad Municipal del Cibolo Creek, P.O. Box 930, Schertz, Texas 78154, ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para modificar el Permiso No. WQ0015334001 (EPA I.D. No. TX 0136131) del Sistema de Eliminación de Descargas de Contaminantes de Texas (TPDES) para autorizar un aumento en la descarga de aguas residuales tratadas a un volumen que no exceda un flujo promedio anual de 6.000.000 de galones por día. La planta está ubicada 7424 Trainer Hale Road, Schertz en el Condado de Bexar, Texas 78154. La ruta de descarga es del sitio de la planta a directamente a Mid-Cibolo Creek. La TCEQ recibió esta solicitud el 19 de marzo de 2025. La solicitud para el permiso estará disponible para leerla y copiarla en Autoridad Municipal de Cibolo Creek, Oficina Administrativa, 100 Dietz Road, Schertz, en el Condado de Guadalupe y en el Ayuntamiento de la Ciudad de Universal, Oficina del Secretario Municipal, 2150 Universal City Boulevard, Universal City, en el Condado de Bexar, antes de la fecha de publicación de este aviso en el periódico. La solicitud (cualquier actualización y aviso inclusive) está disponible electrónicamente en la siguiente página web:

https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications. Este enlace a un mapa electrónico de la ubicación general del sitio o de la instalación es proporcionado como una cortesía y no es parte de la solicitud o del aviso. Para la ubicación exacta, consulte la solicitud.

https://gisweb.tceq.texas.gov/LocationMapper/?marker=-98.194166,29.501388&level=18

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

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

COMENTARIO PUBLICO / REUNION PUBLICA. Usted puede presentar comentarios públicos o pedir una reunión pública sobre esta solicitud. El propósito de una reunión pública es dar

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

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

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

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

La Comisión sólo puede conceder una solicitud de una audiencia de caso impugnado sobre los temas que el solicitante haya presentado en sus comentarios oportunos que no fueron retirados posteriormente. Si se concede una audiencia, el tema de la audiencia estará limitado a cuestiones de hecho en disputa o cuestiones mixtas de hecho y de derecho relacionadas a intereses pertinentes y materiales de calidad del agua que se hayan presentado durante el período de comentarios.

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 específico. Si desea que se agrega su nombre en una de las listas designe cual lista(s) y envía por correo su pedido a la Oficina del Secretario Principal de la TCEQ.

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

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

También se puede obtener información adicional de la Autoridad Municipal del Cibolo Creek a la dirección indicada arriba o llamando a Sr. Clint Ellis, Gerente general, al 210-658-6241.

Fecha de emisión: 30 de julio de 2025

Erwin Madrid

From: Garoutte, Alexandra <ahughes@plummer.com>

Sent: Wednesday, July 9, 2025 2:39 PM

To: Erwin Madrid; Lewis, Ashley; Brandon Maldonado **Cc:** Clint Ellis; Brandon Bradley; Adams, Robert

Subject: RE: Application for Permit No. WQ0015334001 – Notice of Deficiency 30-Day Will

Return Letter

Attachments: Affected Landowner_Labels.docx; Municipal Discharge Amendment Spanish NORI.docx

Good afternoon Erwin,

Please see the attached Spanish NORI and affected landowner labels.

We just had two small comments on the NORI language, see below:

APPLICATION. Cibolo Creek Municipal Authority, P.O. Box 930, Schertz, Texas 78154, has applied to the Texas Commission on Environmental Quality (TCEQ) to amend Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0015334001 (EPA I.D. No. TX0136131) to authorize an increase in the discharge of treated wastewater to a volume not to exceed an annual average flow of 6,000,000 gallons per day. The domestic wastewater facility is located at 7424 Trainer Hale Road, Schertz, in Bexar County, Texas 78154. The discharge route is from the plant site to directly to Mid-Cibolo Creek. TCEQ received this application on March 19, 2025. The permit application will be available for viewing and copying at Cibolo Creek Municipal Authority, Administrative Office, 100 Dietz Road, Schertz, in Guadalupe County, Texas and at City of Universal City Hall, City Clerk Office, 2150 Universal City Boulavard Boulevard, Universal City, in Bexar 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=-98.194166,29.501388&level=18

Further information may also be obtained from Cibolo Creek Municipal Authority at the address stated above or by calling Mr. Clint Ellis, General Manager, at 210-658-6241.

You may contact me with any questions or concerns.

Thank you,

Alexandra Garoutte

Scientist in Training III
Plummer

P: 512.452.5905 D: 737.304.7204 www.plummer.com From: Erwin Madrid < Erwin. Madrid@tceq.texas.gov>

Sent: Wednesday, July 9, 2025 11:45 AM

To: Lewis, Ashley <alewis@plummer.com>; Brandon Maldonado <Brandon.Maldonado@tceq.texas.gov>

Cc: Clint Ellis <CEllis@ccmatx.org>; Brandon Bradley <bbradley@ccmatx.org>; Adams, Robert <radams@plummer.com>; Garoutte, Alexandra ahughes@plummer.com>

Subject: RE: Application for Permit No. WQ0015334001 – Notice of Deficiency 30-Day Will Return Letter

Importance: High

CAUTION: This email originated from outside of Plummer. DO NOT CLICK links or attachments unless you recognize the sender and know the content is safe.

Hi Ashley,

We have reviewed the updated application and are almost ready to declare the application administratively complete. In order to finish the administrative review, can you please review and approve the NORI language below – and provide the Spanish Word NORI template (see attached).

Additionally, can you supply the affected landowners mailing labels in Word format?

APPLICATION. Cibolo Creek Municipal Authority, P.O. Box 930, Schertz, Texas 78154, has applied to the Texas Commission on Environmental Quality (TCEQ) to amend Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0015334001 (EPA I.D. No. TX0136131) to authorize an increase in the discharge of treated wastewater to a volume not to exceed an annual average flow of 6,000,000 gallons per day. The domestic wastewater facility is located at 7424 Trainer Hale Road, Schertz, in Bexar County, Texas 78154. The discharge route is from the plant site to directly to Mid-Cibolo Creek. TCEQ received this application on March 19, 2025. The permit application will be available for viewing and copying at Cibolo Creek Municipal Authority, Administrative Office, 100 Dietz Road, Schertz, in Guadalupe County, Texas and at City of Universal City Hall, City Clerk Office, 2150 Universal City Boulavard, Universal City, in Bexar 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=-98.194166,29.501388&level=18

Further information may also be obtained from Cibolo Creek Municipal Authority at the address stated above or by calling Mr. Clint Ellis, General Manager, at 210-658-6241.

Once we receive this information, we will declare the application admin complete. If you have any questions, please let me know.

Regards,

Erwin Madrid
Team Lead
ARP Team | Water Quality Division
512-239-2191
Texas Commission on Environmental Quality



From: Lewis, Ashley <alewis@plummer.com>

Sent: Tuesday, June 10, 2025 4:46 PM

To: Erwin Madrid < Erwin Madrid@tceq.texas.gov">Erwin Madrid@tceq.texas.gov >; Brandon Maldonado Brandon Maldonado@tceq.texas.gov >

Cc: Clint Ellis < CEllis@ccmatx.org; Brandon Bradley < bbradley@ccmatx.org; Adams, Robert < radams@plummer.com;

Garoutte, Alexandra <a hughes@plummer.com>

Subject: RE: Application for Permit No. WQ0015334001 - Notice of Deficiency 30-Day Will Return Letter

Hi Erwin,

Please find attached to this email the supplemental pages for a Major Amendment with Renewal permit application for Cibolo Creek Municipal Authority's South Regional Water Reclamation Plant (Permit No. WQ0015334001). Please let us know if you require any additional information for this permit application or if you have any questions.

Thank you,

Ashley Lewis

Water Quality/Permitting Team Leader Plummer

P: 512.452.5905 D: 512.687.2154

www.plummer.com

From: Erwin Madrid < Erwin. Madrid@tceg.texas.gov>

Sent: Thursday, May 22, 2025 10:22 AM

To: Lewis, Ashley alewis@plummer.com>; Brandon Maldonado Brandon Maldonado@tceq.texas.gov> Cc: Adams, Robert radams@plummer.com>; Garoutte, Alexandra ahughes@plummer.com>; Clint Ellis ccellis@ccmatx.org>

Subject: RE: Application for Permit No. WQ0015334001 - Notice of Deficiency 30-Day Will Return Letter

CAUTION: This email originated from outside of Plummer. DO NOT CLICK links or attachments unless you recognize the sender and know the content is safe.

Hi Ashley,

Thanks for following up via email. We have placed the application on an Administrative Hold while you work to prepare the supplemental pages for a Major Amendment with Renewal.

Please let us know when you are ready to submit the application documents or if any additional assistance is needed.

Regards,

Erwin Madrid Team Lead ARP Team | Water Quality Division

Texas Commission on Environmental Quality



Please consider whether it is necessary to print this e-mail.

From: Lewis, Ashley <<u>alewis@plummer.com</u>>
Sent: Wednesday, May 21, 2025 8:49 AM

To: Erwin Madrid <Erwin.Madrid@tceq.texas.gov>; Brandon Maldonado <Brandon.Maldonado@tceq.texas.gov>

Cc: Adams, Robert <radams@plummer.com>; Garoutte, Alexandra ahughes@plummer.com; Clint Ellis

<<a>CEllis@ccmatx.org>

Subject: RE: Application for Permit No. WQ0015334001 - Notice of Deficiency 30-Day Will Return Letter

Good Morning Erwin,

Thank you for talking with me this morning. As we discussed, here is the email request to put the Cibolo Creek Municipal Authority's South Plant (WQ0015334001) application on hold as we gather the info to supplement the permit application as a major amendment. Our timeframe to get the information to TCEQ is by June 10, 2025.

Please confirm that you have received this email and that you agree with the request.

Thanks!

Ashley Lewis

Water Quality/Permitting Team Leader Plummer

P: 512.452.5905 D: 512.687.2154

www.plummer.com

From: Erwin Madrid < Erwin.Madrid@tceq.texas.gov>

Sent: Wednesday, April 23, 2025 4:44 PM

To: Lewis, Ashley alewis@plummer.com; Brandon Maldonado Brandon Maldonado@tceq.texas.gov> <a href="mailto:Cc: Adams, Robert < radams@plummer.com">cc: Adams, Robert < radams@plummer.com); Garoutte, Alexandra ahughes@plummer.com); Clint Ellis

<<u>CEllis@ccmatx.org</u>>

Subject: RE: Application for Permit No. WQ0015334001 - Notice of Deficiency 30-Day Will Return Letter

CAUTION: This email originated from outside of Plummer. DO NOT CLICK links or attachments unless you recognize the sender and know the content is safe.

Hi Ashley,

Thank you for forwarding the email; I see that the current permit application is still within the NOD2 timeline (due date 5/21/2025). Therefore, there is still time to make changes/modifications to the permit application type without putting the application on a "HOLD" per say. However, if/once the deadline for NOD2 comes up and if more time is needed to clarify this matter, we can certainly work with you all.

If you have any additional questions/concerns, please feel free to let me know.

Regards,

Erwin Madrid
Team Lead
ARP Team | Water Quality Division
512-239-2191
Texas Commission on Environmental Quality



Please consider whether it is necessary to print this e-mail.

From: Lewis, Ashley <<u>alewis@plummer.com</u>>
Sent: Wednesday, April 23, 2025 3:18 PM

To: Brandon Maldonado <Brandon.Maldonado@tceq.texas.gov>; Erwin Madrid <Erwin.Madrid@tceq.texas.gov>

Cc: Adams, Robert < radams@plummer.com>; Garoutte, Alexandra < ahughes@plummer.com>; Clint Ellis

<CEllis@ccmatx.org>

Subject: RE: Application for Permit No. WQ0015334001 - Notice of Deficiency 30-Day Will Return Letter

Hi Brandon,

My colleague, Alex, reached out to you via email last week regarding the attached application, but we have not yet received a response. The permittee is currently evaluating whether to proceed with a major amendment to the permit rather than submitting a renewal application in its current form.

We request that the processing of the application be placed on hold. We expect to have more clarity on the appropriate direction for the permit—whether a major amendment or a renewal—by early next week. Could you please confirm receipt of this email? Your acknowledgment would be greatly appreciated.

Thank you,

Ashley Lewis

Water Quality/Permitting Team Leader Plummer

P: 512.452.5905 D: 512.687.2154

www.plummer.com

From: Brandon Maldonado <Brandon.Maldonado@tceq.texas.gov>

Sent: Monday, April 21, 2025 1:45 PM

To: Lewis, Ashley <alewis@plummer.com>; Erwin Madrid <Erwin.Madrid@tceq.texas.gov>; Clint Ellis

<CEllis@ccmatx.org>

Subject: RE: Application for Permit No. WQ0015334001 - Notice of Deficiency 30-Day Will Return Letter

CAUTION: This email originated from outside of Plummer. DO NOT CLICK links or attachments unless you recognize the sender and know the content is safe.

Hello,

I am sorry you didn't receive the email I noticed now that I misspelled your email when sending it. Above I have attached the NOD and the email I first attempted to send you the NOD.

Please let me know if you have any questions

Regards,



Brandon Maldonado

Texas Commission on Environmental Quality Water Quality Division 512-239-4331 Brandon.Maldonado@tceq.texas.gov

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

From: Lewis, Ashley <alewis@plummer.com>

Sent: Monday, April 21, 2025 1:37 PM

To: Erwin Madrid < Erwin Madrid@tceq.texas.gov; Clint Ellis < CEllis@ccmatx.org>

Cc: Brandon Maldonado < Brandon. Maldonado @tceq.texas.gov>

Subject: RE: Application for Permit No. WQ0015334001 - Notice of Deficiency 30-Day Will Return Letter

Erwin,

I never received the NOD letter from Brandon. Can you please send it to me?

Thanks,

Ashley Lewis

Water Quality/Permitting Team Leader Plummer

P: 512.452.5905 D: 512.687.2154

www.plummer.com

From: Erwin Madrid < Erwin.Madrid@tceq.texas.gov>

Sent: Monday, April 21, 2025 1:27 PM **To:** Clint Ellis < CEllis@ccmatx.org >

Cc: Brandon Maldonado < <u>Brandon.Maldonado@tceq.texas.gov</u>>; Lewis, Ashley < <u>alewis@plummer.com</u>> **Subject:** Application for Permit No. WQ0015334001 – Notice of Deficiency 30-Day Will Return Letter

Importance: High

CAUTION: This email originated from outside of Plummer. DO NOT CLICK links or attachments unless you recognize the sender and know the content is safe.

Dear applicant,

The attached Notice of Deficiency 30-Day Will Return Letter was mailed on <u>April 21, 2025</u>, requesting additional information needed to declare the application administratively complete. Please mail an original and two copies (with a cover letter) of the complete response by <u>May 21, 2025</u>.

Regards,

Erwin Madrid
Team Lead
ARP Team | Water Quality Division
512-239-2191
Texas Commission on Environmental Quality



Please consider whether it is necessary to print this e-mail.



0933-026-01

June 10, 2025

Erwin Madrid, Team Lead
Texas Commission on Environmental Quality
Water Quality Division
Applications Review and Processing Team
MC-148
P.O. Box 13087
Austin, TX 78711

Re: Cibolo Creek Municipal Authority (CN600680805)

South Regional Water Reclamation Plant (RN107951964)

Application for a Major Amendment with Renewal of Texas Pollutant Discharge Elimination

System (TPDES) Permit No. WQ0015334001

To Mr. Erwin Madrid,

On behalf of Cibolo Creek Municipal Authority (CCMA), Plummer Associates, Inc. (Plummer) provides supplemental information regarding the above-referenced application. On March 19, 2025, an application for a renewal without changes for the above-referenced facility was submitted to the Texas Commission on Environmental Quality (TCEQ). Since the submittal of the application, CCMA would like to increase the permitted flow at the facility to a proposed 6.0 MGD, which would be a major amendment with renewal of the permit. CCMA would also like to remove the 1.0 MGD Interim II phase from the permit.

The application fee of \$2,015.00 for the Domestic Wastewater Permit Application was submitted to the TCEQ under check no. 267501. Since the application fee for a Major Amendment application is \$2,050.00, the outstanding balance of \$35.00 will be submitted to TCEQ under a separate cover.

<u>Supplemental Information</u>

As stated above, CCMA wishes to add a 6.0 MGD phase to the current permit. Therefore, the phasing approach will be as follows:

Proposed Permit Flows and Phasing

Floure	Permit Phase						
Flows	Interim I	Interim II	Final				
Annual Average Flow (MGD)	0.5	3.0	6.0				
2-Hr Peak Flow (MGD)	2.0	9.0	14.25				

The following worksheets and attachments have been revised to reflect the additional phase. Certain enclosures replace existing permit application attachments or worksheets, while others are newly added to meet major amendment requirements. A full list of the worksheets and attachments provided for this application are included in the Table of Contents in Enclosure A. Please find the application revisions in Enclosures B - S.

Enclosure A: Table of Contents

Enclosure B: Domestic Administrative Report 1.0 - Pages 1-3, & 7-9

Enclosure C: Domestic Administrative Report 1.1

Enclosure D: Domestic Technical Report 1.0 - Pages 1 & 10

Enclosure E: Domestic Technical Report 1.1

Enclosure F: Attachment C - Plain Language Summary

Enclosure G: Attachment E – Supplemental Permit Information Form

Enclosure H: Attachment F - Treatment Process Description

Enclosure I: Attachment G – List of Treatment Units Enclosure J: Attachment H – Process Flow Diagram Enclosure K: Attachment K – Amendment Justification

Enclosure L: Attachment L – Public Involvement Plan Enclosure M: Attachment M – Affected Landowners

Enclosure N: Attachment N – Original Photographs

Enclosure O: Attachment O – Buffer Zone Map Enclosure P: Attachment P – Regionalization Map

Enclosure Q: Attachment Q – Design Calculations

Enclosure R: Attachment R – Wind Rose

Enclosure S: Attachment S – Sewage Solids Management Plan

Please feel free to contact me at alewis@plummer.com or (512) 687-2154, if you have any questions regarding this submittal.

Sincerely,

PLUMMER

TBPE Firm Registration No. F-13

ashing Jewis

Ashley Lewis

Water Quality/Permitting Team Leader

Enclosures (19)

cc: Mr. Clint Ellis, CCMA, General Manager

Mr. Ryan Madsen, CCMA, Chief Financial Officer

Mr. Brandon Bradley, Utilities Director

Enclosure A
Table of Contents

CIBOLO CREEK MUNICIPAL AUTHORITY SOUTH REGIONAL WATER RECLAMATION PLANT TPDES PERMIT MAJOR AMENDMENT WITH RENEWAL APPLICATION TABLE OF CONTENTS

I. ADMINISTRATIVE REPORT

Domestic Administrative Report 1.0

Domestic Administrative Report 1.1

Supplemental Permit Information Form (SPIF)

II. TECHNICAL REPORT

Domestic Technical Report 1.0 Domestic Technical Report 1.1 Domestic Worksheet 2.0 Domestic Worksheet 6.0

III. ATTACHMENTS

No.	<u>Description</u>	<u>Reference</u>
Α	Core Data Form	Admin Rpt 1.0, Section 3.C
В	Public Viewing Information	Admin Rpt 1.0, Section 8.D
С	Plain Language Summary	Admin Rpt 1.0, Section 8.F
D	USGS Map	Admin Rpt 1.0, Section 13
E	Supplemental Permit Information Form	SPIF
F	Treatment Process Description	Tech Rpt 1.0, Section 2.A
G	List of Treatment Units	Tech Rpt 1.0, Section 2.B
Н	Process Flow Diagram	Tech Rpt 1.0, Section 2.C
ı	Site Drawing	Tech Rpt 1.0, Section 3
J	Notification of Completion Form	Tech Rpt 1.0, Section 6.C
K	Permit Justification	Admin Rpt 1.0, Section 2.e
L	Public Involvement Plan Form	Admin Rpt 1.0, Section 8.G
М	Affected Landowners	Admin Rpt 1.1, Section 1
N	Original Photographs	Admin Rpt 1.1, Section 2
0	Buffer Zone Map	Admin Rpt 1.1, Section 3
Р	Regionalization Map	Tech Rpt 1.1, Section 1.3
Q	Design Calculations	Tech Rpt 1.1, Section 4
R	Wind Rose	Tech Rpt 1.1, Section 5.B
S	Sewage Solids Management Plan	Tech Rpt 1.1, Section 7

Enclosure B

Domestic Administrative Report 1.0 – Pages 1-3, & 7-9

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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST

Complete and submit this checklist with the application.

APPLICANT NAME: Cibolo Creek Municipal Authority
PERMIT NUMBER (If new, leave blank): WQ00 15334001

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

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

For TCEQ Use Only	
Segment NumberExpiration Date	County Region
Permit Number	Kegioii

THE TONMENTAL OURS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

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

Section 1. Application Fees (Instructions Page 26)

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

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

Minor Amendment (for any flow) \$150.00 □

Dax	mont	Inform	otion
rav	<i>i</i> ment	шин	iauvii.

Mailed Check/Money Order Number: 267501,

Check/Money Order Amount: \$2,015.00, \$35.00

Name Printed on Check: Cibolo Creek Municipal Authority

EPAY Voucher Number: N/A

Copy of Payment Voucher enclosed? Yes \square

Section 2. Type of Application (Instructions Page 26)

a.	. Check the box next to the appropriate authorization type					
	\boxtimes	Publicly-Owned Domestic Wastewater				
		Privately-Owned Domestic Wastewater				
		Conventional Wastewater Treatment				
b.	Che	ck the box next to the appropriate facility status.				
		Activo Inactivo				

c.	Check the box next to the appropriate permit type.					
	□ TLAP					
		TPDES Permit with TLAP component				
		Subsurface Area Drip Dispersal System (SAD	DS)			
d.	Che	eck the box next to the appropriate application	ı typ	e		
		New				
	\boxtimes	Major Amendment <u>with</u> Renewal		Minor Amendment <u>with</u> Renewal		
		Major Amendment <u>without</u> Renewal		Minor Amendment <u>without</u> Renewal		
		Renewal without changes		Minor Modification of permit		
e.	For	amendments or modifications, describe the p	rope	osed changes: See Attachment K		
		•				
f.		existing permits:				
		mit Number: WQ00 <u>15334001</u>				
	EPA	A I.D. (TPDES only): TX <u>0136131</u>				
	Exp	oiration Date: <u>9/16/2025</u>				
Se	ectio	on 3. Facility Owner (Applicant) a	nd	Co-Applicant Information		
		(Instructions Page 26)				
A.	The	e owner of the facility must apply for the per	mit.			
	Wha	at is the Legal Name of the entity (applicant) a	pply	ing for this permit?		
	Cibo	olo Creek Municipal Authority				
		e legal name must be spelled exactly as filed w legal documents forming the entity.)	ith tì	he Texas Secretary of State, County, or i		
		ne applicant is currently a customer with the T n may search for your CN on the TCEQ website				

CN: 600680805

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

Prefix: Mr. Last Name, First Name: Ellis, Clint

Title: General Manager Credential: N/A

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

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

N/A

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

	3.	Do the locatio	students a n?	at these	e schools a	attend	a bilingua	ıl educa	tion pro	gram a	t another
			Yes	\boxtimes	No						
	4.		the school out of this							ogram l	out the school has
			Yes	\boxtimes	No						
	5.		nswer is y ed. Which l	_	•		· -				tive language are
F.	Pla	in Lang	guage Sum	mary 7	Гemplate						
	Co	mplete	the Plain L	anguag	ge Summa	ry (TCE	Q Form 2	20972) a	ınd inclu	ıde as a	ın attachment.
	At	tachme	nt: <u>C</u>								
G.	Pu	blic Inv	olvement	Plan F	orm						
											plication for a
	ne	w perm	it or majo	r amen	dment to	a pern	n it and in	clude a	s an atta	ıchmen	t.
	At	tachme	nt: <u>L</u>								
Ç.	ot:	on 0	Dogula	atad I	entity, o	nd Do	rmittod	l Cita I	Inform	ation	(Instructions
36	CU	on 9.	Page 2		chulty al	iiu Pe	mmuec	i Site i	11110111	lation	(Instructions
Α.				y regul	ated by To	CEQ, pı	ovide the	Regula	ted Enti	ty Num	ber (RN) issued to
			TCEQ's Cocurrently 1				/www15.	tceq.tex	as.gov/o	<u>rpub/</u>	to determine if
B.	Na	me of p	roject or s	ite (the	name kn	own by	the com	nunity v	where lo	cated):	
	So	uth Regi	onal Water	Reclam	ation Plant						
C.	Ov	vner of	treatment	facility	Cibolo Cr	eek Mu	nicipal Aut	<u>thority</u>			
	Ov	vnership	of Facility	y: 🖂	Public		Private		Both		Federal
D.	Ov	vner of l	land where	treatn	nent facili	ty is or	will be:				
	Pre	efix: <u>N/</u>	<u>4</u>		Las	t Name	, First Na	me: <u>N/A</u>	<u>\</u>		
	Tit	le: <u>N/A</u>			Cre	dential	: <u>N/A</u>				
	Or	ganizat	ion Name:	<u>Cibolo (</u>	Creek Mun	icipal A	<u>uthority</u>				
	Ma	iling Ac	ldress: <u>P.O</u>	. Box 93	<u>30</u>		City, State	e, Zip Co	ode: <u>Sch</u>	<u>ertz, TX</u>	<u>78154</u>
	Ph	one No.	: <u>(210) 658</u> -	<u>6241</u>	E-r	nail Ad	dress: <u>cel</u>	lis@ccm	atx.org		
			lowner is n						or co-aj	pplican	t, attach a lease
		Attach	ment: <u>N/A</u>								

	Prefix: <u>N/A</u>	Last Name, First Name: <u>N/A</u>
	Title: <u>N/A</u>	Credential: <u>N/A</u>
	Organization Name: <u>N/A</u>	
	Mailing Address: <u>N/A</u>	City, State, Zip Code: <u>N/A</u>
	Phone No.: <u>N/A</u>	E-mail Address: <u>N/A</u>
	agreement or deed recorded ease	person as the facility owner or co-applicant, attach a lease ement. See instructions.
	Attachment: <u>N/A</u>	
F.	Owner sewage sludge disposal significant property owned or controlled by	ite (if authorization is requested for sludge disposal on the applicant)::
	Prefix: <u>N/A</u>	Last Name, First Name: <u>N/A</u>
	Title: <u>N/A</u>	Credential: <u>N/A</u>
	Organization Name: <u>N/A</u>	
	Mailing Address: <u>N/A</u>	City, State, Zip Code: <u>N/A</u>
	Phone No.: <u>N/A</u>	E-mail Address: <u>N/A</u>
	If the landowner is not the same agreement or deed recorded ease	person as the facility owner or co-applicant, attach a lease ement. See instructions.
	Attachment: <u>N/A</u>	
_		
Se	ection 10. TPDES Dischar	ge Information (Instructions Page 31)
		ge Information (Instructions Page 31) lity location in the existing permit accurate?
	Is the wastewater treatment facil	lity location in the existing permit accurate? on, please give an accurate description:
	Is the wastewater treatment facil	lity location in the existing permit accurate? on, please give an accurate description:
	Is the wastewater treatment facil	lity location in the existing permit accurate? on, please give an accurate description:
A.	Is the wastewater treatment facility Yes No If no, or a new permit application is represented by the second seco	lity location in the existing permit accurate? on, please give an accurate description:
A.	Is the wastewater treatment facility Yes No If no, or a new permit application is represented by the second seco	lity location in the existing permit accurate? on, please give an accurate description: exar County, Texas 78154
A.	Is the wastewater treatment facility Yes □ No If no, or a new permit application of discharge and the discharge and t	lity location in the existing permit accurate? on, please give an accurate description: exar County, Texas 78154
A.	Is the wastewater treatment facility Yes □ No If no, or a new permit application of discharge and the discharge and t	lity location in the existing permit accurate? on, please give an accurate description: exar County, Texas 78154 I the discharge route(s) in the existing permit correct? ermit application, provide an accurate description of the
A.	Is the wastewater treatment facility Yes □ No If no, or a new permit application of discharge and the discharge and t	lity location in the existing permit accurate? on, please give an accurate description: exar County, Texas 78154 If the discharge route(s) in the existing permit correct? ermit application, provide an accurate description of the arge route to the nearest classified segment as defined in 30 gment No. 1913 of the San Antonio River Basin.
A.	Is the wastewater treatment facil ✓ Yes ☐ No If no, or a new permit application of the point of discharge and the discharge of the point of discharge and the discharge and	lity location in the existing permit accurate? on, please give an accurate description: lexar County, Texas 78154 If the discharge route(s) in the existing permit correct? oermit application, provide an accurate description of the arge route to the nearest classified segment as defined in 30 gment No. 1913 of the San Antonio River Basin.
А.	Is the wastewater treatment facil ✓ Yes ☐ No If no, or a new permit application of the point of discharge and the dis	lity location in the existing permit accurate? On, please give an accurate description: Exar County, Texas 78154 If the discharge route(s) in the existing permit correct? Permit application, provide an accurate description of the arge route to the nearest classified segment as defined in 30 gment No. 1913 of the San Antonio River Basin. Zero are located: Bexar/Guadalupe discharge to a city, county, or state highway right-of-way, or

E. Owner of effluent disposal site:

	If yes , indicate by a check mark if: N/A
	\square Authorization granted \square Authorization pending
	For new and amendment applications, provide copies of letters that show proof of contact and the approval letter upon receipt.
	Attachment: N/A
D.	For all applications involving an average daily discharge of 5 MGD or more, provide the names of all counties located within 100 statute miles downstream of the point(s) of discharge: Bexar, Guadalupe, Wilson, and Karnes Counties
Se	ection 11. TLAP Disposal Information (Instructions Page 32)
Λ	For TLAPs, is the location of the effluent disposal site in the existing permit accurate?
/ 1.	☐ Yes ☐ No N/A - Not a TLAP
	If no, or a new or amendment permit application , provide an accurate description of the
	disposal site location:
	<u>N/A</u>
В.	City nearest the disposal site: <u>N/A</u>
	County in which the disposal site is located: N/A
D.	For TLAPs , describe the routing of effluent from the treatment facility to the disposal site:
	N/A
F	For TLAPs , please identify the nearest watercourse to the disposal site to which rainfall
L.	runoff might flow if not contained: N/A
Se	ection 12. Miscellaneous Information (Instructions Page 32)
A.	Is the facility located on or does the treated effluent cross American Indian Land?
	□ Yes ⊠ No
B.	If the existing permit contains an onsite sludge disposal authorization, is the location of the sewage sludge disposal site in the existing permit accurate?
	□ Yes □ No ⊠ Not Applicable
	If No, or if a new onsite sludge disposal authorization is being requested in this permit application, provide an accurate location description of the sewage sludge disposal site.
	N/A

Enclosure C
Domestic Administrative Report 1.1

DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.1

The following information is required for new and amendment applications.

Section 1. Affected Landowner Information (Instructions Page 36)

A. Indicate by a check mark that the landowners map or drawing, with scale, include following information, as applicable: <u>See Attachment M</u>						
	\boxtimes	The applicant's property boundaries				
	\boxtimes	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).)				
	\boxtimes	The point(s) of discharge and highlighted discharge route(s) clearly shown for one mile downstream				
		The property boundaries of the landowners located on both sides of the discharge route for one full stream mile downstream of the point of discharge				
		The property boundaries of the landowners along the watercourse for a one-half mile radius from the point of discharge if the point of discharge is into a lake, bay, estuary, or affected by tides				
		The boundaries of the effluent disposal site (for example, irrigation area or subsurface drainfield site) and all evaporation/holding ponds within the applicant's property				
		The property boundaries of all landowners surrounding the effluent disposal site				
		The boundaries of the sludge land application site (for land application of sewage sludge for beneficial use) and the property boundaries of landowners surrounding the applicant's property boundaries where the sewage sludge land application site is located				
		The property boundaries of landowners within one-half mile in all directions from the applicant's property boundaries where the sewage sludge disposal site (for example, sludge surface disposal site or sludge monofill) is located				
В.	⊠ addı	Indicate by a check mark that a separate list with the landowners' names and mailing resses cross-referenced to the landowner's map has been provided.				
C.	cate by a check mark in which format the landowners list is submitted:					
		☐ USB Drive ☐ Four sets of labels				
D.	Prov	vide the source of the landowners' names and mailing addresses: Bexar and Guadalupe CAD				
E.	As required by $Texas\ Water\ Code\ \S\ 5.115$, is any permanent school fund land affected by this application?					
		□ Yes ⊠ No				

	If y e	es, provide the location and foreseeable impacts and effects this application has on the (s):
	<u>N/A</u>	
Co	atio	n 2 Original Dhotographs (Instructions Dogo 20)
		n 2. Original Photographs (Instructions Page 38)
		original ground level photographs. Indicate with checkmarks that the following ition is provided. <u>See Attachment N</u>
	\boxtimes	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
	\boxtimes	A plot plan or map showing the location and direction of each photograph
Se	ctio	n 3. Buffer Zone Map (Instructions Page 38)
A.	info	er zone map. Provide a buffer zone map on 8.5×11 -inch paper with all of the following rmation. The applicant's property line and the buffer zone line may be distinguished by g dashes or symbols and appropriate labels. See Attachment O
	•	The required buffer zone; and Each treatment unit; and
В.		er zone compliance method. Indicate how the buffer zone requirements will be met. ck all that apply.
		☑ Ownership
		Restrictive easement
		Nuisance odor control
] Variance
C.		uitable site characteristics. Does the facility comply with the requirements regarding uitable site characteristic found in 30 TAC § 309.13(a) through (d)?
		□ Yes ⊠ No

Enclosure D

Domestic Technical Report 1.0 – Pages 1 & 10

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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.0

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

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

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

A. Existing/Interim I Phase

Design Flow (MGD): See Attachment K

2-Hr Peak Flow (MGD):

Estimated construction start date:

Estimated waste disposal start date:

B. Interim II Phase

Design Flow (MGD): See Attachment K

2-Hr Peak Flow (MGD):

Estimated construction start date:

Estimated waste disposal start date:

C. Final Phase

Design Flow (MGD): See Attachment K

2-Hr Peak Flow (MGD):

Estimated construction start date:

Estimated waste disposal start date:

D. Current Operating Phase

Provide the startup date of the facility: February 2025

Section 2. Treatment Process (Instructions Page 43)

A. Current Operating Phase

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

Table 1.0(2) - Pollutant Analysis for Wastewater Treatment Facilities

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time	
CBOD ₅ , mg/l	N/A - Facility began operation in February 2025, analytical data will be submitted by June 2025.					
Total Suspended Solids, mg/l						
Ammonia Nitrogen, mg/l						
Nitrate Nitrogen, mg/l						
Total Kjeldahl Nitrogen, mg/l						
Sulfate, mg/l						
Chloride, mg/l						
Total Phosphorus, mg/l						
pH, standard units						
Dissolved Oxygen*, mg/l						
Chlorine Residual, mg/l						
E.coli (CFU/100ml) freshwater						
Entercocci (CFU/100ml) saltwater						
Total Dissolved Solids, mg/l						
Electrical Conductivity, µmohs/cm, †						
Oil & Grease, mg/l						
Alkalinity (CaCO ₃)*, mg/l						

^{*}TPDES permits only

Table 1.0(3) - Pollutant Analysis for Water Treatment Facilities

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
Total Suspended Solids, mg/l	<u>N/A</u>				
Total Dissolved Solids, mg/l	N/A				
pH, standard units	N/A				
Fluoride, mg/l	N/A				
Aluminum, mg/l	N/A				
Alkalinity (CaCO ₃), mg/l	<u>N/A</u>				

Section 8. Facility Operator (Instructions Page 50)

Facility Operator Name: Michael Ledford

Facility Operator's License Classification and Level: A

Facility Operator's License Number: <u>WW0048592</u>

[†]TLAP permits only

Enclosure E
Domestic Technical Report 1.1

DOMESTIC WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.1

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

Section 1. Justification for Permit (Instructions Page 57)

A. Justification of permit need

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

	ecommending denial of the proposed phase(s) or permit.					
	See Attachment K					
В.	egionalization of facilities	<u> </u>				
	For additional guidance, please review <u>TCEQ's Regionalization Policy for Wastewater Treatment</u> ¹ .					
	Provide the following information concerning the potential for regionalization of domest wastewater treatment facilities:					
	. Municipally incorporated areas					
	If the applicant is a city, then Item 1 is not applicable. Proceed to Item 2 Utility Coareas.	CN				
	Is any portion of the proposed service area located in an incorporated city?					
	□ Yes □ No ⊠ Not Applicable					
	If yes, within the city limits of: N/A – This is a regional facility serving multiple cities.					
	If yes, attach correspondence from the city.					
	Attachment: N/A					
	If consent to provide service is available from the city, attach a justification for the proposed facility and a cost analysis of expenditures that includes the cost of connecting to the city versus the cost of the proposed facility or expansion attack					
	Attachment: <u>N/A</u>					
	. Utility CCN areas					
	Is any portion of the proposed service area located inside another utility's CCN at	rea?				
	⊠ Yes □ No					

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

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

Attachment: N/A – This is a regional facility serving multiple cities.

3. Nearby WWTPs or collection systems

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

⊠ Yes □ No

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

Attachment: P

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

Attachment: N/A — Other treatment facilities within 3 miles are owned by applicant. Green Valley SUD is served by applicant.

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

Attachment: N/A

Section 2. Proposed Organic Loading (Instructions Page 59)

Is this facility in operation?

⊠ Yes □ No

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

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

A. Current organic loading

Facility Design Flow (flow being requested in application): 6

Average Influent Organic Strength or BOD_5 Concentration in mg/l: <u>350</u>

Average Influent Loading (lbs/day = total average flow X average BOD₅ conc. X 8.34): <u>17,514</u>

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

<u>Due to limited influent BOD data since the facility's launch in February 2025, a 350 mg/L estimate was used based on facility design.</u>

B. Proposed organic loading

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

Table 1.1(1) - Design Organic Loading

Source	Total Average Flow (MGD)	Influent BOD5 Concentration (mg/l)
Municipality	0.5 / 3.0 / 6.0	350
Subdivision		
Trailer park - transient		
Mobile home park		
School with cafeteria and showers		
School with cafeteria, no showers		
Recreational park, overnight use		
Recreational park, day use		
Office building or factory		
Motel		
Restaurant		
Hospital		
Nursing home		
Other		
TOTAL FLOW from all sources	0.5 / 3.0 / 6.0	
AVERAGE BOD₅ from all sources		350

Section 3. Proposed Effluent Quality and Disinfection (Instructions Page 59)

A. Existing/Interim I Phase Design Effluent Quality

Biochemical Oxygen Demand (5-day), mg/l: 10

Total Suspended Solids, mg/l: 15

Ammonia Nitrogen, mg/l: <u>April-October: 3 / November-March: 4</u>

Total Phosphorus, mg/l: <u>1</u> Dissolved Oxygen, mg/l: <u>4</u>

Other: N/A

В.	Biochemical Oxygen Demand (5-day), mg/l: April-October: 7 / November-March: 10 Total Suspended Solids, mg/l: 15 Ammonia Nitrogen, mg/l: April-October: 2 / November-March: 3 Total Phosphorus, mg/l: 0.5 Dissolved Oxygen, mg/l: 6 Other: N/A					
C.	Final Phase Design Effluent Quality Biochemical Oxygen Demand (5-day), mg/l: April-October: 7 / November-March: 10 Total Suspended Solids, mg/l: 15 Ammonia Nitrogen, mg/l: 2 Total Phosphorus, mg/l: 0.5 Dissolved Oxygen, mg/l: 6 Other: N/A					
D.	Disinfection Method Identify the proposed method of disinfection. □ Chlorine: 1 mg/l after 20 minutes detention time at peak flow Dechlorination process: □ Ultraviolet Light: seconds contact time at peak flow □ Other: Sodium Bisulfite					
Att	tach design calculations (Instructions Page 59) tach design calculations and plant features for each proposed phase. Example 4 of the structions includes sample design calculations and plant features. Attachment: Q tection 5. Facility Site (Instructions Page 60)					
A.	100-year floodplain Will the proposed facilities be located <u>above</u> the 100-year frequency flood level? ☑ Yes ☐ No If no, describe measures used to protect the facility during a flood event. Include a site map showing the location of the treatment plant within the 100-year frequency flood level. If applicable, provide the size and types of protective structures. N/A					

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

	FEMA Flood Map No. 48029C0315F
	For a new or expansion of a facility, will a wetland or part of a wetland be filled?
	□ Yes ⊠ No
	If yes, has the applicant applied for a US Corps of Engineers 404 Dredge and Fill Permit?
	□ Yes □ No
	If yes, provide the permit number: N/A
	If no, provide the approximate date you anticipate submitting your application to the Corps: $\underline{N/A}$
B.	Wind rose
	Attach a wind rose: <u>See Attachment R</u>
Se	ection 6. Permit Authorization for Sewage Sludge Disposal

(Instructions Page 60)

A. Beneficial use authorization

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

□ Yes ⊠ No

If yes, attach the completed Application for Permit for Beneficial Land Use of Sewage Sludge (TCEQ Form No. 10451): N/A

B. Sludge processing authorization

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

☐ Sludge Composting

Marketing and Distribution of sludge

☐ Sludge Surface Disposal or Sludge Monofill

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

Section 7. Sewage Sludge Solids Management Plan (Instructions Page 61)

Attach a solids management plan to the application.

Attachment: S

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

- Treatment units and processes dimensions and capacities
- Solids generated at 100, 75, 50, and 25 percent of design flow
- Mixed liquor suspended solids operating range at design and projected actual flow

- Quantity of solids to be removed and a schedule for solids removal
- Identification and ownership of the ultimate sludge disposal site
- For facultative lagoons, design life calculations, monitoring well locations and depths, and the ultimate disposal method for the sludge from the facultative lagoon

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

Enclosure F
Attachment C – Plain Language Summary

TCEQ

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

PLAIN LANGUAGE SUMMARY FOR TPDES OR TLAP PERMIT APPLICATIONS

Plain Language Summary Template and Instructions for Texas Pollutant Discharge Elimination System (TPDES) and Texas Land Application (TLAP) Permit Applications

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

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

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

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

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

Cibolo Creek Municipal Authority (CN600680805) proposes to operate South Regional Water Reclamation Plant (RN107951964), is an activated sludge process plant operated in the conventional mode. The facility is located at 7424 Trainer Hale Road, in Schertz, Bexar County, Texas 78154. This application is for a major amendment to discharge at an annual average flow of 6,000,000 gallons per day via Outfall 001 in the final phase.

Discharges from the facility are expected to contain carbonaceous biochemical oxygen demand (CBOD5), total suspended solids (TSS), ammonia nitrogen, total phosphorus (TP) and E.coli. Domestic wastewater will be treated by two automated screens, one manual screen, two aeration basins, two final clarifiers, a chlorine contact basin, and two sludge holding tanks.

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

AGUAS RESIDUALES DOMESTICAS /AGUAS PLUVIALES

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

Cibolo Creek Municipal Authority (CN600680805) propone operar Planta de Recuperación de Agua Regional Sur (RN107951964), un planta de proceso de lodos activados operada en modo convencional.. La instalación estará ubicada en 7424 Trainer Hale Road, en Schertz, Condado de Bexar, Texas 78154. Esta solicitud es para una enmienda importante para descargar a un flujo promedio anual de 6,000,000 de galones por día a través del Emisario 001.

Se espera que las descargas de la instalación contengan demanda bioquímica carbonosa de oxígeno, sólidos suspendidos totales, nitrógeno amoniacal, fósforo total y E. coli. Aguas residuales domésticas estará tratado por dos pantallas automatizadas, una pantalla manual, dos tanques de aireación, dos clarificadores finales, un tanque de contacto con cloro y dos tanques de retención de lodos.

Enclosure G
Attachment E – Supplemental Permit Information Form

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:RenewalMajor AmendmentNewNew
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 our agreement with EPA. If any of the items are not completely addressed or further information needed, we will contact you to provide the information before issuing the permit. Address each item completely.
Oo 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 formay be directed to the Water Quality Division's Application Review and Processing Team by email at

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: <u>Clint Ellis</u>					
Credential (P.E, P.G., Ph.D., etc.): <u>N/A</u>					
Title: General Manager					
Mailing Address: P.O. Box 930					
City, State, Zip Code: <u>Schertz, TX 78154</u>					
Phone No.: (210) 658-6241 Ext.: N/A Fax No.: (210) 658-5830					
E-mail Address: <u>cellis@ccmatx.org</u>					
List the county in which the facility is located: Bexar/Guadalupe					
If the property is publicly owned and the owner is different than the permittee/applicant, please list the owner of the property. N/A					
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.					
Directly to Mid-Cibolo Creek, Segment No. 1913 of the San Antonio River Basin.					
Please provide a separate 7.5-minute USGS quadrangle map with the project boundaries plotted and a general location map showing the project area. Please highlight the discharge route from the point of discharge for a distance of one mile downstream. (This map is required in addition to the map in the administrative report). See SPIF 1 and 2					
Provide original photographs of any structures 50 years or older on the property. <u>See SPIF 3</u>					
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					

Disturbance of vegetation or wetlands

Sealing caves, fractures, sinkholes, other karst features

2.3.

4.

5.

1.	List proposed construction impact (surface acres to be impacted, depth of excavation, sealing of caves, or other karst features):
	The area impacted is estimated at 17.5 acres of the property owned by CCMA. The maximum depth of excavation is 25 feet for treatment units. No caves or karst features are present.
2.	Describe existing disturbances, vegetation, and land use:
	The previous land use of the plot was "agricultural".
	E FOLLOWING ITEMS APPLY ONLY TO APPLICATIONS FOR NEW TPDES PERMITS AND MAJOR IENDMENTS TO TPDES PERMITS
3.	List construction dates of all buildings and structures on the property:
	There is one single family home on the property that was constructed in 1870, one cabin constructed prior to 1886, and four barns with unknown construction dates. The current wastewater treatment facility was constructed in 2019.
4.	Provide a brief history of the property, and name of the architect/builder, if known.
1.	The property is mostly undeveloped agricultural land with one single family home, a cabin, and four barns. The buildings are outside of the proposed facility construction area.

Enclosure H
Attachment F – Treatment Process Description

ATTACHMENT F

CIBOLO CREEK MUNICIPAL AUTHORITY SOUTH REGIONAL WATER RECLAMATION PLANT TPDES PERMIT MAJOR AMENDMENT APPLICATION TREATMENT PROCESS DESCRIPTION

Cibolo Creek Municipal Authority (CCMA) owns and operates the South Regional Water Reclamation Plant (South RWRP). The South RWRP began operation in March 2025. Three phases of operation are permitted by the Texas Pollutant Discharge Elimination System Permit No. WQ0015335001. An additional phase is proposed by the amendment. The treatment processes for the expanded phase is described in this attachment.

FINAL PHASE

The Final Phase is for a design flow of 6.0 MGD. Treatment units from the 3 MGD phase will continue to treat 3.0 MGD average daily flow and the new construction will be for an additional 3.0 MGD of treatment capacity. The South RWRP will continue to be operated as a conventional activated sludge process plant. The proposed additional treatment units are new headworks with two fine screening units, two aeration basins, two final clarifiers, tertiary filtration, and a chlorine contact basin. Phosphorus removal will be achieved through chemical precipitation and filtration.

The proposed Final Phase will include the installation of a second belt filter press in the dewatering facility. Dewatered cake will be disposed of at a landfill or further processed at the CCMA OJR RWRP and then disposed of in accordance with the CCMA OJR RWRP TPDES Permit, No. WQ0011269001.

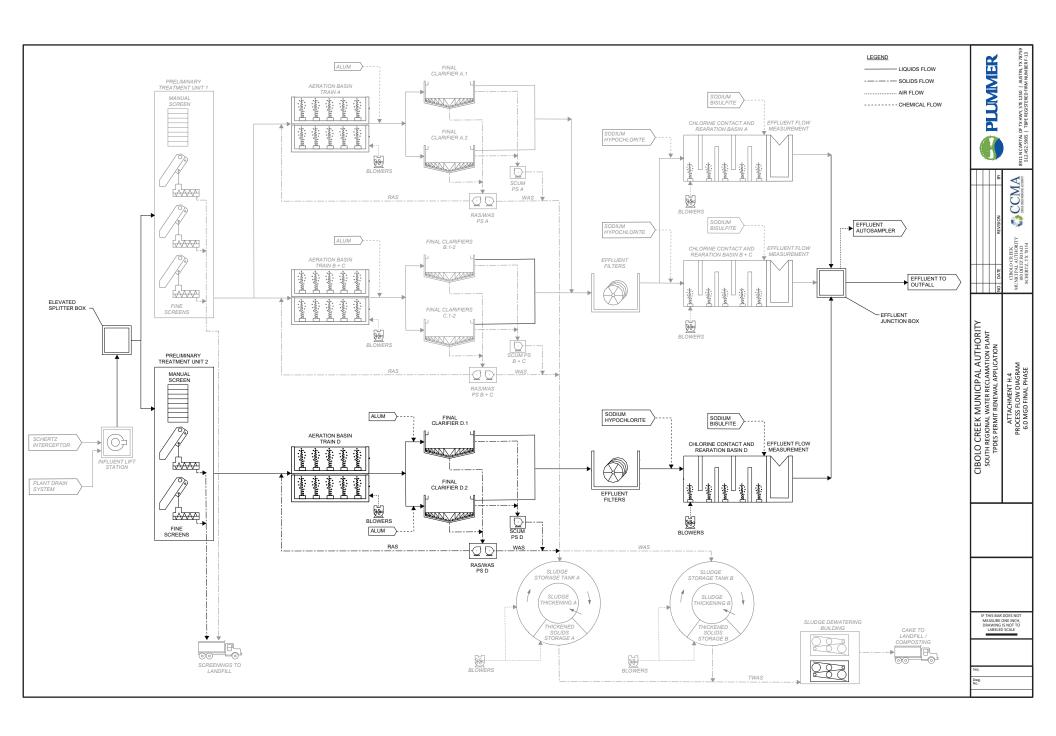
Enclosure I
Attachment G – List of Treatment Units

ATTACHMENT G

CIBOLO CREEK MUNICIPAL AUTHORITY SOUTH REGIONAL WATER RECLAMATION PLANT TPDES PERMIT MAJOR AMENDMENT APPLICATION LIST OF TREATMENT UNITS

Final Phase (6.0 MGD)				
Description	Quantity	Equipment/Capacity		
Screening:				
Headworks 1:				
Automated Screen	2	¼" Automated Mechanical Fine Screen		
Manual Screen	1	34" Manual Screen in Diversion Channel		
Headworks 2 (New):				
Automated Screen	2	¼" Automated Mechanical Fine Screen		
Manual Screen	1	3/4" Manual Screen in Diversion Channel		
Aeration Basins:				
Train A (1.0 MGD)	2	311,916 gallons (ea); 32' x 69' x 19' SWD		
Train B (1.0 MGD)	2	311,916 gallons (ea); 32' x 69' x 19' SWD		
Train C (1.0 MGD)	2	311,916 gallons (ea); 32' x 69' x 19' SWD		
Train D (3.0 MGD)	2	935,748 gallons (ea); 64' x 103' x 19' SWD		
Final Clarifiers:				
Train A (1.0 MGD)	2	146,869 gallons; 50' Dia. x 10' SWD		
Train B (1.0 MGD)	2	146,869 gallons; 50' Dia. x 10' SWD		
Train C (1.0 MGD)	2	146,869 gallons; 50' Dia. x 10' SWD		
Train D (3.0 MGD)	2	335,003 gallons; 72' Dia. x 11' SWD		
Effluent Filter Basins:	2	31 cloth media disks (ea), 35 SF each disk		
Chlorine Contact Basins:				
Train A (1.0 MGD)	1	41,661 gallons; 36' x 15' x 10.5' SWD		
Train B+C (2.0 MGD)	1	83,322 gallons; 36' x 30' x 10.5' SWD		
Train D (3.0 MGD)	1	124,983 gallons; 36' x 42' x 11' SWD		
Sludge Holding Tanks:	2	363,524 gallons; 74' Dia. x 11.3' SWD		
Biosolids Dewatering:	2	2-meter Belt Filter Presses		
Blowers:				
Train A+B+C Large Blowers	4	2,025 scfm		
Train A+B+C Small Blowers	3	1,240 scfm		
Train D Large Blowers	3	4,000 scfm		
Train D Small Blowers	1	2,000 scfm		
Sodium Hypochlorite Feed Pumps:	7	0.2 - 17.2 gal/hour		
Alum Feed Pumps:	6	0.05 - 4.5 gal/hour		
Sodium Bisulfite Feed Pumps:	4	0.1 - 1 gal/hour		
Reaeration Basins:	3	(Combined with Chlorine Contact Basins)		

Enclosure J
Attachment H – Process Flow Diagram



Enclosure K
Attachment K – Amendment Justification

ATTACHMENT K

CIBOLO CREEK MUNICIPAL AUTHORITY

SOUTH REGIONAL WATER RECLAMATION PLANT TPDES PERMIT MAJOR AMENDMENT WITH RENEWAL APPLICATION JUSTIFICATION OF PERMIT AMENDMENT

The South Regional Water Reclamation Plant (South Plant) is owned, operated, and maintained by the Cibolo Creek Municipal Authority (CCMA) and serves the City of Schertz and the City of Cibolo. The South Plant is authorized by the Texas Commission on Environmental Quality (TCEQ) to treat and discharge wastewater under Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0015334001. CCMA requests a major amendment of the TPDES permit to increase the permitted flow rate to a Final phase of 6 million gallons per day (MGD) to accommodate future population growth. The following provides justification for the proposed major amendment to the existing permit.

CURRENT FLOWS

The existing permit was issued on September 16, 2020, with an expiration date of September 16, 2025. The permitted flow for all phases in the existing permit is summarized in Table 1.

Table 1. Current Permitted Flows

Phase	Design Flow, MGD	2-Hr Peak Flow, MGD
Existing/Interim I	0.5	2.0
Interim II	1.0	3.0
Final	3.0	7.125

PROPOSED FLOWS

The existing facility currently provides 0.25 MGD capacity to both the City of Schertz and the City of Cibolo. In order to accommodate the projected population growth in the service areas, CCMA will need to expand the capacity at the South Plant. To accommodate the current annual average flows and growth trends in the service area, CCMA proposes a Final phase of 6.0 MGD. Additionally, CCMA requests to remove the 1.0 MGD Interim II phase from the existing permit. A peaking factor of 3 is requested for the 6.0 MGD Final phase based on historical influent flows. CCMA requests the following phases in the amended South Plant permit as shown in Table 2.

Table 2. Proposed Flow Phasing

Phase	Design Flow, MGD	2-Hr Peak Flow, MGD	Phase Construction Target Start Date ⁽¹⁾	Discharge Target Start Date(1)
Existing/Interim I	0.5	2.0	N/A - Existing	N/A - Existing
Interim II	3.0	9.0	2027	2028
Final	6.0	18.0	2033	2035

⁽¹⁾ Construction and discharge target start dates will be based on discharge volume needs as development within the service area progresses. These dates are an approximation.

ATTACHMENT K CIBOLO CREEK MUNICIPAL AUTHORITY SOUTH REGIONAL WATER RECLAMATION PLANT TPDES PERMIT MAJOR AMENDMENT WITH RENEWAL APPLICATION JUSTIFICATION OF PERMIT AMENDMENT

Figure 1 summarizes the projected flow in the service area that is currently served by South Plant. In accordance with Item 8.a of the Operational Requirements section of the current permit, domestic sewage treatment facilities that reach 75% of the permitted daily average or annual average flow for three consecutive months, must initiate engineering and financial planning for an expansion of the domestic wastewater treatment facilities. Whenever the flow reaches 90% of the permitted daily average or annual average flow for three consecutive months, the permittee must begin construction of the necessary additional treatment facilities.

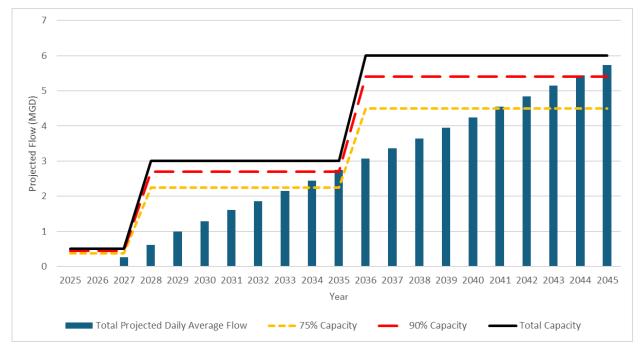


Figure 1. Projected Wastewater Demand

Based on the flow projections presented in Figure 1, engineering and financial planning for the 3.0 MGD Interim II phase should begin in 2027, with construction anticipated to begin in 2028. For the 6.0 MGD phase Final phase, engineering and financial planning should be initiated in 2033, and construction anticipated to begin by 2035.

ATTACHMENT K

CIBOLO CREEK MUNICIPAL AUTHORITY SOUTH REGIONAL WATER RECLAMATION PLANT TPDES PERMIT MAJOR AMENDMENT WITH RENEWAL APPLICATION JUSTIFICATION OF PERMIT AMENDMENT

PROPOSED PERMIT LIMITS

The existing permit includes effluent quality limitations for 5-day Carbonaceous Biochemical Oxygen Demand (CBOD₅), Total Suspended Solids (TSS), Ammonia Nitrogen (NH₃-N), and dissolved oxygen (DO), which are measured in milligrams per liter (mg/L).

Plummer has performed water quality modeling to determine the impact of the proposed expansion to 6 MGD. The proposed effluent quality limits for the amended permit have been developed using an uncalibrated QUAL-TX model in the receiving water. The proposed permit effluent quality limits are presented in Table 3.

Table 3. Proposed Effluent Quality Limits

Phase	Average CBOD	CBOD ₅	(mg/L)	TSS	NH₃-N (mg/L)		DO
Filase	(MGD)	Apr-Oct	Nov-Mar	(mg/L)	Apr-Oct	Nov-Mar	(mg/L)
Existing/Interim I	0.5	10	10	15	3	4	4
Interim II	3.0	7	10	15	2	3	6
Final	6.0	7	10	15	2	2	6

The proposed effluent limits demonstrate the ability to maintain current uses and water quality standards in Mid-Cibolo Creek Segment No. 1913 of the San Antonio River Basin.

Enclosure L

Attachment L – Public Involvement Plan



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, <u>and</u>
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. N/A

TCEQ-20960 (02-09-2023)

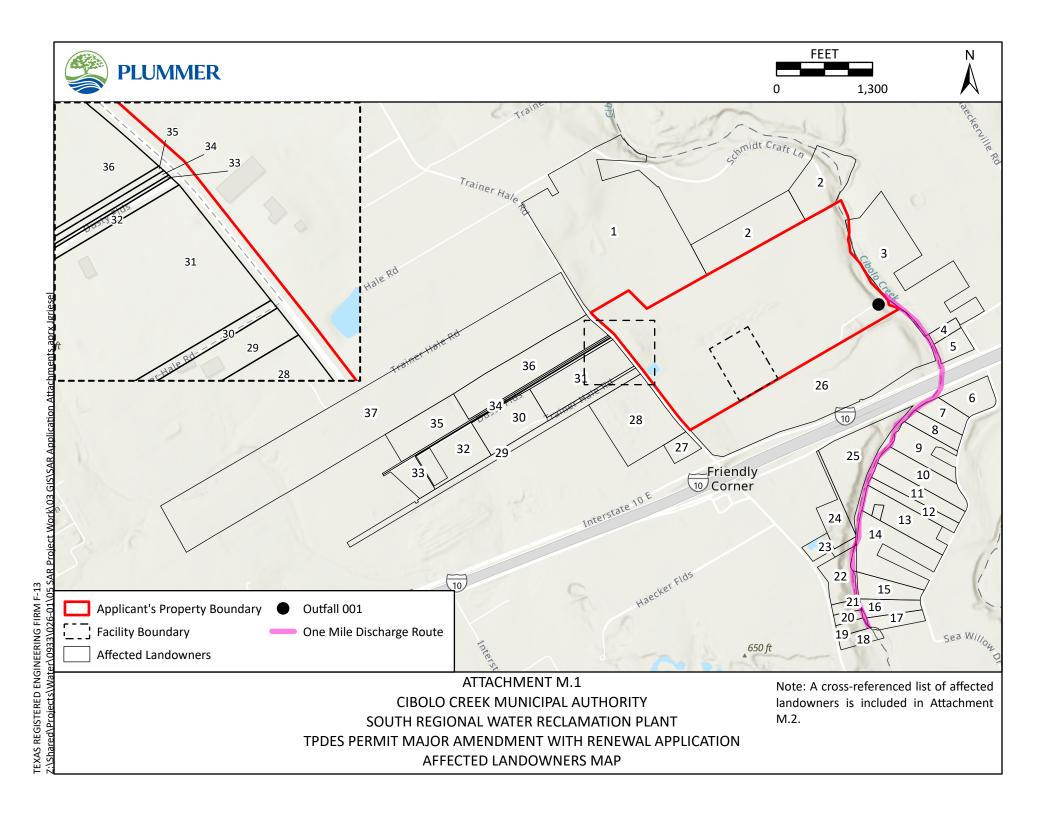
Section 3. Application Information
Type of Application (check all that apply): Air Initial Federal Amendment Standard Permit Title V Waste Municipal Solid Waste Industrial and Hazardous Waste Scrap Tire Radioactive Material Licensing Underground Injection Control
Water Quality
Texas Pollutant Discharge 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.
Cibolo Creek Municipal Authority (CN600680805) proposes to operate South Regional Water Reclamation Plant (RN107951964), is an activated sludge process plant operated in the conventional mode. The facility is located at 7424 Trainer Hale Road, in Schertz, Bexar County, Texas 78154. This application is for a major amendment to discharge at an annual average flow of 6,000,000 gallons per day via Outfall 001 in the final phase.
Discharges from the facility are expected to contain carbonaceous biochemical oxygen demand (CBOD5), total suspended solids (TSS), ammonia nitrogen, total phosphorus (TP) and E.coli. Domestic wastewater will be treated by two automated screens, one manual screen, two aeration basins, two final clarifiers, a chlorine contact basin, and two sludge holding tanks.

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.				
Schertz				
(City)				
Bexar				
(County)				
1316.01				
(Census Tract) Please indicate which of these three is the level used for gathering the following information. City Census Tract				
(a) Percent of people over 25 years of age who at least graduated from high school				
85.9%				
(b) Per capita income for population near the specified location				
\$33,963				
(c) Percent of minority population and percent of population by race within the specified location				
White alone: 26.6%; Black or African American: 9.4%; American Indian or Alaskan Native: 1.3%; Pacific Islander: 0.3%; Multiracial: 2.8%; Hispanic or Latino: 59.8%				
(d) Percent of Linguistically Isolated Households by language within the specified location				
Language other than English spoken at home, percent of persons age 5 years+ 38.0%				
(e) Languages commonly spoken in area by percentage				
English only: 62.3%; Spanish: 33.3%; Other Indo-European languages: 1.8%; Asian and Pacific Islander languages: 2.0%; Other languages: 0.7%				
(f) Community and/or Stakeholder Groups				
San Antonio Water System				
(g) Historic public interest or involvement				
Previous applications for this facility have not had public interest.				
_				

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. N/A				
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)				
Tubile Flace (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)				

TCEQ-20960 (02-09-2023) Page 4 of 4

Enclosure M
Attachment M – Affected Landowners



ATTACHMENT M.2

CIBOLO CREEK MUNICIPAL AUTHORITY

SOUTH REGIONAL WATER RECLAMATION PLANT

TPDES PERMIT MAJOR AMENDMENT WITH RENEWAL APPLICATION AFFECTED LANDOWNERS LIST

Map ID	Owner Name	Mailing Address
1	SCHMIDT BETTY	8180 TRAINER HALE RD SCHERTZ TX 78154
2	GROVE JORDAN JOHN AND GROVE NICLOE CHERI	14678 SCHMIDT CRAFT LN SCHERTZ TX 78154
3	HIME LIVING TRUST DTD 7 25 2017	JONATHON K AND ANNIE HIME TRUSTEES 26034 BIG CYPRESS SAN ANTONIO TX 78261
4	BRIEDEN KENNETH D AND CONNIE	3204 BOLTON RD MARION TX 78124
5	VIVID PROPERTIES LLC	3230 BOLTON ROAD MARION TX 78124
6	IKON TRAILERS AND EQUIPMENT LLC	13789 W INTERSTATE 10 MARION TX 78124
7	BARRIV PROPERTIES LLC	306 SEA WILLOW DR MARION TX 78124
8	BARBER BARBARA SUE	350 SEA WILLOW DR MARION TX 78124
9	RAY JERRY H	410 SEA WILLOW DR MARION TX 78124
10	VINER SHARON ELAINE	520 SEA WILLOW DR MARION TX 78124
11	KIRSTEIN MARK A	540 SEA WILLOW MARION TX 78124
12	MC LEAN KAREN L	560 SEA WILLOW DR MARION TX 78124
13	CELOVSKY DOUGLAS GRAY	MARSHALL O AND CATHERINE M TAYLOR LIFE ESTATE 636 SEA WILLOW DRIVE MARION TX 78124
14	NULL	NULL
15	FOSDICK KERSTIN L	802 SEA WILLOW DR MARION TX 78124
16	FOSDICK JOHN P AND KERSTIN L	802 SEA WILLOW DR MARION TX 78124
17	KIRSTEIN RITA J	856 SEA WILLOW DR MARION TX 78124
18	BROWN ARLENE G AND LEROY C	6690 FM 2538 MARION TX 78124
19	LUENSMANN GARY L AND	KIRSTEN J 6710 FM 2538 MARION TX 78124
20	HILD JAMES A	6740 FM 2538 MARION TX 78124

ATTACHMENT M.2

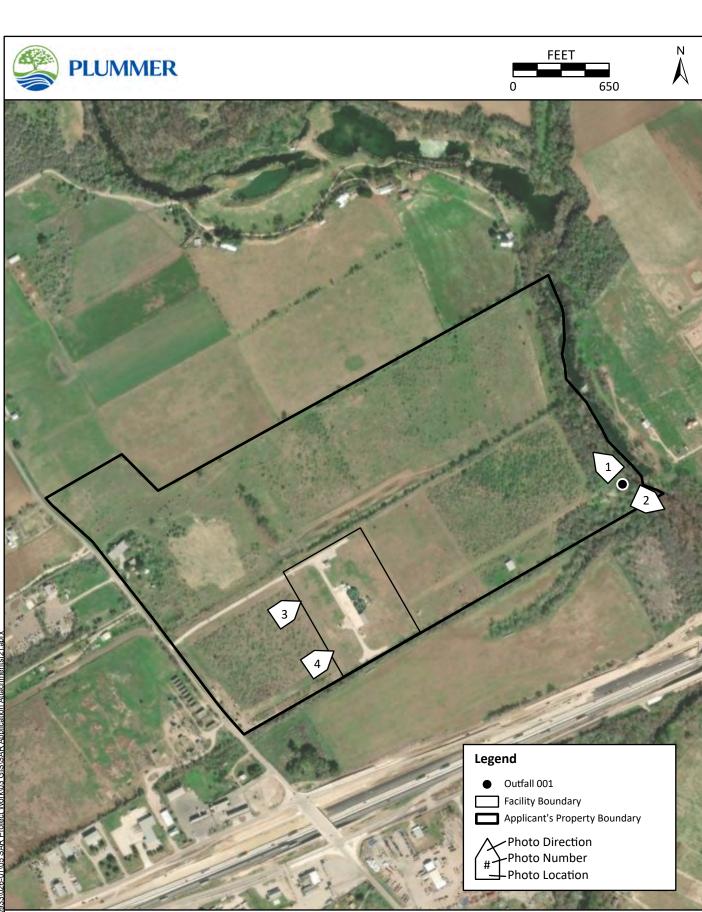
CIBOLO CREEK MUNICIPAL AUTHORITY

SOUTH REGIONAL WATER RECLAMATION PLANT

TPDES PERMIT MAJOR AMENDMENT WITH RENEWAL APPLICATION AFFECTED LANDOWNERS LIST

Map ID	Owner Name	Mailing Address
21	HILD JAMES A AND MELISSA	6740 FM 2538 MARION TX 78124
22	HILD MARJORIE	6930 FM 2538 MARION TX 78124
23	PIEGZA ROBERT J AND GERALDINE	7010 FM 2538 MARION TX 78124
24	PAVLAS LEO J	PO BOX 34327 SAN ANTONIO TX 78265
25	NICHOLS BURTON K	14698 E INTERSTATE 10 MARION TX 78124
26	GEKKO INTERNATIONAL LLC	24165 IH 10 WEST #217 SAN ANTONIO TX 78257
27	SUN DEVELOPMENT LP	8550 TECHNOLOGY FOREST PL THE WOODLANDS TX 77381
28	H O W FOUNDATION	7495 TRAINER HALE RD SCHERTZ TX 78154
29	HUNTER MICHAEL A	7681 TRAINER HALE RD SCHERTZ TX 78154
30	MOORE CRAIG	7703 TRAINER HALE RD SCHERTZ TX 78154
31	MARTINEZ RAUL	3603 MELODY FLDS CONVERSE TX 78109
32	JARZOMBEK BERNICE E	13880 DUSTY FLDS SCHERTZ TX 78154
33	WHITTIER VICTORIA	13868 DUSTY FLDS SCHERTZ TX 78154
34	MONTOYA JUAN AND CLAUDIA LEON	26319 TUSCAN MEADOW SAN ANTONIO TX 78261
35	VRANA JOE J AND JEANETTE	13915 DUSTY FLDS SCHERTZ TX 78154
36	CARTER ROCKIE AND LASHANDA	7783 TRAINER HALE RD SCHERTZ TX 78154
37	RAWE REAGAN AND JEANNE	7993 TRAINER HALE RD UNIT 4 SCHERTZ TX 78154

Enclosure N
Attachment N – Original Photographs



Note: See Attachment N.2 for crossreferenced original photographs.

ATTACHMENT N.1
CIBOLO CREEK MUNICIPAL AUTHORITY
SOUTH REGIONAL WATER RECLAMATION PLANT
TPDES PERMIT MAJOR AMENDMENT WITH RENEWAL APPLICATION
ORIGINAL PHOTOGRAPHS MAP

TEXAS REGISTERED ENGINEERING FIRM F-13



Photo 1: Upstream of Outfall 001, facing northwest.

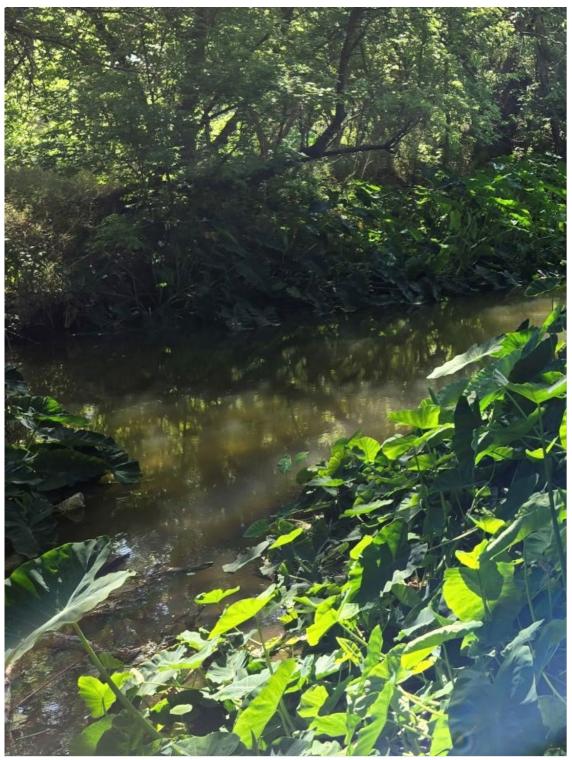


Photo 2: Downstream of Outfall 001, facing southeast.



Photo 3: Proposed treatment unit location, facing northeast.



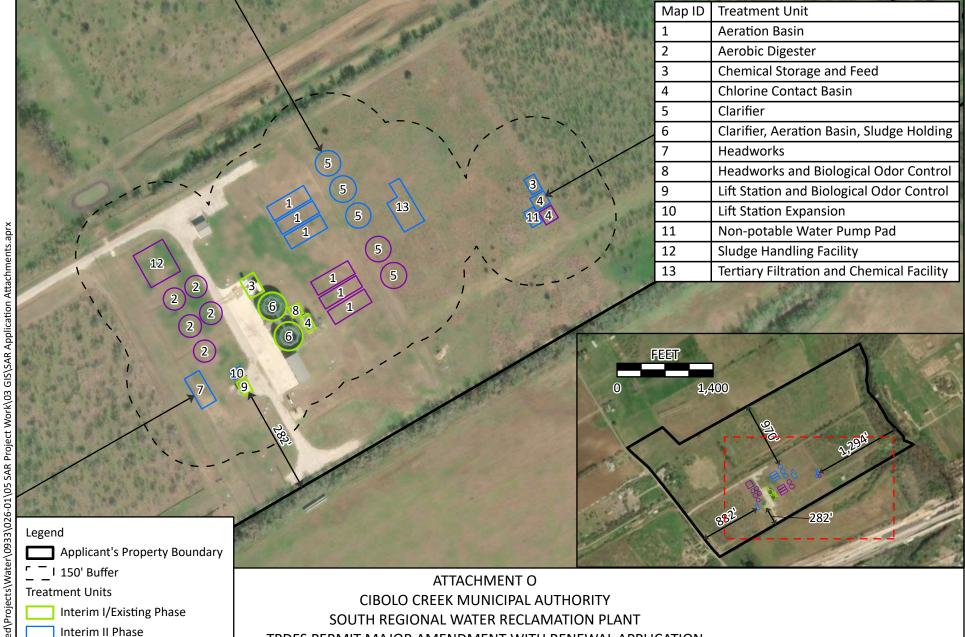
Photo 4: Proposed treatment unit location, facing northeast.

Enclosure O
Attachment O – Buffer Zone Map









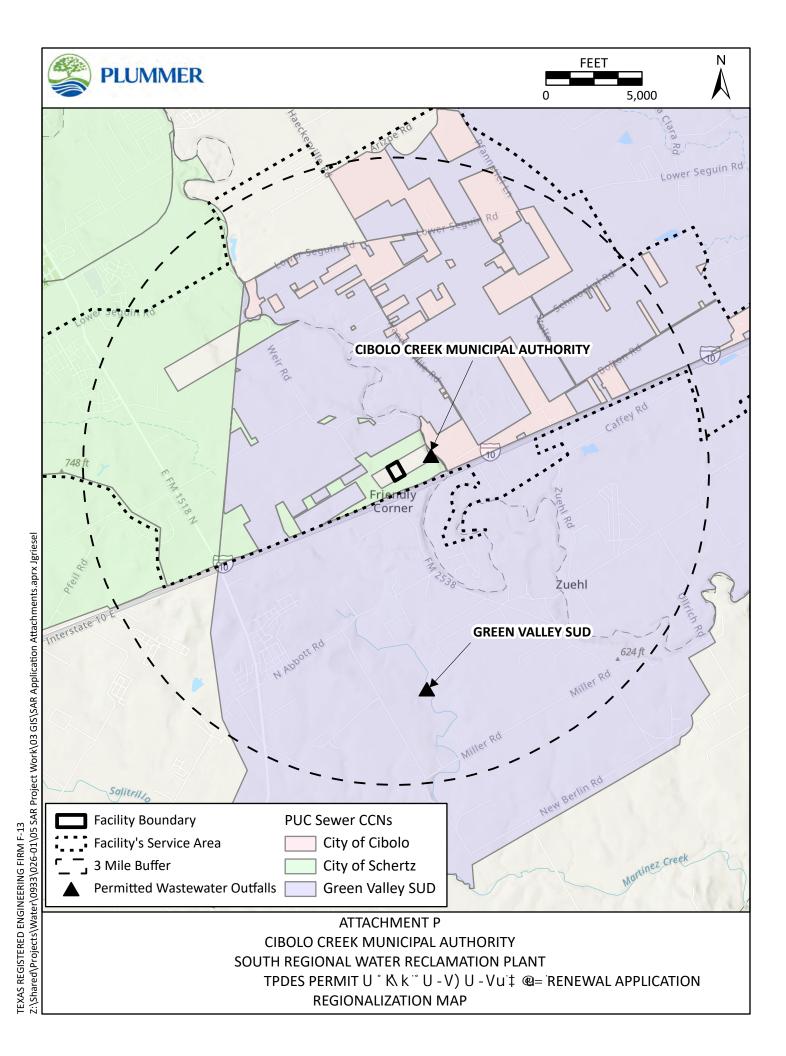
TPDES PERMIT MAJOR AMENDMENT WITH RENEWAL APPLICATION

BUFFER ZONE MAP

TEXAS REGISTERED ENGINEERING FIRM F-13 Z:\Shared\Projects\Water\0933\026-01\05 SAR Project Work\03 GIS\SAR A_F

Final Phase

Enclosure P
Attachment P – Regionalization Map



Enclosure Q
Attachment Q – Design Calculations

ATTACHMENT Q

CIBOLO CREEK MUNICIPAL AUTHORITY SOUTH REGIONAL WATER RECLAMATION PLANT TPDES PERMIT MAJOR AMENDMENT WITH RENEWAL APPLICATION DESIGN CALCULATIONS

All phases of the treatment facility will be designed according to the requirements of 30 TAC Chapter 217 (Design Criteria for Domestic Wastewater Systems)

<u>Influent Wastewater Quality Characteristics</u> – The raw sewage characteristics used for design purposes are as follows:

Parameter	Concentration
BOD ₅	350 mg/L
TSS	250 mg/L
NH ₃ -N	45 mg/L
TP	6 mg/L

<u>Flow Characteristics</u> – The Facility process and hydraulic design flows are as follows:

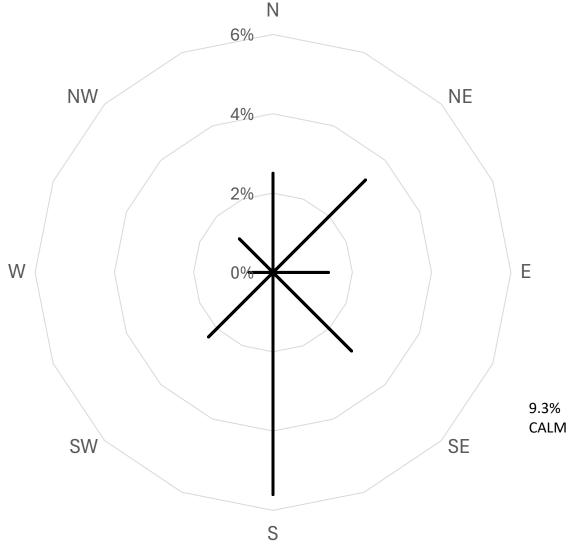
Flow	Gallons Per Day	Gallons Per Minute
Average Daily Flow (Qavg)	6,000,000	4,168
Peak 2-Hour Flow (Qpk)	14,250,000	9,896

Loading	Pounds Per Day
BOD ₅	17,514
TSS	29,711

<u>Process Design</u> – The treatment facility will be designed to produce an effluent quality that complies with the proposed permitted parameters:

Flow	Season	Limits - CBOD ₅ /NH ₃ -N/DO (mg/L)
0.5 MGD	Summer (Apr-Oct)	10/3/4
	Winter (Nov-Mar)	10/4/4
3.0 MGD	Summer (Apr-Oct)	7/2/6
	Winter (Nov-Mar)	10/3/6
6.0 MGD	Summer (Apr-Oct)	7/2/6
	Winter (Nov-Mar)	10/2/6

Enclosure R
Attachment R – Wind Rose



FREQUENCY OF WIND DIRECTION

PREVAILING WINDS FOR NEW BRAUNFELS MUNICIPAL AP (TX)

SOURCE: MIDWESTERN REGIONAL CLIMATE CENTER

ATTACHMENT R
CIBOLO CREEK MUNICIPAL AUTHORITY
SOUTH REGIONAL WATER RECLAMATION PLANT
TPDES PERMIT MAJOR AMENDMENT WITH RENEWAL APPLICATION
WIND ROSE

Enclosure S
Attachment S – Sewage Solids Management Plan

ATTACHMENT S

CIBOLO CREEK MUNICIPAL AUTHORITY SOUTH REGIONAL WATER RECLAMATION PLANT TPDES PERMIT MAJOR AMMENDMENT APPLICATION SOLIDS MANAGEMENT PLAN

FINAL PHASE

CBOD₅ Removal:

 $\begin{array}{ll} \text{Influent CBOD}_5 & 350 \text{ mg/L} \\ \text{Effluent CBOD}_5 & 10 \text{ mg/L} \\ \text{Net Removal} & 340 \text{ mg/L} \\ \text{Design Flow} & 6.0 \text{ MGD} \\ \end{array}$

Solids Generated:

	Percentage of Design Flow			
	100%	75%	50%	25%
Pounds CBOD₅/day removed	17,014	12,760	8,507	4,253
Pounds dry sludge/day produced ¹	17,694	13,271	8,847	4,424
Pounds wet sludge/day produced ²	1,179,610	884,707	589,805	294,902
Volume of wet sludge/day produced, gal ³	141,440	106,080	70,720	35,360

¹Assuming 1.04 lbs of dry sludge produced per pound of CBOD₅ removed

Sludge Disposal:

Solids are not processed at the South RWRP. The solids removed from the raw wastewater at the screens is placed in a dumpster, then transported to either a landfill or CCMA's Odo J. Riedel Regional Water Reclamation Plant (OJR RWRP). Waste activated sludge is removed from the final clarifiers and conveyed to an aerated sludge holding tank. Sludge from the holding tanks is transported by truck to a permitted off-site solids handling facility.

Sludge Storage

Tank Dimensions 74' dia x 11.3 SWD

No. of Tanks 2 Tank Volume, CF 97,199

% of Permitted Flow	<u>100%</u>	<u>75%</u>	<u>50%</u>	<u>25%</u>
Removal Schedule, days	5	6	10	20

Quantities of Sludge to be Removed:

The monthly sludge production is approximately 265 dry tons. Solids are weighed upon entry to the landfill.

²Assuming 1.5% solids product

³Assuming sludge density of 8.34 lbs/gallon



0933-026-01

June 13, 2025

Texas Commission on Environmental Quality Water Quality Division Municipal Permits Team MC-148 P.O. Box 13087 Austin, TX 78711

Re: Cibolo Creek Municipal Authority (CN600680805)

South Regional Water Reclamation Plant (RN107951964)

Application for a Major Amendment with Renewal of Texas Pollutant Discharge Elimination

System (TPDES) Permit No. WQ0015334001

To Whom It May Concern:

On behalf of Cibolo Creek Municipal Authority (CCMA), Plummer Associates, Inc. (Plummer) submits the following pollutant analysis data in accordance with Other Requirements No 7. of the above-mentioned permit. The South Regional Water Reclamation Plant began startup of the facility in March 2025. CCMA is required to submit pollutant analysis data within 120 days from the startup of the facility. The following enclosures are provided:

Enclosure A: Domestic Wastewater Permit Application Worksheet 4.0: Pollutant Analysis Requirements

Enclosure B: Pollutant Analysis of Treated Effluent – Laboratory Analysis Sheets

Please feel free to contact me at alewis@plummer.com or (512) 687-2154, if you have any questions regarding this submittal.

Sincerely,

PLUMMER

TBPE Firm Registration No. F-13

Ashley Lewis

Water Quality/Permitting Team Leader

Enclosures (2)

cc: Mr. Clint Ellis, CCMA, General Manager

Mr. Ryan Madsen, CCMA, Chief Financial Officer

Mr. Brandon Bradley, Utilities Director

Enclosure A Domestic Wastewater Permit Application Worksheet 4.0: Pollutant Analysis Requirements

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 4.0: POLLUTANT ANALYSIS REQUIREMENTS

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

This worksheet is not required minor amendments without renewal.

Section 1. Toxic Pollutants (Instructions Page 78)

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

Grab ⊠ Composite ⊠

Date and time sample(s) collected: See Enclosure B

Table 4.0(1) - Toxics Analysis

Pollutant	AVG Effluent Conc. (μg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (μg/l)
Acrylonitrile	<50	<50	1	50
Aldrin	<0.01	<0.01	1	0.01
Aluminum	820	820	1	2.5
Anthracene	<10	<10	1	10
Antimony	<5	<5	1	5
Arsenic	<0.5	<0.5	1	0.5
Barium	36	36	1	3
Benzene	<10	<10	1	10
Benzidine	<50	<50	1	50
Benzo(a)anthracene	<5	<5	1	5
Benzo(a)pyrene	<5	<5	1	5
Bis(2-chloroethyl)ether	<10	<10	1	10
Bis(2-ethylhexyl)phthalate	<10	<10	1	10
Bromodichloromethane	20.1	20.1	1	10
Bromoform	0.4	0.4	1	10
Cadmium	<1	<1	1	1
Carbon Tetrachloride	<2	<2	1	2
Carbaryl	<5	<5	1	5
Chlordane*	<0.2	<0.2	1	0.2
Chlorobenzene	<10	<10	1	10
Chlorodibromomethane	6.4	6.4	1	10

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (μg/l)
Chloroform	25.6	25.6	1	10
Chlorpyrifos	< 0.05	<0.05	1	0.05
Chromium (Total)	<3	<3	1	3
Chromium (Tri) (*1)	<3	<3	1	N/A
Chromium (Hex)	<3	<3	1	3
Copper	4	4	1	2
Chrysene	<5	<5	1	5
p-Chloro-m-Cresol	<10	<10	1	10
4,6-Dinitro-o-Cresol	<50	<50	1	50
p-Cresol	<10	<10	1	10
Cyanide (*2)	<10	<10	1	10
4,4'- DDD	<0.1	<0.1	1	0.1
4,4'- DDE	<0.1	<0.1	1	0.1
4,4'- DDT	<0.02	<0.02	1	0.02
2,4-D	<0.7	<0.7	1	0.7
Demeton (O and S)	<0.2	<0.2	1	0.20
Diazinon	<0.1	<0.1	1	0.5/0.1
1,2-Dibromoethane	<10	<10	1	10
m-Dichlorobenzene	<10	<10	1	10
o-Dichlorobenzene	<10	<10	1	10
p-Dichlorobenzene	<10	<10	1	10
3,3'-Dichlorobenzidine	<5	<5	1	5
1,2-Dichloroethane	<10	<10	1	10
1,1-Dichloroethylene	<10	<10	1	10
Dichloromethane	<20	<20	1	20
1,2-Dichloropropane	<10	<10	1	10
1,3-Dichloropropene	<10	<10	1	10
Dicofol	<1	<1	1	1
Dieldrin	<0.02	<0.02	1	0.02
2,4-Dimethylphenol	<10	<10	1	10
Di-n-Butyl Phthalate	<10	<10	1	10
Diuron	<0.09	<0.09	1	0.09
Endosulfan I (alpha)	<0.01	<0.01	1	0.01

Pollutant	AVG Effluent Conc. (μg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (μg/l)
Endosulfan II (beta)	<0.02	<0.02	1	0.02
Endosulfan Sulfate	<0.1	<0.1	1	0.1
Endrin	<0.02	<0.02	1	0.02
Ethylbenzene	<0.3	<0.3	1	10
Fluoride	<500	<500	1	500
Guthion	<0.1	<0.1	1	0.1
Heptachlor	<0.01	< 0.01	1	0.01
Heptachlor Epoxide	<0.01	< 0.01	1	0.01
Hexachlorobenzene	<5	<5	1	5
Hexachlorobutadiene	<10	<10	1	10
Hexachlorocyclohexane (alpha)	<0.05	<0.05	1	0.05
Hexachlorocyclohexane (beta)	<0.05	<0.05	1	0.05
gamma-Hexachlorocyclohexane	<0.05	<0.05	1	0.05
(Lindane)				
Hexachlorocyclopentadiene	<10	<10	1	10
Hexachloroethane	<20	<20	1	20
Hexachlorophene	<10	<10	1	10
Lead	0.5	0.5	1	0.5
Malathion	<0.1	<0.1	1	0.1
Mercury	< 0.005	< 0.005	1	0.005
Methoxychlor	<2	<2	1	2
Methyl Ethyl Ketone	<50	<50	1	50
Mirex	<0.02	<0.02	1	0.02
Nickel	2.0	2.0	1	2
Nitrate-Nitrogen	36,300	36,300	1	100
Nitrobenzene	<10	<10	1	10
N-Nitrosodiethylamine	<20	<20	1	20
N-Nitroso-di-n-Butylamine	<20	<20	1	20
Nonylphenol	<333	<333	1	333
Parathion (ethyl)	<0.01	<0.01	1	0.1
Pentachlorobenzene	<20	<20	1	20
Pentachlorophenol	<5	<5	1	5
Phenanthrene	<10	<10	1	10

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (μg/l)
Polychlorinated Biphenyls (PCB's) (*3)	<0.2	<0.2	1	0.2
Pyridine	<20	<20	1	20
Selenium	<5	<5	1	5
Silver	<0.5	<0.5	1	0.5
1,2,4,5-Tetrachlorobenzene	<20	<20	1	20
1,1,2,2-Tetrachloroethane	<10	<10	1	10
Tetrachloroethylene	<10	<10	1	10
Thallium	<0.5	<0.5	1	0.5
Toluene	<10	<10	1	10
Toxaphene	<0.3	<0.3	1	0.3
2,4,5-TP (Silvex)	<0.3	<0.3	1	0.3
Tributyltin (see instructions for explanation)	<0.01	<0.01	1	0.01
1,1,1-Trichloroethane	<10	<10	1	10
1,1,2-Trichloroethane	<10	<10	1	10
Trichloroethylene	<10	<10	1	10
2,4,5-Trichlorophenol	<50	<50	1	50
TTHM (Total Trihalomethanes)	52.5	52.5	1	10
Vinyl Chloride	<10	<10	1	10
Zinc	170	170	1	5

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

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

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

Section 2. Priority Pollutants

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

Grab ⊠ Composite ⊠

Date and time sample(s) collected: See Enclosure B

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

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (μg/l)
Antimony	<5	<5	1	5
Arsenic	<0.5	<0.5	1	0.5
Beryllium	<0.5	<0.5	1	0.5
Cadmium	<1	<1	1	1
Chromium (Total)	<3	<3	1	3
Chromium (Hex)	<3	<3	1	3
Chromium (Tri) (*1)	<3	<3	1	N/A
Copper	4	4	1	2
Lead	0.5	0.5	1	0.5
Mercury	<0.005	< 0.005	1	0.005
Nickel	2	2	1	2
Selenium	<5	<5	1	5
Silver	<0.5	<0.5	1	0.5
Thallium	<0.5	<0.5	1	0.5
Zinc	170	170	1	5
Cyanide (*2)	<10	<10	1	10
Phenols, Total	280	280	1	10

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

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

Table 4.0(2)B - Volatile Compounds

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (μg/l)
Acrolein	<50	<50	1	50
Acrylonitrile	<50	<50	1	50
Benzene	<10	<10	1	10
Bromoform	<10	<10	1	10
Carbon Tetrachloride	<2	<2	1	2
Chlorobenzene	<10	<10	1	10
Chlorodibromomethane	<10	<10	1	10
Chloroethane	<50	<50	1	50
2-Chloroethylvinyl Ether	<10	<10	1	10
Chloroform	25.6	25.6	1	10
Dichlorobromomethane [Bromodichloromethane]	20.1	20.1	1	10
1,1-Dichloroethane	<10	<10	1	10
1,2-Dichloroethane	<10	<10	1	10
1,1-Dichloroethylene	<10	<10	1	10
1,2-Dichloropropane	<10	<10	1	10
1,3-Dichloropropylene	<10	<10	1	10
[1,3-Dichloropropene]				
1,2-Trans-Dichloroethylene	<10	<10	1	10
Ethylbenzene	<10	<10	1	10
Methyl Bromide	<50	<50	1	50
Methyl Chloride	<50	<50	1	50
Methylene Chloride	<20	<20	1	20
1,1,2,2-Tetrachloroethane	<10	<10	1	10
Tetrachloroethylene	<10	<10	1	10
Toluene	<10	<10	1	10
1,1,1-Trichloroethane	<10	<10	1	10
1,1,2-Trichloroethane	<10	<10	1	10
Trichloroethylene	<10	<10	1	10
Vinyl Chloride	<10	<10	1	10

Table 4.0(2)C - Acid Compounds

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

Table 4.0(2)D - Base/Neutral Compounds

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

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

Table 4.0(2)E - Pesticides

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

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

Section 3. Dioxin/Furan Compounds

		te which of the following compounds from may be present in the influent from a buting industrial user or significant industrial user. Check all that apply.
		2,4,5-trichlorophenoxy acetic acid
		Common Name 2,4,5-T, CASRN 93-76-5
		2-(2,4,5-trichlorophenoxy) propanoic acid
		Common Name Silvex or 2,4,5-TP, CASRN 93-72-1
		2-(2,4,5-trichlorophenoxy) ethyl 2,2-dichloropropionate
		Common Name Erbon, CASRN 136-25-4
		0,0-dimethyl 0-(2,4,5-trichlorophenyl) phosphorothioate
		Common Name Ronnel, CASRN 299-84-3
		2,4,5-trichlorophenol
		Common Name TCP, CASRN 95-95-4
		hexachlorophene
		Common Name HCP, CASRN 70-30-4
		ch compound identified, provide a brief description of the conditions of its/their nce at the facility.
	<u>N/A</u>	
	N/A	
	N/A	
	N/A	
В.	Do yo	u know or have any reason to believe that 2,3,7,8 Tetrachlorodibenzo-P-Dioxin 0) or any congeners of TCDD may be present in your effluent?
В.	Do yo	
В.	Do yo (TCDI	O) or any congeners of TCDD may be present in your effluent?
В.	Do yo (TCDI	O) or any congeners of TCDD may be present in your effluent? Yes No
В.	Do yo (TCDI	O) or any congeners of TCDD may be present in your effluent? Yes No
В.	Do yo (TCDI	O) or any congeners of TCDD may be present in your effluent? Yes No

C.	If any of the compounds in Subsection A ${f or}$ B are present, complete Table 4.0(2)F.
	For pollutants identified in Table 4.0(2)F, indicate the type of sample.

Grab □ Composite □

Date and time sample(s) collected: $\underline{N/A}$

Table 4.0(2)F - Dioxin/Furan Compounds

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

Enclosure B Pollutant Analysis of Treated Effluent – Laboratory Analysis Sheers



Report of Sample Analysis

Sample Information

David Humphrey
Cibolo Creek Municipal Authority
P.O. Box 930
Schertz, TX 78154

Project Name: South Plant Sample ID: Effluent

Matrix: Non-Potable Water

Date/Time Taken: 5/13/2025 1200

PCS Sample #: 801345 Page 1 of 4 Date/Time Received: 5/13/2025 13:49

Laboratory Information

Report Date: 6/3/2025

Approved by: _____

Test Description	Result	Units	RL	Analysis Date/Time	Method	Analyst
Nitrate-N_IC	36.3	mg/L	0.2	05/14/2025 07:25	EPA 300.0	JAS
Fluoride_IC	< 0.2	mg/L	0.20	05/14/2025 07:25	EPA 300.0	JAS
Arsenic/ICP MS	< 0.0005	mg/L	0.0005	05/28/2025 14:23	EPA 200.8	DJL
Barium/ICP (Total)	0.036	mg/L	0.003	05/21/2025 10:25	EPA 200.7 / 6010 B	DJL
Cadmium/ICP (Total)	< 0.001	mg/L	0.001	05/21/2025 10:25	EPA 200.7 / 6010 B	DJL
Chromium/ICP (Total)	< 0.003	mg/L	0.003	05/21/2025 10:25	EPA 200.7 / 6010 B	DJL
Copper/ICP (Total)	0.004	mg/L	0.002	05/21/2025 10:25	EPA 200.7 / 6010 B	DJL
Lead/ICP MS	0.0005	mg/L	0.0005	05/28/2025 14:23	EPA 200.8	DJL

		Quality As	surance Sumn	nary				1000	
Test Description	Precision	Limit	LCL	MS	MSD	UCL	LCS	LCS Limit	Blank
Nitrate-N_IC	1	20	70	98	99	130	100	85 - 115	
Fluoride_IC	1	10	87	96	97	105	97	85 - 115	
Arsenic/ICP MS	<1	20	70	104	103	130	101	85 - 115	
Barium/ICP (Total)	2	20	75	92	90	125	100	85 - 115	
Cadmium/ICP (Total)	3	20	75	98	95	125	100	85 - 115	
Chromium/ICP (Total)	3	20	75	96	93	125	100	85 - 115	
Copper/ICP (Total)	2	20	75	100	98	125	100	85 - 115	-
Lead/ICP MS	<1	20	70	95	95	130	104	85 - 115	

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

These analytical results relate only to the sample tested.

All data is reported on an 'As Is' basis unless designated as 'Dry Wt'.

RL = Reporting Limits



Report of Sample Analysis

Client Information	Sample Information	Laboratory Information				
David Humphrey Cibolo Creek Municipal Authority P.O. Box 930 Schertz, TX 78154	Project Name: South Plant Sample ID: Effluent Matrix: Non-Potable Water Date/Time Taken: 5/13/2025 1200	PCS Sample #: 801345 Page 2 of 4 Date/Time Received: 5/13/2025 13:49 Report Date: 6/3/2025				

Test Description	Result	Units	RL	Anal	ysis Dat	e/Time	Meth	od	Analyst	
Aluminum/ICP (Total)	0.820	mg/L	0.0025	05/2	1/2025	10:25	EPA 200	0.7 / 6010 B	DJL	
Beryllium/ICP (Total)	< 0.0005	mg/L	0.0005	05/2	21/2025	10:25	EPA 20	0.7 / 6010 B	DJL	
Trivalent Chromium	< 0.003	mg/L	N/A	05/2	1/2025	10:25	Calculat	ion	DJL	
Hexavalent Chrome	< 0.003	mg/L	0.003	05/1	4/2025	06:05	SM 350	0-Cr B	DJL	
Nickel/ICP (Total)	0.002	mg/L	0.002	05/2	1/2025	10:25	EPA 20	0.7 / 6010 B	DJL	
Zinc/ICP (Total)	0.170	mg/L	0.005	05/2	1/2025	10:25	EPA 20	0.7 / 6010 B	DJL	
Antimony/ICP MS	< 0.005	mg/L	0.005	05/2	28/2025	14:23	EPA 20	0.8	DJL	
Thallium/ICP MS	< 0.0005	mg/L	0.0005	05/2	28/2025	14:23	EPA 200	0.8	DJL	
Test Description	Precision	Quality As Limit	ssurance Summ LCL	ary MS	MSD	UCL	LCS	LCS Limit	Blank	
Aluminum/ICP (Total)	<1	20	75	105	105	125	100	85 - 115		
Beryllium/ICP (Total)	2	20	75	100	98	125	100	85 - 115		
Trivolent Chromium	N/A	NI/A	NI/A			NI/A				

		Quanty Assurance Summary							
Test Description	Precision	Limit	LCL	MS	MSD	UCL	LCS	LCS Limit	Blank
Aluminum/ICP (Total)	<1	20	75	105	105	125	100	85 - 115	
Beryllium/ICP (Total)	2	20	75	100	98	125	100	85 - 115	
Trivalent Chromium	N/A	N/A	N/A			N/A			
Hexavalent Chrome	<1	20	75	102	102	125	101	85 - 115	
Nickel/ICP (Total)	4	20	75	93	89	125	100	85 - 115	
Zinc/ICP (Total)	<1	20	75	98	98	125	100	85 - 115	
Antimony/ICP MS	<1	20	70	104	105	130	100	85 - 115	
Thallium/ICP MS	<1	20	70	96	95	130	106	85 - 115	

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

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

www.pcslab.net chuck@pcslab.net 1532 Universal City Blvd Universal City, TX 78148-3318 Main: 210-340-0343 Fax: 210-658-7903



Report of Sample Analysis

Client Information	Sample Information	Laboratory Information
David Humphrey Cibolo Creek Municipal Authority P.O. Box 930 Schertz, TX 78154	Project Name: South Plant Sample ID: Effluent Matrix: Non-Potable Water Date/Time Taken: 5/13/2025 1200	PCS Sample #: 801345 Page 3 of 4 Date/Time Received: 5/13/2025 13:49 Report Date: 6/3/2025

Test Description	Result	Units	RL	Analysis	Date/Ti	me	Meth	od	Analyst	
Selenium/ICP MS	< 0.005	mg/L	0.005	05/28/20	25 14:23	3	EPA 20	0.8	DJL	
Silver/ICP MS	< 0.0005	mg/L	0.0005	05/28/20	25 14:23	3	EPA 20	0.8	DJL	
Pesticides 617	Se	e Attached	i				DHL			_
604.1 Hexachlorophene	Se	e Attached	i				DHL			
Semi Volatiles 625	Se		DHL							
Pesticides 608	Se	e Attached	i	_			DHL			
Pesticides 632	Se	e Attached	1				DHL			
Pesticide 1657	Se	e Attached	1				DHL			
Test Description	Precision	Quality As Limit	surance Summ LCL	MS M	ISD U	JCL	LCS	LCS Limit	Blank	7-11-1
Selenium/ICP MS	1	20	70	105	04	130	101	85 - 115		

Test Description	Precision	Limit As	LCL	MS	MSD	UCL	LCS	LCS Limit	Blank
Selenium/ICP MS	1	20	70	105	104	130	101	85 - 115	
Silver/ICP MS	1	20	70	86	87	130	99	85 - 115	
Pesticides 617	See Attacl	ned Repor	t for Quali	ty Assura	nce Inforn	nation			
604.1 Hexachlorophene	See Attached Report for Quality Assurance Information								
Semi Volatiles 625	See Attack	ned Repor	t for Quali	ty Assura	nce Inforn	nation			
Pesticides 608	See Attack	ned Repor	t for Quali	ty Assura	nce Inform	nation			
Pesticides 632	See Attack	ned Repor	t for Quali	ty Assura	nce Inform	nation			
Pesticide 1657	See Attack	ned Repor	t for Quali	ty Assura	nce Inform	nation			

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

These analytical results relate only to the sample tested.

All data is reported on an 'As Is' basis unless designated as 'Dry Wt'.

RL = Reporting Limits



Report of Sample Analysis

Client Information	Sample Information	Laboratory Information
David Humphrey Cibolo Creek Municipal Authority P.O. Box 930 Schertz, TX 78154	Project Name: South Plant Sample ID: Effluent Matrix: Non-Potable Water Date/Time Taken: 5/13/2025 1200	PCS Sample #: 801345 Page 4 of 4 Date/Time Received: 5/13/2025 13:49 Report Date: 6/3/2025

Result Units RL	Analysis Date/Time Method	Analyst
See Attached	SPL	

	Quality	Assurance Sum	mary						
Test Description	Precision Limit	LCL	MS	MSD	UCL	LCS	LCS Limit	Blank	
YI 1: 11 (15	0 44 1 10	/ C O 1	4 A	I.C.					

Herbicides 615

See Attached Report for Quality Assurance Information

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

These analytical results relate only to the sample tested.

All data is reported on an 'As Is' basis unless designated as 'Dry Wt'.

RL = Reporting Limits



Report of Sample Analysis

Client Information	Sample Information	Laboratory Information
David Humphrey Cibolo Creek Municipal Authority P.O. Box 930 Schertz, TX 78154	Project Name: South Plant Sample ID: Effluent Matrix: Non-Potable Water Date/Time Taken: 5/13/2025 1230	PCS Sample #: 801346 Page 1 of 1 Date/Time Received: 5/13/2025 13:49 Report Date: 5/22/2025 Approved by: Chuck Wallgren, President

Test Description	Flag	Result	Units	RL	Analysis Date/Time	Method	Analyst
Phenols		See Attached				SPL	
Cyanide, Amenable	+	See Attached				DHL	
Volatiles 624		See Attached				DHL	

Quality Statement: All supporting quality data adhered to data quality objectives and test results meet the requirements of NELAC unless otherwise noted as flagged exceptions or in a case narrative attachment. Reports with full quality data deliverables are available on request. + Subcontract Work - NELAP Certified Lab These analytical results relate only to the sample tested.

All data is reported on an 'As Is' basis unless designated as 'Dry Wt'. RL = Reporting Limits

Web Site: www.pcslab.net eMail: chuck@pcslab.net



Report of Sample Analysis

Client Information	Sample Information	Laboratory Information
David Humphrey Cibolo Creek Municipal Authority P.O. Box 930 Schertz, TX 78154	Project Name: South Plant Sample ID: Effluent Matrix: Non-Potable Water Date/Time Taken: 5/13/2025 1235	PCS Sample #: 801347 Page 1 of 1 Date/Time Received: 5/13/2025 13:49 Report Date: 5/30/2025 Approved by: Chuck Wallgren, President

Test Description	Result	Units	RL	Analysis Date/Time	Method	Analyst
Mercury/CVAFS	< 0.000005	mg/L	0.000005	05/30/2025 11:28	EPA 245.7	DJL

		Quality As	surance Sum	nary						
Test Description	Precision	Limit	LCL	MS	MSD	UCL	LCS	LCS Limit	Blank	Serving .
Mercury/CVAFS	7	20	70	100	109	130	104	70 - 130	<1.8ng/L	

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

These analytical results relate only to the sample tested.

All data is reported on an 'As Is' basis unless designated as 'Dry Wt'.

RL = Reporting Limits

Chain of Custody Number

801345

MULTIPLE SAMPLE ANALYSIS REQUEST	AND CHAIN OF CUSTODY FORM	
----------------------------------	---------------------------	--

Stamp 1st sample and COC as same number

							REPORT INFORMATION													
Name: Cibolo Creek Municipal Authority						ention:	Davi	id H	umphrey	Phone: (210) 658-6243				Fax:						
SAMPLE INFORMATIO	N								1	Requested Analysis										
Project Information: Collected By: Ge				orge Vangelakos / Ryan Lewis					57,				(Dist)	Hg	Instruction:		nts: ı, Ni, SbMS,			
South Plant				Matrix Container			ا ا		Pest 1657, 625				👸	I I			gMS, TIMS			
Report "Soils" 🗆 As Is 🗆 Dry V			Field Chlorine Residual mg/L	te or	DW-Drink Water; NP	W-Non-		er		NO3N, F	*	rb 615, P SVOC 6		624		1 (1	Level			
	Colle	cted	Chl	isoc	potable wa WW-Wast		Type	Number	Preservative	riCr,]	als	x, Hei 632,		9	A	ដូ	V.			
Client / Field Sample ID	Date	Time		Com	LW-Liqui	d Waste	1			Hencr, Tricr, NO3N, F	Metals*	604.1 Hex, Herb 615, 608, 617, 632, SVOC		VOC	CN-A	Phenol	Low	PCS S	ample N	lumber
Effluent	Start: 05.12.25	Start: 1200		■ C	DW DW W	NPW Soil	⊡P ⊡G		☐ H ₂ SO ₄ ☐ HNO ₃ ☐ H ₃ PO ₄ ☐ NaOH		\vee							8.0	134	. 5
	Eng: 12-25	Enu: 12 00		∐G	☐ Sludge ☐ Other	□LW	1 0	11	☐ ICE ☐		\wedge							□s □B ÀN I		
Effluent	Start: 05:13.25	Start: /230 End: /230		■G	DW WW Sludge	NPW Soil LW	□P □G □O	10	□ H ₂ SO ₄ □ HNO ₃ □ H ₃ PO ₄ □ NaOH □ ICE □					X	\times	X		8 0	1 3 HEM Other	4 6
Effluent	05.13.25	1235		□с	Other DW WW Sludge	Soil	□P □G □O		□H ₂ SO ₄ □HNO ₃ □H ₃ PO ₄ □NaOH □ICE □								$\overline{\times}$	8 0	113	47
	05.13.25	1235			Other				□H₂SO₄□HNO₃				_				$\overline{}$		JHEM Other	
	Start:	Start: End:		□c □G	□ DW □ □ WW □ □ Sludge	Soil	□P □G		□H₃PO₄ □ NaOH				1							
	End:	Ena:			☐ Other		□ 0	-	□ICE □										HEM Other	r:
	Start:	Start:		□c	DW DW W	Soil	□P □G		□H ₂ SO ₄ □HNO ₃ □H ₃ PO ₄ □NaOH											
	End:	End:		□G	☐ Sludge ☐ Other		□ 0		DICE D										HEM Other	г
	Start:	Start:		□c	DW D	Soil	□P □G		□ H ₂ SO ₄ □ HNO ₃ □ H ₃ PO ₄ □ NaOH											
	End:	End:		∏G	☐ Sludge ☐ Other		V 00	JO	□ICE □										HEM Other	r:
	Start:	Start:		□c □c	DW D	Soil	□P □G		□ H ₂ SO ₄ □ HNO ₃ □ H ₃ PO ₄ □ NaOH											
	End:	End:		□G	☐ Sludge ☐ Other		_ 0		□ICE □										HEM Other	r:
	Start:	Start:		□c □c		Soil	□P □G □O		\square H ₂ SO ₄ \square HNO ₃ \square H ₃ PO ₄ \square NaOH											
		☐ Sludge ☐ Other	□rw	0 0		DICE D										THEM Other	r:			
Required Turnaround: X R	Loutine (6-10 day	rs) EXPEDI	<i>TE</i> : (S	ee Surcl	harge Sche	edule)	□ <	8 Hrs	. □ < 16 Hrs. □ < 24 Hr	s. 🗆 5	days	☐ Othe	г:		Rush (Charges	Auth	orized by:		
Sample Archive/Disposal: Laboratory Standard Hold for client pick up						_		pe: P = Plastic, G = Glass,	0 = 0	Other				Carrier ID:						
	mzelaki	y .	Date	: 51	13/25	Time:	1	349				. 1				Date	_		Time:	
Relinquished By: Rev. Multiple Sample COC 20180628	U		Date	:		Time:			Received By:	we	1gu	ler	_	_		Date	15	13-25	Time:	349

1. 2 3

POLLUTION CONTROL SERVICES

1532 Universal City Blvd, Suite 100
Universal City, TX 78148-3318
Facsimilie 210.658.7903
210.340.0343

TO: S	PL·LAB Cor	р	Rel	inquished by: Laure	en Clay	OFFDEX
2	600 Dudley F	Road		Date/Time: 05/30		
K	ilgore, TX 7:	5662		Received by:	/2025 @ 1500 ✓ fren	FEOFY.
_				Date/Time: 5/14	175 5020	
	_		Analysis			
PCS#	Date 05/13/2025	Time	Requested	A 11: 2 =	Pres	T. A. T
801345	05/13/2025	1200	Herbicides 615	2403118	Ice	Std
301346	05/13/2025	1230	Phenols	+ 119	H ₂ SO ₄	Std
4			_			
	4-/Ci-1 I					
ommen	ts/Special In:	structions	:			
				×11-41	(4)	
nless o	therwise requ	iested, sei	nd results and invo	pice to:	- N N	
Cł	uck Wallgre	n				
	llution Contr					
	32 Universal					
Ur	niversal City,	TX 7814	48-3318			
Authori	zad by:	⊀	Clare	Onta:	5.13.29	<u> </u>
LULLIOIT	zeu by.	Illu	- July	Date.	0112	



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PCSL-C

Pollution Control Services Laboratories Chuck Wallgren 1532 Universal City Blvd. Suite 100 Universal City, TX 78148 Printed

05/22/2025 13:53

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1147405_r10_05_ProjectQC	SPL Kilgore Project P:1147405 C:PCSL Project Quality Control Groups	2
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Email: Kilgore.ProjectManagement@spllabs.com



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SAMPLE CROSS REFERENCE



Printed

5/22/2025

Page 1 of 1

Pollution Control Services Laboratories Chuck Wallgren

1532 Universal City Blvd.
Suite 100
Universal City, TX 78148

Sample	Sample ID	Taken	Time	Received
2408118	801345	05/13/2025	12:00:00	05/14/2025

Bottle 01 Client supplied glass

Bottle 02 Prepared Bottle: 2 mL Autosampler Vial (Batch 1175920) Volume: 10.00000 mL <= Derived from 01 (957 ml)

	Method EPA 615	Bottle 02	PrepSet 1175920	Preparation 05/19/2025	QcGroup 1176453	Analytical 05/21/2025
Sample	Sample ID	Taken	Time		Received	
2408119	801346	05/13/2025	12:30:00		05/14/2025	

Bottle 01 Client supplied H2SO4 Amber Glass

Bottle 02 Prepared Bottle: Phenol TRAACS Autosampler Vial (Batch 1175835) Volume: 6.00000 mL <= Derived from 01 (6 ml)

Method	Bottle	PrepSet	Preparation	QcGroup	Analytical
EPA 420.4 1	02	1175835	05/19/2025	1176221	05/20/2025

Email: Kilgore.ProjectManagement@spllabs.com

Report Page 2 of 9

Office: 903-984-0551 * Fax: 903-984-5914



PCSL-C

Pollution Control Services Laboratories Chuck Wallgren 1532 Universal City Blvd. Suite 100 Universal City, TX 78148



Printed:

05/22/2025

RESULTS

		Sample Results				
2408118 801345 Non-Potable Water	Collected by: Client Taken: 05/13/2025	Pollution Control Se 12:00:00		PO:	Received:	05/14/2025
EPA 615	Prepared:	1175920 05/19/2025	12:55:00	Analyzed 1176453	05/21/2025	15:59:00 KAF
Parameter NELAC 2,4 Dichlorophenoxyacetic acid NELAC 2,4,5-TP (Silvex)	Results <0.522 <0.300	Units RL ug/L 0.522 ug/L 0.300		Flags	CAS 94-75-7 93-72-1	Bottle 02 02
2408119 801346 Non-Potable Water	Collected by: Client Taken: 05/13/2025	Pollution Control Se 12:30:00		PO:	Received:	05/14/2025
EPA 420.4 I	Prepared:	1175835 05/19/2025	07:29:35	Analyzed 1176221	05/20/2025	13:42:00 MEG
Parameter NELAC Phenolics, Total Recoverable	Results 0.028	Units RL mg/L 0.005		Flags	CAS	Bottle 02
	S	ample Preparation				
2408118 801345					Received:	05/14/2025
	05/13/2025					
EPA 615	Prepared:	1175920 05/19/2025	12:55:00	Analyzed 1175920	05/19/2025	12:55:00 MC
NELAC Esterification of Sample	10/957	ml				01



Report Page 3 of 9

Office: 903-984-0551 * Fax: 903-984-5914



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PCSL-C

Pollution Control Services Laboratories Chuck Wallgren 1532 Universal City Blvd. Suite 100 Universal City, TX 78148



05/22/2025

2408118 801345 05/14/2025 Received:

05/13/2025

EPA 615 Analyzed 1176453 05/21/2025 Prepared: 1175920 05/19/2025 12:55:00 15:59:00 KAP Herbicides by GC Entered 02 NELAC

2408119 801346 05/14/2025 Received:

05/13/2025

EPA 420,4 1 Prepared: 1175835 05/19/2025 07-29-35 Analyzed 1175835 05/19/2025 07:29:35 MEG

Phenol Distillation 6/6 ml 01

Qualifiers

We report results on an As Received (or Wet) basis unless marked Dry Weight.

Unless otherwise noted, testing was performed at SPL, Inc.- Kilgore laboratory which holds International, Federal, and state accreditations. Please see our Websites for details.

(N)ELAC - Covered in our NELAC scope of accreditation z -- Not covered by our NELAC scope of accreditation

These analytical results relate to the sample tested. This report may NOT be reproduced EXCEPT in FULL without written approval of SPL Kilgore. Unless otherwise specified, these test results meet the requirements of NELAC.

 $RL\ is\ the\ Reporting\ Limit\ (sample\ specific\ quantitation\ limit)\ and\ is\ at\ or\ above\ the\ Method\ Detection\ Limit\ (MDL).\ CAS\ is\ Chemical\ CAS\ is\$ Abstract Service number. RL is our Reporting Limit, or Minimum Quantitation Level. The RL takes into account the Instrument Detection Limit (IDL), Method Detection Limit (MDL), and Practical Quantitation Limit (PQL), and any dilutions and/or concentrations performed during sample preparation (EQL). Our analytical result must be above this RL before we report a value in the 'Results' column of our report (without a '!' flag). Otherwise, we report ND (Not Detected above RL), because the result is "<" (less than) the number in the RL column. MAL is Minimum Analytical Level and is typically from regulatory agencies. Unless we report a result in the result column, or interferences prevent it, we work to have our RL at or below the MAL.



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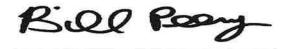
Project 1147405

Printed:

05/22/2025

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Bill Peery, MS, VP Technical Services



Report Page 5 of 9

QUALITY CONTROL



PCSL-C

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Printed 05/22/2025

	148							Printed	00/12/201		
Analytical Set	1176221									EPA	420.4
				В	lank						
Parameter Parameter	PrepSet	Reading	MDL	MQL	Units			File			
Phenolics, Total Recoverable	1175835	ND	0.003	0.005	mg/L			127623888			
				C	:cv						
Parameter		Reading	Known	Units	Recover%	Limits%		File			
Phenolics, Total Recoverable		0.206	0.200	mg/L	103	90.0 - 110		127623887			
Phenolics, Total Recoverable		0.218	0.200	mg/L	109	90.0 - 110		127623896			
Phenolics, Total Recoverable		0.211	0.200	mg/L	106	90.0 - 110		127623899			
				Dup	olicate						
Parameter Parameter	Sample		Result	Unknown	1		Unit		RPD		Limit?
Phenolics, Total Recoverable	2408097		2,60	2.68			mg/L		3.03		20.0
				j	cv						
Parameter		Reading	Кпошп	Units	Recover%	Limits%		File			
Phenolics, Total Recoverable		0.214	0.200	mg/L	107	90.0 - 110		127623886			
				LC	5 Dup						
Parameter	PrepSet	LCS	LCSD		Known	Limits%	LCS%	LCSD%	Units	RPD	Limit
Phenolics, Total Recoverable	1175835	0.210	0.216		0.200	90.0 - 110	105	108	mg/L	2,82	20.0
				Mat	. Spike				_		
Parameter	Sample	Spike	Unknown	Known	Units	Recovery %	Limits %	File			
	Sample 2408097	Spike 3.12	Unknown 2.68	Known 4.00	<i>Units</i> mg/ L	Recovery %	Limits % 90.0 - 110	File 127623893		•	
Phenolics, Total Recoverable	2408097										EPA 61
	_			4.00							EPA 61
Phenolics, Total Recoverable Analytical Set	2408097			4.00	mg/L						EPA 61
Phenolics, Total Recoverable Analytical Set Parameter	2408097 1176453	3.12	2.68	4.00 B	mg/L lank			127623893			EPA 61
Phenolics, Total Recoverable Analytical Set Parameter 2,4 Dichlorophenoxyacetic acid	2408097 1176453 PrepSet	3.12 Reading	2.68 MDL	4.00 B	mg/L lank Units			127623893 File			EPA 61
Phenolics, Total Recoverable Analytical Set Parameter 2,4 Dichlorophenoxyacetic acid	2408097 1176453 <i>PrepSet</i> 1175920	3.12 Reading ND	2.68 <i>MDL</i> 15.9	4.00 Bandler MQL 50.0 30.0	mg/L lank Units ug/L			127623893 File 127629120			EPA 61
Phenolics, Total Recoverable Analytical Set Parameter 2,4 Dichlorophenoxyacetic acid 2,4,5-TP (Silvex)	2408097 1176453 <i>PrepSet</i> 1175920	3.12 Reading ND	2.68 <i>MDL</i> 15.9	4.00 Bandler MQL 50.0 30.0	mg/L lank Units ug/L ug/L			127623893 File 127629120			EPA 61
Phenolics, Total Recoverable Analytical Set Parameter 2,4 Dichlorophenoxyacetic acid 2,4,5-TP (Silvex) Parameter	2408097 1176453 <i>PrepSet</i> 1175920	Reading ND ND	2.68 MDL 15.9 8.93	4.00 B MQL 50.0 30.0	mg/L Units ug/L ug/L	11.0		127623893 File 127629120 127629120			EPA 6
Phenolics, Total Recoverable Analytical Set Parameter 2,4 Dichlorophenoxyacetic acid 2,4,5-TP (Silvex) Parameter 2,4 Dichlorophenoxyacetic acid	2408097 1176453 <i>PrepSet</i> 1175920	Reading ND ND Reading	2.68 MDL 15.9 8.93	4.00 B MQL 50.0 30.0	mg/L Units ug/L ug/L CCV Recover%	11.0 Limits%		127623893 File 127629120 127629120 File			EPA 6
Phenolics, Total Recoverable Analytical Set Parameter 2,4 Dichlorophenoxyacetic acid 2,4,5-TP (Silvex) Parameter 2,4 Dichlorophenoxyacetic acid 2,4 Dichlorophenoxyacetic acid 2,4 Dichlorophenoxyacetic acid	2408097 1176453 <i>PrepSet</i> 1175920	Reading ND ND Reading 146	2.68 MDL 15.9 8.93 Known 150	4.00 MQL 50.0 30.0 Units ug/L	mg/L Units ug/L ug/L CCV Recover% 97.5	Limits% 80.0 - 115		File 127629120 127629120 File 127629119			EPA 6
Phenolics, Total Recoverable Analytical Set Parameter 2,4 Dichlorophenoxyacetic acid 2,4,5-TP (Silvex) Parameter 2,4 Dichlorophenoxyacetic acid 2,4 Dichlorophenoxyacetic acid 2,4,5-TP (Silvex)	2408097 1176453 <i>PrepSet</i> 1175920	Reading ND ND Reading 146 168	2.68 MDL 15.9 8.93 Known 150 150	4,00 MQL 50.0 30.0 Units ug/L ug/L	mg/L Units ug/L ug/L CCV Recover% 97.5 112	Limits% 80.0 - 115 80.0 - 115		File 127629120 127629120 File 127629119 127629124			EPA 6
Phenolics, Total Recoverable Analytical Set Parameter 2,4 Dichlorophenoxyacetic acid 2,4,5-TP (Silvex) Parameter 2,4 Dichlorophenoxyacetic acid 2,4 Dichlorophenoxyacetic acid 2,4,5-TP (Silvex)	2408097 1176453 <i>PrepSet</i> 1175920	Reading ND ND Reading 146 168 152	2,68 MDL 15.9 8.93 Known 150 150	MQL 50.0 30.0 Units ug/L ug/L ug/L	mg/L Units ug/L ug/L CCV Recover% 97.5 112 101	Limits% 80.0 - 115 80.0 - 115 80.0 - 115		File 127629120 127629120 File 127629119 127629124 127629119			EPA 6
Phenolics, Total Recoverable Analytical Set Parameter 2,4 Dichlorophenoxyacetic acid 2,4,5-TP (Silvex) Parameter 2,4 Dichlorophenoxyacetic acid 2,4 Dichlorophenoxyacetic acid 2,4,5-TP (Silvex) 2,4,5-TP (Silvex)	2408097 1176453 <i>PrepSet</i> 1175920	Reading ND ND Reading 146 168 152	2,68 MDL 15.9 8.93 Known 150 150	MQL 50.0 30.0 Units ug/L ug/L ug/L	mg/L Units ug/L ug/L CCV Recover% 97.5 112 101 111	Limits% 80.0 - 115 80.0 - 115 80.0 - 115		File 127629120 127629120 File 127629119 127629124 127629119	Units		
Phenolics, Total Recoverable Analytical Set Parameter 2,4 Dichlorophenoxyacetic acid 2,4,5-TP (Silvex) Parameter 2,4 Dichlorophenoxyacetic acid 2,4 Dichlorophenoxyacetic acid 2,4,5-TP (Silvex) 2,4,5-TP (Silvex) Parameter	2408097 1176453 PrepSet 1175920 1175920	Reading ND ND Reading 146 168 152 166	2.68 MDL 15.9 8.93 Known 150 150 150	MQL 50.0 30.0 Units ug/L ug/L ug/L	mg/L Units ug/L ug/L CCV Recover% 97.5 112 101 111 5 Dup	Limits% 80.0 - 115 80.0 - 115 80.0 - 115 80.0 - 115	90.0 - 110	File 127629120 127629120 127629120 File 127629119 127629124 127629119 127629124	<i>Units</i> ug/L		
Phenolics, Total Recoverable Analytical Set Parameter 2,4 Dichlorophenoxyacetic acid 2,4,5-TP (Silvex) Parameter 2,4 Dichlorophenoxyacetic acid 2,4 Dichlorophenoxyacetic acid 2,4,5-TP (Silvex) 2,4,5-TP (Silvex) Parameter 2,4 Dichlorophenoxyacetic acid	2408097 1176453 PrepSet 1175920 1175920	Reading ND ND Reading 146 168 152 166 LCS	2.68 MDL 15.9 8.93 Known 150 150 150 150	MQL 50.0 30.0 Units ug/L ug/L ug/L	mg/L Units ug/L ug/L CCV Recover% 97.5 112 101 111 5 Dup Known	Limits% 80.0 - 115 80.0 - 115 80.0 - 115 80.0 - 115	90.0 - 110 LCS%	File 127629120 127629120 127629120 File 127629119 127629124 127629119 127629124		RPD	Limits
Phenolics, Total Recoverable Analytical Set Parameter 2,4 Dichlorophenoxyacetic acid 2,4,5-TP (Silvex) Parameter 2,4 Dichlorophenoxyacetic acid 2,4 Dichlorophenoxyacetic acid 2,4,5-TP (Silvex) 2,4,5-TP (Silvex) Parameter 2,4 Dichlorophenoxyacetic acid	2408097 1176453 PrepSet 1175920 1175920 PrepSet 1175920	Reading ND ND Reading 146 168 152 166 LCS 95.0	2.68 MDL 15.9 8.93 Known 150 150 150 150 150 150	MQL 50.0 30.0 (Units ug/L ug/L ug/L ug/L	mg/L Units ug/L ug/L CCV Recover% 97.5 112 101 111 5 Dup Known 100	Limits% 80.0 - 115 80.0 - 115 80.0 - 115 80.0 - 115 Limits% 0.100 - 319	90.0 - 110 LCS% 95.0	File 127629120 127629120 127629120 File 127629119 127629124 127629119 127629124 LCSD% 103	ug/L	<i>RPD</i> 8.08	Limit9
Phenolics, Total Recoverable Analytical Set Parameter 2,4 Dichlorophenoxyacetic acid 2,4,5-TP (Silvex) Parameter 2,4 Dichlorophenoxyacetic acid 2,4 Dichlorophenoxyacetic acid 2,4,5-TP (Silvex) 2,4,5-TP (Silvex) Parameter 2,4 Dichlorophenoxyacetic acid 2,4,5-TP (Silvex)	2408097 1176453 PrepSet 1175920 1175920 PrepSet 1175920	Reading ND ND Reading 146 168 152 166 LCS 95.0	2.68 MDL 15.9 8.93 Known 150 150 150 150 150 150	MQL 50.0 30.0 (Units ug/L ug/L ug/L ug/L	mg/L Units ug/L ug/L CCV Recover% 97.5 112 101 111 5 Dup Known 100 100	Limits% 80.0 - 115 80.0 - 115 80.0 - 115 80.0 - 115 Limits% 0.100 - 319	90.0 - 110 LCS% 95.0	File 127629120 127629120 127629120 File 127629119 127629124 127629119 127629124 LCSD% 103	ug/L	<i>RPD</i> 8.08	<i>Limit</i> ? 30.0
Phenolics, Total Recoverable	2408097 1176453 PrepSet 1175920 1175920 PrepSet 1175920 1175920	Reading ND ND Reading 146 168 152 166 LCS 95.0 82.2	2.68 MDL 15.9 8.93 Known 150 150 150 150 150 2CSD 103 98.5	A.00 BI MQL 50.0 30.0 Cunits ug/L ug/L ug/L ug/L	mg/L Units ug/L ug/L 107 111 5 Dup Known 100 100 rogate	Limits% 80.0 - 115 80.0 - 115 80.0 - 115 80.0 - 115 Limits% 0.100 - 319 0.100 - 244	90.0 - 110 LCS% 95.0 82.2	File 127629120 127629120 File 127629119 127629124 127629119 127629124 LCSD% 103 98.5	ug/L	<i>RPD</i> 8.08	

Email: Kilgore.ProjectManagement@spllabs.com



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Printed 05/22/2025

PCSL-C

Pollution Control Services Laboratories Chuck Wallgren 1532 Universal City Blvd. Suite 100 Universal City, TX 78148

Surrogate

Parameter .	Sample	Турс	Reading	Клоwп	Units	Recover%	Limits%	Filc
2,4-Dichlorophenylacetic Acid	1175920	Blank	104	200	ug/L	52.0	0.100 - 313	127629120
2,4-Dichlorophenylacetic Acid	1175920	LCS	145	200	ug/L	72.5	0.100 - 313	127629121
2,4-Dichlorophenylacetic Acid	1175920	LCS Dup	153	200	ug/L	76.5	0.100 - 313	127629122
2,4-Dichlorophenylacetic Acid	2408118	Unknown	1.08	2.09	ug/L	51.7	0.100 - 313	127629123

* Out RPD is Relative Percent Difference: abs(r1-r2) / mean(r1,r2) * 100%

Recover% is Recovery Percent: result / known * 100%

Blank - Method Blank (reagent water or other blank matrices that contains all reagents except standard(s) and is processed simultaneously with and under the same conditions as samples; carried through preparation and analytical procedures exactly like a sample; monitors); CCV - Continuing Calibration Verification used to prepare the curve; typically a mid-range concentration; verifies the continued validity of the calibration curve); ICV - Initial Calibration Verification; LCS Dup - Laboratory Control Sample Duplicate (replicate LCS; analyzed when there is insufficient sample for duplicate or MSD; quantifies accuracy and precision.); Surrogate - Surrogate (mimics the analyte of interest but is unlikely to be found in environmental samples; added to analytical samples for QC purposes. **ANSI/ASQC E4 1994 Ref #4

Email: Kilgore.ProjectManagement@spllabs.com



Report Page 7 of 9

1

1532 UNIVERSAL CITY BLVD. #100

BILL SENDER

UNIVERSAL CITY, TX 78148
UNITED STATES US
TO- SPL LAB KILGORE
SPL LAB KILGORE
2600 DUDLEY ROAD

KILGORE TX 75662



TRK# 8812 3212 7646

WED - 14 MAY 10:30A PRIORITY OVERNIGHT

XS GGGA

75662 TX-US



POLLUTION CONTROL SERVICES

1532 Universal City Blvd, Suite 100 Universal City, TX 78148-3318 Facsimilie 210.658.7903 210.340.0343

DHL WO#2505140

CHAIN OF CUSTODY & SUBCONTRACT TRACKING SHEET

	TO:	DH	L Analytic	al		Relinquished by:	Lauren C	lay	
		230	00 Double C	Creek Dr		Date/Time:	5/13/202	5 @ 1500	
		Rot	and Rock, T	TX 78664		Received by:	B		
		2				Date/Time:	5/14/25	@11:00	
		-			Analysis	,	,		
	PCS	#	Date	Time	Requested			Pres	T. A. T.
01	8013	345	05/13/2025	1200		achlorophene		Ice	Std
1	8013	345	-	u	Semi Vola	tiles 625			
	8013	345			Pesticide 1	657			
	8013	345			Pesticides	608			
	8013	345	(v <u>a</u>)	interior	Pesticides	617			
1	8013	345	/		Pesticides	632			
っし	8013	346	05/13/2025	1230	Volatiles 6	524	· · · · · · · · · · · · · · · · · · ·	Ice	Std
1	8013	346			Cynide, An	menable		NaOH	Std
					3				
	Comr	nents	/Special Ins	structions	Therm: 78	5 Temp: 1.2°C N	o Cust.	Seal. Via	FedEx
	,								
	Theles	41_			J14	1:			
	Unies			ŕ	a results and	d invoice to:			
			ck Wallgrei						
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				•	l, Suite 100				
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May 21, 2025

Chuck Wallgren
Pollution Control Services
1532 Universal City Blvd. #100
Universal City, TX 78148

TEL: (210) 394-4570

FAX: Order No.: 2505140

RE: PCS 801345-46

Dear Chuck Wallgren:

DHL Analytical, Inc. received 2 samples on 05/14/2025 for the analyses presented in the following report.

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative and all estimated uncertainties of results are within method specifications.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Karyn Lane

Laboratory Manager

This report was performed under the accreditation of the State of Texas Laboratory Certification Number: T104704211 - TX-C25-00106



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CaseNarrative 2505140	6
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Analytical Report 2505140	8
AnalyticalQCSummaryReport 2505140 1	4



After printing this label:

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.

2. Fold the printed page along the horizontal line.

2. For the principle page later in the later in the control in the later than 1 and 1 and

At the end of each shipping day, you should perform the FedEx Ground End of Day Close procedure to transmit your shipping data to FedEx. To do so, click on the Ground End of Day Close Button, if required, print the pickup manifest that appears. A printed manifest is required to be tendered along with your packages if they are being picked up by FedEx Ground. If you are dropping your packages off at a FedEx drop off location, the manifest is not required.

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Sample Receipt Checklist

Client Name: Pollution Control Services		Date Received: 5/14/2025					
Work Order Number: 2505140			Received by	: RA			
Checklist completed by:	5/14/2029 Date Carrier name:	5 FedEx 1day	Reviewed by	/: SH Initials	5/14/2025 Date		
Shipping container/cooler in good condition?		Yes 🗹	No 🗆	Not Present			
Custody seals intact on shipping container/coole	r?	Yes	No 🗆	Not Present	\checkmark		
Custody seals intact on sample bottles?		Yes 🗌	No 🗆	Not Present	✓		
Chain of custody present?		Yes 🗹	No 🗆				
Chain of custody signed when relinquished and	received?	Yes 🗹	No \square				
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 🗀				
Water - VOA vials have zero headspace?		Yes	No 🗌	No VOA vials s	ubmitted 🗹 NA 🗌		
Water - pH<2 acceptable upon receipt?		Yes	No 🗆	NA ✓ LO	Τ#		
		Adjusted?		Checked by			
Water - ph>9 (S) or ph>10 (CN) acceptable upon	n receipt?	Yes ✓ Adjusted?			T# 7180 V_R.A		
Container/Temp Blank temperature in compliance	ce?	Yes 🗹	No 🗌				
Cooler# 1							
Temp °C 1.2 Seal Intact NP Any No response must be detailed in the comme	ents section below.				:=======		
Client contacted:	Date contacted:		Per	son contacted:			
Contacted by:	Regarding:			OH(63300			
Comments:							
Corrective Action:							

CLIENT:

Pollution Control Services

Project:

PCS 801345-46

Lab Order:

2505140

CASE NARRATIVE

Date: 21-May-25

Samples were analyzed using the methods outlined in the following references:

EPA, ASTM and Standard Methods.

Dicofol and Nonylphenol are not NELAP Certified.

Diuron-Hexachlorophene by LCMS are not NELAP Certified.

For Pesticides Analysis, several compounds are not NELAP Certified.

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objectives except where noted in the following. For Volatiles Analysis, there was no recovery of Acrolein for the Matrix Spike and Matrix Spike Duplicate (2505133-01 MS/MSD) due to matrix. This is flagged accordingly in the QC Summary Report. This compound was within method control limits in the associated LCS. The sample selected for the Batch QC is not from this workorder. No further corrective action was taken.

For Pesticides Analysis, the recovery of Heptachlor epoxide for the Laboratory Control Spike (LCS-120561) was below the method control limits. This is flagged accordingly in the QC Summary Report. This compound was within method control limits in the associated ICV. No further corrective action was taken.

For Semivolatiles Analysis, the recovery of N-Nitrosodimethylamine for the Laboratory Control Spike Duplicate (LCSD-120502) was outside of the method control limits. This is flagged accordingly in the QC Summary Report. This compound was within method control limits in the associated ICV/LCS. No further corrective action was taken.

Date: 21-May-25

CLIENT: Pollution Control Services

Project: PCS 801345-46

Lab Order: 2505140

Work Order Sample Summary

Lab Smp ID	Client Sample ID	Tag Number	Date Collected	Date Recved
2505140-01	801345		05/13/25 12:00 PM	05/14/2025
2505140-02	801346		05/13/25 12:30 PM	05/14/2025

CLIENT: Pollution Control Services

Project: PCS 801345-46

Project No:

Lab Order: 2505140

Date: 21-May-25

Client Sample ID: 801345

Lab ID: 2505140-01

Collection Date: 05/13/25 12:00 PM

Matrix: AQUEOUS

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
DIURON-HEXACHLOROPHENE B	Y LCMS	E6	32				Analyst: RA
Diuron	< 0.0000297	0.0000297	0.0000791	N	mg/L	1	05/21/25 12:00 PM
Hexachlorophene	< 0.000989	0.000989	0.00494	N	mg/L	1	05/21/25 12:00 PM
Surr: Carbazole	58.1	0	35-145		%REC	1	05/21/25 12:00 PM
625.1 PCB BY GC/MS		E62	25.1				Analyst: DEW
Aroclor 1016	< 0.0000973	0.0000973	0.000195		mg/L	1	05/21/25 02:14 PM
Aroclor 1221	< 0.0000973	0.0000973	0.000195		mg/L	1	05/21/25 02:14 PM
Aroclor 1232	< 0.0000973	0.0000973	0.000195		mg/L	1	05/21/25 02:14 PM
Aroclor 1242	< 0.0000973	0.0000973	0.000195		mg/L	1	05/21/25 02:14 PM
Aroclor 1248	< 0.0000973	0.0000973	0.000195		mg/L	1	05/21/25 02:14 PM
Aroclor 1254	< 0.0000973	0.0000973	0.000195		mg/L	1	05/21/25 02:14 PM
Aroclor 1260	< 0.0000973	0.0000973	0.000195		mg/L	1	05/21/25 02:14 PM
Total PCBs	< 0.0000973	0.0000973	0.000195		mg/L	1	05/21/25 02:14 PM
Surr: 2-Fluorobiphenyl	79.5	0	43-116		%REC	1	05/21/25 02:14 PM
Surr: 4-Terphenyl-d14	88.7	0	33-141		%REC	1	05/21/25 02:14 PM
625.1 SEMIVOLATILE WATER		E62	25.1				Analyst: DEW
Anthracene	< 0.000969	0.000969	0.00194		mg/L	1	05/16/25 10:56 PM
Benzidine	< 0.000969	0.000969	0.00388		mg/L	1	05/16/25 10:56 PM
Benzo[a]anthracene	< 0.000969	0.000969	0.00194		mg/L	1	05/16/25 10:56 PM
Benzo[a]pyrene	< 0.000969	0.000969	0.00194		mg/L	1	05/16/25 10:56 PM
Bis(2-chloroethyl)ether	< 0.000969	0.000969	0.00194		mg/L	1	05/16/25 10:56 PM
Bis(2-ethylhexyl)phthalate	< 0.00291	0.00291	0.00582		mg/L	1	05/16/25 10:56 PM
Chrysene	< 0.000969	0.000969	0.00194		mg/L	1	05/16/25 10:56 PM
4,6-Dinitro-o-cresol	< 0.00194	0.00194	0.00388		mg/L	1	05/16/25 10:56 PM
o-Cresol	< 0.00194	0.00194	0.00388		mg/L	1	05/16/25 10:56 PM
p-Chloro-m-Cresol	< 0.00194	0.00194	0.00388		mg/L	1	05/16/25 10:56 PM
m,p-Cresols	< 0.00194	0.00194	0.00388		mg/L	1	05/16/25 10:56 PM
3,3´-Dichlorobenzidine	< 0.000969	0.000969	0.00485		mg/L	1	05/16/25 10:56 PM
2,4-Dimethylphenol	< 0.000969	0.000969	0.00194		mg/L	1	05/16/25 10:56 PM
Di-n-butyl phthalate	< 0.00291	0.00291	0.00582		mg/L	1	05/16/25 10:56 PM
Hexachlorobenzene	< 0.000969	0.000969	0.00194		mg/L	1	05/16/25 10:56 PM
Hexachlorobutadiene	< 0.000969	0.000969	0.00194		mg/L	1	05/16/25 10:56 PM
Hexachlorocyclopentadiene	< 0.000969	0.000969	0.00194		mg/L	1	05/16/25 10:56 PM
Hexachloroethane	< 0.000969	0.000969	0.00194		mg/L	1	05/16/25 10:56 PM
Nitrobenzene	< 0.000969	0.000969	0.00194		mg/L	1	05/16/25 10:56 PM
N-Nitrosodiethylamine	< 0.00194	0.00194	0.00388		mg/L	1	05/16/25 10:56 PM
N-Nitrosodi-n-butylamine	< 0.000969	0.000969	0.00388		mg/L	1	05/16/25 10:56 PM
Pentachlorobenzene	< 0.000969	0.000969	0.00194		mg/L	1	05/16/25 10:56 PM

- * Value exceeds TCLP Maximum Concentration Level
- DF Dilution Factor
- J Analyte detected between MDL and RL
- ND Not Detected at the Method Detection Limit
 - S Spike Recovery outside control limits

- C Sample Result or QC discussed in the Case Narrative
- E TPH pattern not Gas or Diesel Range Pattern
- MDL Method Detection Limit
- RL Reporting Limit
- N Parameter not NELAP certified

CLIENT: Pollution Control Services

Project: PCS 801345-46

Project No: Lab Order:

2505140

Client Sample ID: 801345

Lab ID: 2505140-01

Date: 21-May-25

Collection Date: 05/13/25 12:00 PM

Matrix: AQUEOUS

Analyses	Result	MDL	RL	Qual Units	DF	Date Analyzed
625.1 SEMIVOLATILE WATER		E62	5.1			Analyst: DEW
Pentachlorophenol	< 0.000969	0.000969	0.00194	mg/L	1	05/16/25 10:56 PM
Phenanthrene	< 0.000969	0.000969	0.00194	mg/L	1	05/16/25 10:56 PM
Pyridine	< 0.000969	0.000969	0.00194	mg/L	1	05/16/25 10:56 PN
1,2,4,5-Tetrachlorobenzene	< 0.000969	0.000969	0.00194	mg/L	1	05/16/25 10:56 PM
2,4,5-Trichlorophenol	< 0.000969	0.000969	0.00194	mg/L	1	05/16/25 10:56 PM
2-Chlorophenol	< 0.000969	0.000969	0.00194	mg/L	1	05/16/25 10:56 PM
2,4-Dichlorophenol	< 0.000969	0.000969	0.00194	mg/L	1	05/16/25 10:56 PM
2,4-Dinitrophenol	< 0.00194	0.00194	0.00388	mg/L	1	05/16/25 10:56 PM
2-Nitrophenol	< 0.000969	0.000969	0.00194	mg/L	1	05/16/25 10:56 PN
4-Nitrophenol	< 0.00194	0.00194	0.00388	mg/L	1	05/16/25 10:56 PM
Phenol	< 0.000969	0.000969	0.00194	mg/L	1	05/16/25 10:56 PM
2,4,6-Trichlorophenol	< 0.000969	0.000969	0.00194	mg/L	1	05/16/25 10:56 PM
Acenaphthene	< 0.000969	0.000969	0.00194	mg/L	1	05/16/25 10:56 PN
Acenaphthylene	< 0.000969	0.000969	0.00194	mg/L	1	05/16/25 10:56 PM
Benzo[b]fluoranthene	< 0.000969	0.000969	0.00194	mg/L	1	05/16/25 10:56 PM
Benzo[g,h,i]perylene	< 0.000969	0.000969	0.00194	mg/L	1	05/16/25 10:56 PM
Benzo[k]fluoranthene	< 0.000969	0.000969	0.00194	mg/L	1	05/16/25 10:56 PM
Bis(2-chloroethoxy)methane	< 0.000969	0.000969	0.00194	mg/L	1	05/16/25 10:56 PM
Bis(2-chloroisopropyl)ether	< 0.000969	0.000969	0.00194	mg/L	1	05/16/25 10:56 PM
4-Bromophenyl phenyl ether	< 0.000969	0.000969	0.00194	mg/L	1	05/16/25 10:56 PM
Butyl benzyl phthalate	< 0.00291	0.00291	0.00582	mg/L	1	05/16/25 10:56 PM
2-Chloronaphthalene	< 0.000969	0.000969	0.00194	mg/L	1	05/16/25 10:56 PM
4-Chlorophenyl phenyl ether	< 0.000969	0.000969	0.00194	mg/L	1	05/16/25 10:56 PM
Dibenz[a,h]anthracene	< 0.000969	0.000969	0.00194	mg/L	1	05/16/25 10:56 PM
Diethyl phthalate	< 0.00291	0.00291	0.00582	mg/L	1	05/16/25 10:56 PM
Dimethyl phthalate	< 0.00291	0.00291	0.00582	mg/L	1	05/16/25 10:56 PN
2,4-Dinitrotoluene	< 0.000969	0.000969	0.00194	mg/L	1	05/16/25 10:56 PN
2,6-Dinitrotoluene	< 0.000969	0.000969	0.00194	mg/L	1	05/16/25 10:56 PN
Di-n-octyl phthalate	< 0.00291	0.00291	0.00582	mg/L	1	05/16/25 10:56 PN
1,2-Diphenylhydrazine	< 0.000969	0.000969	0.00194	mg/L	1	05/16/25 10:56 PM
Fluoranthene	< 0.000969	0.000969	0.00194	mg/L	1	05/16/25 10:56 PM
Fluorene	< 0.000969	0.000969	0.00194	mg/L	1	05/16/25 10:56 PM
Indeno[1,2,3-cd]pyrene	< 0.000969	0.000969	0.00194	mg/L	1	05/16/25 10:56 PM
Isophorone	< 0.000969	0.000969	0.00194	mg/L	1	05/16/25 10:56 PM
Naphthalene	< 0.000969	0.000969	0.00194	mg/L	1	05/16/25 10:56 PM
N-Nitrosodimethylamine	< 0.000969	0.000969	0.00194	mg/L	1	05/16/25 10:56 PM
N-Nitrosodi-n-propylamine	< 0.000969	0.000969	0.00194	mg/L	1	05/16/25 10:56 PM
N-Nitrosodiphenylamine	< 0.000969	0.000969	0.00194	mg/L	1	05/16/25 10:56 PN

- * Value exceeds TCLP Maximum Concentration Level
- DF Dilution Factor
- J Analyte detected between MDL and RL
- ND Not Detected at the Method Detection Limit
- S Spike Recovery outside control limits

- C Sample Result or QC discussed in the Case Narrative
- E TPH pattern not Gas or Diesel Range Pattern
- MDL Method Detection Limit
- RL Reporting Limit
- N Parameter not NELAP certified

Date: 21-May-25

CLIENT:

Pollution Control Services

Project:

PCS 801345-46

Project No: Lab Order:

2505140

Client Sample ID: 801345

Lab ID: 2505140-01

Collection Date: 05/13/25 12:00 PM

Matrix: AQUEOUS

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
625.1 SEMIVOLATILE WATER		E6	25.1				Analyst: DEW
Pyrene	< 0.000969	0.000969	0.00194		mg/L	1	05/16/25 10:56 PM
1,2,4-Trichlorobenzene	< 0.000969	0.000969	0.00194		mg/L	1	05/16/25 10:56 PM
Surr: 2,4,6-Tribromophenol	72.5	0	10-123		%REC	1	05/16/25 10:56 PM
Surr: 2-Fluorobiphenyl	82.5	0	43-116		%REC	1	05/16/25 10:56 PM
Surr: 2-Fluorophenol	44.8	0	21-100		%REC	1	05/16/25 10:56 PM
Surr: 4-Terphenyl-d14	84.0	0	33-141		%REC	1	05/16/25 10:56 PM
Surr: Nitrobenzene-d5	83.8	0	35-115		%REC	1	05/16/25 10:56 PM
Surr: Phenol-d5	26.8	0	10-94		%REC	1	05/16/25 10:56 PM
625.1 PESTICIDE BY GC/MS		E6	25.1				Analyst: DEW
4,4´-DDD	< 0.00000973	0.00000973	0.0000195		mg/L	1	05/21/25 12:09 AM
4,4'-DDE	< 0.00000973	0.00000973	0.0000195		mg/L	1	05/21/25 12:09 AM
4,4'-DDT	< 0.00000973	0.00000973	0.0000195		mg/L	1	05/21/25 12:09 AM
Aldrin	< 0.00000973	0.00000973	0.00000973		mg/L	1	05/21/25 12:09 AM
alpha-BHC (Hexachlorocyclohexane)	<0.00000973	0.00000973	0.0000195		mg/L	1	05/21/25 12:09 AM
beta-BHC (Hexachlorocyclohexane)	< 0.00000973	0.00000973	0.0000195		mg/L	1	05/21/25 12:09 AM
Carbaryl	< 0.00000973	0.00000973	0.0000292	N	mg/L	1	05/21/25 12:09 AN
Chlordane	<0.0000584	0.0000584	0.000195	N	mg/L	1	05/21/25 12:09 AM
Chlorpyrifos	<0.00000973	0.00000973	0.0000292	N	mg/L	1	05/21/25 12:09 AM
delta-BHC (Hexachlorocyclohexane)	<0.00000973	0.00000973	0.0000195		mg/L	1	05/21/25 12:09 AM
Diazinon	<0.00000973	0.00000973	0.0000292	N	mg/L	1	05/21/25 12:09 AM
Dieldrin	<0.00000973	0.00000973	0.0000195		mg/L	1	05/21/25 12:09 AM
Endosulfan I	<0.00000973	0.00000973	0.00000973		mg/L	1	05/21/25 12:09 AM
Endosulfan II	<0.00000973	0.00000973	0.0000195		mg/L	1	05/21/25 12:09 AN
Endosulfan sulfate	<0.00000973	0.00000973	0.0000195		mg/L	1	05/21/25 12:09 AM
Endrin	<0.00000973	0.00000973	0.0000195		mg/L	1	05/21/25 12:09 AM
Endrin aldehyde	<0.00000973	0.00000973	0.0000195		mg/L	1	05/21/25 12:09 AN
gamma-BHC (Lindane)	<0.00000973	0.00000973	0.0000195		mg/L	1	05/21/25 12:09 AM
Guthion (Azinphosmethyl)	< 0.00000973	0.00000973	0.0000292	N	mg/L	1	05/21/25 12:09 AN
Heptachlor	<0.00000973	0.00000973	0.00000973		mg/L	1	05/21/25 12:09 AN
Heptachlor epoxide	<0.00000973	0.00000973	0.00000973		mg/L	1	05/21/25 12:09 AM
Malathion	< 0.00000973	0.00000973	0.0000292	N	mg/L	1	05/21/25 12:09 AM
Methoxychlor	<0.0000195	0.0000195	0.0000195	N	mg/L	1	05/21/25 12:09 AM
Mirex	< 0.00000973	0.00000973	0.0000195	N	mg/L	1	05/21/25 12:09 AM
Parathion, ethyl	< 0.00000973	0.00000973	0.0000292	N	mg/L	1	05/21/25 12:09 AM
Toxaphene	<0.000292	0.000292	0.000292		mg/L	1	05/21/25 12:09 AM
Demeton (O & S)	< 0.00000973	0.00000973	0.0000292	N	mg/L	1	05/21/25 12:09 AM

- * Value exceeds TCLP Maximum Concentration Level
- DF Dilution Factor
- J Analyte detected between MDL and RL
- ND Not Detected at the Method Detection Limit
- S Spike Recovery outside control limits

- C Sample Result or QC discussed in the Case Narrative
- E TPH pattern not Gas or Diesel Range Pattern
- MDL Method Detection Limit
- RL Reporting Limit
- N Parameter not NELAP certified

Pollution Control Services

Project: PCS 801345-46

Project No:

CLIENT:

1 00 001515

Lab Order: 2505140

Date: 21-May-25

Client Sample ID: 801345

Lab ID: 2505140-01

Collection Date: 05/13/25 12:00 PM

Matrix: AQUEOUS

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
625.1 PESTICIDE BY GC/MS		E62	5.1				Analyst: DEW
Surr: 2-Fluorobiphenyl	60.5	0	43-116		%REC	1	05/21/25 12:09 AM
Surr: 4-Terphenyl-d14	80.4	0	33-141		%REC	1	05/21/25 12:09 AM
DICOFOL IN WATER BY ASTM M	ETHOD	D5812-	96MOD				Analyst: DEW
Dicofol	<0.000195	0.000195	0.000389	N	mg/L	1	05/21/25 12:09 AM
NONYLPHENOL IN WATER BY AS	STM METHOD <0.0679	D706 0.0679	5-17 0.0969	N	mg/L	4	Analyst: DEW 05/16/25 10:56 PM

- * Value exceeds TCLP Maximum Concentration Level
- DF Dilution Factor
- J Analyte detected between MDL and RL
- ND Not Detected at the Method Detection Limit
- S Spike Recovery outside control limits

- C Sample Result or QC discussed in the Case Narrative
- E TPH pattern not Gas or Diesel Range Pattern
- MDL Method Detection Limit
- RL Reporting Limit
- N Parameter not NELAP certified

CLIENT: Pollution Control Services

Project: PCS 801345-46

Project No:

Lab Order: 2505140

Client Sample ID: 801346

Lab ID: 2505140-02

Date: 21-May-25

Collection Date: 05/13/25 12:30 PM

Matrix: AQUEOUS

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
624.1 VOLATILES WATER		E624	4.1				Analyst: JVR
Acrylonitrile	< 0.00100	0.00100	0.00300		mg/L	1	05/14/25 05:07 PM
Benzene	< 0.000300	0.000300	0.00100		mg/L	1	05/14/25 05:07 PM
Bromodichloromethane	0.0201	0.000300	0.00100		mg/L	1	05/14/25 05:07 PM
Bromoform	0.000360	0.000300	0.00100	J	mg/L	1	05/14/25 05:07 PN
Carbon tetrachloride	< 0.000300	0.000300	0.00100		mg/L	1	05/14/25 05:07 PM
Chlorobenzene	< 0.000300	0.000300	0.00100		mg/L	1	05/14/25 05:07 PM
Chlorodibromomethane	0.00640	0.000300	0.00100		mg/L	1	05/14/25 05:07 PM
Chloroform	0.0256	0.000300	0.00100		mg/L	1	05/14/25 05:07 PN
1,2-Dibromoethane	<0.000300	0.000300	0.00100		mg/L	1	05/14/25 05:07 PN
1,3-Dichlorobenzene	< 0.000300	0.000300	0.00100		mg/L	1	05/14/25 05:07 PN
1,2-Dichlorobenzene	< 0.000300	0.000300	0.00100		mg/L	1	05/14/25 05:07 PN
1,4-Dichlorobenzene	< 0.000300	0.000300	0.00100		mg/L	1	05/14/25 05:07 PN
1,2-Dichloroethane	< 0.000300	0.000300	0.00100		mg/L	1	05/14/25 05:07 PM
1,1-Dichloroethene	< 0.000300	0.000300	0.00100		mg/L	1	05/14/25 05:07 PM
Methylene chloride (DCM)	< 0.00250	0.00250	0.00500		mg/L	1	05/14/25 05:07 PN
1,2-Dichloropropane	< 0.000300	0.000300	0.00100		mg/L	1	05/14/25 05:07 PM
1,3-Dichloropropene (cis)	< 0.000300	0.000300	0.00100		mg/L	1	05/14/25 05:07 PM
1,3-Dichloropropene (trans)	< 0.000300	0.000300	0.00100		mg/L	1	05/14/25 05:07 PM
Ethylbenzene	< 0.000300	0.000300	0.00100		mg/L	1	05/14/25 05:07 PM
Methyl ethyl ketone	< 0.00500	0.00500	0.0150		mg/L	1	05/14/25 05:07 PM
1,1,2,2-Tetrachloroethane	< 0.000300	0.000300	0.00100		mg/L	1	05/14/25 05:07 PM
Tetrachloroethene	< 0.000600	0.000600	0.00200		mg/L	1	05/14/25 05:07 PM
Toluene	< 0.000600	0.000600	0.00200		mg/L	1	05/14/25 05:07 PM
1,1,1-Trichloroethane	< 0.000300	0.000300	0.00100		mg/L	1	05/14/25 05:07 PN
1,1,2-Trichloroethane	< 0.000300	0.000300	0.00100		mg/L	1	05/14/25 05:07 PN
Trichloroethene	< 0.000600	0.000600	0.00100		mg/L	1	05/14/25 05:07 PM
TTHM (Total Trihalomethanes)	0.0525	0.000300	0.00100		mg/L	1	05/14/25 05:07 PM
Vinyl chloride	< 0.000300	0.000300	0.00100		mg/L	1	05/14/25 05:07 PM
Acrolein	< 0.00500	0.00500	0.0150		mg/L	1	05/14/25 05:07 PM
Chloroethane	< 0.00100	0.00100	0.00500		mg/L	1	05/14/25 05:07 PM
2-Chloroethylvinylether	< 0.00600	0.00600	0.0100		mg/L	1	05/14/25 05:07 PM
1,1-Dichloroethane	< 0.000300	0.000300	0.00100		mg/L	1	05/14/25 05:07 PM
Methyl bromide	< 0.00100	0.00100	0.00500		mg/L	1	05/14/25 05:07 PM
Methyl chloride	< 0.00100	0.00100	0.00500		mg/L	1	05/14/25 05:07 PM
trans-1,2-Dichloroethylene	<0.000300	0.000300	0.00200		mg/L	1	05/14/25 05:07 PM
Surr: 1,2-Dichloroethane-d4	84.2	0	72-119		%REC	1	05/14/25 05:07 PM
Surr: 4-Bromofluorobenzene	92.2	0	76-119		%REC	1	05/14/25 05:07 PM
Surr: Dibromofluoromethane	103	0	85-115		%REC	1	05/14/25 05:07 PM

- * Value exceeds TCLP Maximum Concentration Level
- DF Dilution Factor
- J Analyte detected between MDL and RL
- ND Not Detected at the Method Detection Limit
- S Spike Recovery outside control limits

- C Sample Result or QC discussed in the Case Narrative
- E TPH pattern not Gas or Diesel Range Pattern
- MDL Method Detection Limit
- RL Reporting Limit
- N Parameter not NELAP certified

Project: PCS 801345-46

Project No:

CLIENT:

Lab Order: 2505140

Pollution Control Services

Client Sample ID: 801346

Lab ID: 2505140-02

Date: 21-May-25

Collection Date: 05/13/25 12:30 PM

Matrix: AQUEOUS

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
624.1 VOLATILES WATER		E624	l.1				Analyst: JVR
Surr: Toluene-d8	94.6	0	81-120		%REC	1	05/14/25 05:07 PM
CYANIDE - WATER SAMPLE		M4500-	CN E				Analyst: SMA
Cyanide, Amenable to Chlorination	< 0.0100	0.0100	0.0200		mg/L	1	05/16/25 10:16 AM
Cyanide, Total	<0.0100	0.0100	0.0200		mg/L	1	05/16/25 10:16 AM

- Value exceeds TCLP Maximum Concentration Level
- DF Dilution Factor
- Analyte detected between MDL and RL
- ND Not Detected at the Method Detection Limit
- Spike Recovery outside control limits

- Sample Result or QC discussed in the Case Narrative
- TPH pattern not Gas or Diesel Range Pattern E
- MDL Method Detection Limit
- RL Reporting Limit
- N Parameter not NELAP certified

Date: 21-May-25

CLIENT:

Pollution Control Services

Work Order: 2505140

ANALYTICAL QC SUMMARY REPORT

Project: PCS 8	01345-46					RunII	D: I	CMS2_2	50521.	A	
The QC data in batch 12053	7 applies to the	following s	samples: 2505	5140-01A							
Sample ID: MB-120537	Batch ID:	120537		TestNo:	E632			Units:	mg/L		
SampType: MBLK	Run ID:	LCMS2	_250521A	Analysis	Date: 5/21/	2025 11:18	5:26 AM	Prep Date:	5/19/	2025	
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLim	it HighLimit	%RPD	RPDLimi	t Qual
Diuron	<0	.0000300	0.0000800								N
Hexachlorophene	<	0.00100	0.00500								N
Surr: Carbazole		5.84		10.00		58.4	35	145			
Sample ID: LCS-120537	Batch ID:	120537		TestNo:	E632			Units:	mg/L		
SampType: LCS	Run ID:	LCMS2	_250521A	Analysis	Date: 5/21/	2025 11:38	8:04 AM	Prep Date:	5/19/	2025	
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLim	it HighLimit	%RPD	RPDLimi	t Qual
Diuron		0.00163	0.0000800	0.00200	0	81.5	35	145			N
Hexachlorophene		0.00158	0.00500	0.00200	0	78.9	35	145			Ν
Surr: Carbazole		5.73		10.00		57.3	35	145			
Sample ID: LCSD-120537	Batch ID:	120537		TestNo:	E632			Units:	mg/L		
SampType: LCSD	Run ID:	LCMS2	_250521A	Analysis	Date: 5/21/	2025 11:49	9:29 AM	Prep Date:	5/19/	2025	
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLim	it HighLimit	%RPD	RPDLimi	t Qual
Diuron		0.00177	0.0000800	0.00200	0	88.6	35	145	8.31	30	N
Hexachlorophene	ĺ	0.00143	0.00500	0.00200	0	71.6	35	145	9.69	30	Ν
Surr: Carbazole		5.94		10.00		59.4	35	145	0	0	

Qualifiers:

Analyte detected in the associated Method Blank

J Analyte detected between MDL and RL

ND Not Detected at the Method Detection Limit

Reporting Limit

Analyte detected between SDL and RL

Dilution Factor

MDL Method Detection Limit

R RPD outside accepted control limits Spike Recovery outside control limits

Parameter not NELAP certified

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Project:

Pollution Control Services

Work Order:

2505140

PCS 801345-46

ANALYTICAL QC SUMMARY REPORT

RunID:

GCMS10_250520C

Sample ID: LCS-120561	Batch ID	120561		TestNo	D: E62	5.1		Units:	mg/L	
SampType: LCS	Run ID:	GCMS1	0_250520C	Analys	is Date: 5/20	/2025 4:50:	00 PM	Prep Date:	5/20/2025	
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimi	t HighLimit %	RPD RPDLimi	it Qua
4,4´-DDD		0.000223	0.0000200	0.000400	0	55.7	0.1	135		
4,4'-DDE		0.000188	0.0000200	0.000400	0	47.1	19	120		
4,4´-DDT		0.000214	0.0000200	0.000400	0	53.4	0.1	171		
Aldrin		0.000145	0.0000100	0.000400	0	36.2	7	152		
alpha-BHC (Hexachlorocyclohe	exane)	0.000228	0.0000200	0.000400	0	57.1	42	108		
beta-BHC (Hexachlorocyclohe:	xane)	0.000227	0.0000200	0.000400	0	56.8	42	131		
Carbaryl		0.000241	0.0000300	0.000400	0	60.3	38	168		N
Chlorpyrifos		0.000275	0.0000300	0.000400	0	68.8	42	131		Ν
delta-BHC (Hexachlorocyclohe	xane)	0.000228	0.0000200	0.000400	0	57.1	0.1	120		
Diazinon		0.000251	0.0000300	0.000400	0	62.7	52	120		Ν
Dieldrin		0.000248	0.0000200	0.000400	0	61.9	44	119		
Endosulfan I		0.000241	0.0000100	0.000400	0	60.4	47	128		
Endosulfan II		0.000251	0.0000200	0.000400	0	62.8	52	125		
Endosulfan sulfate		0.000268	0.0000200	0.000400	0	67.0	0.1	120		
Endrin		0.000275	0.0000200	0.000400	0	68.6	50	151		
Endrin aldehyde		0.000270	0.0000200	0.000400	0	67.5	0.1	189		
gamma-BHC (Lindane)		0.000208	0.0000200	0.000400	0	52.0	41	111		
Guthion (Azinphosmethyl)		0.000261	0.0000300	0.000400	0	65.3	44	193		N
Heptachlor		0.000172	0.0000100	0.000400	0	43.0	0.1	172		
Heptachlor epoxide		0.000222	0.0000100	0.000400	0	55.4	71	120		s
Malathion		0.000308	0.0000300	0.000400	0	77.1	56	161		N
Methoxychlor		0.000233	0.0000200	0.000400	0	58.2	38	156		N
Mirex		0.000197	0.0000200	0.000400	0	49.3	27	131		N
Parathion, ethyl		0.000329	0.0000300	0.000400	0	82.2	13	184		N
Demeton (O & S)		0.000221	0.0000300	0.000400	0	55.2	28	154		N
Surr: 2-Fluorobiphenyl		2.09	0.0000000	4.000	v	52.3	43	116		
Surr: 4-Terphenyl-d14		2.69		4.000		67.3	33	141		
Sample ID: MB-120561	Batch ID			TestNo	D: E62 :			Units:	mg/L	
SampType: MBLK	Run ID:		0_250520C		sis Date: 5/20		00 DM	Prep Date:	5/20/2025	
	Kull ID.		- Table 1							
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimi	t HighLimit %	6RPD RPDLim	it Qua
4,4´-DDD		0.0000100	0.0000200							
4,4'-DDE	•	0.0000100	0.0000200							
4,4'-DDT	•	0.0000100	0.0000200							
	•	0.0000100	0.0000100							
163		0.0000100	0.0000200							
Aldrin	exane) <									
Aldrin alpha-BHC (Hexachlorocyclohe		0.0000100	0.0000200							3070
Aldrin alpha-BHC (Hexachlorocyclohe beta-BHC (Hexachlorocyclohe: Carbaryl	kane) <		0.0000200 0.0000300							Ν
Aldrin alpha-BHC (Hexachlorocyclohe beta-BHC (Hexachlorocyclohe)	kane) <	0.0000100								
Aldrin alpha-BHC (Hexachlorocyclohe) beta-BHC (Hexachlorocyclohe) Carbaryl Chlordane	xane) <	0.0000100 0.0000100 0.0000600	0.0000300 0.000200	DF	Dilution Facto	or.				
Aldrin alpha-BHC (Hexachlorocyclohe) beta-BHC (Hexachlorocyclohe) Carbaryl Chlordane Qualifiers: B Analyte d	etected in the	:0.0000100 :0.0000100 :0.0000600 associated M	0.0000300 0.000200 fethod Blank	DF MDI	Dilution Factor				D 2	N
Aldrin alpha-BHC (Hexachlorocyclohe) beta-BHC (Hexachlorocyclohe) Carbaryl Chlordane Qualifiers: B Analyte d J Analyte d	etected in the	:0.0000100 :0.0000100 :0.0000600 associated Men MDL and	0.0000300 0.000200 fethod Blank RL	MDL	Method Detec	tion Limit	rol limite		Page 2 c	N
Aldrin alpha-BHC (Hexachlorocyclohe) beta-BHC (Hexachlorocyclohe) Carbaryl Chlordane Qualifiers: B Analyte d J Analyte d	etected in the	:0.0000100 :0.0000100 :0.0000600 associated Men MDL and	0.0000300 0.000200 fethod Blank RL	MDL R		tion Limit accepted cont			Page 2 o	N

Pollution Control Services

Work Order:

2505140

Project:

PCS 801345-46

ANALYTICAL QC SUMMARY REPORT

RunID:

GCMS10_250520C

Sample ID: MB-120561 I	Batch ID:	120561	•	TestNo:	E625.	.1		Units:	mg/L	
SampType: MBLK	Run ID:	GCMS10	_250520C	Analysis	Date: 5/20/2	2025 9:43:0	00 PM	Prep Date:	5/20/2025	
Analyte	, j	Result	RL	SPK value	Ref Val	%REC	LowLimi	t HighLimit %	RPD RPDLimi	it Qual
Chlorpyrifos	<0.	0000100	0.0000300							N
delta-BHC (Hexachlorocyclohexane	e) <0.	0000100	0.0000200							
Diazinon	<0.	0000100	0.0000300							N
Dieldrin	<0.	0000100	0.0000200							
Endosulfan I	<0.	0000100	0.0000100							
Endosulfan II	<0.	0000100	0.0000200							
Endosulfan sulfate	<0.	0000100	0.0000200							
Endrin	<0.	0000100	0.0000200							
Endrin aldehyde	<0.	0000100	0.0000200							
gamma-BHC (Lindane)	<0.	0000100	0.0000200							
Guthion (Azinphosmethyl)	<0.	0000100	0.0000300							N
Heptachlor	<0.	0000100	0.0000100							
Heptachlor epoxide	<0.	0000100	0.0000100							
Malathion	<0.	0000100	0.0000300							N
Methoxychlor	<0.	0000200	0.0000200							N
Mirex	<0.	0000100	0.0000200							N
Parathion, ethyl	<0.	0000100	0.0000300							N
Toxaphene	<0	.000300	0.000300							
Demeton (O & S)	<0.	0000100	0.0000300							N
Surr: 2-Fluorobiphenyl		2.38		4.000		59.6	43	116		
Surr: 4-Terphenyl-d14		3.04		4.000		76.1	33	141		

Oualifiers:	В	Analyte detected in the associated Method Blank	

Analyte detected between MDL and RL

ND Not Detected at the Method Detection Limit

RL Reporting Limit

J Analyte detected between SDL and RL

DF Dilution Factor

MDL Method Detection Limit

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R RPD outside accepted control limits

S Spike Recovery outside control limits

N Parameter not NELAP certified

Pollution Control Services

Work Order:

2505140

Project:

PCS 801345-46

ANALYTICAL QC SUMMARY REPORT

RunID:

GCMS10_250520D

								170	8	
The QC data in batch 120561 ap	plies to the	following s	amples: 250	5140-01C						
Sample ID: LCS-120561-DICO	Batch ID:	120561		TestNo:	D58	12-96mod		Units:	mg/L	
SampType: LCS	Run ID:	GCMS1	0_250520D	Analysis	s Date: 5/20	/2025 7:17:	00 PM	Prep Date:	5/20/2025	
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	t HighLimit	%RPD RPDLim	t Qua
Dicofol	0	.000442	0.000400	0.00100	0	44.2	22	180		N
Sample ID: MB-120561	Batch ID:	120561		TestNo:	D58	12-96mod		Units:	mg/L	
SampType: MBLK	Run ID:	GCMS1	0_250520D	Analysis	s Date: 5/20	/2025 9:43:	00 PM	Prep Date:	5/20/2025	
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimi	t HighLimit	%RPD RPDLim	t Qua
Dicofol	<(0.000200	0.000400							N

Qualifiers:

Analyte detected in the associated Method Blank

Analyte detected between MDL and RL J

ND Not Detected at the Method Detection Limit

Reporting Limit

Analyte detected between SDL and RL

Dilution Factor

MDL Method Detection Limit

RPD outside accepted control limits

R Spike Recovery outside control limits

Parameter not NELAP certified

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Project:

Pollution Control Services

Work Order:

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ANALYTICAL QC SUMMARY REPORT

RunID:

GCMS8_250521B

Sample ID: LCS-120561	Batch ID:	120561		TestNo:	E62	5.1		Units:	mg/L
SampType: LCS	Run ID:	GCMS8	_250521B	Analysis	Date: 5/21	/2025 10:46	:00 AM	Prep Date:	5/20/2025
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimi	t HighLimit 9	%RPD RPDLimit Qua
Aroclor 1016	C	0.00286	0.000200	0.00400	0	71,6	37	130	
Aroclor 1260	C	0.00365	0.000200	0.00400	0	91.4	19	130	
Total PCBs	C	0.00652	0.000200	0.00800	0	81.5	19	130	
Surr: 2-Fluorobiphenyl		2.69		4.000		67.2	43	116	
Surr: 4-Terphenyl-d14		3.01		4.000		75.3	33	141	
Sample ID: MB-120561	Batch ID:	120561		TestNo:	E62	5.1		Units:	mg/L
SampType: MBLK	Run ID:	GCMS8	_250521B	Analysis	Date: 5/21	/2025 12:15	5:00 PM	Prep Date:	5/20/2025
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimi	t HighLimit ^c	%RPD RPDLimit Qua
Aroclor 1016	<0	0.000100	0.000200						
Aroclor 1221	<0	0.000100	0.000200						
Aroclor 1232	<0	0.000100	0.000200						
Aroclor 1242	<0	0.000100	0.000200						
Aroclor 1248	<0	0.000100	0.000200						
Aroclor 1254	<(0.000100	0.000200						
Aroclor 1260	<0	0.000100	0.000200						
Total PCBs	<(0.000100	0.000200						
							40	440	
Surr: 2-Fluorobiphenyl		3.04		4.000		76.0	43	116	

0		1:4	= -		
	ua	ш	10	rs	

B Analyte detected in the associated Method Blank

J Analyte detected between MDL and RL

ND Not Detected at the Method Detection Limit

RL Reporting Limit

J Analyte detected between SDL and RL

DF Dilution Factor

MDL Method Detection Limit

R RPD outside accepted control limits

S Spike Recovery outside control limits
N Parameter not NELAP certified

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Project:

Pollution Control Services

Work Order:

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ANALYTICAL QC SUMMARY REPORT

RunID:

GCMS9_250516C

Sample ID: LCS-120502	Batch ID:	120502		TestNo	E62	5.1		Units:	mg/L
SampType: LCS	Run ID:	GCMS9	_250516C	Analys	is Date: 5/16	/2025 5:40:	00 PM	Prep Date:	5/16/2025
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLim	nit HighLimit %	RPD RPDLimit Qua
Benzidine	0	.00906	0.00400	0.0400	0	22.7	5	125	
Benzo[a]anthracene	(0.0372	0.00200	0.0400	0	92.9	33	143	
Benzo[a]pyrene	(0.0410	0.00200	0.0400	0	103	17	163	
Chrysene	(0.0374	0.00200	0.0400	0	93.5	17	168	
2,4-Dimethylphenol	(0.0328	0.00200	0.0400	0	82.0	32	120	
4,6-Dinitro-o-cresol	(0.0390	0.00400	0.0400	0	97.6	10	181	
m,p-Cresols	(0.0242	0.00400	0.0400	0	60.4	10	125	
o-Cresol	(0.0257	0.00400	0.0400	0	64.2	25	125	
p-Chloro-m-Cresol	(0.0312	0.00400	0.0400	0	78.1	22	147	
Hexachlorobenzene	(0.0354	0.00200	0.0400	0	88.4	10	152	
Hexachlorobutadiene	(0.0325	0.00200	0.0400	0	81.2	24	120	
Hexachloroethane	(0.0323	0.00200	0.0400	0	8.08	40	120	
Nitrobenzene	(0.0467	0.00200	0.0400	0	117	35	180	
N-Nitrosodiethylamine	(0.0286	0.00400	0.0400	0	71.4	20	125	
N-Nitrosodi-n-butylamine	(0.0316	0.00400	0.0400	0	79.0	20	125	
Pentachlorobenzene	(0.0326	0.00200	0.0400	0	81.4	40	140	
Pentachlorophenol	(0.0301	0.00200	0.0400	0	75.3	14	176	
Phenanthrene	(0.0360	0.00200	0.0400	0	90.1	54	120	
Pyridine	(0.0169	0.00200	0.0400	0	42.2	10	75	
1,2,4,5-Tetrachlorobenzene	(0.0305	0.00200	0.0400	0	76.3	30	140	
2,4,5-Trichlorophenol	(0.0345	0.00200	0.0400	0	86.2	25	125	
2-Chlorophenol	(0.0285	0.00200	0.0400	0	71.3	23	134	
2,4-Dichlorophenol	(0.0324	0.00200	0.0400	0	80.9	39	135	
2,4-Dinitrophenol	(0.0271	0.00400	0.0400	0	67.8	10	191	
2-Nitrophenol	(0.0323	0.00200	0.0400	0	80.8	29	182	
4-Nitrophenol	(0.0296	0.00400	0.0400	0	74.0	10	132	
Phenol	(0.0148	0.00200	0.0400	0	36.9	5	120	
2,4,6-Trichlorophenol	(0.0346	0.00200	0.0400	0	86.6	37	144	
Acenaphthene	(0.0363	0.00200	0.0400	0	90.7	47	145	
Acenaphthylene	(0.0362	0.00200	0.0400	0	90.5	33	145	
Anthracene	(0.0378	0.00200	0.0400	0	94.6	27	133	
Benzo[b]fluoranthene	(0.0409	0.00200	0.0400	0	102	24	159	
Benzo[g,h,i]perylene	(0.0407	0.00200	0.0400	0	102	10	219	
Benzo[k]fluoranthene	(0.0348	0.00200	0.0400	0	87.0	11	162	
Bis(2-chloroethoxy)methane		0.0293	0.00200	0.0400	0	73.3	33	184	
Bis(2-chloroethyl)ether		0.0287	0.00200	0.0400	0	71.6	12	158	
Bis(2-chloroisopropyl)ether		0.0269	0.00200	0.0400	0	67.2	36	166	
Bis(2-ethylhexyl)phthalate		0.0344	0.00600	0.0400	0	86.0	10	158	
4-Bromophenyl phenyl ether		0.0352	0.00200	0.0400	0	88.0	53	127	
Butyl benzyl phthalate		0.0307	0.00600	0.0400	0	76.8	10	152	

Qualifiers:

- B Analyte detected in the associated Method Blank
- J Analyte detected between MDL and RL
- ND Not Detected at the Method Detection Limit
- RL Reporting Limit
- J Analyte detected between SDL and RL
- DF Dilution Factor
- MDL Method Detection Limit
 - R RPD outside accepted control limits
- S Spike Recovery outside control limits
- N Parameter not NELAP certified

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Pollution Control Services

Work Order:

2505140

Project:

PCS 801345-46

ANALYTICAL QC SUMMARY REPORT

RunID:

GCMS9_250516C

Sample ID: LCS-120502	Batch ID:	120502		TestNo	E62	5.1		Units:	mg/L	
SampType: LCS	Run ID:	GCMS9	_250516C	Analys	is Date: 5/16 .	/2025 5:40:	00 PM	Prep Date	5/16/	2025
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLim	it HighLimit	%RPD	RPDLimit Qua
2-Chloronaphthalene	(0.0359	0.00200	0.0400	0	89.8	60	120		
4-Chlorophenyl phenyl ether	(0.0351	0.00200	0.0400	0	87.8	25	158		
Dibenz[a,h]anthracene	(0.0412	0.00200	0.0400	0	103	10	125		
3,3'-Dichlorobenzidine	(0.0303	0.00500	0.0400	0	75.8	10	262		
Diethyl phthalate	(0.0373	0.00600	0.0400	0	93.3	10	120		
Dimethyl phthalate	(0.0351	0.00600	0.0400	0	87.8	10	120		
Di-n-butyl phthalate	(0.0409	0.00600	0.0400	0	102	10	120		
2,4-Dinitrotoluene	(0.0370	0.00200	0.0400	0	92.6	39	139		
2,6-Dinitrotoluene	(0.0354	0.00200	0.0400	0	88.4	50	158		
Di-n-octyl phthalate	(0.0284	0.00600	0.0400	0	70.9	10	146		
1,2-Diphenylhydrazine	(0.0334	0.00200	0.0400	0	83.6	40	140		
Fluoranthene	(0.0431	0.00200	0.0400	0	108	26	137		
Fluorene	(0.0371	0.00200	0.0400	0	92.6	59	121		
Hexachlorocyclopentadiene	(0.0338	0.00200	0.0400	0	84.6	8	130		
Indeno[1,2,3-cd]pyrene	(0.0305	0.00200	0.0400	0	76.2	10	171		
Isophorone	(0.0320	0.00200	0.0400	0	79.9	21	196		
Naphthalene	(0.0325	0.00200	0.0400	0	81.4	21	133		
N-Nitrosodimethylamine	(0.0170	0.00200	0.0400	0	42.6	10	125		
N-Nitrosodi-n-propylamine	(0.0333	0.00200	0.0400	0	83.4	10	230		
N-Nitrosodiphenylamine		0.0359	0.00200	0.0400	0	89.7	20	125		
Pyrene	(0.0318	0.00200	0.0400	0	79.4	52	120		
1,2,4-Trichlorobenzene		0.0319	0.00200	0.0400	0	79.8	44	142		
Surr: 2,4,6-Tribromophenol		60.4		80.00		75.5	10	123		
Surr: 2-Fluorobiphenyl		66.0		80.00		82.5	43	116		
Surr: 2-Fluorophenol		42.2		80.00		52.8	21	100		
Surr: 4-Terphenyl-d14		58.6		80.00		73.3	33	141		
Surr: Nitrobenzene-d5		67.2		80.00		84.0	35	115		
Surr: Phenol-d5		30.0		80.00		37.5	10	94		
Sample ID: LCSD-120502	Batch ID:	120502		TestNo	E629	5.1		Units:	mg/L	
SampType: LCSD	Run ID:	GCMS9	_250516C	Analys	is Date: 5/16	/2025 6:02:	00 PM	Prep Date	5/16/	2025
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLim	it HighLimit	%RPD	RPDLimit Qua
Benzidine	0	.00724	0.00400	0.0400	0	18.1	5	125	22.3	50
Benzo[a]anthracene	(0.0364	0.00200	0.0400	0	90.9	33	143	2.18	50
Benzo[a]pyrene	(0.0386	0.00200	0.0400	0	96.5	17	163	6.08	50
Chrysene	(0.0353	0.00200	0.0400	0	88.4	17	168	5.61	50
2,4-Dimethylphenol	(0.0313	0.00200	0.0400	0	78.2	32	120	4.81	50
4,6-Dinitro-o-cresol		0.0347	0.00400	0.0400	0	86.8	10	181	11.7	50
m,p-Cresols		0.0223	0.00400	0.0400	0	55.8	10	125	8.09	50

Qualifiers:

- B Analyte detected in the associated Method Blank
- J Analyte detected between MDL and RL
- ND Not Detected at the Method Detection Limit
- RL Reporting Limit
- J Analyte detected between SDL and RL
- DF Dilution Factor
- MDL Method Detection Limit
 - R RPD outside accepted control limits
 - S Spike Recovery outside control limits
 - N Parameter not NELAP certified

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Pollution Control Services

Work Order:

2505140

Project:

PCS 801345-46

ANALYTICAL QC SUMMARY REPORT

RunID:

GCMS9_250516C

Sample ID: LCSD-120502	Batch ID:	120502		TestN	o: E62	5.1		Units:	mg/	L
SampType: LCSD	Run ID:	GCMS9	_250516C	Analys	sis Date: 5/16	/2025 6:02:	00 PM	Prep Date	5/16	3/2025
Analyte	F	Result	RL	SPK value	Ref Val	%REC	LowLimi	t HighLimit	%RPD	RPDLimit Qua
p-Chloro-m-Cresol	0	.0294	0.00400	0.0400	0	73.4	22	147	6.14	50
Hexachlorobenzene	0	0.0348	0.00200	0.0400	0	87.1	10	152	1.54	50
Hexachlorobutadiene	0	.0305	0.00200	0.0400	0	76.2	24	120	6.48	50
Hexachloroethane	0	.0311	0.00200	0.0400	0	77.8	40	120	3.85	50
Nitrobenzene	0	.0439	0.00200	0.0400	0	110	35	180	6.18	50
N-Nitrosodiethylamine	0	.0268	0.00400	0.0400	0	67.0	20	125	6.36	50
N-Nitrosodi-n-butylamine	0	.0299	0.00400	0.0400	0	74.7	20	125	5.73	50
Pentachlorobenzene	0	.0346	0.00200	0.0400	0	86.5	40	140	5.96	50
Pentachlorophenol	0	.0259	0.00200	0.0400	0	64.8	14	176	15.0	50
Phenanthrene	0	.0349	0.00200	0.0400	0	87.4	54	120	3.04	39
Pyridine	0	.0155	0.00200	0.0400	0	38.7	10	75	8.53	50
1,2,4,5-Tetrachlorobenzene		.0292	0.00200	0.0400	0	73.0	30	140	4.49	50
2,4,5-Trichlorophenol		.0333	0.00200	0.0400	0	83.3	25	125	3.42	50
2-Chlorophenol		0.0267	0.00200	0.0400	0	66.8	23	134	6.59	50
2,4-Dichlorophenol		.0309	0.00200	0.0400	0	77.3	39	135	4.62	50
2,4-Dinitrophenol		.0226	0.00400	0.0400	0	56.4	10	191	18.3	50
2-Nitrophenol		0.0313	0.00200	0.0400	0	78.2	29	182	3.14	50
4-Nitrophenol		.0247	0.00400	0.0400	0	61.9	10	132	17.8	50
Phenol		.0138	0.00200	0.0400	0	34.5	5	120	6.72	50
2,4,6-Trichlorophenol		0.0337	0.00200	0.0400	0	84.2	37	144	2.75	50
Acenaphthene		.0355	0.00200	0.0400	0	88.8	47	145	2.01	48
Acenaphthylene		0.0352	0.00200	0.0400	0	88.1	33	145	2.69	50
Anthracene		0.0359	0.00200	0.0400	0	89.8	27	133	5.15	50
Benzo[b]fluoranthene		0.0358	0.00200	0.0400	0	89.6	24	159	13.1	50
Benzo[g,h,i]perylene		0.0438	0.00200	0.0400	0	109	10	219	7.34	50
Benzo[k]fluoranthene		0.0436	0.00200	0.0400		86.0	11			
Bis(2-chloroethoxy)methane		0.0281	0.00200	0.0400	0	70.2	33	162 184	1.16 4.32	50 50
		0.0265	0.00200	0.0400	0	66.2	12	158	7.98	50
Bis(2-chloroethyl)ether Bis(2-chloroisopropyl)ether		0.0255	0.00200	0.0400	0	63.8	36	166	5.27	
					0					50
Bis(2-ethylhexyl)phthalate		0.0332	0.00600	0.0400	0	82.9	10	158	3.67	50
4-Bromophenyl phenyl ether		0.0354	0.00200	0.0400	0	88.5	53	127	0.567	
Butyl benzyl phthalate		.0300	0.00600	0.0400	0	74.9	10	152	2.57	50
2-Chloronaphthalene		.0345	0.00200	0.0400	0	86.2	60	120	4.09	24
4-Chlorophenyl phenyl ether		.0336	0.00200	0.0400	0	83.9	25	158	4.49	50
Dibenz[a,h]anthracene		.0443	0.00200	0.0400	0	111	10	125	7.30	50
3,3'-Dichlorobenzidine		.0286	0.00500	0.0400	0	71.4	10	262	5.97	50
Diethyl phthalate		.0331	0.00600	0.0400	0	82.8	10	120	11.9	50
Dimethyl phthalate		.0331	0.00600	0.0400	0	82.6	10	120	6.04	50
Di-n-butyl phthalate		.0357	0.00600	0.0400	0	89.2	10	120	13.6	47
2,4-Dinitrotoluene	0	.0328	0.00200	0.0400	0	82.0	39	139	12.1	42
2,6-Dinitrotoluene	0	.0335	0.00200	0.0400	0	83.8	50	158	5.46	48

Qualifiers:

- B Analyte detected in the associated Method Blank
- J Analyte detected between MDL and RL
- ND Not Detected at the Method Detection Limit
- RL Reporting Limit
- J Analyte detected between SDL and RL
- DF Dilution Factor
- MDL Method Detection Limit
 - R RPD outside accepted control limits
 - S Spike Recovery outside control limits
 - N Parameter not NELAP certified

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Pollution Control Services

Work Order:

2505140

Project: PCS

PCS 801345-46

ANALYTICAL QC SUMMARY REPORT

RunID:

GCMS9_250516C

	J-15							icinoj_r			
Sample ID: LCSD-120502	Batch ID:	120502		TestNo	: E62	5.1		Units:	mg/l		
SampType: LCSD	Run ID:	GCMS9	_250516C	Analys	is Date: 5/16	/2025 6:02:	00 PM	Prep Date:	5/16	/2025	
Analyte	F	Result	RL	SPK value	Ref Val	%REC	LowLim	it HighLimit	%RPD	RPDLimit	Qua
Di-n-octyl phthalate	0	.0263	0.00600	0.0400	0	65.8	10	146	7.54	50	
1,2-Diphenylhydrazine	0	.0341	0.00200	0.0400	0	85.3	40	140	2.01	50	
Fluoranthene	0	.0379	0.00200	0.0400	0	94.8	26	137	12.9	50	
Fluorene	0	.0351	0.00200	0.0400	0	87.9	59	121	5.32	38	
Hexachlorocyclopentadiene	0	.0336	0.00200	0.0400	0	84.1	8	130	0.593	50	
Indeno[1,2,3-cd]pyrene	0	.0406	0.00200	0.0400	0	101	10	171	28.4	50	
Isophorone	0	.0305	0.00200	0.0400	0	76.2	21	196	4.67	50	
Naphthalene	0	.0311	0.00200	0.0400	0	77.8	21	133	4.40	50	
N-Nitrosodimethylamine	<0	.00100	0.00200	0.0400	0	0	10	125	0	50	S
N-Nitrosodi-n-propylamine	0	.0311	0.00200	0.0400	0	77.8	10	230	6.89	50	
N-Nitrosodiphenylamine	0	.0353	0.00200	0.0400	0	88.3	20	125	1.52	50	
Pyrene	0	.0312	0.00200	0.0400	0	77.9	52	120	1.97	49	
1,2,4-Trichlorobenzene		.0305	0.00200	0.0400	0	76.2	44	142	4.62	50	
Surr: 2,4,6-Tribromophenol		60.0		80.00		75.0	10	123	0	0	
Surr: 2-Fluorobiphenyl		63.8		80.00		79.8	43	116	0	0	
Surr: 2-Fluorophenol		40.4		80.00		50.5	21	100	0	0	
Surr: 4-Terphenyl-d14		55.6		80.00		69.5	33	141	0	0	
Surr: Nitrobenzene-d5		64.4		80.00		80.5	35	115	0	0	
Surr: Phenol-d5		28.2		80.00		35.2	10	94	0	0	
Sample ID: MB-120502	Batch ID:	120502		TestNo	o: E62	5.1		Units:	mg/	<u>L</u>	
SampType: MBLK	Run ID:	GCMS9	_250516C	Analys	sis Date: 5/16	/2025 9:03:	00 PM	Prep Date	5/16	/2025	
Analyte	F	Result	RL	SPK value	Ref Val	%REC	LowLim	it HighLimit	%RPD	RPDLimit	Qua
Benzidine	<0	.00100	0.00400								
Benzo[a]anthracene	<0	.00100	0.00200								
Benzo[a]pyrene	<0	.00100	0.00200								
Chrysene	<0	.00100	0.00200								
2,4-Dimethylphenol	<0	.00100	0.00200								
4,6-Dinitro-o-cresol	<0	.00200	0.00400								
m,p-Cresols	<0	.00200	0.00400								
o-Cresol	<0	.00200	0.00400								
p-Chloro-m-Cresol	<0	.00200	0.00400								
Hexachlorobenzene	<0	.00100	0.00200								
Hexachlorobutadiene		.00100	0.00200								
Hexachloroethane		.00100	0.00200								
Nitrobenzene		.00100	0.00200								
N-Nitrosodiethylamine		.00200	0.00400								
N-Nitrosodi-n-butylamine		.00100	0.00400								
Pentachlorobenzene		.00100	0.00200								
Pentachlorophenol		.00100	0.00200								
т еттастногорненог	~0	.00100	0.00200								

Qualifiers:

- B Analyte detected in the associated Method Blank
- J Analyte detected between MDL and RL
- ND Not Detected at the Method Detection Limit
- RL Reporting Limit
- J Analyte detected between SDL and RL
- DF Dilution Factor
- MDL Method Detection Limit
 - R RPD outside accepted control limits
 - S Spike Recovery outside control limits
 - N Parameter not NELAP certified

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Pollution Control Services

Work Order:

2505140

Project:

PCS 801345-46

ANALYTICAL QC SUMMARY REPORT

RunID:

GCMS9_250516C

Sample ID: MB-120502	Batch ID: 120502		TestNo	: E625	5.1		Units:	mg/L
SampType: MBLK	Run ID: GCMS9	_250516C	Analys	is Date: 5/16/	2025 9:03:	00 PM	Prep Date:	5/16/2025
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimi	t HighLimit %	RPD RPDLimit Qua
Phenanthrene	<0.00100	0.00200						
Pyridine	< 0.00100	0.00200						
1,2,4,5-Tetrachlorobenzene	<0.00100	0.00200						
2,4,5-Trichlorophenol	< 0.00100	0.00200						
2-Chlorophenol	<0.00100	0.00200						
2,4-Dichlorophenol	<0.00100	0.00200						
2,4-Dinitrophenol	<0.00200	0.00400						
2-Nitrophenol	< 0.00100	0.00200						
4-Nitrophenol	<0.00200	0.00400						
Phenol	<0.00100	0.00200						
2,4,6-Trichlorophenol	< 0.00100	0.00200						
Acenaphthene	< 0.00100	0.00200						
Acenaphthylene	< 0.00100	0.00200						
Anthracene	< 0.00100	0.00200						
Benzo[b]fluoranthene	<0.00100	0.00200						
Benzo[g,h,i]perylene	<0.00100	0.00200						
Benzo[k]fluoranthene	<0.00100	0.00200						
Bis(2-chloroethoxy)methane	< 0.00100	0.00200						
Bis(2-chloroethyl)ether	<0.00100	0.00200						
Bis(2-chloroisopropyl)ether	<0.00100	0.00200						
Bis(2-ethylhexyl)phthalate	<0.00300	0.00600						
4-Bromophenyl phenyl ether	< 0.00100	0.00200						
Butyl benzyl phthalate	<0.00300	0.00600						
2-Chloronaphthalene	< 0.00100	0.00200						
4-Chlorophenyl phenyl ether	<0.00100	0.00200						
Dibenz[a,h]anthracene	< 0.00100	0.00200						
3,3'-Dichlorobenzidine	< 0.00100	0.00500						
Diethyl phthalate	<0.00300	0.00600						
Dimethyl phthalate	<0.00300	0.00600						
Di-n-butyl phthalate	<0.00300	0.00600						
2,4-Dinitrotoluene	<0.00100	0.00200						
2,6-Dinitrotoluene	< 0.00100	0.00200						
Di-n-octyl phthalate	< 0.00300	0.00600						
1,2-Diphenylhydrazine	<0.00100	0.00200						
Fluoranthene	<0.00100	0.00200						
Fluorene	<0.00100	0.00200						
Hexachlorocyclopentadiene	<0.00100	0.00200						
Indeno[1,2,3-cd]pyrene	<0.00100	0.00200						
Isophorone	<0.00100	0.00200						
Naphthalene	< 0.00100	0.00200						
N-Nitrosodimethylamine	<0.00100	0.00200						

Qualifiers:

- B Analyte detected in the associated Method Blank
- J Analyte detected between MDL and RL
- ND Not Detected at the Method Detection Limit
- RL Reporting Limit
- J Analyte detected between SDL and RL
- DF Dilution Factor
- MDL Method Detection Limit
 - R RPD outside accepted control limits
 - S Spike Recovery outside control limits
 - N Parameter not NELAP certified

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Pollution Control Services

Work Order:

2505140

Project:

PCS 801345-46

ANALYTICAL QC SUMMARY REPORT

RunID:

GCMS9_250516C

Sample ID: MB-120502 SampType: MBLK	Batch ID: 1205 Run ID: GCN	02 IS9_250516C	TestNo Analys	is Date: 5/16		00 PM	Units: Prep Date	mg/L 5/16/2025
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLim	it HighLimit	%RPD RPDLimit Qual
N-Nitrosodi-n-propylamine	<0.0010	0 0.00200						
N-Nitrosodiphenylamine	<0.0010	0.00200						
Pyrene	<0.0010	0.00200						
1,2,4-Trichlorobenzene	< 0.0010	0.00200						
Surr: 2,4,6-Tribromophenol	61.4		80.00		76.8	10	123	
Surr: 2-Fluorobiphenyl	65.6		80.00		82.0	43	116	
Surr: 2-Fluorophenol	37.0		80.00		46.3	21	100	
Surr: 4-Terphenyl-d14	62.6		80.00		78.2	33	141	
Surr: Nitrobenzene-d5	66.6		80.00		83.3	35	115	
Surr: Phenol-d5	22.0		80.00		27.5	10	94	

Qualifiers:

B Analyte detected in the associated Method Blank

J Analyte detected between MDL and RL

ND Not Detected at the Method Detection Limit

RL Reporting Limit

J Analyte detected between SDL and RL

DF Dilution Factor

MDL Method Detection Limit

RPD outside accepted control limits

S Spike Recovery outside control limits

N Parameter not NELAP certified

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Pollution Control Services

Work Order:

2505140

Project:

PCS 801345-46

ANALYTICAL QC SUMMARY REPORT

RunID:

GCMS9_250516D

							575		
pplies to the	following sa	amples: 250	5140-01B						
Batch ID:	120502		TestNo	D70	65-17		Units:	mg/L	
Run ID:	GCMS9_	_250516D	Analysi	s Date: 5/16	/2025 8:41:	00 PM	Prep Date:	5/16/2025	
	Result	RL	SPK value	Ref Val	%REC	LowLimi	t HighLimit %	6RPD RPDLimit	Qual
	0.913	0.100	1.00	0	91.3	40	140		N
Batch ID:	120502		TestNo	: D70	65-17		Units:	mg/L	
Run ID:	GCMS9_	_250516D	Analysi	s Date: 5/16	/2025 9:03:	00 PM	Prep Date:	5/16/2025	
	Result	RL	SPK value	Ref Val	%REC	LowLim	it HighLimit %	6RPD RPDLimit	Qual
<	<0.0700	0.100							N
	Batch ID: Run ID: Batch ID: Run ID:	Batch ID: 120502 Run ID: GCMS9 Result 0.913 Batch ID: 120502	Batch ID: 120502 Run ID: GCMS9_250516D Result RL 0.913 0.100 Batch ID: 120502 Run ID: GCMS9_250516D Result RL	Run ID: GCMS9_250516D Analysi Result RL SPK value 0.913 0.100 1.00 Batch ID: 120502 TestNo Run ID: GCMS9_250516D Analysi Result RL SPK value	Batch ID: 120502 TestNo: D700 Run ID: GCMS9_250516D Analysis Date: 5/16 Result RL SPK value Ref Val 0.913 0.100 1.00 0 Batch ID: 120502 TestNo: D700 Run ID: GCMS9_250516D Analysis Date: 5/16 Result RL SPK value Ref Val	Batch ID: 120502 TestNo: D7065-17 Run ID: GCMS9_250516D Analysis Date: 5/16/2025 8:41: Result RL SPK value Ref Val %REC 0.913 0.100 1.00 0 91.3 Batch ID: 120502 TestNo: D7065-17 Run ID: GCMS9_250516D Analysis Date: 5/16/2025 9:03: Result RL SPK value Ref Val %REC	Batch ID: 120502 TestNo: D7065-17 Run ID: GCMS9_250516D Analysis Date: 5/16/2025 8:41:00 PM Result RL SPK value Ref Val %REC LowLimit 0.913 0.100 1.00 0 91.3 40 Batch ID: 120502 TestNo: D7065-17 Run ID: GCMS9_250516D Analysis Date: 5/16/2025 9:03:00 PM Result RL SPK value Ref Val %REC LowLimit	Batch ID: 120502 TestNo: D7065-17 Units: Run ID: GCMS9_250516D Analysis Date: 5/16/2025 8:41:00 PM Prep Date: Result RL SPK value Ref Val %REC LowLimit HighLimit % 0.913 0.100 1.00 0 91.3 40 140 Batch ID: 120502 TestNo: D7065-17 Units: Run ID: GCMS9_250516D Analysis Date: 5/16/2025 9:03:00 PM Prep Date: Result RL SPK value Ref Val %REC LowLimit HighLimit %	Batch ID: 120502 TestNo: D7065-17 Units: mg/L Run ID: GCMS9_250516D Analysis Date: 5/16/2025 8:41:00 PM Prep Date: 5/16/2025 Result RL SPK value Ref Val %REC LowLimit HighLimit %RPD RPDLimit 0.913 0.100 1.00 0 91.3 40 140 Batch ID: 120502 TestNo: D7065-17 Units: mg/L Run ID: GCMS9_250516D Analysis Date: 5/16/2025 9:03:00 PM Prep Date: 5/16/2025 Result RL SPK value Ref Val %REC LowLimit HighLimit %RPD RPDLimit

Qualifiers:

Analyte detected in the associated Method Blank

Analyte detected between MDL and RL J

ND Not Detected at the Method Detection Limit

Reporting Limit

Analyte detected between SDL and RL

DF Dilution Factor

MDL Method Detection Limit

RPD outside accepted control limits

S Spike Recovery outside control limits

N Parameter not NELAP certified Page 12 of 17

Pollution Control Services

Work Order:

2505140

Project:

PCS 801345-46

ANALYTICAL QC SUMMARY REPORT

RunID:

GCMS7_250514B

Sample ID: LCS-120469	Batch ID:	120469	9	TestNo): E62 4	4.1		Units:	mg/L	
SampType: LCS	Run ID:	GCMS	7_250514B	Analysis Date: 5/14/2025 10:34:00 AM				Prep Date: 5/14/2025		
Analyte	ı	Result	RL	SPK value	Ref Val	%REC	LowLim	it HighLimit 9	%RPD RPDLimit Qua	
Benzene	(0.0245	0.00100	0.0232	0	106	65	135		
Carbon tetrachloride	(0.0236	0.00100	0.0232	0	102	70	130		
Chlorobenzene	(0.0236	0.00100	0.0232	0	102	35	135		
Chloroform	(0.0233	0.00100	0.0232	0	100	70	135		
Chlorodibromomethane	(0.0243	0.00100	0.0232	0	105	70	135		
1,2-Dibromoethane	(0.0242	0.00100	0.0232	0	104	60	140		
1,2-Dichloroethane	(0.0212	0.00100	0.0232	0	91.2	70	130		
1,1-Dichloroethene	(0.0245	0.00100	0.0232	0	105	50	150		
Methyl ethyl ketone		0.158	0.0150	0.116	0	136	60	140		
Tetrachloroethene	(0.0246	0.00200	0.0232	0	106	70	130		
Trichloroethene	(0.0259	0.00100	0.0232	0	112	65	135		
1,1,1-Trichloroethane	(0.0229	0.00100	0.0232	0	98.6	70	130		
TTHM (Total Trihalomethanes)	(0.0961	0.00100	0.0928	0	104	60	140		
Vinyl chloride	(0.0251	0.00100	0.0232	0	108	5	195		
Acrolein	(0.0710	0.0150	0.0580	0	122	60	140		
Acrylonitrile	(0.0571	0.00300	0.0464	0	123	60	140		
1,1,2,2-Tetrachloroethane	(0.0246	0.00100	0.0232	0	106	60	140		
Bromoform	(0.0252	0.00100	0.0232	0	109	65	135		
Chloroethane	(0.0248	0.00500	0.0232	0	107	40	160		
2-Chloroethylvinylether	C	0.0277	0.0100	0.0232	0	119	5	225		
Bromodichloromethane		0.0233	0.00100	0.0232	0	101	65	135		
1,1-Dichloroethane	(0.0242	0.00100	0.0232	0	104	70	130		
1,2-Dichloropropane	(0.0254	0.00100	0.0232	0	109	35	165		
1,3-Dichloropropene (cis)	(0.0254	0.00100	0.0232	0	110	25	175		
1,3-Dichloropropene (trans)	C	0.0245	0.00100	0.0232	0	106	50	150		
Ethylbenzene	(0.0238	0.00100	0.0232	0	103	60	140		
Methyl bromide	(0.0256	0.00500	0.0232	0	110	15	185		
Methyl chloride	C	0.0254	0.00500	0.0232	0	109	5	205		
Methylene chloride (DCM)	(0.0241	0.00500	0.0232	0	104	60	140		
Toluene	(0.0251	0.00200	0.0232	0	108	70	130		
trans-1,2-Dichloroethylene	(0.0248	0.00200	0.0232	0	107	70	130		
1,1,2-Trichloroethane	(0.0255	0.00100	0.0232	0	110	70	130		
1,2-Dichlorobenzene		0.0242	0.00100	0.0232	0	104	65	135		
1,3-Dichlorobenzene		0.0238	0.00100	0.0232	0	102	70	130		
1,4-Dichlorobenzene		0.0235	0.00100	0.0232	0	101	65	135		
Surr: 1,2-Dichloroethane-d4		178		200.0		88.8	72	119		
Surr: 4-Bromofluorobenzene		186		200.0		93.2	76	119		
Surr: Dibromofluoromethane		205		200.0		102	85	115		
Surr: Toluene-d8		191		200.0		95.4	81	120		

Qualifiers:

- B Analyte detected in the associated Method Blank
- J Analyte detected between MDL and RL
- ND Not Detected at the Method Detection Limit
- RL Reporting Limit
- J Analyte detected between SDL and RL
- DF Dilution Factor
- MDL Method Detection Limit
- R RPD outside accepted control limits
- S Spike Recovery outside control limits
- N Parameter not NELAP certified

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Pollution Control Services

Work Order:

2505140

Project:

PCS 801345-46

ANALYTICAL QC SUMMARY REPORT

RunID:

GCMS7_250514B

Sample ID: MB-120469	Batch ID: 1	20469	Test	:No: E	624.1		Units:	mg/L
SampType: MBLK	Run ID: GCMS7_250514B		IB Ana	lysis Date: 5/	14/2025 11:24	Prep Date: 5/14/2025		
Analyte	Res	sult R	SPK value	e Ref Val	%REC	LowLimi	it HighLimit 🤋	6RPD RPDLimit Qual
Benzene	<0.00	0.00	100					
Carbon tetrachloride	<0.00	0.00 0.00	100					
Chlorobenzene	<0.00	0.00 0.00	100					
Chloroform	<0.00	0.00 0.00	100					
Chlorodibromomethane	<0.00	0.00 0.00	100					
1,2-Dibromoethane	<0.00	0.00	100					
1,2-Dichloroethane	< 0.00	0.00	100					
1,1-Dichloroethene	<0.00	0.00 0.00	100					
Methyl ethyl ketone	<0.0	0500 0.01	50					
Tetrachloroethene	<0.00	0.00 0.00	200					
Trichloroethene	<0.00	0.00 0.00	100					
1,1,1-Trichloroethane	<0.00	0.00 0.00	100					
TTHM (Total Trihalomethanes)	<0.00	00.00	100					
Vinyl chloride	<0.00	0.00 0.00	100					
Acrolein	<0.0	0500 0.01	50					
Acrylonitrile	<0.0	0100 0.00	300					
1,1,2,2-Tetrachloroethane	< 0.00	0.00	100					
Bromoform	< 0.00	0.00	100					
Chloroethane	<0.0	0100 0.00	500					
2-Chloroethylvinylether	<0.0	0600 0.01	00					
Bromodichloromethane	<0.00	0.00	100					
1,1-Dichloroethane	<0.00	00.00	100					
1,2-Dichloropropane	< 0.00	00.00	100					
1,3-Dichloropropene (cis)	<0.00	00.00	100					
1,3-Dichloropropene (trans)	<0.00	00.00	100					
Ethylbenzene	<0.00	00.00	100					
Methyl bromide	<0.0	0100 0.00	500					
Methyl chloride	<0.0	0100 0.00	500					
Methylene chloride (DCM)	<0.0	0250 0.00	500					
Toluene	< 0.00	0.00	200					
trans-1,2-Dichloroethylene	<0.00	0.00	200					
1,1,2-Trichloroethane	<0.00	00.00	100					
1,2-Dichlorobenzene		0.00						
1,3-Dichlorobenzene		0.00						
1,4-Dichlorobenzene		0.00						
Surr: 1,2-Dichloroethane-d4		70	200.0		85.0	72	119	
Surr: 4-Bromofluorobenzene		96	200.0		97.8	76	119	
Surr: Dibromofluoromethane		04	200.0		102	85	115	
Surr: Toluene-d8		89	200.0		94.7	81	120	

Ou	alit	fiers

- Analyte detected in the associated Method Blank
- Analyte detected between MDL and RL
- ND Not Detected at the Method Detection Limit
- RL Reporting Limit
- Analyte detected between SDL and RL
- DF Dilution Factor
- MDL Method Detection Limit
 - R RPD outside accepted control limits
 - Spike Recovery outside control limits
 - Parameter not NELAP certified

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Pollution Control Services

Work Order:

2505140

Project:

PCS 801345-46

ANALYTICAL QC SUMMARY REPORT

RunID:

GCMS7_250514B

Sample ID: 2505133-01AMS	Batch ID: 120469		TestNo	E624	1.1		Units:	mg/L
SampType: MS	Run ID: GCMS7	_250514B	Analys	is Date: 5/14	/2025 6:21:	::21:00 PM Prep Date: 5/		5/14/2025
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLim	it HighLimit %	6RPD RPDLimit Qua
Benzene	0.247	0.0100	0.232	0	106	37	151	
Carbon tetrachloride	0.236	0.0100	0.232	0	102	70	140	
Chlorobenzene	0.231	0.0100	0.232	0	99.4	37	160	
Chloroform	0.234	0.0100	0.232	0	101	51	138	141
Chlorodibromomethane	0.241	0.0100	0.232	0	104	53	149	
1,2-Dibromoethane	0.237	0.0100	0.232	0	102	40	160	
1,2-Dichloroethane	0.208	0.0100	0.232	0	89.7	49	155	
1,1-Dichloroethene	0.247	0.0100	0.232	0	107	10	234	
Methyl ethyl ketone	1.39	0.150	1.16	0	120	40	160	
Tetrachloroethene	0.246	0.0200	0.232	0	106	64	148	
Trichloroethene	0.256	0.0100	0.232	0	110	70	157	
1,1,1-Trichloroethane	0.227	0.0100	0.232	0	97.9	52	162	
TTHM (Total Trihalomethanes)	0.951	0.0100	0.928	0	102	40	160	
Vinyl chloride	0.251	0.0100	0.232	0	108	10	251	
Acrolein	< 0.0500	0.150	0.580	0	0	40	160	S
Acrylonitrile	0.519	0.0300	0.464	0	112	40	160	
1,1,2,2-Tetrachloroethane	0.229	0.0100	0.232	0	98.6	46	157	
Bromoform	0.246	0.0100	0.232	0	106	45	169	
Chloroethane	0.251	0.0500	0.232	0	108	14	230	
2-Chloroethylvinylether	0.194	0.100	0.232	0	83.5	5	273	
Bromodichloromethane	0.231	0.0100	0.232	0	99.6	35	155	
1,1-Dichloroethane	0.243	0.0100	0.232	0	105	59	155	
1,2-Dichloropropane	0.255	0.0100	0.232	0	110	10	210	
1,3-Dichloropropene (cis)	0.240	0.0100	0.232	0	103	10	227	
1,3-Dichloropropene (trans)	0.233	0.0100	0.232	0	101	17	183	
Ethylbenzene	0.238	0.0100	0.232	0	103	37	162	
Methyl bromide	0.266	0.0500	0.232	0	115	10	242	
Methyl chloride	0.251	0.0500	0.232	0	108	5	273	
Methylene chloride (DCM)	0.237	0.0500	0.232	0	102	10	221	
Toluene	0.252	0.0200	0.232	0	109	47	150	
trans-1,2-Dichloroethylene	0.247	0.0200	0.232	0	106	54	156	
1,1,2-Trichloroethane	0.251	0.0100	0.232	0	108	52	150	
1,2-Dichlorobenzene	0.232	0.0100	0.232	0	99.9	18	190	
1,3-Dichlorobenzene	0.232	0.0100	0.232	Ō	99.8	59	156	
1.4-Dichlorobenzene	0.224	0.0100	0.232	0	96.6	18	190	
Surr: 1,2-Dichloroethane-d4	1650	0.0100	2000	v	82.6	72	119	
Surr: 4-Bromofluorobenzene	1860		2000		93.1	76	119	
Surr: Dibromofluoromethane	2060		2000		103	85	115	
Surr: Toluene-d8	1920		2000		96.2	81	120	

Q	u	a	li	fi	e	r	5

- B Analyte detected in the associated Method Blank
- J Analyte detected between MDL and RL
- ND Not Detected at the Method Detection Limit
- RL Reporting Limit
- J Analyte detected between SDL and RL
- DF Dilution Factor
- MDL Method Detection Limit
 - R RPD outside accepted control limits
 - S Spike Recovery outside control limits
 - N Parameter not NELAP certified

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Pollution Control Services

Work Order:

2505140

Project:

PCS 801345-46

ANALYTICAL QC SUMMARY REPORT

RunID:

GCMS7_250514B

Sample ID: 2505133-01AMSD	Batch ID: 120469		TestNo	E624	1.1		Units:	mg/l	L	
SampType: MSD	Run ID: GCMS7	7_250514B	Analys	is Date: 5/14	/2025 6:45:	00 PM	Prep Date	5/14	/2025	
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimi	t HighLimit	%RPD	RPDLimit	Qua
Benzene	0.254	0.0100	0.232	0	109	37	151	2.92	40	
Carbon tetrachloride	0.241	0.0100	0.232	0	104	70	140	2.02	40	
Chlorobenzene	0.231	0.0100	0.232	0	99.5	37	160	0.086	40	
Chloroform	0.241	0.0100	0.232	0	104	51	138	3.03	40	
Chlorodibromomethane	0.236	0.0100	0.232	0	102	53	149	1.76	40	
1,2-Dibromoethane	0.236	0.0100	0.232	0	102	40	160	0.296	40	
1,2-Dichloroethane	0.215	0.0100	0.232	0	92.8	49	155	3.45	40	
1,1-Dichloroethene	0.254	0.0100	0.232	0	109	10	234	2.48	32	
Methyl ethyl ketone	1.38	0.150	1.16	0	119	40	160	1.18	40	
Tetrachloroethene	0.245	0.0200	0.232	0	106	64	148	0.244	39	
Trichloroethene	0.262	0.0100	0.232	0	113	70	157	2.24	40	
1,1,1-Trichloroethane	0.234	0.0100	0.232	0	101	52	162	2.73	36	
TTHM (Total Trihalomethanes)	0.958	0.0100	0.928	0	103	40	160	0.723		
Vinyl chloride	0.258	0.0100	0.232	0	111	10	251	2.87	40	
Acrolein	<0.0500	0.150	0.580	0	0	40	160	0	40	S
Acrylonitrile	0.537	0.0300	0.464	0	116	40	160	3.43	40	
1,1,2,2-Tetrachloroethane	0.230	0.0100	0.232	0	99.2	46	157	0.610		
Bromoform	0.243	0.0100	0.232	0	105	45	169	1.11	40	
Chloroethane	0.255	0.0500	0.232	0	110	14	230	1.62	40	
2-Chloroethylvinylether	0.189	0.100	0.232	0	81.3	5	273	2.67	40	
Bromodichloromethane	0.238	0.0100	0.232	0	102	35	155	2.82	40	
1,1-Dichloroethane	0.247	0.0100	0.232	0	107	59	155	1.79	40	
1,2-Dichloropropane	0.258	0.0100	0.232	0	111	10	210	1.17	40	
1,3-Dichloropropene (cis)	0.246	0.0100	0.232	0	106	10	227	2.63	40	
1,3-Dichloropropene (trans)	0.235	0.0100	0.232	0	101	17	183	0.811		
100 100 100 100 100 100 100 100 100 100	0.234	0.0100	0.232	0	101	37	162	1.52	40	
Ethylbenzene Methyl bromide	0.268	0.0500	0.232	0	115	10	242	0.825		
Methyl chloride	0.263	0.0500	0.232	0	113	5	273	4.71	40	
Methylene chloride (DCM)	0.243	0.0500	0.232	0	105	10	273	2.21	28	
Toluene									40	
	0.258	0.0200	0.232	0	111	47	150	2.43		
trans-1,2-Dichloroethylene	0.255	0.0200	0.232	0	110	54	156	3.38	40	
1,1,2-Trichloroethane	0.251	0.0100	0.232	0	108	52	150	0.159		
1,2-Dichlorobenzene	0.233	0.0100	0.232	0	100	18	190	0.602		
1,3-Dichlorobenzene	0.234	0.0100	0.232	0	101	59	156	1.20	40	
1,4-Dichlorobenzene	0.236	0.0100	0.232	0	102	18	190	4.92	40	
Surr: 1,2-Dichloroethane-d4	1700		2000		85.0	72	119	0	0	
Surr: 4-Bromofluorobenzene	1860		2000		93.0	76	119	0	0	
Surr: Dibromofluoromethane	2060		2000		103	85	115	0	0	
Surr: Toluene-d8	1890		2000		94.7	81	120	0	0	

Qualifiers:

B Analyte detected in the associated Method Blank

J Analyte detected between MDL and RL

ND Not Detected at the Method Detection Limit

RL Reporting Limit

J Analyte detected between SDL and RL

DF Dilution Factor

MDL Method Detection Limit

R RPD outside accepted control limits

S Spike Recovery outside control limits

N Parameter not NELAP certified

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Pollution Control Services

Work Order:

2505140

Project:

PCS 801345-46

ANALYTICAL QC SUMMARY REPORT

RunID:

UV/VIS_2_250515A

								100	
The QC data in batch 120488 ap	plies to the	following sar	mples: 250	5140-02B					
Sample ID: MB-120488	Batch ID:	120488		TestNo:	M4	500-CN E		Units:	mg/L
SampType: MBLK	Run ID:	UV/VIS_2	_250515A	Analysis	Date: 5/1 6	6/2025 10:13:	00 AM	Prep Date:	5/15/2025
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	t HighLimit 9	%RPD RPDLimit C
Cyanide, Amenable to Chlorinati	on	<0.0100	0.0200						
Cyanide, Total		<0.0100	0.0200						
Sample ID: LCS-120488	Batch ID:	120488		TestNo:	M4:	500-CN E		Units:	mg/L
SampType: LCS	Run ID:	UV/VIS_2	_250515A	Analysis	Date: 5/10	6/2025 10:14:	00 AM	Prep Date:	5/15/2025
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	t HighLimit 9	%RPD RPDLimit C
Cyanide, Total		0.200	0.0200	0.2000	0	100	85	115	
Sample ID: 2505140-02BMS	Batch ID:	120488		TestNo:	M4:	500-CN E		Units:	mg/L
SampType: MS	Run ID:	UV/VIS_2	_250515A	Analysis	Date: 5/10	6/2025 10:14:	00 AM	Prep Date:	5/15/2025
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	t HighLimit 9	%RPD RPDLimit C
Cyanide, Total		0.191	0.0200	0.2000	0	95.6	79	114	
Sample ID: 2505140-02BMSD	Batch ID:	120488		TestNo:	M4:	500-CN E		Units:	mg/L
SampType: MSD	Run ID:	UV/VIS_2	_250515A	Analysis	Date: 5/1	6/2025 10:15:	MA 00	Prep Date:	5/15/2025
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimi	t HighLimit 9	%RPD RPDLimit G
Cyanide, Total		0.183	0.0200	0.2000	0	91.5	79	114	4.38 20

Qualifiers:

B Analyte detected in the associated Method Blank

 $J \quad \ \mbox{Analyte detected between MDL and RL}$

ND Not Detected at the Method Detection Limit

RL Reporting Limit

J Analyte detected between SDL and RL

DF Dilution Factor

MDL Method Detection Limit

R RPD outside accepted control limits
Spike Recovery outside control limits

N Parameter not NELAP certified

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Pollution Control Services

Sample Log-In Checklist

801345

PCS Sample No(s) 80 1 5 4 5 80 1 3 4 7 COC No.
Client/Company Name: CCM A Checklist Completed by: 54 A
Sample Delivery to Lab Via: Client Drop Off Commercial Carrier: Bus UPS Lone Star FedEx USPS PCS Field Services: Collection/Pick Up Other:
Sample Kit/Coolers
Sample Vit/Cooler? Vos No. Sample Vit/Cooler: Intest? Vos No.
Custody Seals on Sample Kit/Cooler: Not Present If Present, Intact Broken
Sample Containers Intact; Unbroken and Not Leaking? Yes No
Custody Seals on Sample Bottles: Not Present If Present, Intact Broken COC Present with Shipment or Delivery or Completed at Drop Off? Yes No
Has COC sample date/time and other pertinent information been provided by client/sampler? Yes: No:
Has COC been properly Signed when Received/Relinquished? Yes No
Does COC agree with Sample Bottle Information, Bottle Types, Preservation, etc.? Yes No
All Samples Received before Hold Time Expiration? YesNo
Sufficient Sample Volumes for Analysis Requested? YesXo
Zero Headspace in VOA Vial? Yes No
Sample Preservation:
* Cooling: Not Required or Required
* Cooling: Not Required or Requ
Lab Thermometer Make and Serial Number: Vaughan 1807009583 Other:
Acid Preserved Sample - If present, is pH <2? Yes No ** H ₂ SO ₄ HNO ₃ H ₃ PO ₄ Base Preserved Sample - If present, is pH >12? Yes No NaOH Other Preservation: If Present, Meets Requirements? Yes No Sample Preservations Checked by: Date 5.13.29 Time HDD H paper used to check sample preservation (PCS log #): HEM pH checked at analysis). Samples Preserved/Adjusted by Lab: Lab # Parameters Preserved Preservative Used Log #
Samples Preserved/Adjusted by Lab: Lab # Parameters Preserved Preservative Used Log #
Adjusted by Tech/Analyst:Date :Time:
Client Notification/ Documentation for "No" Responses Above/ Discrepancies/ RevisionCommen
Person Notified: Contacted by: Notified Date: Time:
Notified Date:Time:
Method of Contact: At Drop Off: Phone Left Voice Mail E-Mail Fax Unable to Contact Authorized Laboratory to Proceed: (Lab Director)
Unable to Contact Authorized Laboratory to Proceed : (Lab Director Regarding / Comments:
regarding / Comments
Actions taken to correct problems/discrepancies:
Receiving qualifier needed (requires client notification above) Temp Holding Time Initails:
Receiving qualifier entered into LIMS at login Initial/Date:
Revision Comments:

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 4.0: POLLUTANT ANALYSIS REQUIREMENTS

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

This worksheet is not required minor amendments without renewal.

Section 1. Toxic Pollutants (Instructions Page 78)

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

Grab 🔽

Composite 🛮

Date and time sample(s) collected:

5/13/2025 @ 1200 - Comp; 1230 - Grab

Table 4.0(1) - Toxics Analysis

Pollutant	AVG Effluent	MAX Effluent	Number of	MAL
	Conc. (µg/l)	Conc. (µg/l)	Samples	(μg/l)
Acrylonitrile	<1	Corre. (µg/1)		1
		<u> </u>	1	
Aldrin	<0.01		1	0.01
Aluminum	820		1	2.5
Anthracene	<1		1	1
Antimony	<5		1	5
Arsenic	<0.5		1	0.5
Barium	36		1	3
Benzene	<0.3		1	0.3
Benzidine	<1		1	1
Benzo(a)anthracene	<1		1	1
Benzo(a)pyrene	<1		1	1
Bis(2-chloroethyl)ether	<1		1	1
Bis(2-ethylhexyl)phthalate	<3		1	3
Bromodichloromethane	20.1		1	0.3
Bromoform	0.4		1	0.3
Cadmium	<1		1	1
Carbon Tetrachloride	<0.3		1	0.3
Carbaryl	<0.001		1	0.001
Chlordane*	<0.06		1	0.06
Chlorobenzene	<0.3		1	0.3
Chlorodibromomethane	6.4		1	0.3

Pollutant	AVG	MAX	The second services of the second	MAL
	Effluent	Effluent	of Samples	(μ g /l)
Chloroform	Conc. (μg/l)	Conc. (μg/l)	Samples	0.3
	25.6		1	
Chlorpyrifos	<0.01			0.01
Chromium (Total)	<3		1	3
Chromium (Tri) (*1)	<3		1	N/A
Chromium (Hex)	<3		1	3
Copper	4		1	2
Chrysene	<1		1	1
p-Chloro-m-Cresol	<2		1	2
4,6-Dinitro-o-Cresol	<2		1	2
p-Cresol	<2		1	2
Cyanide (*2)	<10		1	10
4,4'- DDD	<0.01		1	0.01
4,4'- DDE	<0.01		1	0.01
4,4'- DDT	<0.01		1	0.01
2,4-D	<0.7		1	0.7
Demeton (O and S)	<0.01		1	0.01
Diazinon	<0.01		1	0.01
1,2-Dibromoethane	<0.3		1	0.3
m-Dichlorobenzene	<0.3		1	0.3
o-Dichlorobenzene	<0.3		1	0.3
p-Dichlorobenzene	<0.3		1	0.3
3,3'-Dichlorobenzidine	<1		1	1
1,2-Dichloroethane	<0.3		1	0.3
1,1-Dichloroethylene	<0.3		1	0.3
Dichloromethane	<2.5		1	2.5
1,2-Dichloropropane	<0.3		1	0.3
1,3-Dichloropropene	<0.3		1	0.3
Dicofol	<0.1		1	0.1
Dieldrin	<0.01		1	0.01
2,4-Dimethylphenol	<1		1	1
Di-n-Butyl Phthalate	<3		1	3
Diuron	<0.03		1	0.03
Endosulfan I (alpha)	<0.01		1	0.01

Pollutant	AVG Effluent	MAX Effluent	Number of	MAL (μg/l)
	Conc. (µg/l)	Conc. (µg/l)	Samples	
Endosulfan II (beta)	<0.01		1	0.01
Endosulfan Sulfate	<0.01		1	0.01
Endrin	<0.01		1	0.01
Ethylbenzene	<0.3		1	0.3
Fluoride	<200		1	200
Guthion	<0.01		1	0.01
Heptachlor	<0.01		1	0.01
Heptachlor Epoxide	<0.01		1	0.01
Hexachlorobenzene	<1		1	1
Hexachlorobutadiene	<1		1	1
Hexachlorocyclohexane (alpha)	<0.01		1	0.01
Hexachlorocyclohexane (beta)	<0.01		1	0.01
gamma-Hexachlorocyclohexane	<0.01		1	0.01
(Lindane)	<0.01		1	
Hexachlorocyclopentadiene	<1		1	1
Hexachloroethane	<1		1	1
Hexachlorophene	<1		1	1
Lead	0.5		1	0.5
Malathion	<0.01		1	0.01
Mercury	<0.005		1	0.005
Methoxychlor	<0.02		1	0.02
Methyl Ethyl Ketone	<5		1	5
Mirex	<0.01		1	0.01
Nickel	2		1	2
Nitrate-Nitrogen	36,300		1	100
Nitrobenzene	<1		1	1
N-Nitrosodiethylamine	<2		1	2
N-Nitroso-di-n-Butylamine	<1		1	1
Nonylphenol	<67.9		1	67.9
Parathion (ethyl)	<0.01		1	0.01
Pentachlorobenzene	<1		1	1
Pentachlorophenol	<1		1	1
Phenanthrene	<1		1	1

Pollutant	AVG Effluent	MAX Effluent	Number of	MAL (μg/l)
	Conc. (µg/l)	Conc. (µg/l)	Samples	(μg/1)
Polychlorinated Biphenyls (PCB's) (*3)	<0.2	τοπε. (μg/ 1)	1	0.2
Pyridine	<1		1	1
Selenium	<5		1	5
Silver	<0.5		1	0.5
1,2,4,5-Tetrachlorobenzene	<1		1	1
1,1,2,2-Tetrachloroethane	<0.3		1	0.3
Tetrachloroethylene	<0.6		1	0.6
Thallium	<0.5		1	0.5
Toluene	<0.6		1	0.6
Toxaphene	<0.3		1	0.3
2,4,5-TP (Silvex)	<0.3		1	0.3
Tributyltin (see instructions for				
explanation)	N/A		1	0.01
1,1,1-Trichloroethane	<0.3		1	0.3
1,1,2-Trichloroethane	<0.3		1	0.3
Trichloroethylene	<0.6		1	0.6
2,4,5-Trichlorophenol	<1		1	1
TTHM (Total Trihalomethanes)	52.5		1	0.3
Vinyl Chloride	<0.3		1	0.3
Zinc	170		1	5

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

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

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

Section 2. Priority Pollutants

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

Grab



Composite



Date and time sample(s) collected:

5/13/2025 @ 1200 - Comp; 1230 - Grab

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

Pollutant	AVG	MAX	Number	MAL
	Effluent	Effluent	of	(µg/l)
	Conc. (µg/l)	Conc. (µg/l)	Samples	
Antimony	<5		1	5
Arsenic	<0.5		1	0.5
Beryllium	<0.5		1	0.5
Cadmium	<1		1	1
Chromium (Total)	<3		1	3
Chromium (Hex)	<3		1	3
Chromium (Tri) (*1)	<3		1	N/A
Copper	4		1	2
Lead	0.5		1	0.5
Mercury	<0.005		1	0.005
Nickel	2		1	2
Selenium	<5		1	5
Silver	<0.5		1	0.5
Thallium	<0.5		1	0.5
Zinc	170		1	5
Cyanide (*2)	<10		1	10
Phenols, Total	280		1	10

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

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

Table 4.0(2)B - Volatile Compounds

Pollutant	AVG Effluent	MAX Effluent	Number of	MAL (µg/l)
	Conc. (µg/l)	Conc. (µg/l)	Samples	
Acrolein	<5		1	5
Acrylonitrile	<1		1	1
Benzene	<0.3		1	0.3
Bromoform	0.4		1	0.3
Carbon Tetrachloride	< 0.3		1	0.3
Chlorobenzene	<0.3		1	0.3
Chlorodibromomethane	6.4		1	0.3
Chloroethane	<1		1	1
2-Chloroethylvinyl Ether	<6		1	6
Chloroform	25.6		1	0.3
Dichlorobromomethane	20.1		1	0.3
[Bromodichloromethane]	20.1		'	0.3
1,1-Dichloroethane	<0.3		1	0.3
1,2-Dichloroethane	<0.3		1	0.3
1,1-Dichloroethylene	<0.3		1	0.3
1,2-Dichloropropane	<0.3		1	0.3
1,3-Dichloropropylene [1,3-Dichloropropene]	<0.3		1	0.3
1,2-Trans-Dichloroethylene	<0.3	1	1	0.3
Ethylbenzene	<0.3		1 1	0.3
Methyl Bromide	<1		1	1
Methyl Chloride	<1		1	1
Methylene Chloride	<2.5		1	2.5
1,1,2,2-Tetrachloroethane	<10		1	10
Tetrachloroethylene	<0.6		1	0.6
Toluene	<0.3		1	0.3
1,1,1-Trichloroethane	<0.3		1	0.3
1,1,2-Trichloroethane	<0.3		1	0.3
Trichloroethylene	<0.6		1	0.6
Vinyl Chloride	<0.3		1	0.3

Table 4.0(2)C - Acid Compounds

Pollutant	AVG Effluent	MAX Effluent	Number of Samples	MAL (µg/l)
	Conc. (µg/l)	Conc. (µg/l)	_	
2-Chlorophenol	<1		1	1
2,4-Dichlorophenol	<1		1	1
2,4-Dimethylphenol	<1		1	1
4,6-Dinitro-o-Cresol	<2		1	2
2,4-Dinitrophenol	<2		1	2
2-Nitrophenol	<1		1	1
4-Nitrophenol	<2		1	2
P-Chloro-m-Cresol	<3		1	3
Pentalchlorophenol	<1		1	1
Phenol	<1		1	1
2,4,6-Trichlorophenol	<1		1	1

Table 4.0(2)D - Base/Neutral Compounds

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

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

Table 4.0(2)E - Pesticides

Pollutant	AVG Effluent	MAX Effluent	Number of	MAL
	Conc. (µg/l)	Conc. (µg/l)	Samples	(µg/l)
Aldrin	<0.01	Conc. (µg/1)	1	0.01
alpha-BHC (Hexachlorocyclohexane)	<0.01		1	0.01
beta-BHC (Hexachlorocyclohexane)	<0.01		1	0.01
gamma-BHC	10.01			0.01
(Hexachlorocyclohexane)	<0.01		1	0.01
delta-BHC (Hexachlorocyclohexane)	<0.01		1	0.01
Chlordane	<0.06		1	0.06
4,4-DDT	<0.01		1	0.01
4,4-DDE	<0.01		1	0.01
4,4,-DDD	<0.01		1	0.01
Dieldrin	<0.01		1	0.01
Endosulfan I (alpha)	<0.01		1	0.01
Endosulfan II (beta)	<0.01		1	0.01
Endosulfan Sulfate	<0.01		1	0.01
Endrin	<0.01		1	0.01
Endrin Aldehyde	<0.01		1	0.01
Heptachlor	<0.01		1	0.01
Heptachlor Epoxide	<0.01		1	0.01
PCB-1242	<0.1		1	0.1
PCB-1254	<0.1		1	0.1
PCB-1221	<0.1		1	0.1
PCB-1232	<0.1		1	0.1
PCB-1248	<0.1		1	0.1
PCB-1260	<0.1		1	0.1
PCB-1016	<0.1		1	0.1
Toxaphene	<0.3		1	0.3

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

section 3. Dioxin/Furan Compounds
A. Indicate which of the following compounds from may be present in the influent from a
contributing industrial user or significant industrial user. Check all that apply.
□ 2,4,5-trichlorophenoxy acetic acid
Common Name 2,4,5-T, CASRN 93-76-5
□ 2-(2,4,5-trichlorophenoxy) propanoic acid
Common Name Silvex or 2,4,5-TP, CASRN 93-72-1
□ 2-(2,4,5-trichlorophenoxy) ethyl 2,2-dichloropropionate
Common Name Erbon, CASRN 136-25-4
□ 0,0-dimethyl 0-(2,4,5-trichlorophenyl) phosphorothioate
Common Name Ronnel, CASRN 299-84-3
□ 2,4,5-trichlorophenol
Common Name TCP, CASRN 95-95-4
□ hexachlorophene
Common Name HCP, CASRN 70-30-4
For each compound identified, provide a brief description of the conditions of its/their
presence at the facility.
Click to enter text.
B. Do you know or have any reason to believe that 2,3,7,8 Tetrachlorodibenzo-P-Dioxin
(TCDD) or any congeners of TCDD may be present in your effluent?
□ Yes □ No
If yes, provide a brief description of the conditions for its presence.
Click to enter text.

C. If any of the compounds in Subsection A or B are present, complete Table 4.0(2)F. For pollutants identified in Table 4.0(2)F, indicate the type of sample.

Grab □ Composite □

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

Table 4.0(2)F - Dioxin/Furan Compounds

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



0933-026-01

March 19, 2025

Texas Commission on Environmental Quality Water Quality Division Applications Review and Processing Team MC-148 PO Box 13087 Austin, TX 78711

Cibolo Creek Municipal Authority (CN600680805)

South Regional Water Reclamation Plant (RN107951964)

Application for Renewal of Texas Pollutant Discharge Elimination System (TPDES) Permit No.

WQ0015334001

To Whom It May Concern:

On behalf of Cibolo Creek Municipal Authority (CCMA), Plummer Associates, Inc. (Plummer) submits one original renewal application for the above-referenced permit. The application fee of \$2,015.00 for the Domestic Wastewater Permit Application was submitted to the Texas Commission on Environmental Quality via ePay.

Please feel free to contact me at alewis@plummer.com or (512) 687-2154, if you have any questions regarding this submittal.

Sincerely,

PLUMMER

TBPE Firm Registration No. F-13

ashing Jews

Ashley Lewis

Water Quality/Permitting Team Leader

Enclosures: TPDES Renewal Application (1 original)

Mr. Clint Ellis, CCMA, General Manager cc:

Mr. Ryan Madsen, CCMA, Chief Financial Officer

Mr. Brandon Bradley, Utilities Director

Ms. Ashley Lewis, Plummer, Water Quality/Permitting Team



CIBOLO CREEK MUNICIPAL AUTHORITY SOUTH REGIONAL WATER RECLAMATION PLANT

TEXAS POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT RENEWAL APPLICATION PERMIT NO. WQ0015334001

SUBMITTED TO:
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



CIBOLO CREEK MUNICIPAL AUTHORITY SOUTH REGIONAL WATER RECLAMATION PLANT TPDES PERMIT RENEWAL APPLICATION

TABLE OF CONTENTS

I. ADMINISTRATIVE REPORT

Domestic Administrative Report 1.0 Supplemental Permit Information Form (SPIF)

II. TECHNICAL REPORT

Domestic Technical Report 1.0 Domestic Worksheet 2.0 Domestic Worksheet 6.0

III. ATTACHMENTS

<u>No.</u>	Description	<u>Reference</u>
Α	Core Data Form	Admin Rpt 1.0, Section 3.C
В	Public Viewing Information	Admin Rpt 1.0, Section 8.D
С	Plain Language Summary	Admin Rpt 1.0, Section 8.F
D	USGS Map	Admin Rpt 1.0, Section 13
E	Supplemental Permit Information Form	SPIF
F	Treatment Process Description	Tech Rpt 1.0, Section 2.A
G	List of Treatment Units	Tech Rpt 1.0, Section 2.B
Н	Process Flow Diagram	Tech Rpt 1.0, Section 2.C
I	Site Drawing	Tech Rpt 1.0, Section 3
J	Notification of Completion Form	Tech Rpt 1.0, Section 6.C

THE TONMENTAL OUR

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST

Complete and submit this checklist with the application.

APPLICANT NAME: Cibolo Creek Municipal Authority
PERMIT NUMBER (If new, leave blank): WQ00 15334001

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

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

For TCEQ Use On	ly
Segment Number	·County
Expiration Date _	Region
Permit Number _	

THE TONMENTAL OURS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

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

Section 1. Application Fees (Instructions Page 26)

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

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

Minor Amendment (for any flow) \$150.00 □

Payment Informatio	n
---------------------------	---

Mailed Check/Money Order Number: <u>267501</u>

Check/Money Order Amount: \$2,015.00

Name Printed on Check: Cibolo Creek Municipal Authority

EPAY Voucher Number: N/A

Copy of Payment Voucher enclosed? Yes \square

Section 2. Type of Application (Instructions Page 26)

a.	a. Check the box next to the appropriate authorization ty				
	\boxtimes	Publicly-Owned Domestic Wastewater			
		Privately-Owned Domestic Wastewater			
		Conventional Wastewater Treatment			

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

 $oxed{oxed}$ Active $oxed{\Box}$ Inactive

c.	Check the box next to the appropriate permit type.							
	\boxtimes	TPDES Permit						
		TLAP						
		TPDES Permit with TLAP component						
		Subsurface Area Drip Dispersal System (SAD	DS)					
d.	Che	ck the box next to the appropriate application	typ	e				
		New						
		Major Amendment <u>with</u> Renewal		Minor Amendment <u>with</u> Renewal				
		Major Amendment <u>without</u> Renewal		Minor Amendment <u>without</u> Renewal				
	\boxtimes	Renewal without changes		Minor Modification of permit				
e.	For	amendments or modifications, describe the pa	ropo	sed changes: <u>N/A</u>				
f.	For	existing permits:						
	Perr	mit Number: WQ00 <u>15334001</u>						
	EPA I.D. (TPDES only): TX <u>0136131</u>							
	Expiration Date: <u>9/16/2025</u>							
Co	مائده		al	Co Ameliaant Information				
Se	CUC	on 3. Facility Owner (Applicant) a (Instructions Page 26)	na	Co-Applicant information				
			_					
Α.		e owner of the facility must apply for the per						
		at is the Legal Name of the entity (applicant) a	pply	ing for this permit?				
	<u>Cibo</u>	olo Creek Municipal Authority						
		e legal name must be spelled exactly as filed wi legal documents forming the entity.)	ith th	ne Texas Secretary of State, County, or in				
		ne applicant is currently a customer with the T I may search for your CN on the TCEQ website						
	(CN: <u>600680805</u>						

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

Prefix: Mr. Last Name, First Name: Ellis, Clint

Title: <u>General Manager</u> Credential: <u>N/A</u>

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

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

N/A

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

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

CN: N/A

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

Prefix: N/A Last Name, First Name: N/A

Title: <u>N/A</u> Credential: <u>N/A</u>

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

C. Core Data Form

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

Section 4. Application Contact Information (Instructions Page 27)

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

A. Prefix: Mr. Last Name, First Name: Ellis, Clint

Title: <u>General Manager</u> Credential: <u>N/A</u>
Organization Name: <u>Cibolo Creek Municipal Authority</u>

Mailing Address: P.O. Box 930 City, State, Zip Code: Schertz, TX 78154

Phone No.: (210) 658-6241 E-mail Address: cellis@ccmatx.org

Check one or both: oximes Administrative Contact oximes Technical Contact

B. Prefix: Ms. Last Name, First Name: Lewis, Ashley

Title: <u>Water Quality/Permitting Team Leader</u> Credential: <u>N/A</u>

Organization Name: <u>Plummer Associates, Inc.</u>

Mailing Address: 8911 N Capital of TX Hwy – Bldg. 1, Ste 1250 City, State, Zip Code: Austin,

TX 78759

Phone No.: (512) 687-2154 E-mail Address: alewis@plummer.com

Check one or both: oximes Administrative Contact oximes Technical Contact

Section 5. Permit Contact Information (Instructions Page 27)

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

A. Prefix: Mr. Last Name, First Name: Braud, Richard

Title: <u>President</u> Credential: <u>N/A</u>
Organization Name: <u>Cibolo Creek Municipal Authority</u>

Mailing Address: P.O. Box 930 City, State, Zip Code: Schertz, TX 78154

Phone No.: (210) 566-5939 E-mail Address: <u>rbraud@satx.rr.com</u> **B.** Prefix: Mr. Last Name, First Name: Keough, Michael

Title: <u>Vice President</u> Credential: <u>N/A</u>
Organization Name: <u>Cibolo Creek Municipal Authority</u>

Mailing Address: P.O. Box 930 City, State, Zip Code: Schertz, TX 78154

Phone No.: (210) 305-2120 E-mail Address: kmikie25@gmail.com

Section 6. Billing Contact Information (Instructions Page 27)

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

Prefix: Mr. Last Name, First Name: Ellis, Clint

Title: <u>General Manager</u> Credential: <u>N/A</u>
Organization Name: Cibolo Creek Municipal Authority

Mailing Address: P.O. Box 930 City, State, Zip Code: Schertz, TX 78154

Phone No.: (210) 658-6241 E-mail Address: cellis@ccmatx.org

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

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

Prefix: Mr. Last Name, First Name: Ellis, Clint

Title: <u>General Manager</u> Credential: <u>N/A</u>
Organization Name: <u>Cibolo Creek Municipal Authority</u>

Mailing Address: P.O. Box 930 City, State, Zip Code: Schertz, TX 78154

Phone No.: (210) 658-6241 E-mail Address: cellis@ccmatx.org

Section 8. Public Notice Information (Instructions Page 27)

A. Individual Publishing the Notices

Prefix: Mr. Last Name, First Name: Ellis, Clint

Title: <u>General Manager</u> Credential: <u>N/A</u>
Organization Name: <u>Cibolo Creek Municipal Authority</u>

Mailing Address: P.O. Box 930 City, State, Zip Code: Schertz, TX 78154

Phone No.: (210) 658-6241 E-mail Address: cellis@ccmatx.org

В.	Method for Receiving Notice of Receipt and Intent to Obtain a Water Quality Permit Package					
	Indicate by a check mark the preferred method for receiving the first notice and instructions:					
	\boxtimes	E-mail A	Address			
		Fax				
		Regular	Mail			
C.	Co	ntact per	mit to be	listed	l in the Notices	
	Pre	efix: <u>Mr.</u>			Last Name, First Name: Ellis, Clint	
	Tit	le: <u>Genera</u>	l Manager		Credential: <u>N/A</u>	
	Org	ganizatioi	n Name: <u>Ci</u>	ibolo (Creek Municipal Authority	
	Ma	iling Add	ress: <u>P.O. 1</u>	Box 93	City, State, Zip Code: <u>Schertz, TX 78154</u>	
	Pho	one No.: <u>(</u>	<u>210) 658-6</u>	241	E-mail Address: cellis@ccmatx.org	
D.	Pul	blic View	ing Inforn	natio	n	
	•	. ,	or outfall be provid		cated in more than one county, a public viewing place for each	
	Pul	olic buildi	ing name:	See At	ttachment B	
	Loc	cation wit	hin the bu	ilding	g:	
	Phy	ysical Ado	dress of Bu	ıildin	g:	
	Cit	y:			County:	
	Coı	ntact (Las	t Name, Fi	rst N	ame):	
	Pho	one No.:	Ext.:			
E.	Bilingual Notice Requirements					
	This information is required for new, major amendment, minor amendment or minor modification, and renewal applications.					
	This section of the application is only used to determine if alternative language notices will be needed. Complete instructions on publishing the alternative language notices will be in your public notice package.					
	Please call the bilingual/ESL coordinator at the nearest elementary and middle schools and obtain the following information to determine whether an alternative language notices are required.					
					program required by the Texas Education Code at the elementary to the facility or proposed facility?	
		\boxtimes \setminus	Yes		No	
		If no , pul	blication o	of an a	alternative language notice is not required; skip to Section 9	
	2.				tend either the elementary school or the middle school enrolled in ogram at that school?	
		⊠ Y	Yes		No	

	3.	Do the locatio		it these	e schools attend a bilingual education program at another
			Yes	\boxtimes	No
	4.				uired to provide a bilingual education program but the school has rement under 19 TAC §89.1205(g)?
			Yes	\boxtimes	No
	5.				uestion 1, 2, 3, or 4 , public notices in an alternative language are e is required by the bilingual program? <u>Spanish</u>
F.	Pla	in Lang	guage Sum	mary 1	Cemplate
	Co	mplete	the Plain L	anguag	ge Summary (TCEQ Form 20972) and include as an attachment.
	At	tachme	nt: <u>C</u>		
G.	Pu	blic Inv	olvement	Plan Fo	orm
		-			ement Plan Form (TCEQ Form 20960) for each application for a dment to a permit and include as an attachment.
	At	tachme	nt: <u>N/A</u>		
Se	cti	on 9.	Regula Page 2		Entity and Permitted Site Information (Instructions
Α.			is currently N <u>10795196</u>		ated by TCEQ, provide the Regulated Entity Number (RN) issued to
					Registry at http://www15.tceq.texas.gov/crpub/ to determine if ed by TCEQ.
B.	Na	me of p	project or si	ite (the	name known by the community where located):
	So	uth Regi	onal Water	Reclama	ation Plant
C.	Ov	vner of	treatment f	facility:	Cibolo Creek Municipal Authority
	Ov	vnershij	of Facility	7: 🖂	Public \square Private \square Both \square Federal
D.	Ov	vner of	land where	treatn	nent facility is or will be:
	Pre	efix: <u>N/</u>	<u>A</u>		Last Name, First Name: <u>N/A</u>
	Tit	le: <u>N/A</u>			Credential: <u>N/A</u>
	Or	ganizat	ion Name: <u>(</u>	<u>Cibolo (</u>	Creek Municipal Authority
	Ma	iling A	ddress: <u>P.O</u>	. Box 93	City, State, Zip Code: <u>Schertz, TX 78154</u>
	Ph	one No.	: <u>(210) 658-</u>	<u>6241</u>	E-mail Address: cellis@ccmatx.org
					same person as the facility owner or co-applicant, attach a lease d easement. See instructions.
		Attach	ment: <u>N/A</u>		

	Prefix: <u>N/A</u>	Last Name, First Name: <u>N/A</u>
	Title: <u>N/A</u>	Credential: <u>N/A</u>
	Organization Name: <u>N/A</u>	
	Mailing Address: <u>N/A</u>	City, State, Zip Code: <u>N/A</u>
	Phone No.: <u>N/A</u>	E-mail Address: <u>N/A</u>
	If the landowner is not the same agreement or deed recorded eas	e person as the facility owner or co-applicant, attach a lease ement. See instructions.
	Attachment: <u>N/A</u>	
F.	Owner sewage sludge disposal s property owned or controlled by	ite (if authorization is requested for sludge disposal on y the applicant)::
	Prefix: <u>N/A</u>	Last Name, First Name: <u>N/A</u>
	Title: <u>N/A</u>	Credential: <u>N/A</u>
	Organization Name: <u>N/A</u>	
	Mailing Address: <u>N/A</u>	City, State, Zip Code: <u>N/A</u>
	Phone No.: <u>N/A</u>	E-mail Address: <u>N/A</u>
	If the landowner is not the same agreement or deed recorded eas	e person as the facility owner or co-applicant, attach a lease sement. See instructions.
	Attachment: <u>N/A</u>	
\mathbf{c}	ation 10 TDDEC Diaghay	T.C
56	ection 10. TPDES Dischar	ge Information (Instructions Page 31)
		lity location in the existing permit accurate?
	Is the wastewater treatment facion Yes No If no, or a new permit application	
	Is the wastewater treatment faci	lity location in the existing permit accurate?
	Is the wastewater treatment facion Yes No If no, or a new permit application	lity location in the existing permit accurate?
Α.	Is the wastewater treatment facions in the wastewater treatment facions in the second	lity location in the existing permit accurate?
Α.	Is the wastewater treatment facions in the wastewater treatment facions in the second	lity location in the existing permit accurate? on, please give an accurate description:
Α.	Is the wastewater treatment facing Yes No If no, or a new permit application N/A Are the point(s) of discharge and Yes No If no, or a new or amendment process.	lity location in the existing permit accurate? on, please give an accurate description:
Α.	Is the wastewater treatment facing ✓ Yes □ No If no, or a new permit application in the point (s) of discharge and waste or an ew or amendment propoint of discharge and the discharge in the point of	on, please give an accurate description: d the discharge route(s) in the existing permit correct? permit application, provide an accurate description of the
Α.	Is the wastewater treatment facion Yes □ No If no, or a new permit application N/A Are the point(s) of discharge and Wes □ No If no, or a new or amendment proport of discharge and the discharge TAC Chapter 307: N/A	on, please give an accurate description: d the discharge route(s) in the existing permit correct? permit application, provide an accurate description of the harge route to the nearest classified segment as defined in 30
Α.	Is the wastewater treatment facing Yes No If no, or a new permit application N/A Are the point(s) of discharge and No If no, or a new or amendment property of discharge and the discharge and the discharge and the discharge N/A City nearest the outfall(s): Schert	on, please give an accurate description: d the discharge route(s) in the existing permit correct? permit application, provide an accurate description of the harge route to the nearest classified segment as defined in 30
A.B.	Is the wastewater treatment facing Yes No If no, or a new permit application N/A Are the point(s) of discharge and Yes No If no, or a new or amendment proint of discharge and the discharge and the discharge and the discharge STAC Chapter 307: N/A City nearest the outfall(s): Schert County in which the outfalls(s) is	on, please give an accurate description: d the discharge route(s) in the existing permit correct? permit application, provide an accurate description of the narge route to the nearest classified segment as defined in 30 tz s/are located: Bexar/Guadalupe discharge to a city, county, or state highway right-of-way, or

E. Owner of effluent disposal site:

	If yes , indicate by a check mark if: N/A
	\square Authorization granted \square Authorization pending
	For new and amendment applications, provide copies of letters that show proof of contact and the approval letter upon receipt.
	Attachment: N/A
D.	For all applications involving an average daily discharge of 5 MGD or more, provide the names of all counties located within 100 statute miles downstream of the point(s) of discharge: N/A
Se	ection 11. TLAP Disposal Information (Instructions Page 32)
Α.	For TLAPs, is the location of the effluent disposal site in the existing permit accurate? Yes No N/A - Not a TLAP
	If no, or a new or amendment permit application , provide an accurate description of the disposal site location:
	N/A
B.	City nearest the disposal site: <u>N/A</u>
C.	County in which the disposal site is located: <u>N/A</u>
D.	For TLAPs , describe the routing of effluent from the treatment facility to the disposal site:
	N/A
E.	For TLAPs , please identify the nearest watercourse to the disposal site to which rainfall
	runoff might flow if not contained: <u>N/A</u>
-	
	ection 12. Miscellaneous Information (Instructions Page 32)
A.	Is the facility located on or does the treated effluent cross American Indian Land?
	□ Yes ⊠ No
В.	If the existing permit contains an onsite sludge disposal authorization, is the location of the sewage sludge disposal site in the existing permit accurate?
	□ Yes □ No ⊠ Not Applicable
	If No, or if a new onsite sludge disposal authorization is being requested in this permit application, provide an accurate location description of the sewage sludge disposal site.
	N/A

C.	Did any person formerly employed by the TCEQ represent your company and get paid for service regarding this application?
	⊠ Yes □ No
	If yes, list each person formerly employed by the TCEQ who represented your company and was paid for service regarding the application: <u>Alexandra Garoutte</u> , <u>Plummer Associates</u> , <u>Inc.</u>
D.	Do you owe any fees to the TCEQ?
	□ Yes ⊠ No
	If yes , provide the following information:
	Account number: <u>N/A</u>
	Amount past due: <u>N/A</u>
E.	Do you owe any penalties to the TCEQ?
	□ Yes ⊠ No
	If yes , please provide the following information:
	Enforcement order number: <u>N/A</u>
	Amount past due: <u>N/A</u>
Se	ection 13. Attachments (Instructions Page 33)
Ind	dicate which attachments are included with the Administrative Report. Check all that apply:
	Lease agreement or deed recorded easement, if the land where the treatment facility is located or the effluent disposal site are not owned by the applicant or co-applicant.
\boxtimes	Original full-size USGS Topographic Map with the following information: See Attachment D
	 Applicant's property boundary Treatment facility boundary Labeled point of discharge for each discharge point (TPDES only) Highlighted discharge route for each discharge point (TPDES only) Onsite sewage sludge disposal site (if applicable) Effluent disposal site boundaries (TLAP only) New and future construction (if applicable)
	 1 mile radius information 3 miles downstream information (TPDES only) All ponds.
	• 3 miles downstream information (TPDES only)
	 3 miles downstream information (TPDES only) All ponds.

Section 14. Signature Page (Instructions Page 34)

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

Permit Number: WQ0015334001

Applicant: Cibolo Creek Municipal Authority

Certification:

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

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

Signatory name (typed	or printed):	Clint Elli	is
------------------	-------	--------------	------------	----

Signatory title: General Manager

Signature:	Date: 3/10/25
(Use blue ink)	/ /

Subscribe	d and Sworn to before	me by the	said_C	Lint Ell	is
on this	10 Th	day of_	1111	KCH	
1004-30 1	ission expires on the	177	day of	Novemb	er, 2027.

Mustine M. Budnik Notary Public

[SEAL]

Guadaluse County, Texas

DOMESTIC WASTEWATER PERMIT APPLICATION SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

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

Attachment: **E**

THE TONMENTAL OUR LEVEL OF THE PROPERTY OF THE

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.0

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

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

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

A. Existing/Interim I Phase

Design Flow (MGD): <u>0.5</u> 2-Hr Peak Flow (MGD): 2.0

Estimated construction start date: <u>January 2019</u> Estimated waste disposal start date: <u>February 2025</u>

B. Interim II Phase

Design Flow (MGD): <u>1.0</u> 2-Hr Peak Flow (MGD): <u>3.0</u>

Estimated construction start date: <u>2028</u> Estimated waste disposal start date: <u>2030</u>

C. Final Phase

Design Flow (MGD): <u>3.0</u> 2-Hr Peak Flow (MGD): <u>7.125</u>

Estimated construction start date: <u>2034</u> Estimated waste disposal start date: <u>2036</u>

D. Current Operating Phase

Provide the startup date of the facility: February 2025

Section 2. Treatment Process (Instructions Page 43)

A. Current Operating Phase

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

than one phase exists or is proposed, a description of *each phase* must be provided.

See Attachment F

finish with the point of discharge. Include all sludge processing and drying units. **If more**

B. Treatment Units

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

Table 1.0(1) - Treatment Units

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

C. Process Flow Diagram

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

Attachment: H

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

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

• Latitude: <u>29.503900</u>

• Longitude: <u>-98.189001</u>

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

• Latitude: <u>N/A</u>

Longitude: <u>N/A</u>

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

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

Attachment: I

Provide the name and a descrip	tion of the area se	erved by the treatmen	t facility.
The South Regional Water Reclanunincorporated areas of Bexar and			
Collection System Information f each uniquely owned collection satellite collection systems. Plea examples .	n system, existing	and new, served by the	his facility, including
Collection System Information Collection System Name	Owner Name	Owner Type	Population Served
Woman Hollering Interceptor	City of Schertz	Publicly Owned	930
0 1	,	,	
	/ -	D (=)	
	ses (Instructio		_
Is the application for a renewal	of a permit that c	ontains an unbuilt ph	ase or phases?
✓ Yes □ No		1 . 1	1 1.11 01
If yes, does the existing permit years of being authorized by th		nat has not been cons	structed within five
⊠ Yes □ No			
If yes, provide a detailed discuss Failure to provide sufficient jurecommending denial of the un	stification may r	esult in the Executive	
The population projections that waccurate. The population projection CCMA service area. In addition, the Treatment Plant (WQ0015371001)	ons indicate substar here are future plan	ntial wastewater flows for s to divert flows from th	or the expanded ne Woman Hollering
Section 5. Closure Plan	ns (Instruction	ns Page 45)	
Have any treatment units been to out of service in the next five ye		ce permanently, or wi	ll any units be taken

Yes 🗵

No

If y	ves, was a closure plan submitted to the TCEQ?
	□ Yes □ No <u>N/A</u>
If y	ves, provide a brief description of the closure and the date of plan approval.
	ction 6. Permit Specific Requirements (Instructions Page 45)
	r applicants with an existing permit, check the Other Requirements or Special
Pro	ovisions of the permit.
A.	Summary transmittal
	Have plans and specifications been approved for the existing facilities and each proposed phase?
	⊠ Yes □ No
	If yes, provide the date(s) of approval for each phase: 2/14/2019
	Provide information, including dates, on any actions taken to meet a <i>requirement or provision</i> pertaining to the submission of a summary transmittal letter. Provide a copy of an approval letter from the TCEQ, if applicable .
	In accordance with Other Requirements Provision No. 9, a summary transmittal letter for the Interim I phase was submitted on 12/31/2018 and subsequently approved by TCEQ on 02/14/2019. Summary transmittal letters for the Interim II and Final phases have not been submitted because they have not been constructed.
B.	Buffer zones
	Have the buffer zone requirements been met?
	⊠ Yes □ No
	Provide information below, including dates, on any actions taken to meet the conditions of the buffer zone. If available, provide any new documentation relevant to maintaining the buffer zones.
	N/A

C.	Other actions required by the current permit
	Does the <i>Other Requirements</i> or <i>Special Provisions</i> section in the existing permit require submission of any other information or other required actions? Examples include Notification of Completion, progress reports, soil monitoring data, etc.
	⊠ Yes □ No
	If yes , provide information below on the status of any actions taken to meet the conditions of an <i>Other Requirement</i> or <i>Special Provision</i> .
	In the existing permit, Other Requirements Provision No. 7 requires the permittee to submit analytical data 120 days from the start-up of the facility. This facility began operation in February 2025, therefore, analytical data will be submitted by June 2025. In addition, Other Requirements Provision No. 10 requires a Notification of Completion Form (Form 20007) to be submitted to TCEQ's Applications Review and Processing Team of the Water Quality Division prior to the Facility's startup. This form was submitted on May 23, 2024 and is included as Attachment J.
D.	Grit and grease treatment
	1. Acceptance of grit and grease waste
	Does the facility have a grit and/or grease processing facility onsite that treats and decants or accepts transported loads of grit and grease waste that are discharged directly to the wastewater treatment plant prior to any treatment?
	□ Yes ⊠ No
	If No, stop here and continue with Subsection E. Stormwater Management.
	2. Grit and grease processing
	Describe below how the grit and grease waste is treated at the facility. In your description, include how and where the grit and grease is introduced to the treatment works and how it is separated or processed. Provide a flow diagram showing how grit and grease is processed at the facility.
	N/A
	3. Grit disposal

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

□ Yes □ No <u>N/A</u>

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

		Describe the method of grit disposal.
		N/A
	4.	Grease and decanted liquid disposal
		Note: A registration or permit is required for grease disposal. Grease shall not be combined with treatment plant sludge. For more information, contact the TCEQ Municipal Solid Waste team at 512-239-2335.
		Describe how the decant and grease are treated and disposed of after grit separation.
		<u>N/A</u>
_	0.	
E.		ormwater management
	1.	Applicability
		Does the facility have a design flow of 1.0 MGD or greater in any phase?
		⊠ Yes □ No
		Does the facility have an approved pretreatment program, under 40 CFR Part 403?
		□ Yes ⊠ No
		If no to both of the above, then skip to Subsection F, Other Wastes Received.
	2.	MSGP coverage
		Is the stormwater runoff from the WWTP and dedicated lands for sewage disposal currently permitted under the TPDES Multi-Sector General Permit (MSGP), TXR050000?
		□ Yes ⊠ No
		If yes, please provide MSGP Authorization Number and skip to Subsection F, Other Wastes Received:
		TXR05 or TXRNE
		If no, do you intend to seek coverage under TXR050000?
	3.	Conditional exclusion
		Alternatively, do you intend to apply for a conditional exclusion from permitting based
		TXR050000 (Multi Sector General Permit) Part II B.2 or TXR050000 (Multi Sector General Permit) Part V, Sector T 3(b)?
		□ Yes ⊠ No

	If yes, please explain below then proceed to Subsection F, Other Wastes Received:
	<u>N/A</u>
4.	Existing coverage in individual permit
	Is your stormwater discharge currently permitted through this individual TPDES or TLAP permit?
	□ Yes ⊠ No
	If yes , provide a description of stormwater runoff management practices at the site that are authorized in the wastewater permit then skip to Subsection F, Other Wastes Received.
	<u>N/A</u>
5.	Zero stormwater discharge
	Do you intend to have no discharge of stormwater via use of evaporation or other means?
	□ Yes ⊠ No
	If yes, explain below then skip to Subsection F. Other Wastes Received.
	<u>N/A</u>
	Note: If there is a potential to discharge any stormwater to surface water in the state as the result of any storm event, then permit coverage is required under the MSGP or an individual discharge permit. This requirement applies to all areas of facilities with treatment plants or systems that treat, store, recycle, or reclaim domestic sewage, wastewater or sewage sludge (including dedicated lands for sewage sludge disposal located within the onsite property boundaries) that meet the applicability criteria of above. You have the option of obtaining coverage under the MSGP for direct discharges, (recommended), or obtaining coverage under this individual permit.
5.	Request for coverage in individual permit
	Are you requesting coverage of stormwater discharges associated with your treatment plant under this individual permit?
	□ Yes ⊠ No
	If yes, provide a description of stormwater runoff management practices at the site for which you are requesting authorization in this individual wastewater permit and describe whether you intend to comingle this discharge with your treated effluent or

discharge it via a separate dedicated stormwater outfall. Please also indicate if you

		intend to divert stormwater to the treatment plant headworks and indirectly discharge it to water in the state.
		<u>N/A</u>
		Note: Direct stormwater discharges to waters in the state authorized through this individual permit will require the development and implementation of a stormwater pollution prevention plan (SWPPP) and will be subject to additional monitoring and reporting requirements. Indirect discharges of stormwater via headworks recycling will require compliance with all individual permit requirements including 2-hour peak flow limitations. All stormwater discharge authorization requests will require additional information during the technical review of your application.
F.	Di	scharges to the Lake Houston Watershed
	Do	es the facility discharge in the Lake Houston watershed?
		□ Yes ⊠ No
	If y <u>N/</u>	ves, attach a Sewage Sludge Solids Management Plan. See Example 5 in the instructions. $\underline{\mathbf{A}}$
G.	Ot	her wastes received including sludge from other WWTPs and septic waste
	1.	Acceptance of sludge from other WWTPs
		Does or will the facility accept sludge from other treatment plants at the facility site?
		□ Yes ⊠ No
		If yes, attach sewage sludge solids management plan. See Example 5 of instructions.
		In addition, provide the date the plant started or is anticipated to start accepting sludge, an estimate of monthly sludge acceptance (gallons or millions of gallons), an
		estimate of the BOD_5 concentration of the sludge, and the design BOD_5 concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.
		N/A
		Note: Permits that accept sludge from other wastewater treatment plants may be required to have influent flow and organic loading monitoring.
	2.	Acceptance of septic waste
		Is the facility accepting or will it accept septic waste?
		□ Yes ⊠ No
		If yes, does the facility have a Type V processing unit?
		□ Yes □ No <u>N/A</u>
		If yes, does the unit have a Municipal Solid Waste permit?
		□ Yes □ No <u>N/A</u>

millions of gallons), an estimate of the BOD ₅ concentration of the septic waste, and the design BOD ₅ concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.
N/A
Note: Permits that accept sludge from other wastewater treatment plants may be required to have influent flow and organic loading monitoring.
3. Acceptance of other wastes (not including septic, grease, grit, or RCRA, CERCLA or as discharged by IUs listed in Worksheet 6)
Is or will the facility accept wastes that are not domestic in nature excluding the categories listed above?
□ Yes ⊠ No
If yes, provide the date that the plant started accepting the waste, an estimate how much waste is accepted on a monthly basis (gallons or millions of gallons), a description of the entities generating the waste, and any distinguishing chemical or other physical characteristic of the waste. Also note if this information has or has not changed since the last permit action.
N/A
Section 7. Pollutant Analysis of Treated Effluent (Instructions Page 50)
Is the facility in operation?
⊠ Yes □ No
If no, this section is not applicable. Proceed to Section 8.

If yes to any of the above, provide the date the plant started or is anticipated to start accepting septic waste, an estimate of monthly septic waste acceptance (gallons or

complete Table 1.0(3). Provide copies of the laboratory results sheets. **These tables are not** applicable for a minor amendment without renewal. See the instructions for guidance.

If yes, provide effluent analysis data for the listed pollutants. *Wastewater treatment*

facilities complete Table 1.0(2). *Water treatment facilities* discharging filter backwash water,

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

Table 1.0(2) - Pollutant Analysis for Wastewater Treatment Facilities

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
CBOD ₅ , mg/l			operation in l		025, analytical
Total Suspended Solids, mg/l					
Ammonia Nitrogen, mg/l					
Nitrate Nitrogen, mg/l					
Total Kjeldahl Nitrogen, mg/l					
Sulfate, mg/l					
Chloride, mg/l					
Total Phosphorus, mg/l					
pH, standard units					
Dissolved Oxygen*, mg/l					
Chlorine Residual, mg/l					
<i>E.coli</i> (CFU/100ml) freshwater					
Entercocci (CFU/100ml) saltwater					
Total Dissolved Solids, mg/l					
Electrical Conductivity, µmohs/cm, †					
Oil & Grease, mg/l					
Alkalinity (CaCO ₃)*, mg/l					

^{*}TPDES permits only

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

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
Total Suspended Solids, mg/l	N/A				
Total Dissolved Solids, mg/l	N/A				
pH, standard units	N/A				
Fluoride, mg/l	N/A				
Aluminum, mg/l	N/A				
Alkalinity (CaCO ₃), mg/l	<u>N/A</u>				

Section 8. Facility Operator (Instructions Page 50)

Facility Operator Name: Michael Ledford

Facility Operator's License Classification and Level: A

Facility Operator's License Number: <u>WW0048592</u>

[†]TLAP permits only

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

A. WWTP's Biosolids Management Facility Type Check all that apply. See instructions for guidance Design flow>= 1 MGD Serves $\geq 10,000$ people Class I Sludge Management Facility (per 40 CFR § 503.9) Biosolids generator Biosolids end user – land application (onsite) Biosolids end user - surface disposal (onsite) Biosolids end user - incinerator (onsite) B. WWTP's Biosolids Treatment Process Check all that apply. See instructions for guidance. \boxtimes Aerobic Digestion Air Drying (or sludge drying beds) Lower Temperature Composting Lime Stabilization **Higher Temperature Composting Heat Drying** Thermophilic Aerobic Digestion Beta Ray Irradiation Gamma Ray Irradiation Pasteurization Preliminary Operation (e.g. grinding, de-gritting, blending) Thickening (e.g. gravity thickening, centrifugation, filter press, vacuum filter) Sludge Lagoon \boxtimes Temporary Storage (< 2 years) Long Term Storage (>= 2 years) Methane or Biogas Recovery

C. Biosolids Management

Other Treatment Process: N/A

Provide information on the *intended* biosolids management practice. Do not enter every management practice that you want authorized in the permit, as the permit will authorize

all biosolids management practices listed in the instructions. Rather indicate the management practice the facility plans to use.

Biosolids Management

Management Practice	Handler or Preparer Type	Bulk or Bag Container	Amount (dry metric tons)	Pathogen Reduction Options	Vector Attraction Reduction Option
Disposal in Landfill	Off-site Third-Party Handler or Preparer	N/A	N/A	N/A	N/A
Other	On-Site Owner or Operator	Bulk	N/A	N/A	N/A

If "Other" is selected for Management Practice, please explain (e.g. monofill or transport to another WWTP): <u>Transported to another CCMA owned regional water reclamation plant.</u>

D. Disposal site

Disposal site name: <u>Odo J. Riedel RWRP; BFI Tessman Road Landfill; Carl Miller Farms; Second Nature Compost</u>

TCEQ permit or registration number: WQoo11269001; H1410; WQoo04445000; 42044

County where disposal site is located: Bexar; Waller

E. Transportation method

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

Name of the hauler: <u>K-3 Resources, Inc.</u> Hauler registration number: <u>22430</u>

Sludge is transported as a:

Liquid oxtimes semi-liquid oxtimes semi-solid oxtimes solid oxtimes

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

A. Beneficial use authorization

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

□ Yes ⊠ No

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

□ Yes □ No <u>N/A</u>

		Form No.							l Use of Sewage e instructions f	
		Yes \square	No	<u>N/A</u>						
B.	Sludge	e processi	ng aut	horization	L					
		the existing e or dispo			authorizatio	n for an	y of the	follow	ving sludge pro	cessing,
	Slu	idge Comp	osting				Yes	\boxtimes	No	
	Ma	rketing an	d Disti	ribution of	sludge		Yes	\boxtimes	No	
	Slu	dge Surfa	e Disp	osal or Slu	ıdge Monofil	1 🗆	Yes	\boxtimes	No	
	Tei	mporary s	torage	in sludge l	agoons		Yes	\boxtimes	No	
	author	rization, is	the co	mpleted E		stewate	r Permi	t App	esting to contin lication: Sewag application?	
		Yes \square	No	<u>N/A</u>						
Se	ection	11. Sev	vage	Sludge 1	Lagoons (Instru	ctions	Page	e 53)	
					dge lagoons?			8		
	_	es 🗵 N								
If	yes, cor	nplete the	remai	nder of thi	s section. If	no, proc	eed to S	Section	ı 12.	
A.	Locati	on inform	ation							
		_	_	e required t Number.	to be submit	ted as p	art of t	he app	olication. For ea	ch map,
	•	Original C	eneral	Highway	(County) Map):				
		Attachme	nt: <u>N/</u>	<u>A</u>						
	•	USDA Nat	ural R	esources C	onservation	Service	Soil Ma _l) :		
		Attachme	nt: <u>N/</u>	<u>A</u>						
	•	Federal E	nerger	ıcy Manage	ement Map:					
		Attachme	nt: <u>N/</u>	<u>A</u>						
	•	Site map:								
		Attachme	nt: <u>N/</u>	<u>A</u>						
	Discus apply.		criptio	n if any of	the followin	g exist v	vithin th	ne lago	oon area. Check	all that
		Overlap	a desig	nated 100	-year freque	ncy floo	d plain			
		Soils wit	h flood	ling classif	cication					
		Overlap	an uns	table area						
		Wetland	S							

	Located less than 60 meters from a fault
	None of the above
Att	tachment: N/A
	ortion of the lagoon(s) is located within the 100-year frequency flood plain, provide otective measures to be utilized including type and size of protective structures:
N/A	

B. Temporary storage information

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

Nitrate Nitrogen, mg/kg: N/A

Total Kjeldahl Nitrogen, mg/kg: N/A

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

Phosphorus, mg/kg: <u>N/A</u>
Potassium, mg/kg: <u>N/A</u>
pH, standard units: <u>N/A</u>

Ammonia Nitrogen mg/kg: N/A

Arsenic: <u>N/A</u>
Cadmium: <u>N/A</u>
Chromium: <u>N/A</u>
Copper: <u>N/A</u>

Mercury: N/A

Lead: N/A

Molybdenum: <u>N/A</u>

Nickel: <u>N/A</u>

Selenium: <u>N/A</u>

Zinc: <u>N/A</u>

Total PCBs: N/A

Provide the following information:

Volume and frequency of sludge to the lagoon(s): $\underline{N/A}$

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

Total dry tons stored in the lagoons(s) over the life of the unit: $\underline{\text{N/A}}$

C. Liner information

	Does the active/proposed sludge lagoon(s) have a liner with a maximum hydraulic conductivity of $1x10^{-7}$ cm/sec?
	□ Yes □ No N/A
	If yes, describe the liner below. Please note that a liner is required.
	N/A
D.	Site development plan
	Provide a detailed description of the methods used to deposit sludge in the lagoon(s):
	N/A
	Attach the following documents to the application.
	Plan view and cross-section of the sludge lagoon(s)
	Attachment: N/A
	Copy of the closure plan Attachment: N/A
	 Copy of deed recordation for the site
	Attachment: N/A
	 Size of the sludge lagoon(s) in surface acres and capacity in cubic feet and gallons
	Attachment: N/A
	 Description of the method of controlling infiltration of groundwater and surface water from entering the site
	Attachment: N/A
	 Procedures to prevent the occurrence of nuisance conditions
	Attachment: N/A
E.	Groundwater monitoring
	Is groundwater monitoring currently conducted at this site, or are any wells available for groundwater monitoring, or are groundwater monitoring data otherwise available for the sludge lagoon(s)?
	\square Yes \square No $\underline{N/A}$

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

Attachment: N/A

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

Page 55)
A. Additional authorizations
Does the permittee have additional authorizations for this facility, such as reuse authorization, sludge permit, etc?
□ Yes ⊠ No
If yes, provide the TCEQ authorization number and description of the authorization:
<u>N/A</u>
B. Permittee enforcement status
Is the permittee currently under enforcement for this facility?
□ Yes ⊠ No
Is the permittee required to meet an implementation schedule for compliance or enforcement?
□ Yes ⊠ No
If yes to either question, provide a brief summary of the enforcement, the implementation schedule, and the current status:
N/A

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

A. RCRA hazardous wastes

B. Remediation activity wastewater

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

□ Yes ⊠ No

C. Details about wastes received

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

Attachment: N/A

Section 14. Laboratory Accreditation (Instructions Page 56)

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

- The laboratory is an in-house laboratory and is:
 - o 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: Clint Ellis
Title: General Manager

Signature

Date: _

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 2.0: RECEIVING WATERS

The following information is required for all TPDES permit applications.

Section 1. Domestic Drinking Water Supply (Instructions Page 64)
Is there a surface water intake for domestic drinking water supply located within 5 miles downstream from the point or proposed point of discharge?
□ Yes ⊠ No
If no , proceed it Section 2. If yes , provide the following:
Owner of the drinking water supply: N/A
Distance and direction to the intake: N/A
Attach a USGS map that identifies the location of the intake.
Attachment: N/A
Section 2. Discharge into Tidally Affected Waters (Instructions Page 64)
Does the facility discharge into tidally affected waters?
□ Yes ⊠ No
If no , proceed to Section 3. If yes , complete the remainder of this section. If no, proceed to Section 3.
A. Receiving water outfall
Width of the receiving water at the outfall, in feet: $\underline{N/A}$
B. Oyster waters
Are there oyster waters in the vicinity of the discharge?
□ Yes □ No <u>N/A</u>
If yes, provide the distance and direction from outfall(s).
N/A
C. Sea grasses
Are there any sea grasses within the vicinity of the point of discharge?
□ Yes □ No N/A
If yes, provide the distance and direction from the outfall(s).
N/A

Is the discharge directly into (or within 300 feet of) a classified segment? Yes □ No **If yes**, this Worksheet is complete. **If no**, complete Sections 4 and 5 of this Worksheet. Section 4. **Description of Immediate Receiving Waters (Instructions Page 65)** Name of the immediate receiving waters: N/A A. Receiving water type Identify the appropriate description of the receiving waters. Stream Freshwater Swamp or Marsh Lake or Pond Surface area, in acres: Average depth of the entire water body, in feet: Average depth of water body within a 500-foot radius of discharge point, in feet: Man-made Channel or Ditch Open Bay Tidal Stream, Bayou, or Marsh Other, specify: B. Flow characteristics If a stream, man-made channel or ditch was checked above, provide the following. For existing discharges, check one of the following that best characterizes the area *upstream* of the discharge. For new discharges, characterize the area *downstream* of the discharge (check one). Intermittent - dry for at least one week during most years Intermittent with Perennial Pools - enduring pools with sufficient habitat to maintain significant aquatic life uses Perennial - normally flowing Check the method used to characterize the area upstream (or downstream for new dischargers). USGS flow records Historical observation by adjacent landowners Personal observation Other, specify:

Classified Segments (Instructions Page 64)

Section 3.

		e names of all perennial stre tream of the discharge poin	U	n the receiving water within three miles
	N/A			
D.	Downs	stream characteristics		
		receiving water characteris rge (e.g., natural or man-ma Yes \square No N/A		within three miles downstream of the ads, reservoirs, etc.)?
	If ves.	discuss how.		
	N/A			
E.		ll dry weather characteristice general observations of th		during normal dry weather conditions.
	Date a	nd time of observation: <u>N/A</u>		
				runoff during observations?
		Yes No N/A	otoriii, deci	during observations.
		TC3 LI NO <u>N/A</u>		
Se	ection	5. General Characte Page 66)	eristics of	the Waterbody (Instructions
Α.	Upstre	am influences		
	Is the i			he discharge or proposed discharge site nat apply. N/A
		Oil field activities		Urban runoff
		Upstream discharges		Agricultural runoff
	П	Septic tanks		Other(s), specify:

C. Downstream perennial confluences

water	body uses		
Observ	ved or evidences of the following use	es. C	heck all that apply. <u>N/A</u>
	Livestock watering		Contact recreation
	Irrigation withdrawal		Non-contact recreation
	Fishing		Navigation
	Domestic water supply		Industrial water supply
	Park activities		Other(s), specify:
Water	body aesthetics		
	one of the following that best descr rrounding area. N/A	ibes	the aesthetics of the receiving water and
	Wilderness: outstanding natural be clarity exceptional	eauty	; usually wooded or unpastured area; water
	Natural Area: trees and/or native v fields, pastures, dwellings); water	_	ation; some development evident (from ty discolored
	Common Setting: not offensive; de or turbid	veloj	ped but uncluttered; water may be colored
	Offensive: stream does not enhance dumping areas; water discolored	e aes	sthetics; cluttered; highly developed;

C.

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 6.0: INDUSTRIAL WASTE CONTRIBUTION

The following is required for all publicly owned treatment works.

Section 1. All POTWs (Instructions Page 89)

A. Industrial users (IUs)

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

If there are no users, enter 0 (zero). Categorical IUs: Number of IUs: o Average Daily Flows, in MGD: o Significant IUs - non-categorical: Number of IUs: o Average Daily Flows, in MGD: o Other IUs: Number of IUs: o

Average Daily Flows, in MGD: o

B. Treatment plant interference

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

☐ Yes ☒ No <u>This facility began operation in February 2025.</u>

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

<u>N/A</u>	<u>\</u>		

	In the past three years, has your POTW experienced pass through (see instructions)?
	☐ Yes ☒ No <u>This facility began operation in February 2025.</u>
	If yes, identify the dates, duration, a description of the pollutants passing through the treatment plant, and probable cause(s) and possible source(s) of each pass through event. Include the names of the IUs that may have caused pass through.
	N/A
D.	Pretreatment program
	Does your POTW have an approved pretreatment program?
	□ Yes ⊠ No
	If yes, complete Section 2 only of this Worksheet.
	Is your POTW required to develop an approved pretreatment program?
	□ Yes ⊠ No
	If yes, complete Section 2.c. and 2.d. only, and skip Section 3.
	2 , co, complete section 2.c. and 2.c. sin, and sinp section 5.
	If no to either question above, skip Section 2 and complete Section 3 for each significant industrial user and categorical industrial user.
Se	If no to either question above, skip Section 2 and complete Section 3 for each significant
	If no to either question above, skip Section 2 and complete Section 3 for each significant industrial user and categorical industrial user. ection 2. POTWs with Approved Programs or Those Required to Develop a Program (Instructions Page 90) Substantial modifications
	If no to either question above, skip Section 2 and complete Section 3 for each significant industrial user and categorical industrial user. ection 2. POTWs with Approved Programs or Those Required to Develop a Program (Instructions Page 90)
	If no to either question above, skip Section 2 and complete Section 3 for each significant industrial user and categorical industrial user. Ection 2. POTWs with Approved Programs or Those Required to Develop a Program (Instructions Page 90) Substantial modifications Have there been any substantial modifications to the approved pretreatment program
	If no to either question above, skip Section 2 and complete Section 3 for each significant industrial user and categorical industrial user. Cetion 2. POTWs with Approved Programs or Those Required to Develop a Program (Instructions Page 90) Substantial modifications Have there been any substantial modifications to the approved pretreatment program that have not been submitted to the TCEQ for approval according to 40 CFR §403.18?
	If no to either question above, skip Section 2 and complete Section 3 for each significant industrial user and categorical industrial user. Cotion 2. POTWs with Approved Programs or Those Required to Develop a Program (Instructions Page 90) Substantial modifications Have there been any substantial modifications to the approved pretreatment program that have not been submitted to the TCEQ for approval according to 40 CFR §403.18? Yes No N/A If yes, identify the modifications that have not been submitted to TCEQ, including the
	If no to either question above, skip Section 2 and complete Section 3 for each significant industrial user and categorical industrial user. Cotion 2. POTWs with Approved Programs or Those Required to Develop a Program (Instructions Page 90) Substantial modifications Have there been any substantial modifications to the approved pretreatment program that have not been submitted to the TCEQ for approval according to 40 CFR §403.18? Yes No N/A If yes, identify the modifications that have not been submitted to TCEQ, including the purpose of the modification.
	If no to either question above, skip Section 2 and complete Section 3 for each significant industrial user and categorical industrial user. Cotion 2. POTWs with Approved Programs or Those Required to Develop a Program (Instructions Page 90) Substantial modifications Have there been any substantial modifications to the approved pretreatment program that have not been submitted to the TCEQ for approval according to 40 CFR §403.18? Yes No N/A If yes, identify the modifications that have not been submitted to TCEQ, including the purpose of the modification.
	If no to either question above, skip Section 2 and complete Section 3 for each significant industrial user and categorical industrial user. Cotion 2. POTWs with Approved Programs or Those Required to Develop a Program (Instructions Page 90) Substantial modifications Have there been any substantial modifications to the approved pretreatment program that have not been submitted to the TCEQ for approval according to 40 CFR §403.18? Yes No N/A If yes, identify the modifications that have not been submitted to TCEQ, including the purpose of the modification.
	If no to either question above, skip Section 2 and complete Section 3 for each significant industrial user and categorical industrial user. Cotion 2. POTWs with Approved Programs or Those Required to Develop a Program (Instructions Page 90) Substantial modifications Have there been any substantial modifications to the approved pretreatment program that have not been submitted to the TCEQ for approval according to 40 CFR §403.18? Yes No N/A If yes, identify the modifications that have not been submitted to TCEQ, including the purpose of the modification.

C. Treatment plant pass through

	Have there been any non-substantial modifications to the approved pretreatment program that have not been submitted to TCEQ for review and acceptance?									
	□ Yes □ No <u>N/A</u>									
	If yes, identify all non-substantial modifications that have not been submitted to TCEQ, including the purpose of the modification.									
	N/A									
C.	Effluent paramete	ers above the MAL								
Tal	In Table 6.0(1), list all parameters measured above the MAL in the POTW's effluent monitoring during the last three years. Submit an attachment if necessary. Table 6.0(1) – Parameters Above the MAL									
Po	ollutant	Concentration	MAL	Units	Date					
N	<u>/A</u>									
D.	Industrial user in	terruptions								
	•	or other IU caused o ass throughs) at you			luding					
	□ Yes □ No <u>N/A</u>									
	If yes , identify the industry, describe each episode, including dates, duration, description of the problems, and probable pollutants.									
	N/A									

B. Non-substantial modifications

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

A. General information

	Company Name: <u>N/A</u>
	SIC Code: N/A
	Contact name: <u>N/A</u>
	Address: <u>N/A</u>
	City, State, and Zip Code: <u>N/A</u>
	Telephone number: <u>N/A</u>
	Email address: <u>N/A</u>
B.	Process information
	Describe the industrial processes or other activities that affect or contribute to the SIU(s) or CIU(s) discharge (i.e., process and non-process wastewater).
	<u>N/A</u>
C.	Product and service information
C.	Product and service information Provide a description of the principal product(s) or services performed.
C.	
C.	Provide a description of the principal product(s) or services performed.
C.	Provide a description of the principal product(s) or services performed.
C.	Provide a description of the principal product(s) or services performed.
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C.	Provide a description of the principal product(s) or services performed.
	Provide a description of the principal product(s) or services performed.
	Provide a description of the principal product(s) or services performed. N/A
	Provide a description of the principal product(s) or services performed.
	Provide a description of the principal product(s) or services performed. N/A Flow rate information See the Instructions for definitions of "process" and "non-process wastewater."
	Provide a description of the principal product(s) or services performed. N/A Flow rate information See the Instructions for definitions of "process" and "non-process wastewater." Process Wastewater: Discharge, in gallons/day: N/A
	Provide a description of the principal product(s) or services performed. N/A Flow rate information See the Instructions for definitions of "process" and "non-process wastewater." Process Wastewater: Discharge, in gallons/day: N/A
	Provide a description of the principal product(s) or services performed. N/A Flow rate information See the Instructions for definitions of "process" and "non-process wastewater." Process Wastewater: Discharge, in gallons/day: N/A Discharge Type: Continuous Batch Intermittent Non-Process Wastewater:
	Provide a description of the principal product(s) or services performed. N/A Flow rate information See the Instructions for definitions of "process" and "non-process wastewater." Process Wastewater: Discharge, in gallons/day: N/A Discharge Type: □ Continuous □ Batch □ Intermittent

E.	Pretreatment standards
	Is the SIU or CIU subject to technically based local limits as defined in the <i>i</i> nstructions?
	□ Yes □ No <u>N/A</u>
	Is the SIU or CIU subject to categorical pretreatment standards found in $40\ CFR\ Parts\ 405-471?$
	□ Yes □ No <u>N/A</u>
	If subject to categorical pretreatment standards , indicate the applicable category and subcategory for each categorical process.
	Category: <u>N/A</u>
	Subcategories: <u>N/A</u>
	Category: <u>N/A</u>
	Subcategories: <u>N/A</u>
	Category: <u>N/A</u>
	Subcategories: <u>N/A</u>
	Category: <u>N/A</u>
	Subcategories: <u>N/A</u>
	Category: <u>N/A</u>
	Subcategories: <u>N/A</u>
F.	Industrial user interruptions
	Has the SIU or CIU caused or contributed to any problems (e.g., interferences, pass through, odors, corrosion, blockages) at your POTW in the past three years?
	□ Yes □ No <u>N/A</u>
	If yes , identify the SIU, describe each episode, including dates, duration, description of problems, and probable pollutants.
	N/A

CIBOLO CREEK MUNICIPAL AUTHORITY SOUTH REGIONAL WATER RECLAMATION PLANT TPDES PERMIT RENEWAL APPLICATION

TABLE OF ATTACHMENTS

No.	<u>Description</u>	Reference
Α	Core Data Form	Admin Rpt 1.0, Section 3.C
В	Public Viewing Information	Admin Rpt 1.0, Section 8.D
С	Plain Language Summary	Admin Rpt 1.0, Section 8.F
D	USGS Map	Admin Rpt 1.0, Section 13
E	Supplemental Permit Information Form	SPIF
F	Treatment Process Description	Tech Rpt 1.0, Section 2.A
G	List of Treatment Units	Tech Rpt 1.0, Section 2.B
Н	Process Flow Diagram	Tech Rpt 1.0, Section 2.C
1	Site Drawing	Tech Rpt 1.0, Section 3
J	Notification of Completion Form	Tech Rpt 1.0, Section 6.C

ATTACHMENT A

Core Data Form
Admin Rpt 1.0, Section 3.C



TCEQ Core Data Form

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

SECTION I: General Information

1. Reason for Submission (If other is checked please describe in space provided.)

General Customer Information General Customer Information	Central Registry** RN 107951964	Renewal ((Core Data	Form should be subm	nitted with the re		Other							
ECTION II: Customer Information General Customer Information S. Effective Date for Customer Information Updates (mm/dd/yyyy)	ECTION II: Customer Information General Customer Information	<u> </u>	•				3. Regulated Entity Reference Number (if issued)							
New Customer	S. Effective Date for Customer Information Updates (mm/dd/yyyy)	CN 60068080)5					107951964						
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). Society of State of Public Accounts (CPA).	New Customer	ECTION	N II:	Custome	r Inforn	<u>nation</u>	1							
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). The Customer Legal Name (If an individual, print last name first: eg: Doe, John) If new Customer, enter previous Customer below:	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). The Customer Legal Name (If an individual, print last name first: eg: Doe, John) If new Customer, enter previous Customer below: The Customer Legal Name (If an individual, print last name first: eg: Doe, John) If new Customer, enter previous Customer below: The Customer Legal Name (If an individual, print last name first: eg: Doe, John) If new Customer, enter previous Customer below: The Customer Legal Name (If an individual, print last name first: eg: Doe, John) If new Customer, enter previous Customer below: The Customer Legal Name (If an individual, print last name first: eg: Doe, John) If new Customer, enter previous Customer below: The Customer Legal Name (If an individual, print last name first: eg: Doe, John) If new Customer, enter previous Customer below: The Customer Legal Name (If an individual, print last name first: eg: Doe, John) If new Customer, enter previous Customer below: The Customer Customer Customer Submitted on the Customer, enter previous Customer below: The Customer Role (If new Customer, enter previous Customer below: The Customer Role (If new Customer, enter previous Customer below: The Customer Legal Name (If an individual, print last name first: eg: Doe, John) The Customer, enter previous Customer below: The Customer, enter previous Customer below: The Customer Role (If an individual, print last name first: eg: Doe, John) The Customer Legal Name (If an individual previous Customer below: The Customer Authority The Customer Previous Customer The Customer	4. General Cu	ıstomer Ir	nformation	5. Effective	Date for Cu	ıstomer lı	nformation	Updates (mm/dd	І/уууу)				
Soos or Texas Comptroller of Public Accounts (CPA).	The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of S(SOS) or Texas Comptroller of Public Accounts (CPA). 5. Customer Legal Name (If an individual, print last name first: eg: Doe, John) If new Customer, enter previous Customer below: Cibolo Creek Municipal Authority	New Custor	mer		Update to Custo	mer Informat	tion	Cha	nge in Regulated Er	ntity Owne	ership			
Cibolo Creek Municipal Authority 7. TX SOS/CPA Filing Number 8. TX State Tax ID (11 digits) 9. Federal Tax ID (9 digits) 11. Type of Customer:	Comparison Com	Change in Le	egal Name	(Verifiable with the T	Texas Secretary of	f State or Texa	as Comptro	oller of Publi	c Accounts)					
Cibolo Creek Municipal Authority 7. TX SOS/CPA Filing Number 8. TX State Tax ID (11 digits) 9. Federal Tax ID (9 digits) 10. DUNS Number (if applicable) 11. Type of Customer:	Cibolo Creek Municipal Authority 7. TX SOS/CPA Filing Number 8. TX State Tax ID (11 digits) 9. Federal Tax ID (9 digits) 10. DUNS Number (applicable) 11. Type of Customer: Corporation Individual Partnership: General Ling Government: City County Federal Local State Other Sole Proprietorship Other: 12. Number of Employees O-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	(SOS) or Texa	s Comptro	oller of Public Acco	ounts (CPA).			on what is o						
11. Type of Customer:	7. TX SOS/CPA Filing Number 8. TX State Tax ID (11 digits) 9. Federal Tax ID (9 digits) 11. Type of Customer:	o. Customer I	Legai Ivan	ie (ij ali ilialviaudi, pi	лин ійѕі пате Лг	st. eg. D0e, J	Uriri)		<u>ıŢ new Customer</u>	, enter pre	evious Custon	<u>ier below:</u>		
11. Type of Customer:	11. Type of Customer: Corporation Individual Partnership: General Line	Cibolo Creek M	lunicipal Au	uthority										
Government: City County Federal Local State Other Sole Proprietorship Other: 12. Number of Employees 0-20 21-100 101-250 251-500 501 and higher 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	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 Other: Occupational Licensee Responsible Party VCP/BSA Applicant	7. TX SOS/CP	A Filing N	umber	igits)		applicable)							
12. Number of Employees 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 Other: Occupational Licensee Responsible Party VCP/BSA Applicant Other: 15. Mailing P.O. Box 930	12. Number of Employees 13. Independently Owned and Operated? 14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following Owner Occupational Licensee Responsible Party 13. Independently Owned and Operated? Yes No Owner & No Other:	11. Type of C	ustomer:	Corpor	ration			☐ Indivi	dual	Partne	ership:	neral 🗌 Limited		
□ 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 □ VCP/BSA Applicant □ Occupational Licensee □ Responsible Party □ VCP/BSA Applicant □ P.O. Box 930 City Schertz State TX ZIP 78154 ZIP + 4 0930	□ 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:	Government: [City	County 🔲 Federal 🗀	Local State	Other		☐ Sole I	Proprietorship	Oth	her:			
14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following Owner	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	12. Number o	of Employ	ees				L	13. Independe	ntly Ow	ned and Op	erated?		
Owner Operator Overator Other: Occupational Licensee Responsible Party VCP/BSA Applicant Other:	□ Owner □ Operator □ Owner & Operator □ Occupational Licensee □ Responsible Party □ VCP/BSA Applicant	☐ 0-20	21-100 [101-250 253			☐ Yes							
Occupational Licensee Responsible Party VCP/BSA Applicant P.O. Box 930 Address: City Schertz State TX ZIP 78154 ZIP + 4 0930	Occupational Licensee Responsible Party VCP/BSA Applicant Other:	14. Customer	r Role (Pro	posed or Actual) – as	s it relates to the	Regulated En	ntity listed	on this form.	Please check one o	of the follo	wing			
P.O. Box 930		=	al Licensee		_	· ·			☐ Other	·:				
15. Mailing Address: City Schertz State TX ZIP 78154 ZIP + 4 0930	P.O. Box 930		. Licerisce	nesponsible r	uity	VC17 D37 (7 (pp								
City Schertz State TX ZIP 78154 ZIP + 4 0930		15. Mailing	P.O. Box 9	930										
16. Country Mailing Information (if outside USA) 17. E-Mail Address (if applicable)		Address:	City	Schertz		State	TX	ZIP	78154		ZIP + 4	0930		
16. Country Mailing Information (if outside USA) 17. E-Mail Address (if applicable)		10.0												
	16. Country Mailing Information (if outside USA) 17. E-Mail Address (if applicable)	16. Country N	viailing In	formation (if outside	ie USA)		1	7. E-Mail A	adress (if applicat	ole)				

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18. Telephone Number	19. Extension or Code	20. Fax Number (if applicable)
(210) 658-6241		(210) 658-5830

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 Nan as Inc, LP, or LLC).	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 Nam	ie (Enter	name	of the site wher	e the	regulated action	is tak	king plac	ce.)						
South Regional Water Reclan	nation Pla	ant												
23. Street Address of the Regulated Entity:														
the Regulated Entity.														
(No PO Boxes)	City		Schertz		State	TX		ZIP		78154	1	ZIP +	- 4	4515
24. County	Bexar					•				•				
			If no Stree	et Ad	ldress is provid	led, f	ields 2!	5-28	are re	quired.				
25. Description to														
Physical Location:														
26. Nearest City										State			Near	rest ZIP Code
Latitude/Longitude are re used to supply coordinate			-	-				ata S	Standa	rds. (Ge	eocoding of	the Phy	sical i	Address may be
27. Latitude (N) In Decima	al·		29.5014			1	28 Lo	ngiti	ude (M	V) In De	cimal:	-98	1943	
			25.5014						uuc (V	·, be				
Degrees	Minute	S		Seconds			Degrees		Minutes				Seconds	
29. Primary SIC Code		30. 5	econdary SIC	Code	<u> </u>	31.	Primar	ν NΔ	ICS Co	de	32. Sec	condary	NAIC	S Code
(4 digits)		(4 dig	gits)		31. Primary NAICS Code (5 or 6 digits) (5 or 6 digits)					digits)	its)			
4952				221320										
33. What is the Primary B	Business	of th	is entity? (Do	o not	repeat the SIC or	NAIC	'S descri	ption.	.)		,			
Treatment of domestic wastewater.														
P.O. Box 930														
34. Mailing														
Address:	Cit	n Ch :		Chaha		ZIP		710			710	. 4		
	Cit	У	S chertz		State	TX		4	ZIP	7 8154	ł	ZIP	+ 4	930
35. E-Mail Address: cellis@ccmatx.org														
36. Telephone Number				37.	. Extension or (Code			38. F	ax Num	iber (if applic	rable)		
(2 10) 6 58- 6 241									(2 10) 6 58- 5 8	30			
												_		

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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. Industrial Hazardous Waste ☐ Emissions Inventory Air ☐ Edwards Aquifer □ Districts Dam Safety ■ New Source □ PWS Petroleum Storage Tank OSSF Municipal Solid Waste Review Air Used Oil Tires Storm Water Title V Air Sludge Other: ☐ Wastewater Agriculture ☐ Water Rights ☐ Voluntary Cleanup WQ0015334001 **SECTION IV: Preparer Information** Scientist in Training 41. Title: Alexandra Garoutte 40. Name: 45. E-Mail Address 42. Telephone Number 43. Ext./Code 44. Fax Number ahughes@plummer.com } N/A (512) 452-5905 **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. General Manager Job Title: Company: Cibolo Creek Municipal Authority Phone: (210) 658-6241 Clint Ellis Name (In Print): Date: Signature:

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ATTACHMENT B

Public Viewing Information Admin Rpt 1.0, Section 8.D

ATTACHMENT B

CIBOLO CREEK MUNICIPAL AUTHORITY SOUTH REGIONAL WATER RECLAMATION PLANT TPDES PERMIT RENEWAL APPLICATION PUBLIC PLACE INFORMATION

The facility is located on the border of Bexar County and Guadalupe County. Public notice is required in both counties. Following is the public place information for each county:

Guadalupe County

Public building name: Cibolo Creek Municipal Authority

Location within the building: Administrative Office

Physical address of the building: 100 Dietz Road

City: Schertz

Contact Name: Clint Ellis, General Manager

Phone Number: (210) 658-6241

Bexar County

Public building name: Universal City Hall Administration

Location within the building: City Clerk's Office

Physical address of the building: 2150 Universal City Blvd.

City: Universal City

Contact Name: Maribel Garcia

Phone Number: (210) 619-0769

ATTACHMENT C

Plain Language Summary Admin Rpt 1.0, Section 8.F

TCEQ

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

PLAIN LANGUAGE SUMMARY FOR TPDES OR TLAP PERMIT APPLICATIONS

Plain Language Summary Template and Instructions for Texas Pollutant Discharge Elimination System (TPDES) and Texas Land Application (TLAP) Permit Applications

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

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

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

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

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

Cibolo Creek Municipal Authority (CN600680805) proposes to operate South Regional Water Reclamation Plant (RN107951964), is an activated sludge process plant operated in the conventional mode. The facility is located at 7424 Trainer Hale Road, in Schertz, Bexar County, Texas 78154. This application is for a renewal to discharge at an annual average flow of 3,000,000 gallons per day via Outfall 001 in the final phase.

Discharges from the facility are expected to contain carbonaceous biochemical oxygen demand (CBOD5), total suspended solids (TSS), ammonia nitrogen, total phosphorus (TP) and E.coli. Domestic wastewater will be treated by two coarse screens, two aeration basins, two final clarifiers, two chlorine contact basins, and two sludge holding tanks.

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

AGUAS RESIDUALES DOMESTICAS /AGUAS PLUVIALES

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

Cibolo Creek Municipal Authority (CN600680805) propone operar Planta de Recuperación de Agua Regional Sur (RN107951964), un planta de proceso de lodos activados operada en modo convencional.. La instalación estará ubicada en 7424 Trainer Hale Road, en Schertz, Condado de Bexar, Texas 78154. Esta solicitud es para una renovación para descargar a un flujo promedio anual de 3,000,000 de galones por día a través del Emisario 001.

Se espera que las descargas de la instalación contengan demanda bioquímica carbonosa de oxígeno, sólidos suspendidos totales, nitrógeno amoniacal, fósforo total y E. coli. Aguas residuales domésticas estará tratado por dos cribas gruesas, dos cubetas de aireación, dos clarificadores finales, dos cubetas de contacto de cloro y dos tanques de retención de lodos.

ATTACHMENT D

USGS Map Admin Rpt 1.0, Section 13

TEXAS REGISTERED ENGINEERING FIRM F-13

ATTACHMENT E

Supplemental Permit Information Form SPIF

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

FOR AGENCIES REVIEWING DOMESTIC OR INDUSTRIAL TPDES WASTEWATER PERMIT APPLICATIONS

TCEQ USE ONLY:	
	AmendmentNew New
County:	
Admin Complete Date:	
Agency Receiving SPIF:	
Texas Historical Commission	U.S. Fish and Wildlife
Texas Parks and Wildlife Departmen	it U.S. Army Corps of Engineers
This form applies to TPDES permit applicat	tions only (Instructions, Page 53)
our agreement with EPA. If any of the items a	TCEQ will mail a copy to each agency as required by are not completely addressed or further information information before issuing the permit. Address
attachment for this form separately from the application will not be declared administrative completed in its entirety including all attach	ments. Questions or comments concerning this form n's Application Review and Processing Team by
The following applies to all applications:	
I. Permittee: <u>Cibolo Creek Municipal Author</u>	rity
Permit No. WQ00 <u>15334001</u>	EPA ID No. TX <u>0136131</u>
Address of the project (or a location descand county):	cription that includes street/highway, city/vicinity,
7424 Trainer Hale Road, Schertz, Bexar (County, Texas 78154.

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): <u>Mr.</u>										
First and Last Name: <u>Clint Ellis</u>										
Credential (P.E, P.G., Ph.D., etc.): $\underline{N/A}$										
Title: <u>General Manager</u>										
Mailing Address: <u>P.O. Box 930</u>										
City, State, Zip Code: <u>Schertz, TX 78154</u>										
Phone No.: (210) 658-6241 Ext.: N/A Fax No.: (210) 658-5830										
E-mail Address: <u>cellis@ccmatx.org</u>										
List the county in which the facility is located: <u>Bexar/Guadalupe</u>										
If the property is publicly owned and the owner is different than the permittee/applicant, please list the owner of the property.										
N/A										
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.										
Directly to Mid-Cibolo Creek, Segment No. 1913 of the San Antonio River Basin.										
Please provide a separate 7.5-minute USGS quadrangle map with the project boundaries plotted and a general location map showing the project area. Please highlight the discharge route from the point of discharge for a distance of one mile downstream. (This map is required in addition to the map in the administrative report). See SPIF 1 and 2										
4										
Provide original photographs of any structures 50 years or older on the property. See SPIF 3										
Provide original photographs of any structures 50 years or older on the property. See SPIF 3										
Provide original photographs of any structures 50 years or older on the property. See SPIF 3 Does your project involve any of the following? Check all that apply.										
Provide original photographs of any structures 50 years or older on the property. See SPIF 3 Does your project involve any of the following? Check all that apply. Proposed access roads, utility lines, construction easements										

Disturbance of vegetation or wetlands

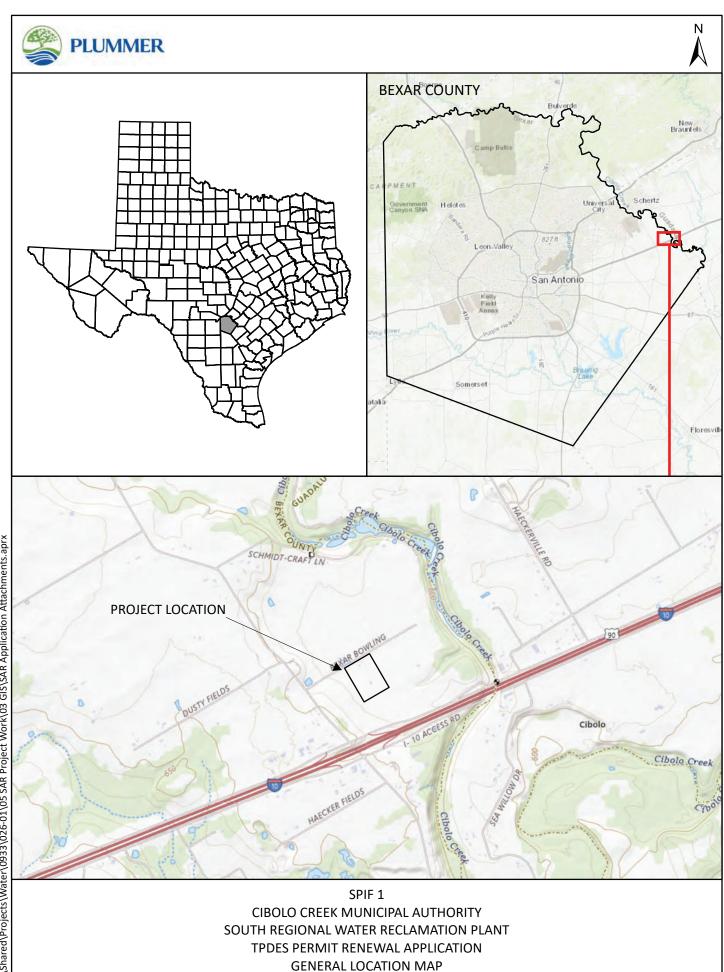
Sealing caves, fractures, sinkholes, other karst features

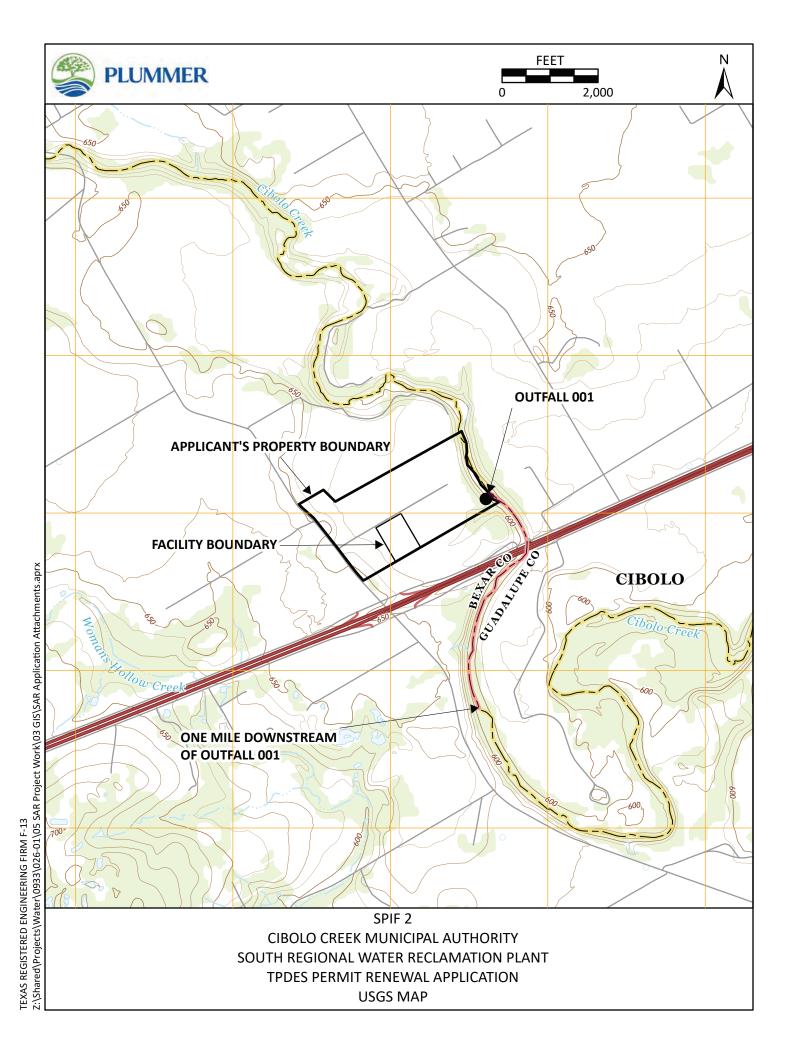
2.3.

4.

5.

	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): The construction of the South Regional Water Reclamation Plant has been completed. The area impacted is estimated at 17.5 acres of the property owned by CCMA. The maximum
	depth of excavation is 25 feet for treatment units. No caves or karst features are present.
2.	Describe existing disturbances, vegetation, and land use:
	The previous land use of the plot was "agricultural".
	E FOLLOWING ITEMS APPLY ONLY TO APPLICATIONS FOR NEW TPDES PERMITS AND MAJOR IENDMENTS TO TPDES PERMITS
3.	List construction dates of all buildings and structures on the property:
	N/A
4.	Provide a brief history of the property, and name of the architect/builder, if known.
•	N/A





SPIF 3 CIBOLO CREEK MUNICIPAL AUTHORITY SOUTH REGIONAL WATER RECLAMATION PLANT TPDES PERMIT RENEWAL APPLICATION PHOTOGRAPH OF BUILDING 50 YEARS OLD OR OLDER



Photograph 1. Historic cabin on the northwest area of the property.

ATTACHMENT F

Treatment Process Description Tech Rpt 1.0, Section 2.A

ATTACHMENT F

CIBOLO CREEK MUNICIPAL AUTHORITY SOUTH REGIONAL WATER RECLAMATION PLANT TPDES PERMIT RENEWAL APPLICATION TREATMENT PROCESS DESCRIPTION

Cibolo Creek Municipal Authority (CCMA) owns and operates the South Regional Water Reclamation Plant (South RWRP). The South RWRP began operation in February 2025. Three phases of operation are permitted by the Texas Pollutant Discharge Elimination System Permit No. WQ0015335001. The treatment processes for each phase are described in this attachment.

INTERIM I PHASE

The South RWRP is an activated sludge process plant that is operated in conventional mode with a design flow of 0.5 million gallons per day (MGD). Treatment units consist of two parallel package plants, each rated at 0.25 MGD. The processes for each package plant are screening, aeration for biological oxygen demand (BOD) reduction and nitrification, and final clarification. Alum is added by inline chemical feed to effluent from the aeration basin of each package plant prior to final clarification The final clarifier effluent is disinfected using sodium hypochlorite. Treated wastewater is aerated prior to discharge. Odor controls have been installed.

Solids are not processed at the South RWRP. The solids removed from the raw wastewater at the screens is placed in a dumpster, then transported to either a landfill or CCMA's Odo J. Riedel Regional Water Reclamation Plant (OJR RWRP). Waste activated sludge is removed from the final clarifiers and conveyed to an aerated sludge holding tank. Sludge from the holding tanks is transported by truck to a permitted off-site solids handling facility.

INTERIM II PHASE

The Interim II Phase is for a design flow of 1 MGD. A conventional activated sludge package plant operated in the conventional mode with a treatment capacity of 0.5 MGD will be added to the Interim I Phase facilities. The processes proposed for the new package plant are the same as those described for the Interim I Phase facilities. A process for phosphorus reduction will be added.

Solids treatment will not be conducted in the Interim II phase. The proposed solids handling and disposal practices are the same as those described for the Interim I Phase.

FINAL PHASE

The Final Phase is for a design flow of 3.0 MGD. Permanent concrete structures with 2.0 MGD treatment capacity will be added. The South RWRP will continue to be operated as a conventional activated sludge process plant. The proposed additional treatment units are two screening units, two aeration basins, two final clarifiers, tertiary filtration, and a chlorine contact basin.

The proposed Final Phase will include the construction of additional sludge storage and thickening facility. Thickened sludge will be disposed of at a landfill or further processed at the CCMA OJR RWRP and disposed in accordance with the CCMA OJR RWRP TPDES Permit, No. WQ0011269001.

ATTACHMENT G

List of Treatment Units Tech Rpt 1.0, Section 2.B

ATTACHMENT G CIBOLO CREEK MUNICIPAL AUTHORITY SOUTH REGIONAL WATER RECLAMATION PLANT TPDES PERMIT RENEWAL APPLICATION LIST OF TREATMENT UNITS

Interim I Phase (0.5 MGD)				
Description	Quantity	Equipment/Capacity		
Screening:				
Automated Screen	1	¼" Automated Rotary Fine Screen		
Manual Screen	1	¾" Manual Screen in Diversion Channel		
Aeration Basins:				
Package Plant A (0.25 MGD)	1	176,939 gallons; 2,088 SF x 11.3' SWD		
Package Plant B (0.25 MGD)	1	176,939 gallons; 2,088 SF x 11.3' SWD		
Final Clarifiers:				
Package Plant A (0.25 MGD)	1	89,461 gallons; 40' Dia. x 10' SWD		
Package Plant B (0.25 MGD)	1	89,461 gallons; 40' Dia. x 10' SWD		
Chlorine Contact Basin	1	28,012 gallons; 35' x 10' x 10.7' SWD		
Sludge Holding Tanks:				
Package Plant A (0.25 MGD)	1	80,948 gallons; 955 SF, 11.3' SWD		
Package Plant B (0.25 MGD)	1	80,948 gallons; 955 SF, 11.3' SWD		
Blowers:				
Large Blower	2	1,240 scfm		
Small Blower	1	810 scfm		
Sodium Hypochlorite Feed Pumps:	2	0.2 - 17.2 gal/hour		
Alum Feed Pumps	3	0.05 - 4.5 gal/hour		
Reaeration Basin:	1	28,012 gallons; 35' x 10' x 10.7' SWD		

ATTACHMENT G CIBOLO CREEK MUNICIPAL AUTHORITY SOUTH REGIONAL WATER RECLAMATION PLANT TPDES PERMIT RENEWAL APPLICATION LIST OF TREATMENT UNITS

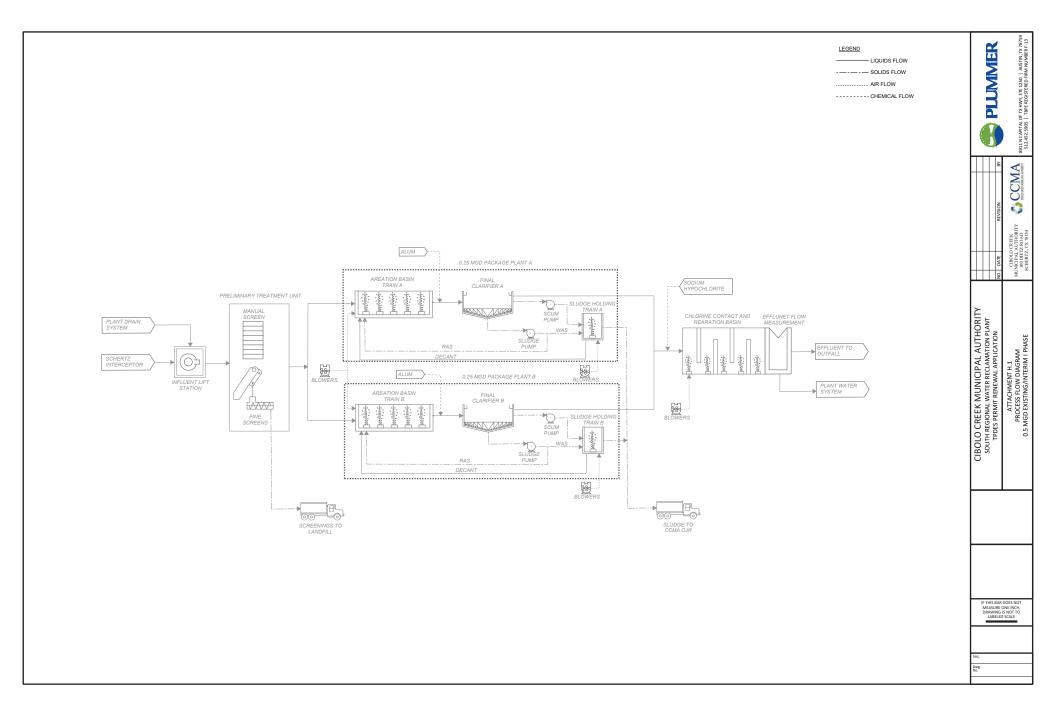
Interim II Phase (1.0 MGD)				
Description	Quantity	Equipment/Capacity		
Screening:				
Automated Screen	1	1/4" Automated Mechanical Fine Screen		
Manual Screen	1	3/4" Manual Screen in Diversion Channel		
Aeration Basins:				
Train A (1.0 MGD)	2	311,916 gallons (ea); 32' x 69' x 19' SWD		
Final Clarifiers:				
Train A (1.0 MGD)	2	146,869 gallons (ea.); 50' Dia. x 10' SWD		
Chlorine Contact Basin:				
Train A (1.0 MGD)	1	41,661 gallons; 36' x 15' x 10.5' SWD		
Sludge Holding Tank:	1	347,348 gallons; 74' Dia. x 11.3' SWD		
Blowers:				
Large Blower	3	1,240 scfm		
Small Blower	2	810 scfm		
Sodium Hypochlorite Feed Pumps:	3	0.2 - 17.2 gal/hour		
Alum Feed Pumps:	4	0.05 - 4.5 gal/hour		
Sodium Bisulfite Feed Pumps:	2	0.1 - 1 gal/hour		
Reaeration Basin:	1	41,661 gallons; 36' x 15' x 10.5' SWD		

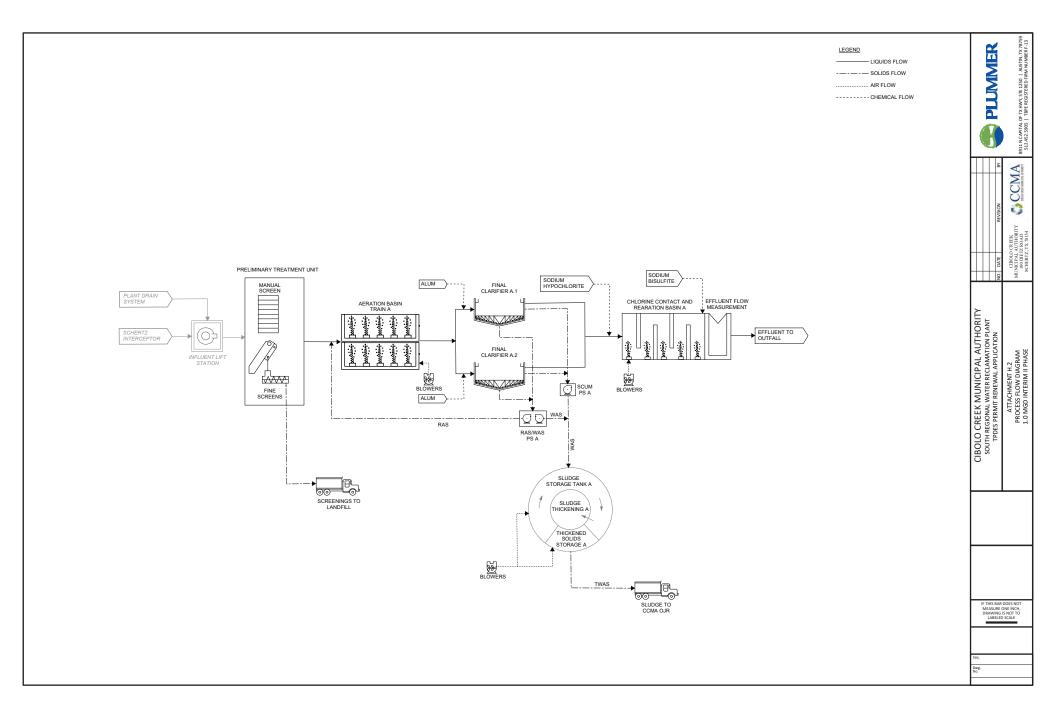
ATTACHMENT G CIBOLO CREEK MUNICIPAL AUTHORITY SOUTH REGIONAL WATER RECLAMATION PLANT TPDES PERMIT RENEWAL APPLICATION LIST OF TREATMENT UNITS

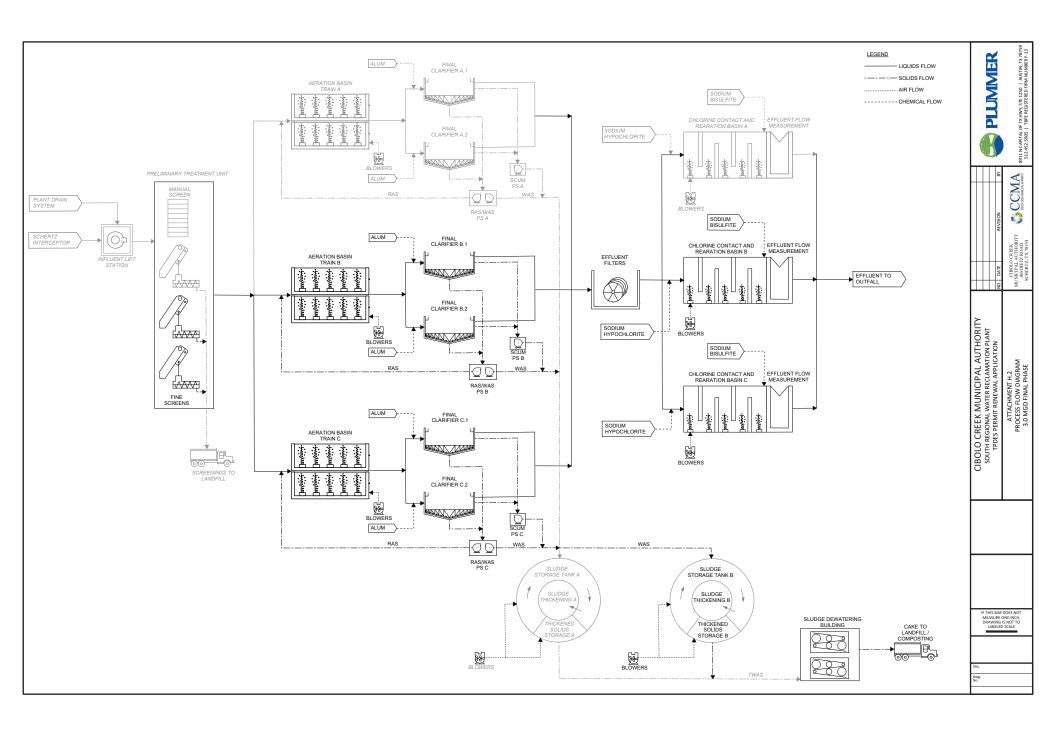
Final Phase (3.0 MGD)				
Description	Quantity	Equipment/Capacity		
Screening:				
Automated Screen	3	1/2" Automated Mechanical Fine Screen		
Manual Screen	1	3/4" Manual Screen in Diversion Channel		
Aeration Basins:				
Train A (1.0 MGD)	2	311,916 gallons (ea); 32' x 69' x 19' SWD		
Train B (1.0 MGD)	2	311,916 gallons (ea); 32' x 69' x 19' SWD		
Train C (1.0 MGD)	2	311,916 gallons (ea); 32' x 69' x 19' SWD		
Final Clarifiers:				
Train A (1.0 MGD)	2	146,869 gallons; 50' Dia. x 10' SWD		
Train B (1.0 MGD)	2	146,869 gallons; 50' Dia. x 10' SWD		
Train C (1.0 MGD)	2	146,869 gallons; 50' Dia. x 10' SWD		
Effluent Filters:	1	31 cloth media disks, 35 SF each		
Chlorine Contact Basin:				
Train A (1.0 MGD)	1	41,661 gallons; 36' x 15' x 10.5' SWD		
Train B (1.0 MGD)	1	41,661 gallons; 36' x 15' x 10.5' SWD		
Train C (1.0 MGD)	1	41,661 gallons; 36' x 15' x 10.5' SWD		
Sludge Holding Tank:	2	347,348 gallons; 74' Dia. x 11.3' SWD		
Biosolids Dewatering:	2	2-meter Belt Filter Presses		
Blowers:				
Large Blower	4	2,025 scfm		
Small Blower	3	1,240 scfm		
Sodium Hypochlorite Feed Pumps:	5	0.2 - 17.2 gal/hour		
Alum Feed Pumps:	6	0.05 - 4.5 gal/hour		
Sodium Bisulfite Feed Pumps:	4	0.1 - 1 gal/hour		
Reaeration Basin:	3	41,661 gallons; 36' x 15' x 10.5' SWD		

ATTACHMENT H

Process Flow Diagram
Tech Rpt 1.0, Section 2.C

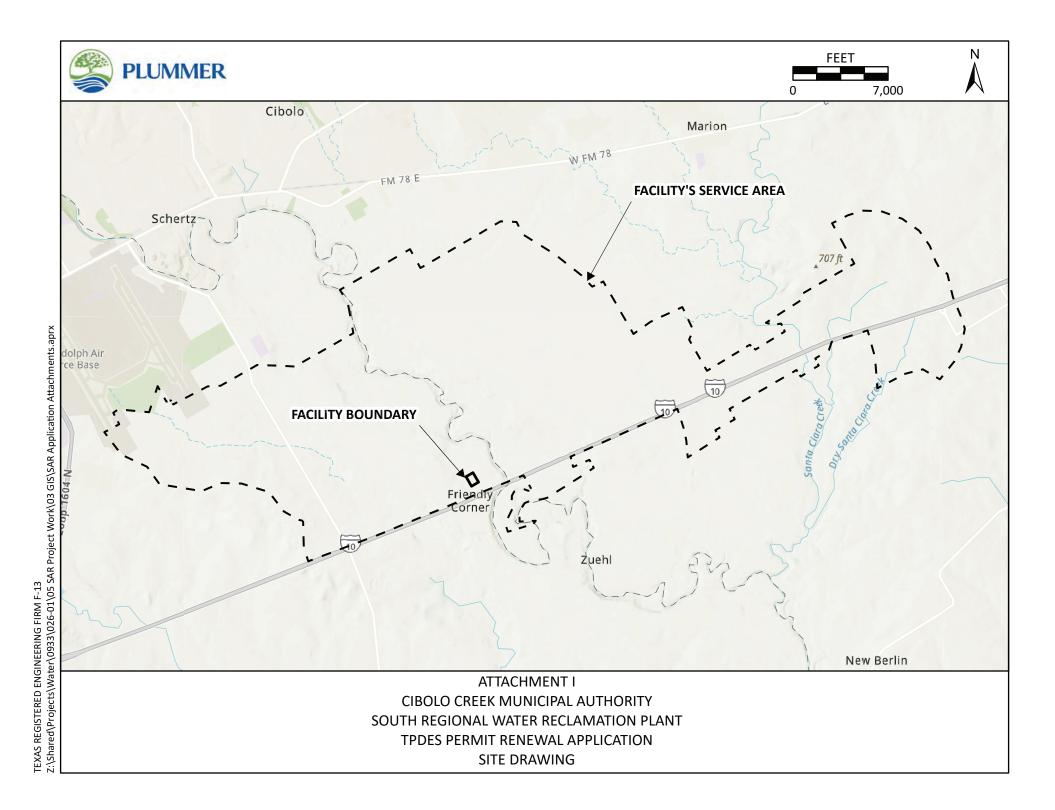






ATTACHMENT I

Site Drawing
Tech Rpt 1.0, Section 3



ATTACHMENT J

Notification of Completion Form Tech Rpt 1.0, Section 6.C



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

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

Current Permit Information

Tinat is the Tolly Trater Quality Tolling Transport	What is the	TCEQ Water	Quality Permit Nu	ımber? <u>WQ0015334001</u>
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What is the EPA I.D. Number? TX 0136131

Current Name on Permit: Cibolo Creek Municipal Authority

Notification

Indicate	the	ohase	the	facility	will	be o	perating	g.
							F	Ο.

☑ Interim Phase I Flow

☐ Interim Phase II Flow

□ Final Phase Flow

Indicate the date that the operation began or will begin operating under the selected phase:

Month/Day/Year: 06/03/2024

Comments: See letter complying with Section 217.14, submitted separately.

Certification and Signature

Responsible Official Name (Print or Type): Clint Ellis

Responsible Official Title: <u>General Manager</u> Responsible Official Email: <u>cellis@ccmatx.org</u>

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

Signature (use blue ink):

Date:

Email completed form to:

WO-ARPTeam@tceq.texas.gov

or

Fax completed form to:

512-239-0884

or mail completed form to:

Texas Commission on Environmental Quality

Applications Review and Processing Team (MC-148)

P.O. Box 13087

Austin TX 78711-3087