Administrative Package Cover Page

This file contains the following documents:

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

Portada de Paquete Administrativo

Este archivo contiene los siguientes documentos:

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

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

PLAIN LANGUAGE SUMMARY FOR TPDES OR TLAP PERMIT APPLICATIONS

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

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

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

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

ENGLISH TEMPLATE FOR TPDES or TLAP NEW/RENEWAL/AMENDMENT APPLICATIONS 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.

CNP Utility District (CN601573447) operates CNP Utility District Wastewater Treatment Facility (RN102687597), a wastewater treatment facility. The facility is located at 530 Cypress Station Drive, in Houston, Harris County, Texas 77090. The application is to renew the existing TPDES discharge permit to treat and discharge 2,500,000 GPD of domestic wastewater.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD5), total suspended solids (TSS), ammonia nitrogen (NH3-N). Domestic wastewater is treated by aerobic treatment, digestion, and disinfection.

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.

CNP Utility District (CN601573447) opera CNP Utility District Wastewater Treatment Facility RN102687597, una planta de tratamiento de aguas residuales. La instalación está ubicada en 530 Cypress Station Drive, en Houston, Condado de Harris, Texas 77090. La solicitud es para la renovación del permiso del Sistema de Eliminación de Descargas de Contaminantes de Texas (TPDES) para descargar a un flujo promedio anual de 2,500,000 galones diarios de aguas residuales domésticas tratadas.

Se espera que las descargas de la instalación contengan contengan demanda de bioquímico de oxígeno carbonoso (CBOD5) de cinco dias, sólidos suspendidos totales (TSS), nitrógeno amoniacal (NH3-N). Las aguas residuales domésticas. está tratado por un modo de mezcla completa del proceso de reactor del lote, digestores aerobios y desinfección.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

PERMIT NO. WQ0011239001

APPLICATION. CNP Utility District, 3700 Buffalo Speedway, Suite 830, Houston, Texas 77098, has applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0011239001 (EPA I.D. No. TX0055166) to authorize the discharge of treated wastewater at a volume not to exceed an annual average flow of 2,500,000 gallons per day. The domestic wastewater treatment facility is located at 530 Cypress Station Drive, in the city of Houston, in Harris County, Texas 77090. The discharge route is from the plant site directly to Cypress Creek. TCEQ received this application on May 30, 2024. The permit application will be available for viewing and copying at Barbara Bush Public Library, 6817 Cypresswood Drive, Spring, in Harris County, Texas prior to the date this notice is published in the newspaper. The application, including any updates, and associated notices are available electronically at the following webpage: https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application. https://gisweb.tceq.texas.gov/LocationMapper/?marker=-95.438055,30.032777&level=18

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

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

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

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

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

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

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

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

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

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

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

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

Further information may also be obtained from CNP Utility District at the address stated above or by calling Ms. Kara Richardson, Attorney for the District, at 713-942-9922.

Issuance Date: June 13, 2024

Comisión de Calidad Ambiental del Estado de Texas

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

PERMISO NO. WQ0011239001

SOLICITUD. CNP Utility District, 3700 Buffalo Speedway, Suite 830, Houston, Texas 77098 ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para renovar el Permiso No. WQ0011239001 (EPA I.D. No. TX0055166) del Sistema de Eliminación de Descargas de Contaminantes de Texas (TPDES) para autorizar la descarga de aguas residuales tratadas en un volumen que no sobrepasa un flujo promedio diario de 2,500,000 galones por día. La planta está ubicada 530 Cypress Station Drive, Houston en el Condado de Harris, Texas. La ruta de descarga es del sitio de la planta a Cypress Creek. La TCEQ recibió esta solicitud el Mayo 30, 2024. La solicitud para el permiso estará disponible para leerla y copiarla en Barbara Bush Public Library, 6817 Cypresswood Drive, Spring, en Harris County, Texas antes de la fecha de publicación de este aviso en el periódico. 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=-95.438055,30.032777&level=18

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

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

OPORTUNIDAD DE UNA AUDIENCIA ADMINISTRATIVA DE LO CONTENCIOSO. Después del plazo para presentar comentarios públicos, el Director Ejecutivo considerará todos los comentarios apropiados y preparará una respuesta a todo los comentarios públicos esenciales, pertinentes, o significativos. **A menos que la solicitud haya sido referida directamente a una audiencia administrativa de lo contencioso, la respuesta a los**

comentarios y la decisión del Director Ejecutivo sobre la solicitud serán enviados por correo a todos los que presentaron un comentario público y a las personas que están en la lista para recibir avisos sobre esta solicitud. Si se reciben comentarios, el aviso también proveerá instrucciones para pedir una reconsideración de la decisión del Director Ejecutivo y para pedir una audiencia administrativa de lo contencioso. Una audiencia administrativa de lo contencioso es un procedimiento legal similar a un procedimiento legal civil en un tribunal de distrito del estado.

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

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

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

CONTACTOS E INFORMACIÓN A LA AGENCIA. Todos los comentarios públicos y solicitudes deben ser presentadas electrónicamente vía http://www14.tceq.texas.gov/epic/eComment/o por escrito dirigidos a la Comisión

de Texas de Calidad Ambiental, Oficial de la Secretaría (Office of Chief Clerk), MC-105, P.O. Box 13087, Austin, Texas 78711-3087. Tenga en cuenta que cualquier información personal que usted proporcione, incluyendo su nombre, número de teléfono, dirección de correo electrónico y dirección física pasarán a formar parte del registro público de la Agencia. Para obtener más información acerca de esta solicitud de permiso o el proceso de permisos, llame al programa de educación pública de la TCEQ, gratis, al 1-800-687-4040. Si desea información en Español, puede llamar al 1-800-687-4040.

También se puede obtener información adicional del CNP Utility District a la dirección indicada arriba o llamando a Ms. Kara Richardson, Attorney for the District al 713-942-9922.

Fecha de emission: 13 de junio de 2024

A&S Engineers, Inc.

May 30, 2024

Texas Commission on Environmental Quality
Applications Review and Processing Team (MC 148)
12100 Park 35 Circle
Austin, Texas 78753

Re: Domestic Wastewater Discharge Permit Renewal
Permit No. WQ0011239-001
NPDES Permit No. TX 0055166
CNP Utility District
A & S Project No. 135008.04

Ladies and Gentlemen:

CNP Utility District holds a TCEQ permit for a municipal wastewater treatment plant, Permit No. WQ0011239-001 that is due to expire on November 29, 2024. Attached is a Permit Renewal Application for the wastewater treatment plant.

Enclosed are one (1) original and three (3) copies of the Application. The fee is being sent under separate cover to the Revenues Section (MC 214).

If you have any questions or comments, please feel free to call me at (713) 942-2700.

Sincerely,

Jonathan D. Liu, P.E.
Project Manager

Enclosures: TPDES Permit Renewal Application Package for CNP UD

cc w/enclosures: Ms. Kara Richardson, Marks Richardson P.C.
Mr. Jason Sessum, Municipal District Services, LLC
TCEQ-Houston

10377 Stella Link Road | Houston, TX 77025 | 713 / 942 / 2700 | www.as-engineers.com

CNP Utility District

TPDES PERMIT RENEWAL
DOMESTIC WASTEWATER DISCHARGE

2.50 MGD WWTP

May 2024

TPDES PERMIT NO. WQ0011239-001
US EPA PERMIT NO. TX0055166

A&S Engineers, Inc.

10377 Stella Link Rd
Houston, TX 77025
Texas Engineering Registration No. F-000802
Phone: 713-942-2700, Fax: 713-942-2799

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST

Complete and submit this checklist with the application.

APPLICANT NAME: CNP Utility District

PERMIT NUMBER (If new, leave blank): WQ00 11239-001

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

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

For TCEQ Use Only

Segment Number _____County _____
Expiration Date _____Region_____
Permit Number _____

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

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

Section 1. Application Fees (Instructions Page 26)

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

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

Minor Amendment (for any flow) $150.00 ☐

Payment Information:

Mailed — Check/Money Order Number: 1581

Check/Money Order Amount: $2015.00

Name Printed on Check: A&S Engineers, Inc.

EPAY — Voucher Number: Click to enter text.

Copy of Payment Voucher enclosed? Yes ☐

Section 2. Type of Application (Instructions Page 26)

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

☒ Publicly-Owned Domestic Wastewater

☐ Privately-Owned Domestic Wastewater

☐ Conventional Wastewater Treatment

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

☒ Active ☐ Inactive

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

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

d. Check the box next to the appropriate application type

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

e. For amendments or modifications, describe the proposed changes: N/A

f. For existing permits:

Permit Number: WQ00 11239-001

EPA I.D. (TPDES only): TX 0055166

Expiration Date: 11/29/2024

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

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

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

CNP Utility District

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

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

CN: 601573447

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: Ms. Last Name, First Name: Granberry, Renee

Title: President, Board of Directors Credential: Click to enter text.

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

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

Click to enter text.

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

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

CN: Click to enter text.

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

Prefix: Click to enter text. Last Name, First Name: Click to enter text.

Title: Click to enter text. Credential: Click to enter text.

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

C. Core Data Form

Complete the Core Data Form for each customer and include as an attachment. If the customer type selected on the Core Data Form is **Individual**, complete **Attachment 1** of Administrative Report 1.0. See attached Exhibit No. 14

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: Ms. Last Name, First Name: Richardson, Kara

Title: Attorney for the District Credential: Click to enter text.

Organization Name: Marks Richardson P.C.

Mailing Address: 3700 Buffalo Speedway, Suite 830 City, State, Zip Code: Houston, TX 77098

Phone No.: 713-942-9922 E-mail Address: krichardson@marksrichardsonpc.com

Check one or both: ☒ Administrative Contact ☐ Technical Contact

B. Prefix: Mr. Last Name, First Name: Liu, Jonathan D.

Title: Engineer for the District Credential: P.E.

Organization Name: A&S Engineers

Mailing Address: 10377 Stella Link Road City, State, Zip Code: Houston, TX 77025

Phone No.: (713) 942-2700 E-mail Address: jdl@as-engineers.com

Check one or both: ☐ Administrative Contact ☒ Technical Contact

Section 5. Permit Contact Information (Instructions Page 27)

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

A. Prefix: Mr. Last Name, First Name: Anderson, Ronald

Title: Engineer for the District Credential: P.E.

Organization Name: A&S Engineers

Mailing Address: 10377 Stella Link Road City, State, Zip Code: Houston, TX 77025

Phone No.: (713) 942-2700 E-mail Address: rda@as-engineers.com

B. Prefix: Ms. Last Name, First Name: Richardson, Kara

Title: Attorney for the District Credential: Click to enter text.

Organization Name: Marks Richardson P.C.

Mailing Address: 3700 Buffalo Speedway, Suite 830 City, State, Zip Code: Houston, TX 77098

Phone No.: 713-942-9922 E-mail Address: krichardson@marksrichardsonpc.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: Ms. Last Name, First Name: Young, Susan

Title: Manager Credential: Click to enter text.

Organization Name: Municipal District Services, LLC

Mailing Address: 406 W. Grand Pkwy S, Ste 260 City, State, Zip Code: Katy, TX 77494

Phone No.: 281-290-6500 E-mail Address: syoung@mdswater.com

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: Ms. Last Name, First Name: Young, Susan

Title: Manager Credential: Click to enter text.

Organization Name: Municipal District Services, LLC

Mailing Address: 406 W. Grand Pkwy S, Ste 260 City, State, Zip Code: Katy, TX 77494

Phone No.: 281-290-6500 E-mail Address: syoung@mdswater.com

Section 8. Public Notice Information (Instructions Page 27)

A. Individual Publishing the Notices

Prefix: Mr. Last Name, First Name: Liu, Jonathan

Title: Engineer for the District Credential: P.E.

Organization Name: A&S Engineers, Inc.

Mailing Address: 10377 Stella Link Road City, State, Zip Code: Houston, TX, 77025

Phone No.: 723-942-2700 E-mail Address: jdl@as-engineers.com

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

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

☒ E-mail Address

☐ Fax

☐ Regular Mail

C. Contact permit to be listed in the Notices

Prefix: Ms. Last Name, First Name: Richardson, Kara

Title: Attorney for the District Credential: Click to enter text.

Organization Name: Marks Richardson, P.C.

Mailing Address: 3700 Buffalo Speedway, Suite 830 City, State, Zip Code: Houston, Texas 77098

Phone No.: 713-942-9922 E-mail Address: krichardson@marksrichardsonpc.com

D. Public Viewing Information

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

Public building name: Harris County Public Library-Barbara Bush Branch

Location within the building: Click to enter text.

Physical Address of Building: 6817 Cypresswood Drive, Spring, TX 77379

City: Spring County: Harris

Contact (Last Name, First Name): Harris, Shane

Phone No.: 832-927-7800 Ext.: Click to enter text.

E. Bilingual Notice Requirements

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

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

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

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

   ☒ Yes ☐ No

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

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

   ☒ Yes ☐ No

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

   ☐ Yes ☒ No

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

   ☐ Yes ☒ No

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

F. Plain Language Summary Template

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

Attachment: See attached

G. Public Involvement Plan Form

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

Attachment: N/A

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

A. If the site is currently regulated by TCEQ, provide the Regulated Entity Number (RN) issued to this site. **RN** 102687597

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

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

CNP Utility District Wastewater Treatment Facility

C. Owner of treatment facility: CNP Utility District

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

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

Prefix: Click to enter text. Last Name, First Name: CNP Utility District

Title: Click to enter text. Credential: Click to enter text.

Organization Name: CNP Utility District

Mailing Address: 3700 Buffalo Speedway, Suite 830 City, State, Zip Code: Houston, Texas 77098

Phone No.: 713-942-9922 E-mail Address: krichardson@marksrichardsonpc.com

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

Attachment: N/A

E. Owner of effluent disposal site:

Prefix: N/A Last Name, First Name: Click to enter text.

Title: Click to enter text. Credential: Click to enter text.

Organization Name: Click to enter text.

Mailing Address: Click to enter text. City, State, Zip Code: Click to enter text.

Phone No.: Click to enter text. E-mail Address: Click to enter text.

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

Attachment: N/A

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

Prefix: N/A Last Name, First Name: Click to enter text.

Title: Click to enter text. Credential: Click to enter text.

Organization Name: Click to enter text.

Mailing Address: Click to enter text. City, State, Zip Code: Click to enter text.

Phone No.: Click to enter text. E-mail Address: Click to enter text.

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

Attachment: N/A

Section 10. TPDES Discharge Information (Instructions Page 31)

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

☒ Yes ☐ No

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

Click to enter text.

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

☒ Yes ☐ No

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

Click to enter text.

City nearest the outfall(s): Houston

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

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

☒ Yes ☐ No

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

☒ Authorization granted ☐ Authorization pending

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

Attachment: Click to enter text.

D. For all applications involving an average daily discharge of 5 MGD or more, provide the names of all counties located within 100 statute miles downstream of the point(s) of discharge: N/A

Section 11. TLAP Disposal Information (Instructions Page 32)

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

☐ Yes ☐ No

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

Click to enter text.

B. City nearest the disposal site: Click to enter text.

C. County in which the disposal site is located: Click to enter text.

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

Click to enter text.

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

Section 12. Miscellaneous Information (Instructions Page 32)

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

☐ Yes ☒ No

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

☐ Yes ☐ No ☒ Not Applicable

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

Click to enter text.

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

☐ Yes ☒ No

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

D. Do you owe any fees to the TCEQ?

☐ Yes ☒ No

If **yes**, provide the following information:

Account number: Click to enter text.

Amount past due: Click to enter text.

E. Do you owe any penalties to the TCEQ?

☐ Yes ☒ No

If **yes**, please provide the following information:

Enforcement order number: Click to enter text.

Amount past due: Click to enter text.

Section 13. Attachments (Instructions Page 33)

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

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

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

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

☐ Attachment 1 for Individuals as co-applicants

☐ Other Attachments. Please specify: Click to enter text.

Section 14. Signature Page (Instructions Page 34)

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

Permit Number: WQ0011239-001

Applicant: CNP Utility District

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): Renee S. Granberry

Signatory title: President, Board of Directors

Signature: Renee S Gr (Use blue ink) Date: 5-8-24

Subscribed and Sworn to before me by the said Renee S. Graberry

on this 8th day of May, 20 24.

My commission expires on the 24th day of February, 20 27.

BIANCA RAVEN BIRKES
Notary Public, State of Texas
Comm. Expires 02-24-2027
Notary ID 134219674

Bianca Raven Birkes
Notary Public

[SEAL]

Harris
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: See attached Exhibit 15

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST OF COMMON DEFICIENCIES

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

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

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

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

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

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

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

Things to Know:

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

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

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

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

Plain Language Summary ☒ Yes

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.0

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

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

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

A. Existing/Interim I Phase

Design Flow (MGD): 2.5

2-Hr Peak Flow (MGD): 7.5

Estimated construction start date: N/A

Estimated waste disposal start date: N/A

B. Interim II Phase

Design Flow (MGD): N/A

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

Estimated construction start date: N/A

Estimated waste disposal start date: N/A

C. Final Phase

Design Flow (MGD): 2.5

2-Hr Peak Flow (MGD): 7.5

Estimated construction start date: N/A

Estimated waste disposal start date: N/A

D. Current Operating Phase

Provide the startup date of the facility: August 1980

Section 2. Treatment Process (Instructions Page 43)

A. Current Operating Phase

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

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

The existing activated sludge plant is configured to operate a complete mix single stage nitrification process. Sewage sludge enters to bar screen in the existing 2.5 MGD plant which includes aeration, clarifiers, gravity filtration, and aerobic digestion. The system includes UV for disinfection before discharging the treated effluent to Cypress Creek through a 36" dia. outfall pipe

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)
Reference Exhibit 8		

C. Process Flow Diagram

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

Attachment: Ref Exhibit 7

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

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

- Latitude: 30.0342106
- Longitude: -95.4406943

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

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

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

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

Attachment: Reference Exhibit 11 and 12

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

CNP Utility District

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

Collection System Information

Collection System Name	Owner Name	Owner Type	Population Served
CNP UD Collection System	**CNP Utility District**	**Publicly Owned**	15,000
		Choose an item.	
		Choose an item.	
		Choose an item.	

Section 4. Unbuilt Phases (Instructions Page 45)

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

Click to enter text.

Section 5. Closure Plans (Instructions Page 45)

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

Click to enter text.

Section 6. Permit Specific Requirements (Instructions Page 45)

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

A. Summary transmittal

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

☒ Yes ☐ No

If yes, provide the date(s) of approval for each phase: August 1979

Provide information, including dates, on any actions taken to meet a *requirement or provision* pertaining to the submission of a summary transmittal letter. **Provide a copy of an approval letter from the TCEQ, if applicable**.

Click to enter text.

B. Buffer zones

Have the buffer zone requirements been met?

☒ Yes ☐ No

Provide information below, including dates, on any actions taken to meet the conditions of the buffer zone. If available, provide any new documentation relevant to maintaining the buffer zones.

Click to enter text.

C. Other actions required by the current permit

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

☐ Yes ☒ No

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

Click to enter text.

D. Grit and grease treatment

1. Acceptance of grit and grease waste

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

☐ Yes ☒ No

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

2. Grit and grease processing

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

Click to enter text.

3. Grit disposal

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

☐ Yes ☐ No

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

Describe the method of grit disposal.

Click to enter text.

4. *Grease and decanted liquid disposal*

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

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

Click to enter text.

E. Stormwater management

1. *Applicability*

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

☒ Yes ☐ No

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

☐ Yes ☒ No

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

2. *MSGP coverage*

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

☐ Yes ☒ No

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

TXR05 Click to enter text. or TXRNE Click to enter text.

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

☐ Yes ☒ No

3. *Conditional exclusion*

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

☐ Yes ☒ No

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

Click to enter text.

4. ***Existing coverage in individual permit***

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

☐ Yes ☒ No

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

Click to enter text.

5. ***Zero stormwater discharge***

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

☐ Yes ☒ No

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

Click to enter text.

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

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

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

☐ Yes ☒ No

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

Click to enter text.

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

F. Discharges to the Lake Houston Watershed

Does the facility discharge in the Lake Houston watershed?

☒ Yes ☐ No

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

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

1. Acceptance of sludge from other WWTPs

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

☐ Yes ☒ No

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

Click to enter text.

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

2. Acceptance of septic waste

Is the facility accepting or will it accept septic waste?

☐ Yes ☒ No

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

☐ Yes ☐ No

If yes, does the unit have a Municipal Solid Waste permit?

☐ Yes ☐ No

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

Click to enter text.

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

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

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

☐ Yes ☒ No

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

Click to enter text.

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

Is the facility in operation?

☒ Yes ☐ No

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

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

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

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

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
$CBOD_5$, mg/l	2.5	2.5	1	Grab	2/15/2024 @ 11:12
Total Suspended Solids, mg/l	<1.0	<1.0	1	Grab	2/15/2024 @ 11:12

Ammonia Nitrogen, mg/l	<0.1	<0.11	1	Grab	2/15/2024 @ 11:12
Nitrate Nitrogen, mg/l	14.6	14.6	1	Grab	2/15/2024 @ 11:12
Total Kjeldahl Nitrogen, mg/l	<1.0	<1.0	1	Grab	2/15/2024 @ 11:12
Sulfate, mg/l	25.1	25.1	1	Grab	2/15/2024 @ 11:12
Chloride, mg/l	87.2	87.2	1	Grab	2/15/2024 @ 11:12
Total Phosphorus, mg/l	3.74	3.74	1	Grab	2/15/2024 @ 11:12
pH, standard units	7.5	7.5	1	Grab	2/15/2024 @ 11:12
Dissolved Oxygen*, mg/l	7.5	7.5	1	Grab	2/15/2024 @ 11:12
Chlorine Residual, mg/l	<0.1	<0.1	1	Grab	2/15/2024 @ 11:12
E.coli (CFU/100ml) freshwater	<2	<2	1	Grab	2/15/2024 @ 11:12
Entercocci (CFU/100ml) saltwater	N/A	N/A	N/A	N/A	N/A
Total Dissolved Solids, mg/l	608	608	1	Grab	2/15/2024 @ 11:12
Electrical Conductivity, µmohs/cm, †	651	651	1	Grab	2/15/2024 @ 11:12
Oil & Grease, mg/l	<5.1	<5.1	1	Grab	2/15/2024 @ 11:12
Alkalinity ($CaCO_3$)*, mg/l	90	90	1	Grab	2/15/2024 @ 11:12

*TPDES permits only
†TLAP permits only

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

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

Section 8. Facility Operator (Instructions Page 50)

Facility Operator Name: Municipal District Services, LLC.

Facility Operator's License Classification and Level: Click to enter text.

Facility Operator's License Number: Certification No. OC0000129

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 >= 10,000 people
- ☐ Class I Sludge Management Facility (per 40 CFR § 503.9)
- ☐ Biosolids generator
- ☐ Biosolids end user – land application (onsite)
- ☐ Biosolids end user – surface disposal (onsite)
- ☐ Biosolids end user – incinerator (onsite)

B. WWTP's Biosolids Treatment Process

Check all that apply. See instructions for guidance.

- ☒ Aerobic Digestion
- ☐ Air Drying (or sludge drying beds)
- ☐ Lower Temperature Composting
- ☐ Lime Stabilization
- ☐ Higher Temperature Composting
- ☐ Heat Drying
- ☐ Thermophilic Aerobic Digestion
- ☐ Beta Ray Irradiation
- ☐ Gamma Ray Irradiation
- ☐ Pasteurization
- ☐ Preliminary Operation (e.g. grinding, de-gritting, blending)
- ☐ Thickening (e.g. gravity thickening, centrifugation, filter press, vacuum filter)
- ☐ Sludge Lagoon
- ☐ Temporary Storage (< 2 years)
- ☐ Long Term Storage (>= 2 years)
- ☐ Methane or Biogas Recovery

☐ Other Treatment Process: Click to enter text.

C. Biosolids Management

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

Biosolids Management

Management Practice	Handler or Preparer Type	Bulk or Bag Container	Amount (dry metric tons)	Pathogen Reduction Options	Vector Attraction Reduction Option
Disposal in Landfill	Off-site Third-Party Handler or Preparer	Bulk		Choose an item.	Choose an item.
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.

If "Other" is selected for Management Practice, please explain (e.g. monofill or transport to another WWTP): Click to enter text.

D. Disposal site

Disposal site name: New Earth Inc., Fort Bend Regional Landfill

TCEQ permit or registration number: 42041, MSW1797A

County where disposal site is located: Harris, Fort Bend

E. Transportation method

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

Name of the hauler: Trinity Wastewater Solutions

Hauler registration number: 24738

Sludge is transported as a:

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

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

A. Beneficial use authorization

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

☐ Yes ☐ No

B. Sludge processing authorization

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

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

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

☐ Yes ☐ No

Section 11. Sewage Sludge Lagoons (Instructions Page 53)

Does this facility include sewage sludge lagoons?

☐ Yes ☒ No

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

A. Location information

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

- Original General Highway (County) Map:

  Attachment: Click to enter text.
- USDA Natural Resources Conservation Service Soil Map:

  Attachment: Click to enter text.
- Federal Emergency Management Map:

  Attachment: Click to enter text.
- Site map:

  Attachment: Click to enter text.

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

☐ Overlap a designated 100-year frequency flood plain

☐ Soils with flooding classification

☐ Overlap an unstable area

☐ Wetlands

☐ Located less than 60 meters from a fault

☐ None of the above

Attachment: Click to enter text.

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

Click to enter text.

B. Temporary storage information

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

Nitrate Nitrogen, mg/kg: Click to enter text.

Total Kjeldahl Nitrogen, mg/kg: Click to enter text.

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

Phosphorus, mg/kg: Click to enter text.

Potassium, mg/kg: Click to enter text.

pH, standard units: Click to enter text.

Ammonia Nitrogen mg/kg: Click to enter text.

Arsenic: Click to enter text.

Cadmium: Click to enter text.

Chromium: Click to enter text.

Copper: Click to enter text.

Lead: Click to enter text.

Mercury: Click to enter text.

Molybdenum: Click to enter text.

Nickel: Click to enter text.

Selenium: Click to enter text.

Zinc: Click to enter text.

Total PCBs: Click to enter text.

Provide the following information:

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

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

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

C. Liner information

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

☐ Yes ☐ No

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

Click to enter text.

D. Site development plan

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

Click to enter text.

Attach the following documents to the application.

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

  Attachment: Click to enter text.
- Copy of the closure plan

  Attachment: Click to enter text.
- Copy of deed recordation for the site

  Attachment: Click to enter text.
- Size of the sludge lagoon(s) in surface acres and capacity in cubic feet and gallons

  Attachment: Click to enter text.
- Description of the method of controlling infiltration of groundwater and surface water from entering the site

  Attachment: Click to enter text.
- Procedures to prevent the occurrence of nuisance conditions

  Attachment: Click to enter text.

E. Groundwater monitoring

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

☐ Yes ☐ No

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

Attachment: Click to enter text.

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

A. Additional authorizations

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

☐ Yes ☒ No

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

Click to enter text.

B. Permittee enforcement status

Is the permittee currently under enforcement for this facility?

☐ Yes ☒ No

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

☐ Yes ☒ No

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

Click to enter text.

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

A. RCRA hazardous wastes

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

☐ Yes ☒ No

B. Remediation activity wastewater

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

☐ Yes ☒ No

C. Details about wastes received

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

Attachment: Click to enter text.

Section 14. Laboratory Accreditation (Instructions Page 56)

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

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

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

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

CERTIFICATION:

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

Printed Name: Renee S. Granberry

Title: President, Board of Directors

Signature: _____

Date: 5-8-24

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: 2/15/2024 @ 11:12

Table 4.0(1) – Toxics Analysis

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Acrylonitrile	<1.00	<1.00	1	50
Aldrin	<0.009999	<0.009999	1	0.01
Aluminum	9.14	9.14	1	2.5
Anthracene	<1.02	<1.02	1	10
Antimony	<2.00	<2.00	1	5
Arsenic	1.63	1.63	1	0.5
Barium	97.2	97.2	1	3
Benzene	<1.00	<1.00	1	10
Benzidine	<20.4	<20.4	1	50
Benzo(a)anthracene	<1.02	<1.02	1	5
Benzo(a)pyrene	<1.02	<1.02	1	5
Bis(2-chloroethyl)ether	<1.02	<1.02	1	10
Bis(2-ethylhexyl)phthalate	<7.66	<7.66	1	10
Bromodichloromethane	<1.00	<1.00	1	10
Bromoform	<1.00	<1.00	1	10
Cadmium	<1.00	<1.00	1	1
Carbon Tetrachloride	<1.00	<1.00	1	2
Carbaryl	<2.50	<2.50	1	5
Chlordane*	<0.00999	<0.00999	1	0.2
Chlorobenzene	<1.00	<1.00	1	10

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Chlorodibromomethane	<1.00	<1.00	1	10
Chloroform	<1.00	<1.00	1	10
Chlorpyrifos	<0.050	<0.050	1	0.05
Chromium (Total)	<1.00	<1.00	1	3
Chromium (Tri) **(*1)**	<3	<3	1	N/A
Chromium (Hex)	<3	<3	1	3
Copper	3.14	3.14	1	2
Chrysene	<1.02	<1.02	1	5
p-Chloro-m-Cresol	<2.45	<2.45	1	10
4,6-Dinitro-o-Cresol	<8.17	<8.17	1	50
p-Cresol	<6.33	<6.33	1	10
Cyanide **(*2)**	<2.38	<2.38	1	10
4,4'- DDD	<0.00999	<0.00999	1	0.1
4,4'- DDE	<0.00999	<0.00999	1	0.1
4,4'- DDT	<0.00999	<0.00999	1	0.02
2,4-D	<0.502	<0.502	1	0.7
Demeton (O and S)	<0.050	<0.050	1	0.20
Diazinon	<0.050	<0.050	1	0.5/0.1
1,2-Dibromoethane	<1.00	<1.00	1	10
m-Dichlorobenzene	<1.00	<1.00	1	10
o-Dichlorobenzene	<1.00	<1.00	1	10
p-Dichlorobenzene	<1.00	<1.00	1	10
3,3'-Dichlorobenzidine	<5.00	<5.00	1	5
1,2-Dichloroethane	<1.00	<1.00	1	10
1,1-Dichloroethylene	<1.00	<1.00	1	10
Dichloromethane	<1.02	<1.02	1	20
1,2-Dichloropropane	<1.00	<1.00	1	10
1,3-Dichloropropene	<1.00	<1.00	1	10
Dicofol	<0.0999	<0.0999	1	1
Dieldrin	<0.00999	<0.00999	1	0.02
2,4-Dimethylphenol	<2.45	<2.45	1	10
Di-n-Butyl Phthalate	<7.66	<7.66	1	10
Diuron	<0.045	<0.045	1	0.09

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Endosulfan I (alpha)	<0.00999	<0.00999	1	0.01
Endosulfan II (beta)	<0.00999	<0.00999	1	0.02
Endosulfan Sulfate	<0.00999	<0.00999	1	0.1
Endrin	<0.00999	<0.00999	1	0.02
Ethylbenzene	<1.00	<1.00	1	10
Fluoride	133	133	1	500
Guthion	<0.050	<0.050	1	0.1
Heptachlor	<0.00999	<0.00999	1	0.01
Heptachlor Epoxide	<0.00999	<0.00999	1	0.01
Hexachlorobenzene	<1.02	<1.02	1	5
Hexachlorobutadiene	<1.02	<1.02	1	10
Hexachlorocyclohexane (alpha)	<0.00999	<0.00999	1	0.05
Hexachlorocyclohexane (beta)	<0.00999	<0.00999	1	0.05
gamma-Hexachlorocyclohexane (Lindane)	<0.00999	<0.00999	1	0.05
Hexachlorocyclopentadiene	<9.19	<9.19	1	10
Hexachloroethane	<1.02	<1.02	1	20
Hexachlorophene			1	10
Lead	<0.500	<0.500	1	0.5
Malathion	<0.050	<0.050	1	0.1
Mercury	<0.00128	<0.00128	1	0.005
Methoxychlor	>0.00999	>0.00999	1	2
Methyl Ethyl Ketone			1	50
Mirex	<0.015	<0.015	1	0.02
Nickel	<2.00	<2.00	1	2
Nitrate-Nitrogen	14600	14600	1	100
Nitrobenzene	<1.02	<1.02	1	10
N-Nitrosodiethylamine	<7.15	<7.15	1	20
N-Nitroso-di-n-Butylamine	<1.02	<1.02	1	20
Nonylphenol	<30.5	<30.5	1	333
Parathion (ethyl)	<0.050	<0.050	1	0.1
Pentachlorobenzene	<1.02	<1.02	1	20
Pentachlorophenol	<1.02	<1.02	1	5

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Phenanthrene	<1.02	<1.02	1	10
Polychlorinated Biphenyls (PCB's) **(*3)**	<1.402	<1.402	1	0.2
Pyridine	<5.52	<5.52	1	20
Selenium	<2.00	<2.00	1	5
Silver	<0.500	<0.500	1	0.5
1,2,4,5-Tetrachlorobenzene	<1.02	<1.02	1	20
1,1,2,2-Tetrachloroethane	<1.00	<1.00	1	10
Tetrachloroethylene	<1.00	<1.00	1	10
Thallium	<0.500	<0.500	1	0.5
Toluene	<1.00	<1.00	1	10
Toxaphene	<0.200	<0.200	1	0.3
2,4,5-TP (Silvex)	<0.300	<0.300	1	0.3
Tributyltin (see instructions for explanation)	N/A	N/A	1	0.01
1,1,1-Trichloroethane	<1.00	<1.00	1	10
1,1,2-Trichloroethane	<1.00	<1.00	1	10
Trichloroethylene	<1.00	<1.00	1	10
2,4,5-Trichlorophenol	<1.02	<1.02	1	50
TTHM (Total Trihalomethanes)	<4.00	<4.00	1	10
Vinyl Chloride	<1.00	<1.00	1	10
Zinc	21.5	21.5	1	5

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

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

(*3) The sum of seven PCB congeners 1242, 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: **2/15/2024 @ 11:12**

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	<2.00	<2.00	1	5
Arsenic	1.63	1.63	1	0.5
Beryllium	<0.500	<0.500	1	0.5
Cadmium	<1.00	<1.00	1	1
Chromium (Total)	<1.00	<1.00	1	3
Chromium (Hex)	<3	<3	1	3
Chromium (Tri) **(*1)**	<3	<3	1	N/A
Copper	3.14	3.14	1	2
Lead	<0.500	<0.500	1	0.5
Mercury	0.00183	0.00183	1	0.005
Nickel	<2.00	<2.00	1	2
Selenium	<2.00	<2.00	1	5
Silver	<0.500	<0.500	1	0.5
Thallium	<0.500	<0.500	1	0.5
Zinc	21.5	21.5	1	5
Cyanide **(*2)**	<2.38	<2.38	1	10
Phenols, Total	<1.53	<1.53	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	<4.00	<4.00	1	50
Acrylonitrile	<1.00	<1.00	1	50
Benzene	<1.00	<1.00	1	10
Bromoform	<1.00	<1.00	1	10
Carbon Tetrachloride	<1.00	<1.00	1	2
Chlorobenzene	<1.00	<1.00	1	10
Chlorodibromomethane	<1.00	<1.00	1	10
Chloroethane	<1.12	<1.12	1	50
2-Chloroethylvinyl Ether	<1.00	<1.00	1	10
Chloroform	<1.00	<1.00	1	10
Dichlorobromomethane [Bromodichloromethane]	<1.00	<1.00	1	10
1,1-Dichloroethane	<1.00	<1.00	1	10
1,2-Dichloroethane	<1.00	<1.00	1	10
1,1-Dichloroethylene	<1.00	<1.00	1	10
1,2-Dichloropropane	<1.00	<1.00	1	10
1,3-Dichloropropylene [1,3-Dichloropropene]	<1.00	<1.00	1	10
1,2-Trans-Dichloroethylene	<1.00	<1.00	1	10
Ethylbenzene	<1.00	<1.00	1	10
Methyl Bromide	<1.00	<1.00	1	50
Methyl Chloride	<1.00	<1.00	1	50
Methylene Chloride	<1.02	<1.02	1	20
1,1,2,2-Tetrachloroethane	<1.00	<1.00	1	10
Tetrachloroethylene	<1.00	<1.00	1	10
Toluene	<1.00	<1.00	1	10
1,1,1-Trichloroethane	<1.00	<1.00	1	10
1,1,2-Trichloroethane	<1.00	<1.00	1	10
Trichloroethylene	<1.00	<1.00	1	10
Vinyl Chloride	<1.00	<1.00	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	<1.02	<1.02	1	10
2,4-Dichlorophenol	<1.02	<1.02	1	10
2,4-Dimethylphenol	<2.45	<2.45	1	10
4,6-Dinitro-o-Cresol	<8.17	<8.17	1	50
2,4-Dinitrophenol	<9.19	<9.19	1	50
2-Nitrophenol	<1.02	<1.02	1	20
4-Nitrophenol	<1.02	<1.02	1	50
P-Chloro-m-Cresol	<2.45	<2.45	1	10
Pentalchlorophenol	<1.02	<1.02	1	5
Phenol	<1.53	<1.53	1	10
2,4,6-Trichlorophenol	<1.02	<1.02	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	<1.02	<1.02	1	10
Acenaphthylene	<1.02	<1.02	1	10
Anthracene	<1.02	<1.02	1	10
Benzidine	<20.4	<20.4	1	50
Benzo(a)Anthracene	<1.02	<1.02	1	5
Benzo(a)Pyrene	<1.02	<1.02	1	5
3,4-Benzofluoranthene	<1.02	<1.02	1	10
Benzo(ghi)Perylene	<1.02	<1.02	1	20
Benzo(k)Fluoranthene	<1.02	<1.02	1	5
Bis(2-Chloroethoxy)Methane	<1.02	<1.02	1	10
Bis(2-Chloroethyl)Ether	<1.02	<1.02	1	10
Bis(2-Chloroisopropyl)Ether	<1.02	<1.02	1	10
Bis(2-Ethylhexyl)Phthalate	<7.66	<7.66	1	10
4-Bromophenyl Phenyl Ether	<1.02	<1.02	1	10
Butyl benzyl Phthalate	1.35	1.35	1	10
2-Chloronaphthalene	<1.02	<1.02	1	10
4-Chlorophenyl phenyl ether	<1.02	<1.02	1	10
Chrysene	<1.02	<1.02	1	5
Dibenzo(a,h)Anthracene	<1.02	<1.02	1	5
1,2-(o)Dichlorobenzene	<1.02	<1.02	1	10
1,3-(m)Dichlorobenzene	<1.02	<1.02	1	10
1,4-(p)Dichlorobenzene	<1.02	<1.02	1	10
3,3-Dichlorobenzidine	<5.00	<5.00	1	5
Diethyl Phthalate	<5.82	<5.82	1	10
Dimethyl Phthalate	<4.90	<4.90	1	10
Di-n-Butyl Phthalate	<7.66	<7.66	1	10
2,4-Dinitrotoluene	<3.58	<3.58	1	10
2,6-Dinitrotoluene	<1.02	<1.02	1	10
Di-n-Octyl Phthalate	<1.02	<1.02	1	10
1,2-Diphenylhydrazine (as Azo-benzene)	<1.02	<1.02	1	20
Fluoranthene	<1.02	<1.02	1	10

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Fluorene	<1.02	<1.02	1	10
Hexachlorobenzene	<1.02	<1.02	1	5
Hexachlorobutadiene	<1.02	<1.02	1	10
Hexachlorocyclo-pentadiene	<9.19	<9.19	1	10
Hexachloroethane	<1.02	<1.02	1	20
Indeno(1,2,3-cd)pyrene	<1.02	<1.02	1	5
Isophorone	<1.02	<1.02	1	10
Naphthalene	<1.02	<1.02	1	10
Nitrobenzene	<1.02	<1.02	1	10
N-Nitrosodimethylamine	<7.15	<7.15	1	50
N-Nitrosodi-n-Propylamine	<1.02	<1.02	1	20
N-Nitrosodiphenylamine	<1.02	<1.02	1	20
Phenanthrene	<1.02	<1.02	1	10
Pyrene	<1.02	<1.02	1	10
1,2,4-Trichlorobenzene	<1.02	<1.02	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	<0.00999	<0.00999	1	0.01
alpha-BHC (Hexachlorocyclohexane)	<0.00999	<0.00999	1	0.05
beta-BHC (Hexachlorocyclohexane)	<0.00999	<0.00999	1	0.05
gamma-BHC (Hexachlorocyclohexane)	<0.00999	<0.00999	1	0.05
delta-BHC (Hexachlorocyclohexane)	<0.00999	<0.00999	1	0.05
Chlordane	<0.00999	<0.00999	1	0.2
4,4-DDT	<0.00999	<0.00999	1	0.02
4,4-DDE	<0.00999	<0.00999	1	0.1
4,4,-DDD	<0.00999	<0.00999	1	0.1
Dieldrin	<0.00999	<0.00999	1	0.02
Endosulfan I (alpha)	<0.00999	<0.00999	1	0.01
Endosulfan II (beta)	<0.00999	<0.00999	1	0.02
Endosulfan Sulfate	<0.00999	<0.00999	1	0.1
Endrin	<0.00999	<0.00999	1	0.02
Endrin Aldehyde	<0.00999	<0.00999	1	0.1
Heptachlor	<0.00999	<0.00999	1	0.01
Heptachlor Epoxide	<0.00999	<0.00999	1	0.01
PCB-1242	<0.200	<0.200	1	0.2
PCB-1254	<0.200	<0.200	1	0.2
PCB-1221	<0.200	<0.200	1	0.2
PCB-1232	<0.200	<0.200	1	0.2
PCB-1248	<0.200	<0.200	1	0.2
PCB-1260	<0.200	<0.200	1	0.2
PCB-1016	<0.202	<0.202	1	0.2
Toxaphene	<0.200	<0.200	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 Equivalency Factors	Wastewater Concentration (ppq)	Wastewater Equivalents (ppq)	Sludge Concentration (ppt)	Sludge Equivalents (ppt)	MAL (ppq)
2,3,7,8 TCDD	1					10
1,2,3,7,8 PeCDD	0.5					50
2,3,7,8 HxCDDs	0.1					50
1,2,3,4,6,7,8 HpCDD	0.01					50
2,3,7,8 TCDF	0.1					10
1,2,3,7,8 PeCDF	0.05					50
2,3,4,7,8 PeCDF	0.5					50
2,3,7,8 HxCDFs	0.1					50
2,3,4,7,8 HpCDFs	0.01					50
OCDD	0.0003					100
OCDF	0.0003					100
PCB 77	0.0001					0.5
PCB 81	0.0003					0.5
PCB 126	0.1					0.5
PCB 169	0.03					0.5
Total						

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 5.0: TOXICITY TESTING REQUIREMENTS

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

This worksheet is not required minor amendments without renewal.

Section 1. Required Tests (Instructions Page 88)

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

7-day Chronic: 21 tests

48-hour Acute: Click to enter text.

Section 2. Toxicity Reduction Evaluations (TREs)

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

☐ Yes ☒ No

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

Click to enter text.

Section 3. Summary of WET Tests

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

Table 5.0(1) Summary of WET Tests

Test Date	Test Species	NOEC Survival	NOEC Sub-lethal

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: None

Average Daily Flows, in MGD: **None**

Significant IUs – non-categorical:

Number of IUs: **None**

Average Daily Flows, in MGD: **None**

Other IUs:

Number of IUs: **None**

Average Daily Flows, in MGD: **None**

B. Treatment plant interference

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

☐ Yes ☒ No

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

Note: The District does not have any industrial discharge into its Sanitary Sewer System. The District's Rate Order (attached) addresses Industrial Waste and prohibit discharges to Sewage Works

C. Treatment plant pass through

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

☐ Yes ☒ No

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

Click to enter text.

D. Pretreatment program

Does your POTW have an approved pretreatment program?

☐ Yes ☒ No

If yes, complete Section 2 only of this Worksheet.

Is your POTW required to develop an approved pretreatment program?

☐ Yes ☒ No

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

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

E. Service Area Map

Attach a map indicating the service area of the POTW. The map should include the applicant's service area boundaries and the location of any known industrial users discharging to the POTW. Please see the instructions for guidance.

Attachment: Exhibit 5 – Vicinity Map

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

A. Substantial modifications

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

☐ Yes ☒ No

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

Click to enter text.

B. Non-substantial modifications

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

☐ Yes ☒ No

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

Click to enter text.

C. Effluent parameters above the MAL

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

Table 6.0(1) – Parameters Above the MAL

Pollutant	Concentration	MAL	Units	Date

D. Industrial user interruptions

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

☐ Yes ☒ No

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

Click to enter text.

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

A. General information

Company Name: N/A

SIC Code: Click to enter text.

Contact name: Click to enter text.

Address: Click to enter text.

City, State, and Zip Code: Click to enter text.

Telephone number: Click to enter text.

Email address: Click to enter text.

B. Process information

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

Click to enter text.

C. Product and service information

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

N/A

D. Flow rate information

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

Process Wastewater:

Discharge, in gallons/day: Click to enter text.

Discharge Type: ☐ Continuous ☐ Batch ☐ Intermittent

Non-Process Wastewater:

Discharge, in gallons/day: Click to enter text.

Discharge Type: ☐ Continuous ☐ Batch ☐ Intermittent

E. Pretreatment standards

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

Category: Subcategories: Click to enter text.

Click or tap here to enter text. Click to enter text.

Category: Click to enter text.

Subcategories: Click to enter text.

Category: Click to enter text.

Subcategories: Click to enter text.

Category: Click to enter text.

Subcategories: Click to enter text.

Category: Click to enter text.

Subcategories: Click to enter text.

F. Industrial user interruptions

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

☐ Yes ☐ No

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

Click to enter text.

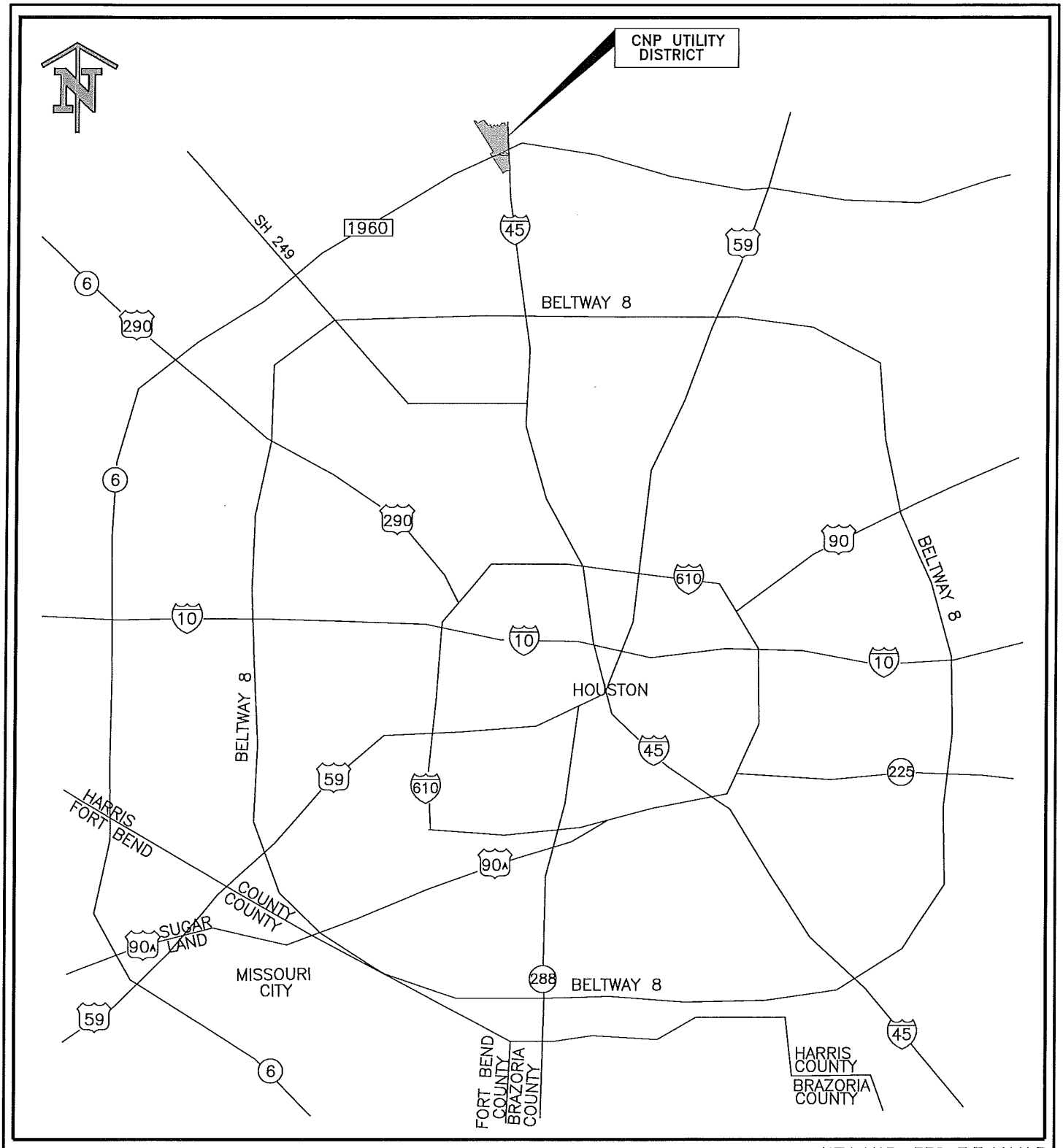
Domestic Wastewater Permit Renewal
CNP Utility District
TPDES Permit No. WQ0011239-001
NPDES Permit No. TX 0055166
A&S Project No. 135008.04

EXHIBIT 1

LOCATION MAP
(Ref. AR 9)

A&S Engineers, Inc.

10377 Stella Link Road, Houston, TX 77025
Ph: 713-942-2700 Fax: 713-942-2799
Texas Engineering Registration No. F-000802



KEY MAP: 332 E,F,J,K,N,P

EXHIBIT 1

HARRIS COUNTY
CNP UTILITY DISTRICT
WASTEWATER TREATMENT PLANT

LOCATION MAP

(Ref. AR 9C)

PERMIT NO. WQ0011239001
NPDES PERMIT NO. TX005516
HARRIS COUNTY
CNP UTILITY DISTRICT
PROJECT NO. 135008.02

A&S Engineers, Inc.
10377 Stella Link Road
Houston, TX 77025
713 / 942 / 2700
Texas Engineering Registration No. F-000802

JUNE 2020

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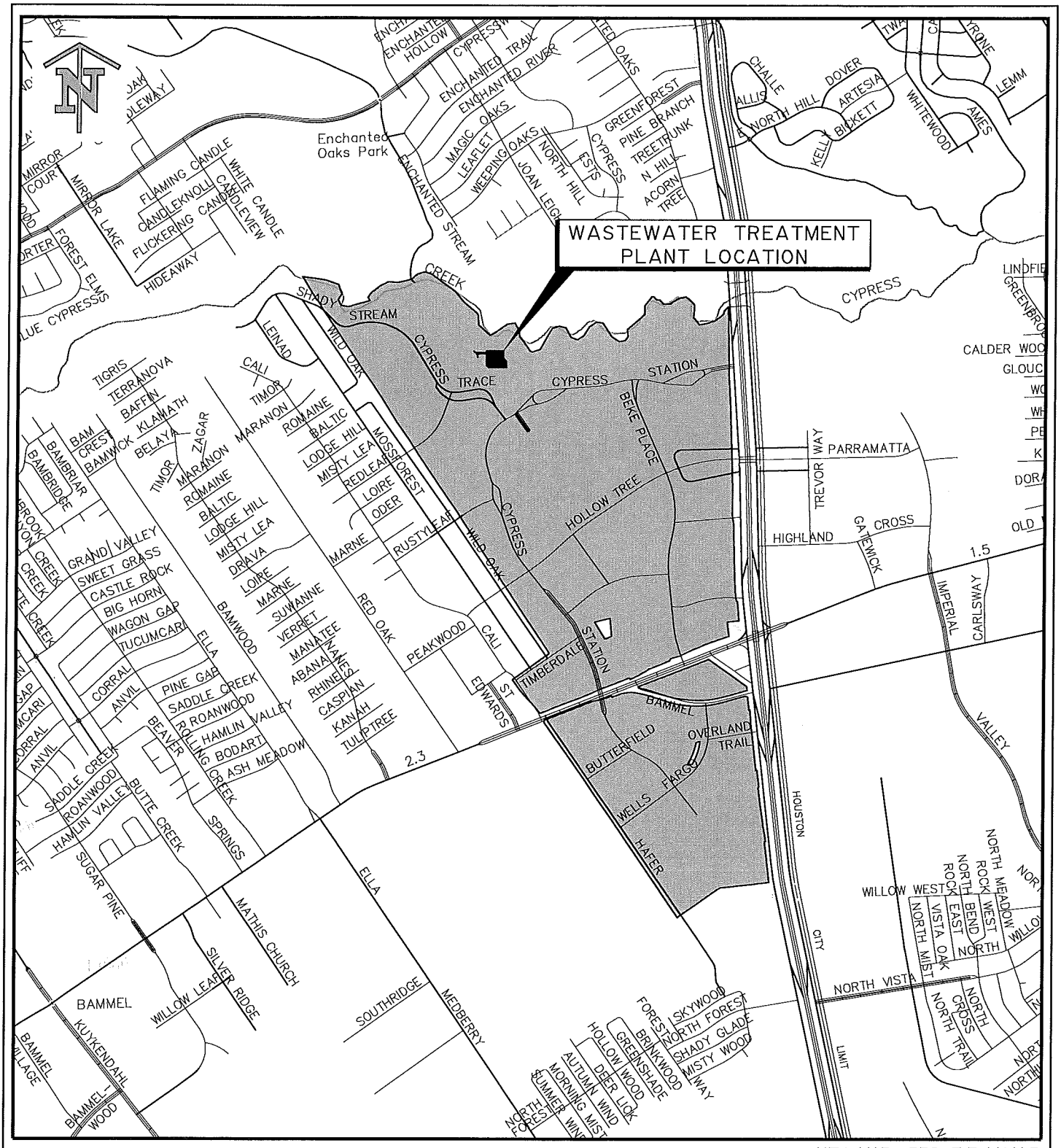
Domestic Wastewater Permit Renewal
CNP Utility District
TPDES Permit No. WQ0011239-001
NPDES Permit No. TX 0055166
A&S Project No. 135008.04

EXHIBIT 2

VICINITY MAP
(Ref. AR 9)

A&S Engineers, Inc.

10377 Stella Link Road, Houston, TX 77025
Ph: 713-942-2700 Fax: 713-942-2799
Texas Engineering Registration No. F-000802



KEY MAP: 332 E,F,J,K,N,P

EXHIBIT 2

HARRIS COUNTY
CNP UTILITY DISTRICT
WASTEWATER TREATMENT PLANT

VICINITY MAP

(Ref. AR 9C)

PERMIT NO. WQ0011239001
NPDES PERMIT NO. TX0055516
HARRIS COUNTY
CNP UTILITY DISTRICT
PROJECT NO. 135008.02

A&S Engineers, Inc.
10377 Stella Link Road
Houston, TX 77025
713 / 942 / 2700
Texas Engineering Registration No. F-000802

JUNE 2020

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Domestic Wastewater Permit Renewal
CNP Utility District
TPDES Permit No. WQ0011239-001
NPDES Permit No. TX 0055166
A&S Project No. 135008.04

EXHIBIT 3

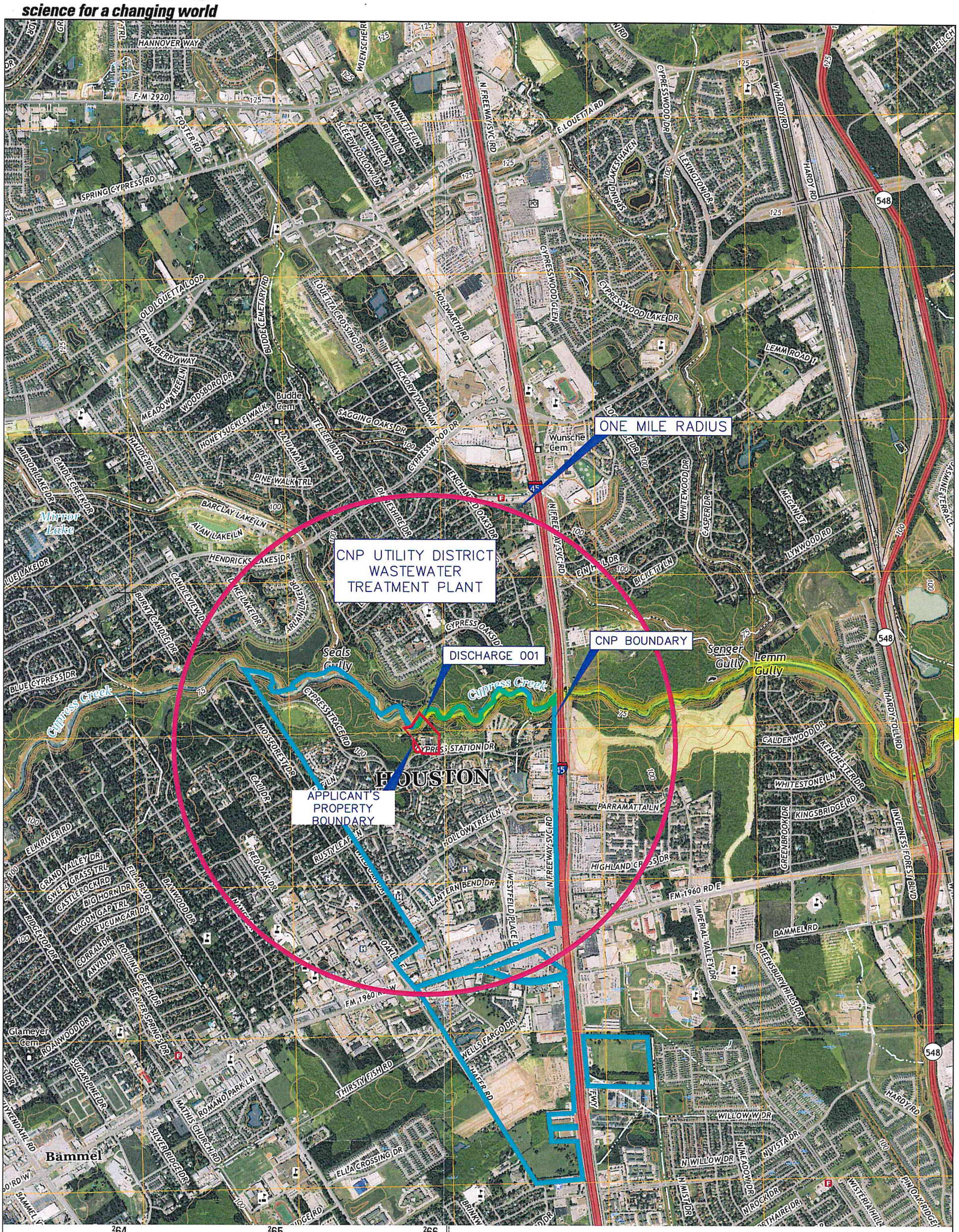
DISCHARGE FLOW DIRECTION USGS MAP
(Ref AR 13)

A&S Engineers, Inc.

10377 Stella Link Road, Houston, TX 77025
Ph: 713-942-2700 Fax: 713-942-2799
Texas Engineering Registration No. F-000802

U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

USGS
science for a changing world



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CONTOUR INTERVAL 5 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988

This map was produced to conform with the
National Geospatial Program US Topo Product Standard, 2011.
A metadata file associated with this product is draft version 0.6.19

PERMIT NO. WQ0011239001
NPDES PERMIT NO. TX0005516
HARRIS COUNTY
CNP UTILITY DISTRICT
PROJECT NO. 135008.08

DISCHARGE FLOW DIRECTION

EXHIBIT 6
(Ref. SPIF 8)
EXHIBIT 3
(Ref. AR 8m)

A&S Engineers, Inc.
10377 Stella Link Road
Houston, TX 77025
713 / 942 / 2700
Texas Engineering Registration No. F-000802

SEPTEMBER 2020

Domestic Wastewater Permit Renewal
CNP Utility District
TPDES Permit No. WQ0011239-001
NPDES Permit No. TX 0055166
A&S Project No. 135008.04

EXHIBIT 4

LOCATION MAP
(Ref. SPIF 8)

A&S Engineers, Inc.

10377 Stella Link Road, Houston, TX 77025
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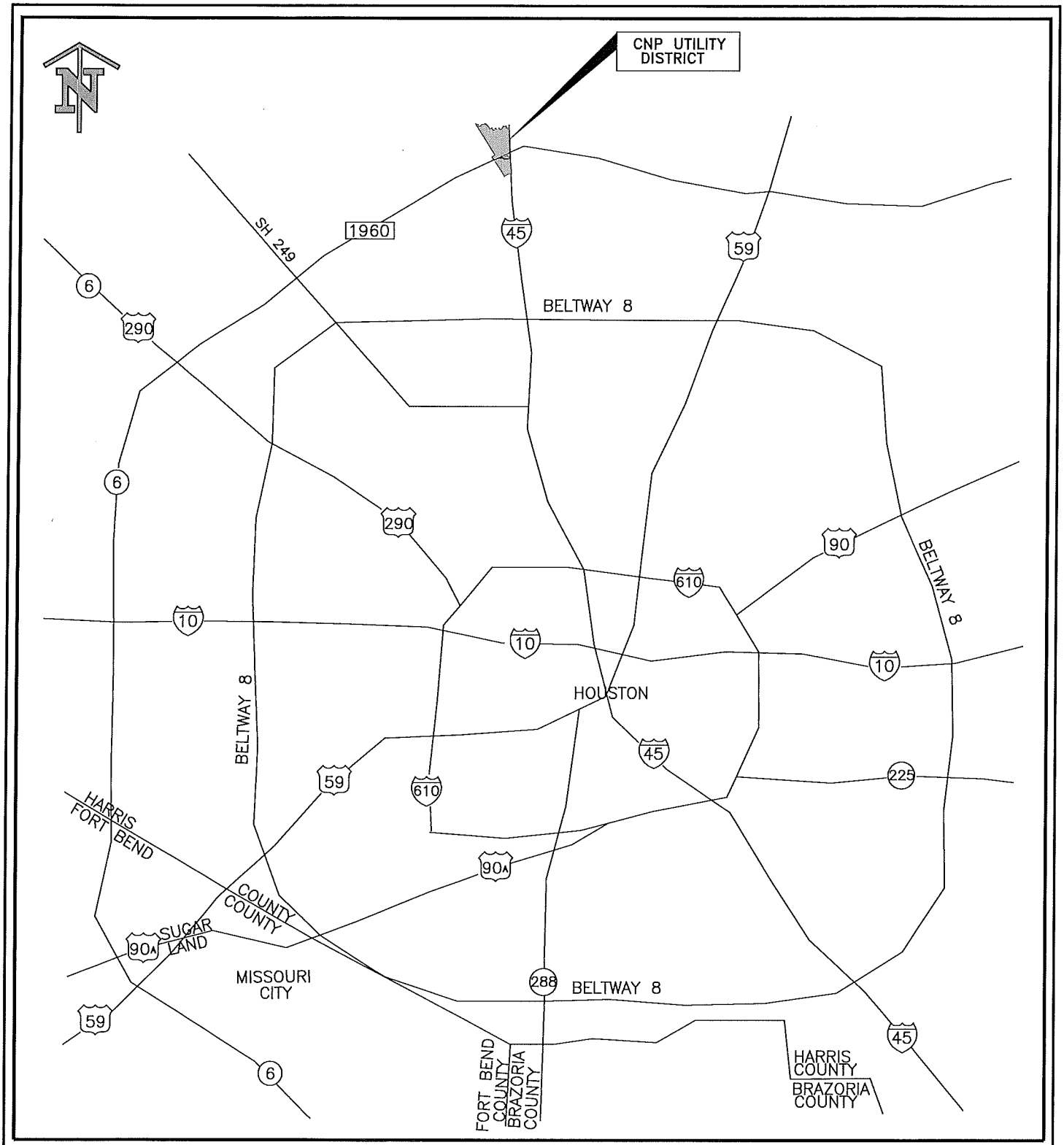
Texas Engineering Registration No. F-000802



KEY MAP: 332 E,F,J,K,N,P

EXHIBIT 4

HARRIS COUNTY
CNP UTILITY DISTRICT
WASTEWATER TREATMENT PLANT

LOCATION MAP

(Ref. SPIF 8)

PERMIT NO. WQ0011239001
NPDES PERMIT NO. TX005516
HARRIS COUNTY
CNP UTILITY DISTRICT
PROJECT NO. 135008.02

A&S Engineers, Inc.
10377 Stella Link Road
Houston, TX 77025
713 / 942 / 2700
Texas Engineering Registration No. F-000802

JUNE 2020

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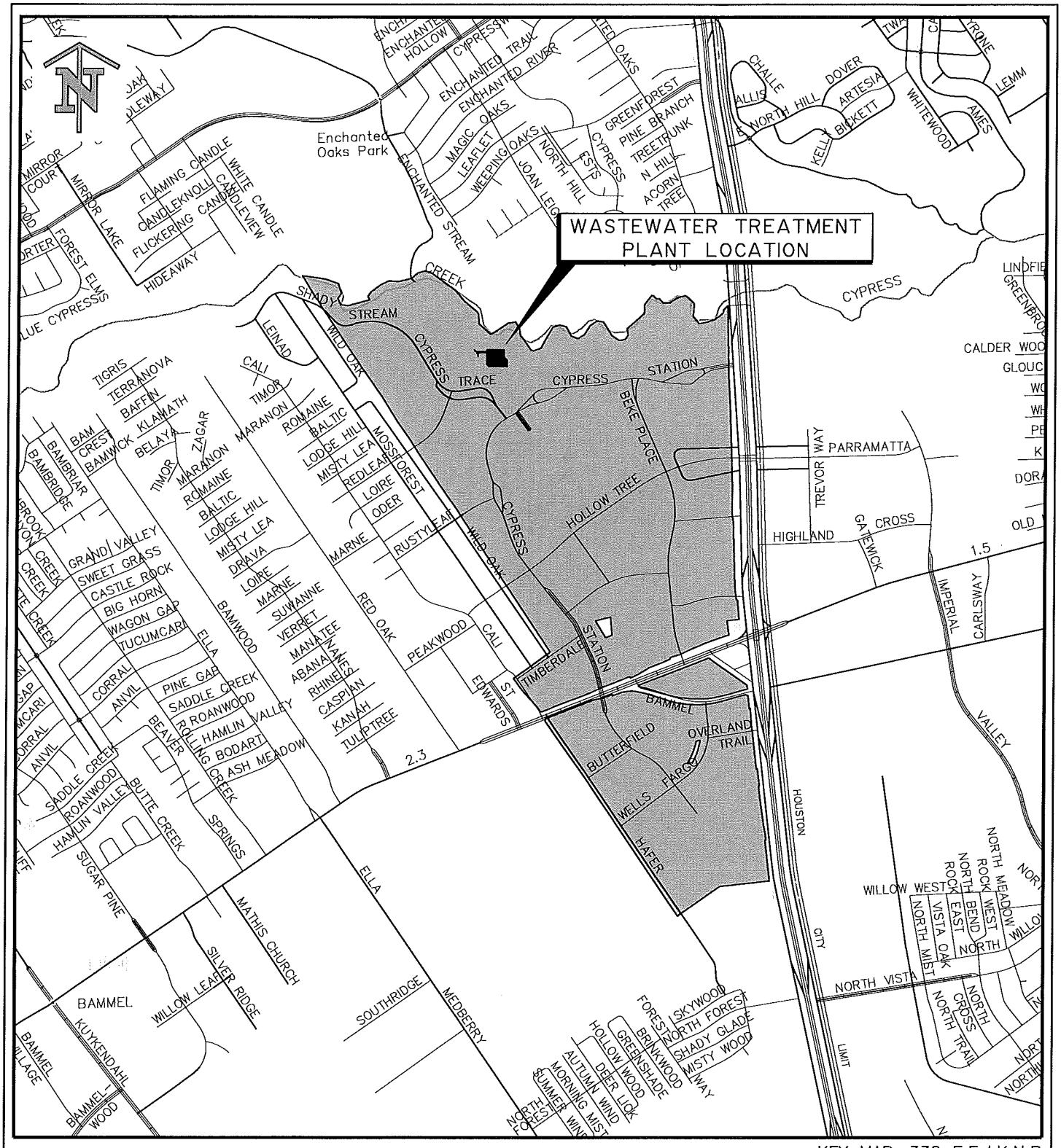
Domestic Wastewater Permit Renewal
CNP Utility District
TPDES Permit No. WQ0011239-001
NPDES Permit No. TX 0055166
A&S Project No. 135008.04

EXHIBIT 5

VICINITY MAP
(Ref. SPIF 8)

A&S Engineers, Inc.

10377 Stella Link Road, Houston, TX 77025
Ph: 713-942-2700 Fax: 713-942-2799
Texas Engineering Registration No. F-000802



KEY MAP: 332 E,F,J,K,N,P

EXHIBIT 5

HARRIS COUNTY
CNP UTILITY DISTRICT
WASTEWATER TREATMENT PLANT

VICINITY MAP

(Ref. SPIF 8)

A&S Engineers, Inc.
10377 Stella Link Road
Houston, TX 77025
713 / 942 / 2700
Texas Engineering Registration No. F-000802

PERMIT NO. WQ0011239001
NPDES PERMIT NO. TX0005516
HARRIS COUNTY
CNP UTILITY DISTRICT
PROJECT NO. 135008.02

JUNE 2020

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Domestic Wastewater Permit Renewal
CNP Utility District
TPDES Permit No. WQ0011239-001
NPDES Permit No. TX 0055166
A&S Project No. 135008.04

EXHIBIT 6

USGS MAP
(Ref. SPIF 8)

A&S Engineers, Inc.

10377 Stella Link Road, Houston, TX 77025
Ph: 713-942-2700 Fax: 713-942-2799
Texas Engineering Registration No. F-000802

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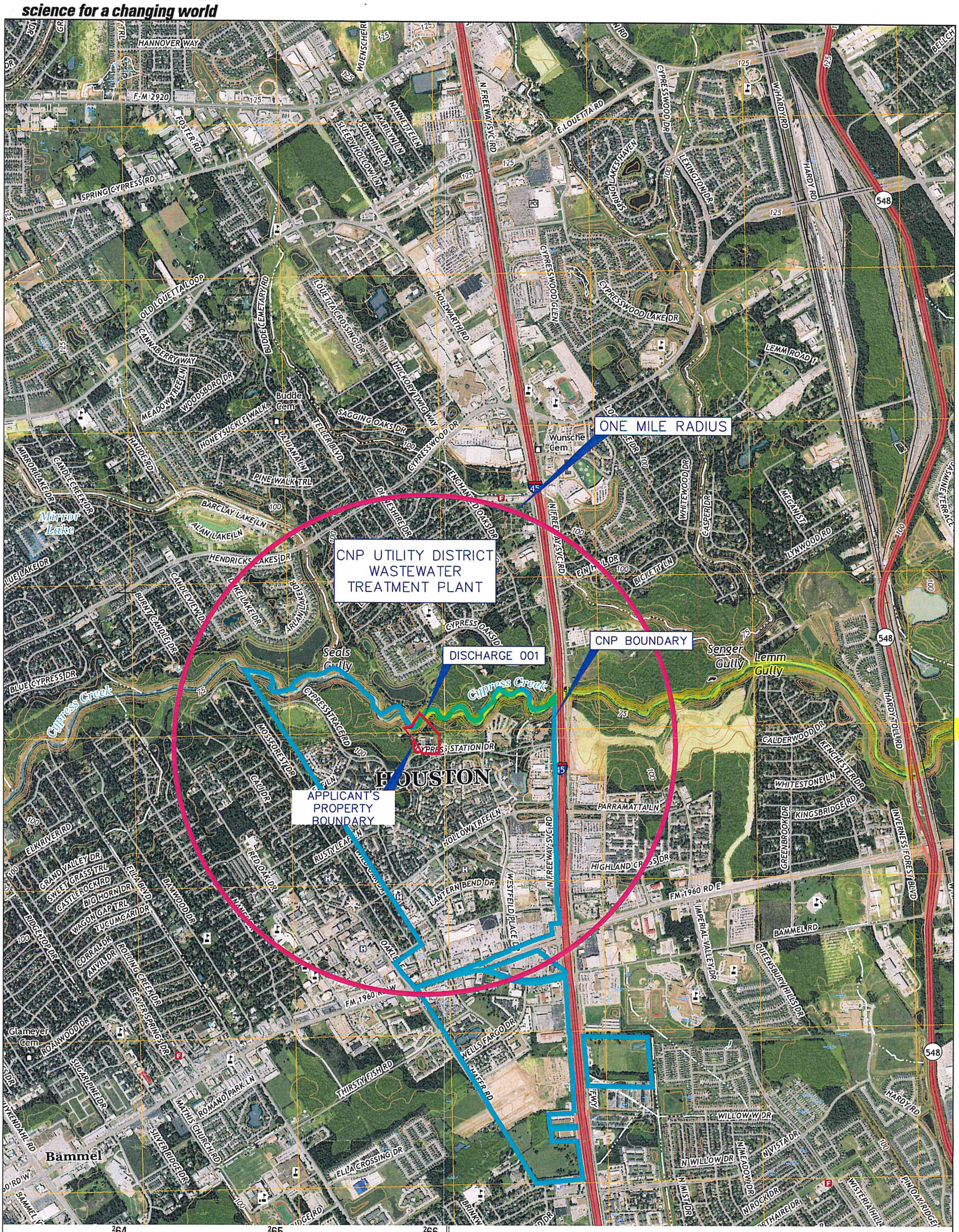
USGS
science for a changing world



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0.5 0 MILES

0 1000 2000 3000 4000 5000 6000 7000 8000 9000 FEET

CONTOUR INTERVAL 5 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988

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PERMIT NO. WQ0011239001
NPDES PERMIT NO. TX0005516
HARRIS COUNTY
CNP UTILITY DISTRICT
PROJECT NO. 135008.08

DISCHARGE FLOW DIRECTION

EXHIBIT 6
(Ref. SPIF 8)
EXHIBIT 3
(Ref. AR 8m)

A&S Engineers, Inc.
10377 Stella Link Road
Houston, TX 77025
713 / 942 / 2700
Texas Engineering Registration No. F-000802

SEPTEMBER 2020

Domestic Wastewater Permit Renewal
CNP Utility District
TPDES Permit No. WQ0011239-001
NPDES Permit No. TX 0055166
A&S Project No. 135008.04

EXHIBIT 7

Wastewater Flow Diagram
(Ref. TR 2a)

A&S Engineers, Inc.

10377 Stella Link Road, Houston, TX 77025
Ph: 713-942-2700 Fax: 713-942-2799
Texas Engineering Registration No. F-000802

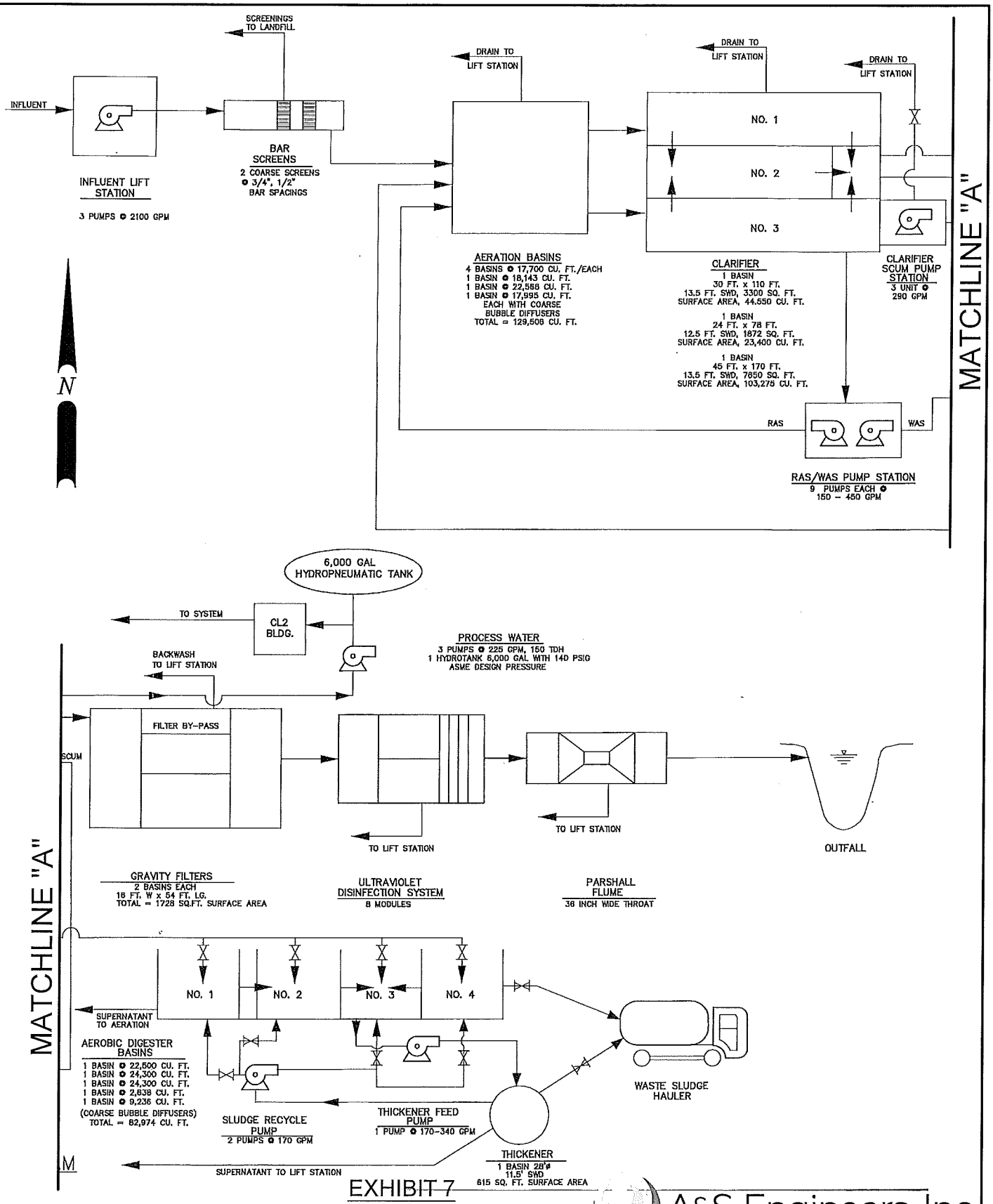

EXHIBIT 7

HARRIS COUNTY
CNP UTILITY DISTRICT
WASTEWATER TREATMENT PLANT

SCHEMATIC FLOW DIAGRAM

(Ref. TR 3C)

PERMIT NO. WQ0011239001
NPDES PERMIT NO. TX005516
HARRIS COUNTY
CNP UTILITY DISTRICT
PROJECT NO. 135008.02

A&S Engineers, Inc.
10377 Stella Link Road
Houston, TX 77025
713 / 942 / 2700
Texas Engineering Registration No. F-000802

JUNE 2017

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Domestic Wastewater Permit Renewal
CNP Utility District
TPDES Permit No. WQ0011239-001
NPDES Permit No. TX 0055166
A&S Project No. 135008.04

EXHIBIT 8

Treatment Units Description
(Ref. TR 2b)

10377 Stella Link Road, Houston, TX 77025
Ph: 713-942-2700 Fax: 713-942-2799
Texas Engineering Registration No. F-000802

Domestic Wastewater Permit Renewal
CNP Utility District
TPDES Permit No. WQ0011239-001
NPDES Permit No. TX 0055166
A&S Project No. 135008.04

TREATMENT UNITS

Unit	Dimensions L x W x H, ft			Capacity, cu.ft.
Aeration Basins				
Channel Basin 1	129	10	14.75	19,028
Channel Basin 2	123	10	15	18,450
Channel Basin 3	114	10	13.75	15,675
Basin No. 1	40	30	14.75	17,700
Basin No. 2	40	30	14.75	17,700
Basin No. 3	40	30	14.75	17,700
Basin No. 4	40	30	14.75	17,700
Clarifiers				
Clarifier No. 1	110	30	13.75	45,375
Clarifier No. 2	78	24	12.5	23,400
Clarifier No. 3	170	45	13.5	103,275
Gravity Filter				
Filter No. 1	54	16	6.33	5,469
Filter No. 2	54	16	6.33	5,469
UV Disinfection				
Channel No. 1	23	24.5	5.75	3,240
Channel No. 2	23	24.5	5.75	3,240
Digesters				
Digester No. 1	40	30	15	18,000
Digester No. 2	45	36	15	24,300

10377 Stella Link Road, Houston, TX 77025
Ph: 713-942-2700 Fax: 713-942-2799
Texas Engineering Registration No. F-000802

Domestic Wastewater Permit Renewal
CNP Utility District
TPDES Permit No. WQ0011239-001
NPDES Permit No. TX 0055166
A&S Project No. 135008.04

EXHIBIT 9

POLLUTANT ANALYSIS RESULT
(Ref. TR 7)

10377 Stella Link Road, Houston, TX 77025
Ph: 713-942-2700 Fax: 713-942-2799
Texas Engineering Registration No. F-000802

EASTEX
ENVIRONMENTAL LABS INC.

NELAP ACCREDITED TNI LABORATORY

14 March 2024

Municipal District Services, LLC.
CNP Utility District
406 W Grand Pkwy S, Ste 260
Katy, TX 77494

RE: CNP Long Permit Renewal

Enclosed are the results of analyses for samples received by the laboratory on 02/15/24 12:28, with Lab ID Number C4B4384. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Mark Bourgeois
Special Projects Manager

EASTEX
ENVIRONMENTAL LABS INC.

P.O. Box 1089 Coldspring Tx 77331
Website: eastexlabs.com
Email: eastexlab@eastex.net
Tel: 936 653 3249

NELAP ACCREDITED TNI LABORATORY

CNP Utility District
406 W Grand Pkwy S, Ste 260
Katy TX, 77494

LABORATORY ANALYTICAL REPORT

Project: CNP Long Permit Renewal
Sample Matrix: Water
Client Matrix: Water

Sample Date and Time: 02/15/2024 00:00
Collector:
Sample Type:Composite
Print Date: 3/14/2024

Effluent PR Long

C4B4384-01 (Water)

Analyte	Result	Reporting Limit	Units	Nelac Status	Batch	Analyzed Date & Time	Method	Notes
Eastex Environmental Laboratory - Coldspring								
Aluminum - Total	9.14	2.50	ug/L	A	B4B3080	02/20/2024 12:34	EPA 200.8	
Antimony - Total	<2.00	2.00	ug/L	A	B4B3080	02/20/2024 12:34	EPA 200.8	
Arsenic, Total	1.63	0.500	ug/L	A	B4B3080	02/20/2024 12:34	EPA 200.8	
Barium, Total	97.2	1.00	ug/L	A	B4B3080	02/20/2024 12:34	EPA 200.8	
Beryllium, Total	<0.500	0.500	ug/L	A	B4B3080	02/20/2024 12:34	EPA 200.8	
Cadmium, Total	<1.00	1.00	ug/L	A	B4B3080	02/20/2024 12:34	EPA 200.8	
Chromium, (VI)	<3	3	ug/L	A	B4B3804	02/22/2024 14:15	SM 3500 Cr B	
Chromium, Total	<1.00	1.00	ug/L	A	B4B3080	02/20/2024 12:34	EPA 200.8	
Chromium, Trivalent	<3	3	ug/L	N	B4B3805	02/22/2024 14:55	-	
Copper, Total	3.14	1.00	ug/L	A	B4B3080	02/20/2024 12:34	EPA 200.8	
Fluoride	133	100	ug/L	A	B4B2898	02/16/2024 18:15	EPA 300.0	
Lead, Total	<0.500	0.500	ug/L	A	B4B3080	02/20/2024 12:34	EPA 200.8	
Nickel, Total	<2.00	2.00	ug/L	A	B4B3080	02/20/2024 12:34	EPA 200.8	
Nitrate as N	14600	50.0	ug/L	A	B4B2898	02/16/2024 18:15	EPA 300.0	
Selenium, Total	<2.00	2.00	ug/L	A	B4B3080	02/20/2024 12:34	EPA 200.8	
Silver, Total	<0.500	0.500	ug/L	A	B4B3080	02/20/2024 12:34	EPA 200.8	
Thallium, Total	<0.500	0.500	ug/L	A	B4B3080	02/20/2024 12:34	EPA 200.8	
Zinc, Total	21.5	5.00	ug/L	A	B4B3080	02/20/2024 12:34	EPA 200.8	

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NELAP ACCREDITED TNI LABORATORY

CNP Utility District
406 W Grand Pkwy S, Ste 260
Katy TX, 77494

Project: CNP Long Permit Renewal
Sample Matrix: Water
Client Matrix: Water

Sample Date and Time: 02/15/2024 11:12
Collector: CNG
Sample Type:Grab
Print Date: 3/14/2024

Effluent PR Long Grab

C4B4384-02 (Water)

Analyte	Result	Reporting Limit	Units	Nelac Status	Batch	Analyzed Date & Time	Method	Notes
Eastex Environmental Laboratory - Coldspring								
Chlorine	<0.1	0.1	mg/L	N	B4B2770	02/15/2024 08:52	SM 4500 Cl F	
DO	7.5		mg/L	N	B4B2770	02/15/2024 08:52	SM 4500 O G	
pH	7.5		std unit	N	B4B2770	02/15/2024 08:52	SM 4500 H + B	
Alkalinity	90.0	20.0	mg CaCO3/L	A	B4B2903	02/19/2024 15:03	SM 2320 B	
Ammonia as N	<0.1	0.1	mg/L	A	B4B2989	02/21/2024 15:29	SM 4500 NH3 G	
CBOD 5	2.5	2.0	mg/L	A	B4B2860	02/16/2024 07:30	SM 5210 B	1
Chloride	87.2	5.0	mg/L	A	B4B2875	02/16/2024 10:30	EPA 300.0	
Conductivity	651	10	µmhos/cm @25C	A	B4B3107	02/20/2024 10:40	SM 2510 B	
E coli IDEXX	<2	2	mpn/100ml	A	B4B2874	02/15/2024 14:48	Colilert 18	
Nitrate as N	16.1	0.05	mg/L	A	B4B2875	02/16/2024 10:30	EPA 300.0	
Oil Grease, HEM	<5.1	5.1	mg/L	A	B4B3185	02/20/2024 11:20	EPA 1664A	
Phenol, low level	<10.0	10.0	ppb	A	B4B3162	02/22/2024 07:00	EPA 420.1	
Sulfate	25.1	4.0	mg/L	A	B4B2875	02/16/2024 10:30	EPA 300.0	
TDS	608	10.0	mg/L	A	B4B3106	02/19/2024 18:17	SM 2540 C	
TKN	<1.0	1.0	mg/L	A	B4B3140	03/07/2024 10:35	EPA 351.2	
Total Phosphorus	3.74	0.0600	mg/L	A	B4B3612	02/23/2024 13:00	EPA 200.7	
TSS	<1.0	1.0	mg/L	A	B4B2795	02/16/2024 10:18	SM 2540 D	

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NELAP ACCREDITED TNI LABORATORY

CNP Utility District
406 W Grand Pkwy S, Ste 260
Katy TX, 77494

SM 2540 D - Quality Control

Eastex Environmental Laboratory - Coldspring

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4B2795 - No Prep										
Blank (B4B2795-BLK1)				**Prepared & Analyzed:** 2/16/2024 10:18:00AM						
TSS	ND	1.0	mg/L							
Duplicate (B4B2795-DUP1)		**Source: C4B4162-01**		**Prepared & Analyzed:** 2/16/2024 10:18:00AM						
TSS	377	1.0	mg/L		377			0.00	10	
Batch B4B2860 - No Prep										
Blank (B4B2860-BLK1)				**Prepared & Analyzed:** 2/16/2024 7:30:00AM						
CBOD 5	1.59	2.0	mg/L							1
LCS (B4B2860-BS1)				**Prepared & Analyzed:** 2/16/2024 7:30:00AM						
CBOD 5	217		mg/L	198		109	84.59-115.4			1
Duplicate (B4B2860-DUP1)		**Source: C4B4270-01**		**Prepared & Analyzed:** 2/16/2024 7:30:00AM						
CBOD 5	5.75	2.0	mg/L		5.80			0.866	30	1
Batch B4B2874 - No Prep Micro										
Blank (B4B2874-BLK1)				**Prepared & Analyzed:** 2/15/2024 2:48:00PM						
E coli IDEXX	ND	1	mpn/100ml							
Duplicate (B4B2874-DUP1)		**Source: C4B4077-01**		**Prepared & Analyzed:** 2/15/2024 2:48:00PM						
E coli IDEXX	ND	2	mpn/100ml		ND				200	
Batch B4B2875 - No Prep										
Blank (B4B2875-BLK1)				**Prepared & Analyzed:** 2/16/2024 10:30:00AM						
Chloride	ND	5.0	mg/L							
Nitrate as N	ND	0.05	mg/L							
Sulfate	ND	4.0	mg/L							
LCS (B4B2875-BS1)				**Prepared & Analyzed:** 2/16/2024 10:30:00AM						
Chloride	24.3		mg/L	25.0		97.3	90-110			
Nitrate as N	1.4352		mg/L	1.50		95.7	90-110			
Sulfate	19.6		mg/L	20.0		98.1	90-110			
Matrix Spike (B4B2875-MS1)		**Source: C4B3982-01**		**Prepared & Analyzed:** 2/16/2024 10:30:00AM						
Chloride	209	5.0	mg/L	125	85.1	98.8	80-120			
Nitrate as N	12.0956	0.05	mg/L	7.50	4.5318	101	80-120			
Sulfate	181	4.0	mg/L	100	85.8	95.1	80-120			
Matrix Spike Dup (B4B2875-MSD1)		**Source: C4B3982-01**		**Prepared & Analyzed:** 2/16/2024 10:30:00AM						

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NELAP ACCREDITED TNI LABORATORY

CNP Utility District
406 W Grand Pkwy S, Ste 260
Katy TX, 77494

EPA 300.0 - Quality Control

Eastex Environmental Laboratory - Coldspring

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4B2875 - No Prep										
Matrix Spike Dup (B4B2875-MSD1)	**Source: C4B3982-01**			**Prepared & Analyzed:** 2/16/2024 10:30:00AM						
Chloride	210	5.0	mg/L	125	85.1	99.8	80-120	0.584	20	
Nitrate as N	12.1734	0.05	mg/L	7.50	4.5318	102	80-120	0.641	20	
Sulfate	182	4.0	mg/L	100	85.8	96.5	80-120	0.733	20	
Batch B4B2898 - No Prep										
Blank (B4B2898-BLK1)				**Prepared & Analyzed:** 2/16/2024 6:15:00PM						
Fluoride	ND	100	ug/L							
Nitrate as N	ND	50.0	ug/L							
LCS (B4B2898-BS1)				**Prepared & Analyzed:** 2/16/2024 6:15:00PM						
Fluoride	0.521		mg/L	0.500		104	90-110			
Nitrate as N	1.4971		mg/L	1.50		99.8	90-110			
Matrix Spike (B4B2898-MS1)	**Source: C4B4384-01**			**Prepared & Analyzed:** 2/16/2024 6:15:00PM						
Fluoride	2850	100	ug/L	2500	133	109	80-120			
Nitrate as N	21852.3	50.0	ug/L	7500	14596.1	96.7	80-120			
Matrix Spike Dup (B4B2898-MSD1)	**Source: C4B4384-01**			**Prepared & Analyzed:** 2/16/2024 6:15:00PM						
Fluoride	2890	100	ug/L	2500	133	110	80-120	1.51	20	
Nitrate as N	22228.2	50.0	ug/L	7500	14596.1	102	80-120	1.71	20	
Batch B4B2903 - No Prep										
Blank (B4B2903-BLK1)				**Prepared & Analyzed:** 2/19/2024 3:03:00PM						
Alkalinity	ND	20.0	mg CaCO3/L							
LCS (B4B2903-BS1)				**Prepared & Analyzed:** 2/19/2024 3:03:00PM						
Alkalinity	52.0		mg CaCO3/L	50.0		104	80-120			
Duplicate (B4B2903-DUP1)	**Source: C4B4238-01**			**Prepared & Analyzed:** 2/19/2024 3:03:00PM						
Alkalinity	528	20.0	mg CaCO3/L		528			0.00	20	
Batch B4B2989 - No Prep										
Blank (B4B2989-BLK1)				**Prepared & Analyzed:** 2/21/2024 3:18:00PM						
Ammonia as N	ND	0.1	mg/L							
LCS (B4B2989-BS1)				**Prepared & Analyzed:** 2/21/2024 3:19:00PM						
Ammonia as N	2.20		mg/L	2.00		110	90-110			
Matrix Spike (B4B2989-MS1)	**Source: C4B4251-01**			**Prepared & Analyzed:** 2/21/2024 3:20:00PM						
Ammonia as N	2.7	0.1	mg/L	2.50	0.07	105	80-120			

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CNP Utility District
406 W Grand Pkwy S, Ste 260
Katy TX, 77494

SM 4500 NH3 G - Quality Control

Eastex Environmental Laboratory - Coldspring

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4B2989 - No Prep										
Matrix Spike (B4B2989-MS1)	**Source: C4B4251-01**			**Prepared & Analyzed:** 2/21/2024 3:20:00PM						
Matrix Spike Dup (B4B2989-MSD1)	**Source: C4B4251-01**			**Prepared & Analyzed:** 2/21/2024 3:21:00PM						
Ammonia as N	2.8	0.1	mg/L	2.50	0.07	109	80-120	3.06	20	
Batch B4B3080 - EPA 200.8										
Blank (B4B3080-BLK1)				**Prepared & Analyzed:** 2/20/2024 11:24:00AM						
Aluminum - Total	ND	2.50	ug/L							
Antimony - Total	ND	5.00	ug/L							
Arsenic, Total	ND	0.500	ug/L							
Barium, Total	ND	3.00	ug/L							
Beryllium, Total	ND	0.500	ug/L							
Cadmium, Total	ND	1.00	ug/L							
Chromium, Total	ND	3.00	ug/L							
Copper, Total	ND	2.00	ug/L							
Lead, Total	ND	0.500	ug/L							
Nickel, Total	ND	2.00	ug/L							
Selenium, Total	ND	5.00	ug/L							
Silver, Total	ND	0.500	ug/L							
Thallium, Total	ND	0.500	ug/L							
Zinc, Total	ND	5.00	ug/L							
LCS (B4B3080-BS1)				**Prepared & Analyzed:** 2/20/2024 11:27:00AM						
Aluminum - Total	99.6	2.50	ug/L	100		99.6	85-115			
Antimony - Total	96.9	5.00	ug/L	100		96.9	85-115			
Arsenic, Total	99.5	0.500	ug/L	100		99.5	85-115			
Barium, Total	99.0	3.00	ug/L	100		99.0	85-115			
Beryllium, Total	103	0.500	ug/L	100		103	85-115			
Cadmium, Total	101	1.00	ug/L	100		101	85-115			
Chromium, Total	100	3.00	ug/L	100		100	85-115			
Copper, Total	102	2.00	ug/L	100		102	85-115			
Lead, Total	100	0.500	ug/L	100		100	85-115			
Nickel, Total	102	2.00	ug/L	100		102	85-115			
Selenium, Total	106	5.00	ug/L	100		106	85-115			
Silver, Total	101	0.500	ug/L	100		101	85-115			
Thallium, Total	102	0.500	ug/L	100		102	85-115			
Zinc, Total	101	5.00	ug/L	100		101	85-115			
Matrix Spike (B4B3080-MS1)	**Source: C4B3586-01**			**Prepared & Analyzed:** 2/20/2024 11:37:00AM						
Aluminum - Total	116	2.50	ug/L	100	10.0	106	70-130			

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CNP Utility District
406 W Grand Pkwy S, Ste 260
Katy TX, 77494

EPA 200.8 - Quality Control

Eastex Environmental Laboratory - Coldspring

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4B3080 - EPA 200.8										
Matrix Spike (B4B3080-MS1)	**Source: C4B3586-01**			**Prepared & Analyzed:** 2/20/2024 11:37:00AM						
Antimony - Total	94.9	5.00	ug/L	100	0.789	94.1	70-130			
Arsenic, Total	102	0.500	ug/L	100	2.46	99.4	70-130			
Barium, Total	144	3.00	ug/L	100	50.3	93.6	70-130			
Beryllium, Total	91.3	0.500	ug/L	100	ND	91.3	70-130			
Cadmium, Total	93.4	1.00	ug/L	100	ND	93.4	70-130			
Chromium, Total	97.0	3.00	ug/L	100	0.367	96.6	70-130			
Copper, Total	97.7	2.00	ug/L	100	3.40	94.3	70-130			
Lead, Total	97.0	0.500	ug/L	100	0.858	96.2	70-130			
Nickel, Total	94.9	2.00	ug/L	100	1.86	93.0	70-130			
Selenium, Total	101	5.00	ug/L	100	ND	101	70-130			
Silver, Total	90.3	0.500	ug/L	100	ND	90.3	70-130			
Thallium, Total	98.4	0.500	ug/L	100	0.0410	98.4	70-130			
Zinc, Total	138	5.00	ug/L	100	45.6	92.7	70-130			
Matrix Spike Dup (B4B3080-MSD1)	**Source: C4B3586-01**			**Prepared & Analyzed:** 2/20/2024 11:40:00AM						
Aluminum - Total	115	2.50	ug/L	100	10.0	105	70-130	0.869	20	
Antimony - Total	97.1	5.00	ug/L	100	0.789	96.3	70-130	2.29	20	
Arsenic, Total	102	0.500	ug/L	100	2.46	100	70-130	0.627	20	
Barium, Total	150	3.00	ug/L	100	50.3	99.9	70-130	4.25	20	
Beryllium, Total	95.2	0.500	ug/L	100	ND	95.2	70-130	4.23	20	
Cadmium, Total	95.6	1.00	ug/L	100	ND	95.6	70-130	2.38	20	
Chromium, Total	97.6	3.00	ug/L	100	0.367	97.2	70-130	0.565	20	
Copper, Total	98.1	2.00	ug/L	100	3.40	94.7	70-130	0.426	20	
Lead, Total	98.9	0.500	ug/L	100	0.858	98.0	70-130	1.88	20	
Nickel, Total	96.2	2.00	ug/L	100	1.86	94.3	70-130	1.39	20	
Selenium, Total	102	5.00	ug/L	100	ND	102	70-130	1.33	20	
Silver, Total	92.4	0.500	ug/L	100	ND	92.4	70-130	2.31	20	
Thallium, Total	101	0.500	ug/L	100	0.0410	101	70-130	2.36	20	
Zinc, Total	139	5.00	ug/L	100	45.6	93.1	70-130	0.300	20	
Batch B4B3106 - No Prep										
Blank (B4B3106-BLK1)				**Prepared & Analyzed:** 2/19/2024 6:17:00PM						
TDS	ND	10.0	mg/L							
LCS (B4B3106-BS1)				**Prepared & Analyzed:** 2/19/2024 6:17:00PM						
TDS	296		mg/L	300		98.7	90-110			
Duplicate (B4B3106-DUP1)	**Source: C4B4311-09**			**Prepared & Analyzed:** 2/19/2024 6:17:00PM						
TDS	712	10.0	mg/L		700			1.70	10	

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CNP Utility District
406 W Grand Pkwy S, Ste 260
Katy TX, 77494

SM 2510 B - Quality Control

Eastex Environmental Laboratory - Coldspring

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4B3107 - No Prep										
Blank (B4B3107-BLK1)				**Prepared & Analyzed:** 2/20/2024 10:40:00AM						
Conductivity	ND	10	µmhos/cm @25C							
LCS (B4B3107-BS1)				**Prepared & Analyzed:** 2/20/2024 10:40:00AM						
Conductivity	1000		µmhos/cm @25C	1000		100	80-120			
Duplicate (B4B3107-DUP1)	**Source: C4B3982-01**			**Prepared & Analyzed:** 2/20/2024 10:40:00AM						
Conductivity	945	10	µmhos/cm @25C		946			0.106	20	
Batch B4B3140 - SM 4500 Norg C										
Blank (B4B3140-BLK1)				**Prepared & Analyzed:** 3/7/2024 10:35:00AM						
TKN	ND	1.0	mg/L							
LCS (B4B3140-BS1)				**Prepared & Analyzed:** 3/7/2024 10:35:00AM						
TKN	9.67		mg/L	10.0		96.7	90-110			
Matrix Spike (B4B3140-MS1)	**Source: C4B4686-01**			**Prepared & Analyzed:** 3/7/2024 10:35:00AM						
TKN	10.3	1.0	mg/L	10.0	1.20	90.7	80-120			
Matrix Spike Dup (B4B3140-MSD1)	**Source: C4B4686-01**			**Prepared & Analyzed:** 3/7/2024 10:35:00AM						
TKN	9.77	1.0	mg/L	10.0	1.20	85.7	80-120	4.99	20	
Batch B4B3162 - No Prep										
Blank (B4B3162-BLK1)				**Prepared & Analyzed:** 2/22/2024 7:00:00AM						
Phenol, low level	ND	10.0	ppb							
LCS (B4B3162-BS1)				**Prepared & Analyzed:** 2/22/2024 7:00:00AM						
Phenol, low level	46.7		ppb	50.0		93.4	80-120			
LCS Dup (B4B3162-BSD1)				**Prepared & Analyzed:** 2/22/2024 7:00:00AM						
Phenol, low level	46.3		ppb	50.0		92.6	80-120	0.860	20	
Matrix Spike (B4B3162-MS1)	**Source: C4B6175-01**			**Prepared & Analyzed:** 2/22/2024 7:00:00AM						
Phenol, low level	54.3	10.0	ppb	50.0	14.4	79.8	80-120			23
Matrix Spike Dup (B4B3162-MSD1)	**Source: C4B6175-01**			**Prepared & Analyzed:** 2/22/2024 7:00:00AM						
Phenol, low level	53.4	10.0	ppb	50.0	14.4	78.0	80-120	1.67	20	
Batch B4B3185 - No Prep										

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CNP Utility District
406 W Grand Pkwy S, Ste 260
Katy TX, 77494

EPA 1664A - Quality Control

Eastex Environmental Laboratory - Coldspring

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4B3185 - No Prep										
Blank (B4B3185-BLK1)				**Prepared & Analyzed:** 2/20/2024 11:20:00AM						
Oil Grease, HEM	ND	5.0	mg/L							
LCS (B4B3185-BS1)				**Prepared & Analyzed:** 2/20/2024 11:20:00AM						
Oil Grease, HEM	40.3	5.0	mg/L	40.0		101	78-114			
Matrix Spike (B4B3185-MS1)		**Source: C4B4124-02**		**Prepared & Analyzed:** 2/20/2024 11:20:00AM						
Oil Grease, HEM	40.9	5.1	mg/L	40.0	ND	102	78-114			
Matrix Spike Dup (B4B3185-MSD1)		**Source: C4B4124-02**		**Prepared & Analyzed:** 2/20/2024 11:20:00AM						
Oil Grease, HEM	40.8	5.1	mg/L	40.0	ND	102	78-114	0.250	18	
Batch B4B3612 - EPA 200.7										
Blank (B4B3612-BLK1)				**Prepared & Analyzed:** 2/23/2024 12:28:04PM						
Total Phosphorus	ND	0.0600	mg/L							
LCS (B4B3612-BS1)				**Prepared & Analyzed:** 2/23/2024 12:29:40PM						
Total Phosphorus	2.60	0.0600	mg/L	2.52		103	85-115			
Matrix Spike (B4B3612-MS1)		**Source: C4B3803-01**		**Prepared & Analyzed:** 2/23/2024 12:34:28PM						
Total Phosphorus	3.20	0.0600	mg/L	2.52	0.465	109	70-130			
Matrix Spike Dup (B4B3612-MSD1)		**Source: C4B3803-01**		**Prepared & Analyzed:** 2/23/2024 12:36:04PM						
Total Phosphorus	2.96	0.0600	mg/L	2.52	0.465	99.2	70-130	7.71	20	
Batch B4B3804 - No Prep										
Blank (B4B3804-BLK1)				**Prepared & Analyzed:** 2/22/2024 2:15:00PM						
Chromium, (VI)	ND	3	ug/L							
LCS (B4B3804-BS1)				**Prepared & Analyzed:** 2/22/2024 2:15:00PM						
Chromium, (VI)	19.876		ug/L	20.0		99.4	95-105			
Matrix Spike (B4B3804-MS1)		**Source: C4B2633-01**		**Prepared & Analyzed:** 2/22/2024 2:15:00PM						
Chromium, (VI)	37.396	3	ug/L	44.6	ND	83.8	80-120			
Matrix Spike Dup (B4B3804-MSD1)		**Source: C4B2633-01**		**Prepared & Analyzed:** 2/22/2024 2:15:00PM						
Chromium, (VI)	36.145	3	ug/L	44.6	ND	81.0	80-120	3.40	20	

*NELAC Status: A=Accredited, N=Accreditation not offered, O=Not Accredited, P=Approved

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ENVIRONMENTAL LABS INC.

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Tel: 936 653 3249

NELAP ACCREDITED TNI LABORATORY

CNP Utility District
406 W Grand Pkwy S, Ste 260
Katy TX, 77494

Notes and Definitions

23	Spike recovery outside of acceptance limits due to matrix interference.
1	Dilution water blank > 0.20 mg/L DO uptake.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

*NELAC Status: A=Accredited, N=Accreditation not offered, O=Not Accredited, P=Approved

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021624A

This report consists of this Table of Contents and the following pages:

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SAMPLE CROSS REFERENCE

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021624A

Eastex Environmental Lab
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Coldspring, TX 77331

Sample	Sample ID	Taken	Time	Received
2274222	*C4B4384-01*	02/15/2024	09:40:00	02/20/2024

Bottle 01 Client Supplied Amber Glass
Bottle 02 Client Supplied Amber Glass
Bottle 03 Client Supplied Amber Glass
Bottle 04 Client Supplied Amber Glass
Bottle 05 Client Supplied Amber Glass
Bottle 06 Client Supplied Amber Glass
Bottle 07 Client Supplied Amber Glass
Bottle 08 Client Supplied Amber Glass
Bottle 09 Client Supplied Amber Glass
Bottle 10 Client Supplied Amber Glass
Bottle 11 Client supplied H2SO4 Amber Glass
Bottle 12 Client supplied HCl glass
Bottle 13 Prepared Bottle: 2 mL Autosampler Vial (Batch 1105392) Volume: 1.00000 mL <== Derived from 01 (979 ml)
Bottle 14 Prepared Bottle: 2 mL Autosampler Vial (Batch 1105146) Volume: 10.00000 mL <== Derived from 02 (996 ml)
Bottle 15 Prepared Bottle: 2 mL Autosampler Vial (Batch 1105610) Volume: 1.00000 mL <== Derived from 11 (985 ml)
Bottle 16 Prepared Bottle: 632L\632S 2 mL Autosampler Vial (Batch 1105703) Volume: 1.00000 mL <== Derived from 03 (1001 ml)
Bottle 17 Prepared Bottle: GCXL\GCXS 2 mL Autosampler Vial (Batch 1105704) Volume: 1.00000 mL <== Derived from 03 (1001 ml)
Bottle 18 Prepared Bottle: OPXL/OPXS 2 mL Autosampler Vial (Batch 1105705) Volume: 1.00000 mL <== Derived from 03 (1001 ml)
Bottle 19 Prepared Bottle:PCBL 2 mL Autosampler Vial (Batch 1105706) Volume: 1.00000 mL <== Derived from 03 (1001 ml)
Bottle 20 Prepared Bottle: Mercury Preparation for Metals (Batch 1106400) Volume: 50.00000 mL <== Derived from 12 (47 ml)
Bottle 21 Prepared Bottle: Mercury Preparation for Metals (Batch 1106400) Volume: 50.00000 mL <== Derived from 12 (47 ml)
Bottle 22 Prepared Bottle: Mercury Preparation for Metals (Batch 1106400) Volume: 50.00000 mL <== Derived from 12 (47 ml)

Method	Bottle	PrepSet	Preparation	QcGroup	Analytical
EPA 608.3	17	1105704	02/22/2024	1106752	02/27/2024
EPA 608.3	19	1105706	02/22/2024	1106707	02/27/2024
EPA 615	14	1105146	02/20/2024	1108395	03/07/2024
EPA 632	16	1105703	02/22/2024	1106076	02/25/2024
EPA 625.1	13	1105392	02/21/2024	1107978	03/06/2024
EPA 614	18	1105705	02/22/2024	1107553	02/26/2024
ASTM D7065-11	15	1105610	02/22/2024	1106682	02/27/2024
EPA 245.7 2	20	1106400	02/27/2024	1106876	02/28/2024
EPA 622	18	1105705	02/22/2024	1107547	02/26/2024

Sample	Sample ID	Taken	Time	Received
2274236	*C4B4384-02*	02/15/2024	09:40:00	02/20/2024

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Bottle 01 Client supplied NaOH poly
Bottle 02 Client supplied HCl to pH <2 40 mL vial
Bottle 03 Client supplied HCl to pH <2 40 mL vial
Bottle 04 Client supplied HCl to pH <2 40 mL vial
Bottle 05 Client supplied HCl to pH <2 40 mL vial
Bottle 06 Client supplied HCl to pH <2 40 mL vial
Bottle 07 Client supplied HCl to pH <2 40 mL vial
Bottle 08 Prepared Bottle: CN TRAACS Autosampler Vial (Batch 1106086) Volume: 10.00000 mL <== Derived from 01 (5 ml)

Method	Bottle	PrepSet	Preparation	QcGroup	Analytical
EPA 624.1	03	1105422	02/20/2024	1105422	02/20/2024
SM 4500-CN^- E-2016	08	1106086	02/26/2024	1106496	02/27/2024

Sample	Sample ID	Taken	Time	Received
2274239	*C4B4384-03*	02/15/2024	09:40:00	02/20/2024

Bottle 01 Client supplied HCl glass
Bottle 02 Prepared Bottle: Mercury Preparation for Metals (Batch 1106400) Volume: 50.00000 mL <== Derived from 01 (47 ml)

Method	Bottle	PrepSet	Preparation	QcGroup	Analytical
EPA 245.7 2	02	1106400	02/27/2024	1106876	02/28/2024

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RESULTS

Sample Results

2274222 **C4B4384-01** Received: 02/20/2024

Non-Potable Water | Collected by: Client | Eastex Environmental | PO: 021624A
Taken: 02/15/2024 09:40:00

ASTM D7065-11 Prepared: 1105610 02/22/2024 09:00:00 Analyzed 1106682 02/27/2024 20:14:00 DWL

	Parameter	Results	Units	RL	Flags	CAS	Bottle
z	**Nonylphenol**	**<30.5**	**ug/L**	30.5		**25154-52-3**	15

EPA 245.7 2 Prepared: 1106400 02/27/2024 11:44:00 Analyzed 1106876 02/28/2024 15:37:00 HLT

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	**Mercury, Total (low level)**	**0.00183**	**ug/L**	0.00532	JP	**7439-97-6**	20

EPA 608.3 Prepared: 1105704 02/22/2024 13:45:00 Analyzed 1106752 02/27/2024 11:35:00 KAP

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	**4,4-DDD**	**<0.00999**	**ug/L**	0.00999		**72-54-8**	17
NELAC	**4,4-DDE**	**<0.00999**	**ug/L**	0.00999		**72-55-9**	17
NELAC	**4,4-DDT**	**<0.00999**	**ug/L**	0.00999		**50-29-3**	17
NELAC	**Aldrin**	**<0.00999**	**ug/L**	0.00999		**309-00-2**	17
NELAC	**Alpha-BHC(hexachlorocyclohexane)**	**<0.00999**	**ug/L**	0.00999		**319-84-6**	17
NELAC	**alpha-Chlordane**	**<0.00999**	**ug/L**	0.00999		**5103-71-9**	17
NELAC	**Beta-BHC(hexachlorocyclohexane)**	**<0.00999**	**ug/L**	0.00999		**319-85-7**	17
NELAC	**Delta-BHC(hexachlorocyclohexane)**	**<0.00999**	**ug/L**	0.00999		**319-86-8**	17
NELAC	**Dieldrin**	**<0.00999**	**ug/L**	0.00999		**60-57-1**	17
NELAC	**Endosulfan I (alpha)**	**<0.00999**	**ug/L**	0.00999		**959-98-8**	17
NELAC	**Endosulfan II (beta)**	**<0.00999**	**ug/L**	0.00999		**33213-65-9**	17
NELAC	**Endosulfan sulfate**	**<0.00999**	**ug/L**	0.00999		**1031-07-8**	17
NELAC	**Endrin**	**<0.00999**	**ug/L**	0.00999		**72-20-8**	17
NELAC	**Endrin aldehyde**	**<0.00999**	**ug/L**	0.00999		**7421-93-4**	17
NELAC	**Gamma-BHC(Lindane)**	**<0.00999**	**ug/L**	0.00999		**58-89-9**	17
NELAC	**gamma-Chlordane**	**<0.00999**	**ug/L**	0.00999		**5103-74-2**	17
NELAC	**Heptachlor**	**<0.00999**	**ug/L**	0.00999		**76-44-8**	17
NELAC	**Heptachlor epoxide**	**<0.00999**	**ug/L**	0.00999		**1024-57-3**	17
z	**Kelthane (Dicofol)**	**<0.0999**	**ug/L**	0.0999	S	**115-32-2**	17
NELAC	**Methoxychlor**	**<0.00999**	**ug/L**	0.00999		**72-43-5**	17

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2274222 **C4B4384-01** Received: 02/20/2024

Non-Potable Water | Collected by: Client | Eastex Environmental | PO: 021624A
Taken: 02/15/2024 09:40:00

EPA 608.3 Prepared: 1105704 02/22/2024 13:45:00 Analyzed 1106752 02/27/2024 11:35:00 KAP

	Parameter	Results	Units	RL	Flags	CAS	Bottle
z	**Mirex**	**<0.015**	**ug/L**	0.015	S	**2385-85-5**	17
NELAC	**Toxaphene**	**<0.200**	**ug/L**	0.200		**8001-35-2**	17

EPA 608.3 Prepared: 1105706 02/22/2024 13:45:00 Analyzed 1106707 02/27/2024 11:35:00 KAP

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	**PCB-1016**	**<0.202**	**ug/L**	0.202		**12674-11-2**	19
NELAC	**PCB-1221**	**<0.200**	**ug/L**	0.200		**11104-28-2**	19
NELAC	**PCB-1232**	**<0.200**	**ug/L**	0.200		**11141-16-5**	19
NELAC	**PCB-1242**	**<0.200**	**ug/L**	0.200		**53469-21-9**	19
NELAC	**PCB-1248**	**<0.200**	**ug/L**	0.200		**12672-29-6**	19
NELAC	**PCB-1254**	**<0.200**	**ug/L**	0.200		**11097-69-1**	19
NELAC	**PCB-1260**	**<0.200**	**ug/L**	0.200	S	**11096-82-5**	19
NELAC	**PCB-1262**	**<0.200**	**ug/L**	0.200		**37324-23-5**	19
NELAC	**PCB-1268**	**<0.200**	**ug/L**	0.200		**11100-14-4**	19

EPA 614 Prepared: 1105705 02/22/2024 13:45:00 Analyzed 1107553 02/26/2024 16:02:00 KAP

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	**Azinphos-methyl (Guthion)**	**<0.050**	**ug/L**	0.050	D	**86-50-0**	18
NELAC	**Demeton**	**<0.050**	**ug/L**	0.050		**8065-48-3**	18
NELAC	**Diazinon**	**<0.050**	**ug/L**	0.050	D	**333-41-5**	18
NELAC	**Malathion**	**<0.050**	**ug/L**	0.050		**121-75-5**	18
NELAC	**Parathion, ethyl**	**<0.050**	**ug/L**	0.050		**56-38-2**	18
NELAC	**Parathion, methyl**	**<0.050**	**ug/L**	0.050		**298-00-0**	18

EPA 615 Prepared: 1105146 02/21/2024 12:35:00 Analyzed 1108395 03/07/2024 22:40:00 KAP

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	**2,4 Dichlorophenoxyacetic acid**	**<0.502**	**ug/L**	0.502		**94-75-7**	14
NELAC	**2,4,5-TP (Silvex)**	**<0.300**	**ug/L**	0.300		**93-72-1**	14

EPA 622 Prepared: 1105705 02/22/2024 13:45:00 Analyzed 1107547 02/26/2024 16:02:00 KAP

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	**Chlorpyrifos**	**<0.050**	**ug/L**	0.050		**2921-88-2**	18

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2274222 **C4B4384-01** Received: 02/20/2024

Non-Potable Water | Collected by: Client | Eastex Environmental | PO: 021624A
Taken: 02/15/2024 09:40:00

EPA 625.1 Prepared: 1105392 02/21/2024 11:15:00 Analyzed 1107978 03/06/2024 02:40:00 DWL

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	1,2,4,5-Tetrachlorobenzene	<1.02	ug/L	1.02		95-94-3	13
NELAC	1,2,4-Trichlorobenzene	<1.02	ug/L	1.02		120-82-1	13
NELAC	1,2-Dichlorobenzene	<1.02	ug/L	1.02		95-50-1	13
NELAC	1,2-DPH (as azobenzene)	<1.02	ug/L	1.02		122-66-7	13
NELAC	1,3-Dichlorobenzene	<1.02	ug/L	1.02		541-73-1	13
NELAC	1,4-Dichlorobenzene	<1.02	ug/L	1.02		106-46-7	13
NELAC	2,4,5-Trichlorophenol	<1.02	ug/L	1.02		95-95-4	13
NELAC	2,4,6-Trichlorophenol	<1.02	ug/L	1.02		88-06-2	13
NELAC	2,4-Dichlorophenol	<1.02	ug/L	1.02		120-83-2	13
NELAC	2,4-Dimethylphenol	<2.45	ug/L	2.45	S	105-67-9	13
NELAC	2,4-Dinitrophenol	<9.19	ug/L	9.19		51-28-5	13
NELAC	2,4-Dinitrotoluene	<3.58	ug/L	3.58		121-14-2	13
NELAC	2,6-Dinitrotoluene	<1.02	ug/L	1.02		606-20-2	13
NELAC	2-Chloronaphthalene	<1.02	ug/L	1.02		91-58-7	13
NELAC	2-Chlorophenol	<1.02	ug/L	1.02		95-57-8	13
NELAC	2-Methylphenol (o-Cresol)	<5.31	ug/L	5.31		95-48-7	13
NELAC	2-Nitrophenol	<1.02	ug/L	1.02		88-75-5	13
NELAC	3&4-Methylphenol (m&p-Cresol)	<6.33	ug/L	6.33		MEPH34	13
NELAC	3,3'-Dichlorobenzidine	<5.00	ug/L	5.00		91-94-1	13
NELAC	4,6-Dinitro-2-methylphenol	<8.17	ug/L	8.17		534-52-1	13
NELAC	4-Bromophenyl phenyl ether	<1.02	ug/L	1.02		101-55-3	13
NELAC	4-Chlorophenyl phenyl ethe	<1.02	ug/L	1.02		7005-72-3	13
NELAC	4-Nitrophenol	<1.02	ug/L	1.02		100-02-7	13
NELAC	Acenaphthene	<1.02	ug/L	1.02		83-32-9	13
NELAC	Acenaphthylene	<1.02	ug/L	1.02		208-96-8	13
z	Aniline	<1.02	ug/L	1.02	S	62-53-3	13
NELAC	Anthracene	<1.02	ug/L	1.02		120-12-7	13
NELAC	Benzidine	<20.4	ug/L	20.4	D	92-87-5	13
NELAC	Benzo(a)anthracene	<1.02	ug/L	1.02		56-55-3	13
NELAC	Benzo(a)pyrene	<1.02	ug/L	1.02		50-32-8	13
NELAC	Benzo(b)fluoranthene	<1.02	ug/L	1.02		205-99-2	13
NELAC	Benzo(ghi)perylene	<1.02	ug/L	1.02		191-24-2	13
NELAC	Benzo(k)fluoranthene	<1.02	ug/L	1.02		207-08-9	13
NELAC	Benzyl Butyl phthalate	1.35	ug/L	7.66	J	85-68-7	13
NELAC	Bis(2-chloroethoxy)methane	<1.02	ug/L	1.02		111-91-1	13
NELAC	Bis(2-chloroethyl)ether	<1.02	ug/L	1.02		111-44-4	13

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2274222 **C4B4384-01** Received: 02/20/2024

Non-Potable Water | Collected by: Client | Eastex Environmental | PO: 021624A
Taken: 02/15/2024 09:40:00

EPA 625.1 Prepared: 1105392 02/21/2024 11:15:00 Analyzed 1107978 03/06/2024 02:40:00 DWL

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	**Bis(2-chloroisopropyl)ether**	**<1.02**	**ug/L**	1.02		**108-60-1**	13
NELAC	**Bis(2-ethylhexyl)phthalate**	**<7.66**	**ug/L**	7.66		**117-81-7**	13
NELAC	**Chrysene (Benzo(a)phenanthrene)**	**<1.02**	**ug/L**	1.02		**218-01-9**	13
NELAC	**Dibenz(a,h)anthracene**	**<1.02**	**ug/L**	1.02		**53-70-3**	13
NELAC	**Diethyl phthalate**	**<5.82**	**ug/L**	5.82		**84-66-2**	13
NELAC	**Dimethyl phthalate**	**<4.90**	**ug/L**	4.90		**131-11-3**	13
NELAC	**Di-n-butylphthalate**	**<7.66**	**ug/L**	7.66		**84-74-2**	13
NELAC	**Di-n-octylphthalate**	**<1.02**	**ug/L**	1.02		**117-84-0**	13
NELAC	**Fluoranthene(Benzo(j,k)fluorene)**	**<1.02**	**ug/L**	1.02		**206-44-0**	13
NELAC	**Fluorene**	**<1.02**	**ug/L**	1.02		**86-73-7**	13
NELAC	**Hexachlorobenzene**	**<1.02**	**ug/L**	1.02		**118-74-1**	13
NELAC	**Hexachlorobutadiene**	**<1.02**	**ug/L**	1.02		**87-68-3**	13
NELAC	**Hexachlorocyclopentadiene**	**<9.19**	**ug/L**	9.19		**77-47-4**	13
NELAC	**Hexachloroethane**	**<1.02**	**ug/L**	1.02		**67-72-1**	13
NELAC	**Indeno(1,2,3-cd)pyrene**	**<1.02**	**ug/L**	1.02		**193-39-5**	13
NELAC	**Isophorone**	**<1.02**	**ug/L**	1.02		**78-59-1**	13
NELAC	**Naphthalene**	**<1.02**	**ug/L**	1.02		**91-20-3**	13
NELAC	**Nitrobenzene**	**<1.02**	**ug/L**	1.02		**98-95-3**	13
NELAC	**n-Nitrosodiethylamine**	**<1.02**	**ug/L**	1.02		**55-18-5**	13
NELAC	**N-Nitrosodimethylamine**	**<7.15**	**ug/L**	7.15		**62-75-9**	13
NELAC	**n-Nitroso-di-n-butylamine**	**<1.02**	**ug/L**	1.02		**924-16-3**	13
NELAC	**N-Nitrosodi-n-propylamine**	**<1.02**	**ug/L**	1.02		**621-64-7**	13
NELAC	**N-Nitrosodiphenylamine (as DPA**	**<1.02**	**ug/L**	1.02		**86-30-6**	13
NELAC	**p-Chloro-m-Cresol (4-Chloro-3-me**	**<2.45**	**ug/L**	2.45		**59-50-7**	13
NELAC	**Pentachlorobenzene**	**<1.02**	**ug/L**	1.02		**608-93-5**	13
NELAC	**Pentachlorophenol**	**<1.02**	**ug/L**	1.02		**87-86-5**	13
NELAC	**Phenanthrene**	**<1.02**	**ug/L**	1.02		**85-01-8**	13
NELAC	**Phenol**	**<1.53**	**ug/L**	1.53		**108-95-2**	13
NELAC	**Pyrene**	**<1.02**	**ug/L**	1.02		**129-00-0**	13
NELAC	**Pyridine**	**<5.52**	**ug/L**	5.52		**110-86-1**	13

EPA 625.1 Prepared: 1105392 02/21/2024 11:15:00 Calculated 1107978 03/07/2024 15:17:50 CAL

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	**Cresols Total**	**<6.33**	**ug/L**	6.33		**1319-77-3, etc.**	13

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Printed: 03/11/2024

2274222 **C4B4384-01** Received: 02/20/2024

Non-Potable Water | Collected by: Client | Eastex Environmental | PO: 021624A
Taken: 02/15/2024 09:40:00

EPA 632 Prepared: 1105703 02/22/2024 13:45:00 Analyzed 1106076 02/25/2024 00:10:00 BRU

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	**Carbaryl (Sevin)**	**<2.50**	**ug/L**	2.50		**63-25-2**	16
z	**Diuron**	**<0.045**	**ug/L**	0.045		**330-54-1**	16

2274236 **C4B4384-02** Received: 02/20/2024

Non-Potable Water | Collected by: Client | Eastex Environmental | PO: 021624A
Taken: 02/15/2024 09:40:00

EPA 624.1 Prepared: 1105422 02/20/2024 17:10:00 Analyzed 1105422 02/20/2024 17:10:00 MR1

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	**1,1,1,2-Tetrachloroethane**	**<1.00**	**ug/L**	1.00		**630-20-6**	03
NELAC	**1,1,1-Trichloroethane**	**<1.00**	**ug/L**	1.00		**71-55-6**	03
NELAC	**1,1,2,2-Tetrachloroethane**	**<1.00**	**ug/L**	1.00		**79-34-5**	03
NELAC	**1,1,2-Trichloroethane**	**<1.00**	**ug/L**	1.00		**79-00-5**	03
NELAC	**1,1-Dichloroethane**	**<1.00**	**ug/L**	1.00		**75-34-3**	03
NELAC	**1,1-Dichloroethylene**	**<1.00**	**ug/L**	1.00		**75-35-4**	03
NELAC	**1,2-Dibromoethane (EDB)**	**<1.00**	**ug/L**	1.00		**106-93-4**	03
NELAC	**1,2-Dichloroethane**	**<1.00**	**ug/L**	1.00		**107-06-2**	03
NELAC	**1,2-Dichloropropane**	**<1.00**	**ug/L**	1.00		**78-87-5**	03
NELAC	**2-Chloroethylvinyl ether**	**<1.00**	**ug/L**	1.00		**110-75-8**	03
NELAC	**Acrolein**	**<4.00**	**ug/L**	4.00		**107-02-8**	03
NELAC	**Acrylonitrile**	**<1.00**	**ug/L**	1.00		**107-13-1**	03
NELAC	**Benzene**	**<1.00**	**ug/L**	1.00		**71-43-2**	03
NELAC	**Bromodichloromethane**	**<1.00**	**ug/L**	1.00		**75-27-4**	03
NELAC	**Bromoform**	**<1.00**	**ug/L**	1.00		**75-25-2**	03
NELAC	**Bromomethane (Methyl Bromi**	**<1.00**	**ug/L**	1.00		**74-83-9**	03
NELAC	**Carbon Tetrachloride**	**<1.00**	**ug/L**	1.00		**56-23-5**	03
NELAC	**Chlorobenzene**	**<1.00**	**ug/L**	1.00		**108-90-7**	03
NELAC	**Chloroethane**	**<1.12**	**ug/L**	1.12		**75-00-3**	03
NELAC	**Chloroform**	**<1.00**	**ug/L**	1.00		**67-66-3**	03
NELAC	**Chloromethane (Methyl Chloride)**	**<1.00**	**ug/L**	1.00		**74-87-3**	03
NELAC	**cis-1,2-Dichloroethylene**	**<1.00**	**ug/L**	1.00		**156-59-2**	03
NELAC	**cis-1,3-Dichloropropene**	**<1.00**	**ug/L**	1.00		**10061-01-5**	03

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2274236 **C4B4384-02** Received: 02/20/2024

Non-Potable Water | Collected by: Client | Eastex Environmental | PO: 021624A
Taken: 02/15/2024 09:40:00

EPA 624.1 Prepared: 1105422 02/20/2024 17:10:00 Analyzed 1105422 02/20/2024 17:10:00 MR1

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	**Dibromochloromethane**	**<1.00**	**ug/L**	1.00		**124-48- 1**	03
NELAC	**Dichlorodifluoromethane**	**<1.00**	**ug/L**	1.00		**75-71-8**	03
NELAC	**Dichloromethane**	**<1.02**	**ug/L**	1.02		**75-09-2**	03
NELAC	**Ethylbenzene**	**<1.00**	**ug/L**	1.00		**100-41-4**	03
NELAC	**m- and p-Xylene**	**<2.00**	**ug/L**	2.00	X	**ARC-mpXyl**	03
NELAC	**m-Dichlorobenzene (1,3-DCB)**	**<1.00**	**ug/L**	1.00		**541-73-1**	03
NELAC	**o-Dichlorobenzene (1,2-DCB)**	**<1.00**	**ug/L**	1.00		**95-50-1**	03
NELAC	**o-Xylene**	**<1.00**	**ug/L**	1.00	X	**95-47-6**	03
NELAC	**p-Dichlorobenzene (1,4-DCB)**	**<1.00**	**ug/L**	1.00		**106-46-7**	03
NELAC	**Tetrachloroethylene**	**<1.00**	**ug/L**	1.00		**127-18-4**	03
NELAC	**Toluene**	**<1.00**	**ug/L**	1.00		**108-88-3**	03
NELAC	**trans-1,2-Dichloroethylene**	**<1.00**	**ug/L**	1.00		**156-60-5**	03
NELAC	**trans-1,3-Dichloropropene**	**<1.00**	**ug/L**	1.00		**10061-02-6**	03
NELAC	**Trichloroethylene**	**<1.00**	**ug/L**	1.00		**79-01-6**	03
NELAC	**Trichlorofluoromethane**	**<1.00**	**ug/L**	1.00		**75-69-4**	03
NELAC	**Vinyl chloride**	**<1.00**	**ug/L**	1.00		**75-01-4**	03

EPA 624.1 Prepared: 1105422 02/26/2024 11:51:23 Calculated 1105422 02/26/2024 11:51:23 CAL

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	**Xylenes, Total**	**<2.00**	**ug/L**	2.00	E	**1330-20-7**	03

SM 4500-CN⁻E-2016 Prepared: 1106086 02/26/2024 07:17:05 Analyzed 1106496 02/27/2024 12:28:00 AMB

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	**Cyanide, total**	**<2.38**	**ug/L**	2.38			08

2274239 **C4B4384-03** Received: 02/20/2024

Non-Potable Water | Collected by: Client | Eastex Environmental | PO: 021624A
Taken: 02/15/2024 09:40:00

Prepared: 02/20/2024 13:03:42 Calculated 02/20/2024 13:03:42 CAL

Parameter	Results	Units	RL	Flags	CAS	Bottle

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2274239 **C4B4384-03** Received: 02/20/2024

Non-Potable Water | Collected by: Client | Eastex Environmental | PO: 021624A
Taken: 02/15/2024 09:40:00

	Prepared:	02/20/2024	13:03:42	Calculated	02/20/2024	13:03:42	CAL

	Parameter	Results	Units	RL	Flags	CAS	Bottle
z	**LL Mercury Field Blank Prep**	**Verified**				**7439-97-6**	

EPA 245.7 2 | Prepared: 1106400 02/27/2024 11:44:00 | Analyzed 1106876 02/28/2024 15:46:00 | HLT

	Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC	**Mercury, Total (low level)**	**<0.00128**	**ug/L**	0.00128		**7439-97-6**	02

Sample Preparation

2274222 **C4B4384-01** Received: 02/20/2024

021624A

02/15/2024

	Prepared:	02/20/2024	13:14:55	Calculated	02/20/2024	13:14:55	CAL

z	**Environmental Fee (per Project)**	**Verified**		

ASTM D7065-11 | Prepared: 1105610 02/22/2024 09:00:00 | Analyzed 1106682 02/27/2024 20:14:00 | DWL

z	**Nonyl Phenol Expansion**	**Entered**		15

EPA 245.7 2 | Prepared: 1106400 02/27/2024 11:44:00 | Analyzed 1106400 02/27/2024 11:44:00 | RD1

NELAC	**Low Level Mercury Liquid Metals**	**50/47**	**ml**	12

EPA 608.3 | Prepared: 1105704 02/22/2024 13:45:00 | Analyzed 1105704 02/22/2024 13:45:00 | MCC

	Liquid-Liquid Extr. W/Hex Ex	**1/1001**	**ml**	03

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2274222 **C4B4384-01** Received: 02/20/2024

021624A

02/15/2024

	EPA 608.3	*Prepared:*	*1105704*	*02/22/2024*	*13:45:00*	*Analyzed*	*1106752*	*02/27/2024*	*11:35:00*	*KAP*
NELAC	**Pesticides Method 608.3 full lis**	**Entered**								17
	EPA 608.3	*Prepared:*	*1105705*	*02/22/2024*	*13:45:00*	*Analyzed*	*1105705*	*02/22/2024*	*13:45:00*	*MCC*
	Solvent Extraction	**1/1001**	**ml**							03
	EPA 608.3	*Prepared:*	*1105706*	*02/22/2024*	*13:45:00*	*Analyzed*	*1105706*	*02/22/2024*	*13:45:00*	*MCC*
	PCB Liq-Liq Extr. W/Hex Exch.	**1/1001**	**ml**							03
	EPA 608.3	*Prepared:*	*1105706*	*02/22/2024*	*13:45:00*	*Analyzed*	*1106707*	*02/27/2024*	*11:35:00*	*KAP*
NELAC	**Polychlorinated Biphenyls**	**Entered**								19
	EPA 614	*Prepared:*	*1105705*	*02/22/2024*	*13:45:00*	*Analyzed*	*1107553*	*02/26/2024*	*16:02:00*	*KAP*
z	**Permit Organophos. Pesticides**	**Entered**								18
	EPA 615	*Prepared:*	*1105146*	*02/21/2024*	*12:35:00*	*Analyzed*	*1105146*	*02/21/2024*	*12:35:00*	*MCC*
NELAC	**Esterification of Sample**	**10/996**	**ml**							02
	EPA 615	*Prepared:*	*1105146*	*02/21/2024*	*12:35:00*	*Analyzed*	*1108395*	*03/07/2024*	*22:40:00*	*KAP*
NELAC	**Herbicides by GC**	**Entered**								14
	EPA 622	*Prepared:*	*1105705*	*02/22/2024*	*13:45:00*	*Analyzed*	*1107547*	*02/26/2024*	*16:02:00*	*KAP*
NELAC	**For use with EXP !CPP only**	**Entered**								18

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2274222 **C4B4384-01** Received: 02/20/2024

021624A

02/15/2024

EPA 625.1	*Prepared:*	*1105392*	*02/21/2024*	*11:15:00*	*Analyzed*	*1105392*	*02/21/2024*	*11:15:00*	*MCC*	
Liquid-Liquid Extraction, BNA	**1/979**	**ml**								01
EPA 625.1	*Prepared:*	*1105392*	*02/21/2024*	*11:15:00*	*Analyzed*	*1107978*	*03/06/2024*	*02:40:00*	*DWL*	
NELAC **Table D-1/ D-2 Semivolatiles Exp**	**Entered**									13
EPA 625.1	*Prepared:*	*1105610*	*02/22/2024*	*09:00:00*	*Analyzed*	*1105610*	*02/22/2024*	*09:00:00*	*MCC*	
Nonylphenol Liq-Liq Extract	**1/985**	**ml**								11
EPA 632	*Prepared:*	*1105703*	*02/22/2024*	*13:45:00*	*Analyzed*	*1105703*	*02/22/2024*	*13:45:00*	*MCC*	
Liquid-Liquid Extr. W/Hex Ex	**1/1001**	**ml**								03
EPA 632	*Prepared:*	*1105703*	*02/22/2024*	*13:45:00*	*Analyzed*	*1106076*	*02/25/2024*	*00:10:00*	*BRU*	
NELAC **Carbaryl/Diuron**	**Entered**									16

2274236 **C4B4384-02** Received: 02/20/2024

021624A

02/15/2024

EPA 624.1	*Prepared:*	*1105422*	*02/20/2024*	*17:10:00*	*Analyzed*	*1105422*	*02/20/2024*	*17:10:00*	*MR1*	
NELAC **TTO VOC Table II no AA bottle**	**Entered**									03
SM 4500-CN⁻ C-2016	*Prepared:*	*1106086*	*02/26/2024*	*07:17:05*	*Analyzed*	*1106086*	*02/26/2024*	*07:17:05*	*MEG*	
NELAC **Cyanide Distillation**	**10/5**	**ml**								01

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Printed: 03/11/2024

2274239 **C4B4384-03** *Received:* 02/20/2024

021624A

02/15/2024

EPA 245.7 2	*Prepared:*	*1106400*	*02/27/2024*	*11:44:00*	*Analyzed*	*1106400*	*02/27/2024*	*11:44:00*	*RD1*

NELAC	**Low Level Mercury Liquid Metals**	**50/47**	**ml**	01

Qualifiers:

J - Analyte detected below quantitation limit D - Duplicate RPD was higher than expected
E - Estimated Value P - Spike recovery outside control limits due to matrix effects.
X - Standard reads higher than desired. S - Standard reads lower than desired

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

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

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

These analytical results relate to the sample tested. This report may NOT be reproduced EXCEPT in FULL without written approval of SPL Kilgore. Unless otherwise specified, these test results meet the requirements of NELAC.
RL is the Reporting Limit (sample specific quantitation limit) and is at or above the Method Detection Limit (MDL). CAS is Chemical Abstract Service number. RL is our Reporting Limit, or Minimum Quantitation Level. The RL takes into account the Instrument Detection Limit (IDL), Method Detection Limit (MDL), and Practical Quantitation Limit (PQL), and any dilutions and/or concentrations performed during sample preparation (EQL). Our analytical result must be above this RL before we report a value in the 'Results' column of our report (without a 'J' flag). Otherwise, we report ND (Not Detected above RL), because the result is "<" (less than) the number in the RL column. MAL is Minimum Analytical Level and is typically from regulatory agencies. Unless we report a result in the result column, or interferences prevent it, we work to have our RL at or below the MAL.

Bill Peery

Bill Peery, MS, VP Technical Services

QUALITY CONTROL

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Analytical Set 1106496

SM 4500-CN⁻ E-2016

Blank

Parameter	*PrepSet*	*Reading*	*MDL*	*MQL*	*Units*	*File*
Cyanide, total	1106086	ND	0.00238	0.005	mg/L	126039840

CCV

Parameter	*Reading*	*Known*	*Units*	*Recover%*	*Limits%*	*File*
Cyanide, total	0.540	0.500	mg/L	108	90.0 - 110	126039839
Cyanide, total	0.549	0.500	mg/L	110	90.0 - 110	126039849
Cyanide, total	0.546	0.500	mg/L	109	90.0 - 110	126039860
Cyanide, total	0.546	0.500	mg/L	109	90.0 - 110	126039868
Cyanide, total	0.537	0.500	mg/L	107	90.0 - 110	126039869
Cyanide, total	0.532	0.500	mg/L	106	90.0 - 110	126039870
Cyanide, total	0.528	0.500	mg/L	106	90.0 - 110	126039871

Duplicate

Parameter	*Sample*	*Result*	*Unknown*	*Unit*	*RPD*	*Limit%*
Cyanide, total	2273921	ND	ND	mg/L		20.0
Cyanide, total	2273922	ND	ND	mg/L		20.0

ICV

Parameter	*Reading*	*Known*	*Units*	*Recover%*	*Limits%*	*File*
Cyanide, total	0.199	0.200	mg/L	99.5	90.0 - 110	126039838

LCS Dup

Parameter	*PrepSet*	*LCS*	*LCSD*	*Known*	*Limits%*	*LCS%*	*LCSD%*	*Units*	*RPD*	*Limit%*
Cyanide, total	1106086	0.429	0.412	0.400	90.0 - 110	107	103	mg/L	4.04	20.0

Mat. Spike

Parameter	*Sample*	*Spike*	*Unknown*	*Known*	*Units*	*Recovery %*	*Limits %*	*File*
Cyanide, total	2273921	0.433	ND	0.400	mg/L	108	90.0 - 110	126039845
Cyanide, total	2273922	0.419	ND	0.400	mg/L	105	90.0 - 110	126039848

Analytical Set 1106876

EPA 245.7 2

AWRL/LOQ C

Parameter	*Reading*	*Known*	*Units*	*Recover%*	*Limits%*	*File*
Mercury, Total (low level)	4.37	5.00	ng/L	87.4	70.0 - 130	126047293

Blank

Parameter	*PrepSet*	*Reading*	*MDL*	*MQL*	*Units*	*File*
Mercury, Total (low level)	1106400	2.60	1.20	5.00	ng/L	126047294

CCV

Parameter	*Reading*	*Known*	*Units*	*Recover%*	*Limits%*	*File*
Mercury, Total (low level)	23.5	25.0	ng/L	94.0	87.0 - 113	126047291
Mercury, Total (low level)	24.1	25.0	ng/L	96.4	87.0 - 113	126047304
Mercury, Total (low level)	23.9	25.0	ng/L	95.6	87.0 - 113	126047317
Mercury, Total (low level)	23.4	25.0	ng/L	93.6	87.0 - 113	126047328

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Printed 03/11/2024

ICL

Parameter	Reading	Known	Units	Recover%	Limits%	File
Mercury, Total (low level)	46.2	50.0	ng/L	92.4	90.0 - 110	126047289

ICV

Parameter	Reading	Known	Units	Recover%	Limits%	File
Mercury, Total (low level)	23.9	25.0	ng/L	95.6	90.0 - 110	126047290

LCS Dup

Parameter	PrepSet	LCS	LCSD	Known	Limits%	LCS%	LCSD%	Units	RPD	Limit%
Mercury, Total (low level)	1106400	19.6	20.1	25.0	76.0 - 115	78.4	80.4	ng/L	2.52	50.0

MSD

Parameter	Sample	MS	MSD	UNK	Known	Limits	MS%	MSD%	Units	RPD	Limit%
Mercury, Total (low level)	2274222	14.9	15.6	1.83	26.6	63.0 - 111	49.1 *	51.8 *	ng/L	5.22	18.0
Mercury, Total (low level)	2275528	8.80	8.02	ND	26.6	63.0 - 111	33.1 *	30.2 *	ng/L	9.27	18.0

Analytical Set 1105422 — EPA 624.1

BFB

Parameter	Sample	RefMass	Reading	%	Limits%	File
BFB Mass 173	1105422	174	150	0.9	0 - 2.00	126013529
BFB Mass 174	1105422	95.0	17000	61.5	50.0 - 100	126013529
BFB Mass 175	1105422	174	1275	7.5	5.00 - 9.00	126013529
BFB Mass 176	1105422	174	16990	99.9	95.0 - 101	126013529
BFB Mass 177	1105422	176	1245	7.3	5.00 - 9.00	126013529
BFB Mass 50	1105422	95.0	4749	17.2	15.0 - 40.0	126013529
BFB Mass 75	1105422	95.0	13397	48.4	30.0 - 60.0	126013529
BFB Mass 95	1105422	95.0	27659	100.0	100 - 100	126013529
BFB Mass 96	1105422	95.0	1822	6.6	5.00 - 9.00	126013529

Blank

Parameter	PrepSet	Reading	MDL	MQL	Units	File
1,1,1-Trichloroethane	1105422	ND	0.531	1.00	ug/L	126013534
1,1,2-Trichloroethane	1105422	ND	0.563	1.00	ug/L	126013534
1,1-Dichloroethane	1105422	ND	0.593	1.00	ug/L	126013534
1,1-Dichloroethylene	1105422	ND	0.574	1.00	ug/L	126013534
1,2-Dibromoethane (EDB)	1105422	ND	0.562	1.00	ug/L	126013534
1,2-Dichloroethane	1105422	ND	0.590	1.00	ug/L	126013534
1,2-Dichloropropane	1105422	ND	0.615	1.00	ug/L	126013534
Acrolein	1105422	ND	2.33	4.00	ug/L	126013534
Acrylonitrile	1105422	ND	0.998	1.00	ug/L	126013534
Benzene	1105422	ND	0.453	1.00	ug/L	126013534
Bromodichloromethane	1105422	ND	0.409	1.00	ug/L	126013534
Bromoform	1105422	ND	0.500	1.00	ug/L	126013534
Carbon Tetrachloride	1105422	ND	0.299	1.00	ug/L	126013534
Chlorobenzene	1105422	ND	0.558	1.00	ug/L	126013534
Chloroethane	1105422	ND	1.12	1.12	ug/L	126013534
Chloroform	1105422	ND	0.463	1.00	ug/L	126013534

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Blank

Parameter	PrepSet	Reading	MDL	MQL	Units	File
Chloromethane (Methyl Chloride)	1105422	ND	0.811	1.00	ug/L	126013534
cis-1,3-Dichloropropene	1105422	ND	0.660	1.00	ug/L	126013534
Dibromochloromethane	1105422	ND	0.311	1.00	ug/L	126013534
Dichloromethane	1105422	ND	1.02	1.02	ug/L	126013534
Ethylbenzene	1105422	ND	0.498	1.00	ug/L	126013534
m- and p-Xylene	1105422	ND	1.22	2.00	ug/L	126013534
m-Dichlorobenzene (1,3-DCB)	1105422	ND	0.619	1.00	ug/L	126013534
o-Dichlorobenzene (1,2-DCB)	1105422	ND	0.532	1.00	ug/L	126013534
o-Xylene	1105422	ND	0.576	1.00	ug/L	126013534
p-Dichlorobenzene (1,4-DCB)	1105422	ND	0.837	1.00	ug/L	126013534
Tetrachloroethylene	1105422	ND	0.607	1.00	ug/L	126013534
Toluene	1105422	ND	0.655	1.00	ug/L	126013534
trans-1,2-Dichloroethylene	1105422	ND	0.701	1.00	ug/L	126013534
trans-1,3-Dichloropropene	1105422	ND	0.627	1.00	ug/L	126013534
Trichloroethylene	1105422	ND	0.521	1.00	ug/L	126013534
Vinyl chloride	1105422	ND	0.702	1.00	ug/L	126013534

IS Areas

Parameter	Sample	Type	Reading	CCVISM	Low	High	File	PrepSet
1,4-DichlorobenzeneD4 (ISTD)	1105422	LCS	140900	138300	69140	207400	126013532	1105422
1,4-DichlorobenzeneD4 (ISTD)	1105422	LCS Dup	136800	138300	69140	207400	126013533	1105422
1,4-DichlorobenzeneD4 (ISTD)	1105422	Blank	143500	138300	69140	207400	126013534	1105422
ChlorobenzeneD5 (ISTD)	1105422	LCS	308800	292900	146400	439300	126013532	1105422
ChlorobenzeneD5 (ISTD)	1105422	LCS Dup	307200	292900	146400	439300	126013533	1105422
ChlorobenzeneD5 (ISTD)	1105422	Blank	316300	292900	146400	439300	126013534	1105422
1,4-DichlorobenzeneD4 (ISTD)	2274223	MS	157400	138300	69140	207400	126013537	1105422
1,4-DichlorobenzeneD4 (ISTD)	2274223	MSD	148300	138300	69140	207400	126013538	1105422
ChlorobenzeneD5 (ISTD)	2274223	MS	352500	292900	146400	439300	126013537	1105422
ChlorobenzeneD5 (ISTD)	2274223	MSD	321700	292900	146400	439300	126013538	1105422
1,4-DichlorobenzeneD4 (ISTD)	2274236	Unknown	147900	138300	69140	207400	126013535	1105422
ChlorobenzeneD5 (ISTD)	2274236	Unknown	333100	292900	146400	439300	126013535	1105422

IS RetTime

Parameter	Sample	Type	Reading	CCVISM	Low	High	File	PrepSet
1,4-DichlorobenzeneD4 (ISTD)	1105422	LCS	11.97	11.97	11.91	12.03	126013532	1105422
1,4-DichlorobenzeneD4 (ISTD)	1105422	LCS Dup	11.97	11.97	11.91	12.03	126013533	1105422
1,4-DichlorobenzeneD4 (ISTD)	1105422	Blank	11.97	11.97	11.91	12.03	126013534	1105422
ChlorobenzeneD5 (ISTD)	1105422	LCS	9.597	9.597	9.537	9.657	126013532	1105422
ChlorobenzeneD5 (ISTD)	1105422	LCS Dup	9.597	9.597	9.537	9.657	126013533	1105422
ChlorobenzeneD5 (ISTD)	1105422	Blank	9.597	9.597	9.537	9.657	126013534	1105422
1,4-DichlorobenzeneD4 (ISTD)	2274223	MS	11.97	11.97	11.91	12.03	126013537	1105422
1,4-DichlorobenzeneD4 (ISTD)	2274223	MSD	11.97	11.97	11.91	12.03	126013538	1105422
ChlorobenzeneD5 (ISTD)	2274223	MS	9.597	9.597	9.537	9.657	126013537	1105422
ChlorobenzeneD5 (ISTD)	2274223	MSD	9.597	9.597	9.537	9.657	126013538	1105422
1,4-DichlorobenzeneD4 (ISTD)	2274236	Unknown	11.97	11.97	11.91	12.03	126013535	1105422

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IS RetTime

Parameter	Sample	Type	Reading	CCVISM	Low	High	File	PrepSet
ChlorobenzeneD5 (ISTD)	**2274236**	**Unknown**	**9.597**	**9.597**	**9.537**	**9.657**	**126013535**	1105422

LCS Dup

Parameter	PrepSet	LCS	LCSD	Known	Limits%	LCS%	LCSD%	Units	RPD	Limit%
1,1,1,2-Tetrachloroethane	**1105422**	**20.3**	**20.3**	**20.0**	**79.3 - 126**	**102**	**102**	ug/L	0	30.0
1,1,1-Trichloroethane	**1105422**	**21.7**	**20.7**	**20.0**	**70.0 - 130**	**108**	**104**	ug/L	3.77	21.0
1,1,2,2-Tetrachloroethane	**1105422**	**22.0**	**23.4**	**20.0**	**60.0 - 140**	**110**	**117**	ug/L	6.17	36.0
1,1,2-Trichloroethane	**1105422**	**22.5**	**22.7**	**20.0**	**70.0 - 130**	**112**	**114**	ug/L	1.77	27.0
1,1-Dichloroethane	**1105422**	**20.5**	**19.6**	**20.0**	**70.0 - 130**	**102**	**98.0**	ug/L	4.00	24.0
1,1-Dichloroethylene	**1105422**	**23.2**	**22.0**	**20.0**	**50.0 - 150**	**116**	**110**	ug/L	5.31	40.0
1,2-Dibromoethane (EDB)	**1105422**	**22.4**	**22.4**	**20.0**	**78.4 - 122**	**112**	**112**	ug/L	0	30.0
1,2-Dichloroethane	**1105422**	**22.3**	**21.9**	**20.0**	**70.0 - 130**	**112**	**110**	ug/L	1.80	29.0
1,2-Dichloropropane	**1105422**	**21.8**	**20.7**	**20.0**	**35.0 - 165**	**109**	**104**	ug/L	4.69	69.0
Acrolein	**1105422**	**31.1**	**31.8**	**40.0**	**60.0 - 140**	**77.8**	**79.5**	ug/L	2.16	30.0
Acrylonitrile	**1105422**	**40.1**	**41.8**	**40.0**	**60.0 - 140**	**100**	**104**	ug/L	3.92	30.0
Benzene	**1105422**	**23.7**	**22.8**	**20.0**	**65.0 - 135**	**118**	**114**	ug/L	3.45	33.0
Bromodichloromethane	**1105422**	**20.2**	**19.8**	**20.0**	**65.0 - 135**	**101**	**99.0**	ug/L	2.00	34.0
Bromoform	**1105422**	**18.8**	**19.1**	**20.0**	**70.0 - 130**	**94.0**	**95.5**	ug/L	1.58	25.0
Bromomethane (Methyl Bromi	**1105422**	**20.2**	**19.4**	**20.0**	**15.0 - 185**	**101**	**97.0**	ug/L	4.04	90.0
Carbon Tetrachloride	**1105422**	**20.2**	**18.8**	**20.0**	**70.0 - 130**	**101**	**94.0**	ug/L	7.18	26.0
Chlorobenzene	**1105422**	**23.7**	**23.1**	**20.0**	**65.0 - 135**	**118**	**116**	ug/L	1.71	29.0
Chloroethane	**1105422**	**22.3**	**21.6**	**20.0**	**40.0 - 160**	**112**	**108**	ug/L	3.64	47.0
Chloroform	**1105422**	**23.3**	**22.7**	**20.0**	**70.0 - 135**	**116**	**114**	ug/L	1.74	32.0
Chloromethane (Methyl Chloride)	**1105422**	**18.9**	**18.4**	**20.0**	**0.100 - 205**	**94.5**	**92.0**	ug/L	2.68	472
cis-1,2-Dichloroethylene	**1105422**	**23.0**	**22.5**	**20.0**	**78.3 - 119**	**115**	**112**	ug/L	2.64	30.0
cis-1,3-Dichloropropene	**1105422**	**21.0**	**20.2**	**20.0**	**25.0 - 175**	**105**	**101**	ug/L	3.88	79.0
Dibromochloromethane	**1105422**	**20.1**	**20.1**	**20.0**	**70.0 - 135**	**100**	**100**	ug/L	0	30.0
Dichlorodifluoromethane	**1105422**	**17.8**	**17.1**	**20.0**	**18.5 - 149**	**89.0**	**85.5**	ug/L	4.01	30.0
Dichloromethane	**1105422**	**24.2**	**23.8**	**20.0**	**60.0 - 140**	**121**	**119**	ug/L	1.67	192
Ethylbenzene	**1105422**	**23.6**	**22.6**	**20.0**	**60.0 - 140**	**118**	**113**	ug/L	4.33	34.0
m- and p-Xylene	**1105422**	**47.1**	**45.3**	**40.0**	**77.3 - 117**	**118 ***	**113**	ug/L	4.33	30.0
m-Dichlorobenzene (1,3-DCB)	**1105422**	**23.6**	**23.1**	**20.0**	**70.0 - 130**	**118**	**116**	ug/L	1.71	24.0
o-Dichlorobenzene (1,2-DCB)	**1105422**	**23.7**	**23.2**	**20.0**	**65.0 - 135**	**118**	**116**	ug/L	1.71	31.0
o-Xylene	**1105422**	**24.0**	**23.0**	**20.0**	**76.8 - 116**	**120 ***	**115**	ug/L	4.26	30.0
p-Dichlorobenzene (1,4-DCB)	**1105422**	**23.9**	**23.0**	**20.0**	**65.0 - 135**	**120**	**115**	ug/L	4.26	31.0
Tetrachloroethylene	**1105422**	**23.3**	**22.1**	**20.0**	**70.0 - 130**	**116**	**110**	ug/L	5.31	23.0
Toluene	**1105422**	**23.9**	**22.6**	**20.0**	**70.0 - 130**	**120**	**113**	ug/L	6.01	22.0
trans-1,2-Dichloroethylene	**1105422**	**22.6**	**22.3**	**20.0**	**70.0 - 130**	**113**	**112**	ug/L	0.889	27.0
trans-1,3-Dichloropropene	**1105422**	**21.7**	**21.5**	**20.0**	**50.0 - 150**	**108**	**108**	ug/L	0	52.0
Trichloroethylene	**1105422**	**22.4**	**21.1**	**20.0**	**65.0 - 135**	**112**	**106**	ug/L	5.50	29.0
Trichlorofluoromethane	**1105422**	**21.8**	**20.2**	**20.0**	**50.0 - 150**	**109**	**101**	ug/L	7.62	50.0
Vinyl chloride	**1105422**	**22.0**	**20.0**	**20.0**	**5.00 - 195**	**110**	**100**	ug/L	9.52	100

MSD

Parameter	Sample	MS	MSD	UNK	Known	Limits	MS%	MSD%	Units	RPD	Limit%

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MSD

Parameter	Sample	MS	MSD	UNK	Known	Limits	MS%	MSD%	Units	RPD	Limit%
1,1,1,2-Tetrachloroethane	2274223	176	173	ND	200	29.6 - 126	88.0	86.5	ug/L	1.72	30.0
1,1,1-Trichloroethane	2274223	178	177	ND	200	52.0 - 162	89.0	88.5	ug/L	0.563	36.0
1,1,2,2-Tetrachloroethane	2274223	214	209	ND	200	46.0 - 157	107	104	ug/L	2.36	61.0
1,1,2-Trichloroethane	2274223	197	194	ND	200	52.0 - 150	98.5	97.0	ug/L	1.53	45.0
1,1-Dichloroethane	2274223	173	169	ND	200	59.0 - 155	86.5	84.5	ug/L	2.34	40.0
1,1-Dichloroethylene	2274223	194	198	ND	200	0.100 - 234	97.0	99.0	ug/L	2.04	32.0
1,2-Dibromoethane (EDB)	2274223	198	199	ND	200	49.3 - 120	99.0	99.5	ug/L	0.504	30.0
1,2-Dichloroethane	2274223	181	167	ND	200	49.0 - 155	90.5	83.5	ug/L	8.05	49.0
1,2-Dichloropropane	2274223	184	183	ND	200	0.100 - 210	92.0	91.5	ug/L	0.545	55.0
Acrolein	2274223	93.3	113	ND	400	40.0 - 160	23.3 *	28.2 *	ug/L	19.1	60.0
Acrylonitrile	2274223	367	363	ND	400	40.0 - 160	91.8	90.8	ug/L	1.10	60.0
Benzene	2274223	200	202	ND	200	37.0 - 151	100	101	ug/L	0.995	61.0
Bromodichloromethane	2274223	176	169	ND	200	35.0 - 155	88.0	84.5	ug/L	4.06	56.0
Bromoform	2274223	183	175	ND	200	45.0 - 169	91.5	87.5	ug/L	4.47	42.0
Bromomethane (Methyl Bromi	2274223	62.0	72.6	ND	200	0.100 - 242	31.0	36.3	ug/L	15.8	61.0
Carbon Tetrachloride	2274223	174	168	ND	200	70.0 - 140	87.0	84.0	ug/L	3.51	41.0
Chlorobenzene	2274223	202	201	ND	200	37.0 - 160	101	100	ug/L	0.496	53.0
Chloroethane	2274223	191	645	ND	200	14.0 - 230	95.5	322 *	ug/L	109 *	78.0
Chloroform	2274223	198	196	ND	200	51.0 - 138	99.0	98.0	ug/L	1.02	54.0
Chloromethane (Methyl Chloride)	2274223	125	131	ND	200	0.100 - 273	62.5	65.5	ug/L	4.69	60.0
cis-1,2-Dichloroethylene	2274223	197	200	ND	200	9.47 - 116	98.5	100	ug/L	1.51	30.0
cis-1,3-Dichloropropene	2274223	176	175	ND	200	0.100 - 227	88.0	87.5	ug/L	0.570	58.0
Dibromochloromethane	2274223	180	179	ND	200	53.0 - 149	90.0	89.5	ug/L	0.557	50.0
Dichlorodifluoromethane	2274223	141	147	ND	200	53.0 - 149	70.5	73.5	ug/L	4.17	50.0
Dichloromethane	2274223	197	205	ND	200	0.100 - 221	98.5	102	ug/L	3.98	28.0
Ethylbenzene	2274223	195	198	ND	200	37.0 - 162	97.5	99.0	ug/L	1.53	63.0
m- and p-Xylene	2274223	393	395	ND	400	3.93 - 113	98.2	98.8	ug/L	0.508	30.0
m-Dichlorobenzene (1,3-DCB)	2274223	196	199	ND	200	59.0 - 156	98.0	99.5	ug/L	1.52	43.0
o-Dichlorobenzene (1,2-DCB)	2274223	197	200	ND	200	18.0 - 190	98.5	100	ug/L	1.51	57.0
o-Xylene	2274223	204	204	ND	200	15.9 - 112	102	102	ug/L	0	30.0
p-Dichlorobenzene (1,4-DCB)	2274223	200	198	ND	200	18.0 - 190	100	99.0	ug/L	1.01	57.0
Tetrachloroethylene	2274223	192	194	ND	200	64.0 - 148	96.0	97.0	ug/L	1.04	39.0
Toluene	2274223	201	200	ND	200	47.0 - 150	100	100	ug/L	0.499	41.0
trans-1,2-Dichloroethylene	2274223	193	195	ND	200	54.0 - 156	96.5	97.5	ug/L	1.03	45.0
trans-1,3-Dichloropropene	2274223	182	178	ND	200	17.0 - 183	91.0	89.0	ug/L	2.22	86.0
Trichloroethylene	2274223	183	181	ND	200	70.0 - 157	91.5	90.5	ug/L	1.10	48.0
Trichlorofluoromethane	2274223	167	173	ND	200	17.0 - 181	83.5	86.5	ug/L	3.53	84.0
Vinyl chloride	2274223	143	153	ND	200	0.100 - 251	71.5	76.5	ug/L	6.76	66.0

Surrogate

Parameter	Sample	Type	Reading	Known	Units	Recover%	Limits%	File
1,2-DCA-d4 (SURR)	1105422	LCS	19.3	20.0	ug/L	96.5	70.0 - 130	126013532
1,2-DCA-d4 (SURR)	1105422	LCS Dup	18.9	20.0	ug/L	94.5	70.0 - 130	126013533
1,2-DCA-d4 (SURR)	1105422	Blank	19.2	20.0	ug/L	96.0	70.0 - 130	126013534
Bromofluorobenzene (SURR)	1105422	LCS	19.6	20.0	ug/L	98.0	70.0 - 130	126013532

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Surrogate

Parameter	Sample	Type	Reading	Known	Units	Recover%	Limits%	File
Bromofluorobenzene (SURR)	1105422	LCS Dup	19.8	20.0	ug/L	99.0	70.0 - 130	126013533
Bromofluorobenzene (SURR)	1105422	Blank	19.4	20.0	ug/L	97.0	70.0 - 130	126013534
Dibromofluoromethane (SURR)	1105422	LCS	19.8	20.0	ug/L	99.0	70.0 - 130	126013532
Dibromofluoromethane (SURR)	1105422	LCS Dup	19.2	20.0	ug/L	96.0	70.0 - 130	126013533
Dibromofluoromethane (SURR)	1105422	Blank	18.9	20.0	ug/L	94.5	70.0 - 130	126013534
TolueneD8 (SURR)	1105422	LCS	20.2	20.0	ug/L	101	70.0 - 130	126013532
TolueneD8 (SURR)	1105422	LCS Dup	19.6	20.0	ug/L	98.0	70.0 - 130	126013533
TolueneD8 (SURR)	1105422	Blank	20.1	20.0	ug/L	100	70.0 - 130	126013534
1,2-DCA-d4 (SURR)	2274223	MS	19.4	20.0	ug/L	97.0	70.0 - 130	126013537
1,2-DCA-d4 (SURR)	2274223	MSD	17.3	20.0	ug/L	86.5	70.0 - 130	126013538
Bromofluorobenzene (SURR)	2274223	MS	20.2	20.0	ug/L	101	70.0 - 130	126013537
Bromofluorobenzene (SURR)	2274223	MSD	19.6	20.0	ug/L	98.0	70.0 - 130	126013538
Dibromofluoromethane (SURR)	2274223	MS	20.3	20.0	ug/L	102	70.0 - 130	126013537
Dibromofluoromethane (SURR)	2274223	MSD	19.9	20.0	ug/L	99.5	70.0 - 130	126013538
TolueneD8 (SURR)	2274223	MS	20.5	20.0	ug/L	102	70.0 - 130	126013537
TolueneD8 (SURR)	2274223	MSD	20.0	20.0	ug/L	100	70.0 - 130	126013538
1,2-DCA-d4 (SURR)	2274236	Unknown	17.4	20.0	ug/L	87.0	70.0 - 130	126013535
Bromofluorobenzene (SURR)	2274236	Unknown	19.5	20.0	ug/L	97.5	70.0 - 130	126013535
Dibromofluoromethane (SURR)	2274236	Unknown	18.9	20.0	ug/L	94.5	70.0 - 130	126013535
TolueneD8 (SURR)	2274236	Unknown	20.1	20.0	ug/L	100	70.0 - 130	126013535

Analytical Set 1106076 — EPA 632

Blank

Parameter	PrepSet	Reading	MDL	MQL	Units	File
Carbaryl (Sevin)	1105703	ND	66.1	2500	ug/L	126027559
Diuron	1105703	284	44.4	45.0	ug/L	126027559

CCV

Parameter	Reading	Known	Units	Recover%	Limits%	File
Carbaryl (Sevin)	1070	1000	ug/L	107	70.0 - 130	126027556
Carbaryl (Sevin)	1090	1000	ug/L	109	70.0 - 130	126027560
Carbaryl (Sevin)	1070	1000	ug/L	107	70.0 - 130	126027563
Diuron	1070	1000	ug/L	107	70.0 - 130	126027556
Diuron	1080	1000	ug/L	108	70.0 - 130	126027560
Diuron	1100	1000	ug/L	110	70.0 - 130	126027563

LCS Dup

Parameter	PrepSet	LCS	LCSD	Known	Limits%	LCS%	LCSD%	Units	RPD	Limit%
Carbaryl (Sevin)	1105703	1000	872	1000	17.1 - 131	100	87.2	ug/L	13.7	30.0
Diuron	1105703	910	260	1000	0.100 - 138	91.0	26.0	ug/L	111 *	30.0

Analytical Set 1106347 — EPA 615

Blank

Parameter	PrepSet	Reading	MDL	MQL	Units	File
2,4 Dichlorophenoxyacetic acid	1105146	ND	0.159	0.500	ug/L	126037615

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Blank

Parameter	PrepSet	Reading	MDL	MQL	Units	File
2,4,5-TP (Silvex)	1105146	ND	0.0893	0.300	ug/L	126037615

LCS Dup

Parameter	PrepSet	LCS	LCSD	Known	Limits%	LCS%	LCSD%	Units	RPD	Limit%
2,4 Dichlorophenoxyacetic acid	1105146	0.887	0.779	1.00	0.100 - 319	88.7	77.9	ug/L	13.0	30.0
2,4,5-TP (Silvex)	1105146	0.805	0.830	1.00	0.100 - 244	80.5	83.0	ug/L	3.06	30.0

Analytical Set 1106682 — ASTM D7065-11

Blank

Parameter	PrepSet	Reading	MDL	MQL	Units	File
Nonylphenol	1105610	ND	5.00	30.0	ug/L	126043734

CCV

Parameter	Reading	Known	Units	Recover%	Limits%	File
Nonylphenol	153000	150000	ug/L	102	70.0 - 130	126043733
Nonylphenol	136000	150000	ug/L	90.5	70.0 - 130	126043757

IS Areas

Parameter	Sample	Type	Reading	CCVISM	Low	High	File	PrepSet
Acenaphthene-d10-ISTD	623252	CCV	206500	206500	103300	309800	126043733	623252
Acenaphthene-d10-ISTD	623252	CCV	171500	206500	103300	309800	126043757	623252
Phenanthrene-d10-ISTD	623252	CCV	273800	273800	136900	410700	126043733	623252
Phenanthrene-d10-ISTD	623252	CCV	249000	273800	136900	410700	126043757	623252
Acenaphthene-d10-ISTD	1105610	Blank	123600	206500	103300	309800	126043734	1105610
Acenaphthene-d10-ISTD	1105610	LCS	147300	206500	103300	309800	126043735	1105610
Acenaphthene-d10-ISTD	1105610	LCS Dup	121100	206500	103300	309800	126043736	1105610
Phenanthrene-d10-ISTD	1105610	Blank	188800	273800	136900	410700	126043734	1105610
Phenanthrene-d10-ISTD	1105610	LCS	208600	273800	136900	410700	126043735	1105610
Phenanthrene-d10-ISTD	1105610	LCS Dup	156000	273800	136900	410700	126043736	1105610
Acenaphthene-d10-ISTD	2274222	Unknown	107400	206500	103300	309800	126043747	1105610
Phenanthrene-d10-ISTD	2274222	Unknown	149000	273800	136900	410700	126043747	1105610

IS RetTime

Parameter	Sample	Type	Reading	CCVISM	Low	High	File	PrepSet
Acenaphthene-d10-ISTD	623252	CCV	6.177	6.177	6.117	6.237	126043733	623252
Acenaphthene-d10-ISTD	623252	CCV	6.182	6.177	6.117	6.237	126043757	623252
Phenanthrene-d10-ISTD	623252	CCV	7.368	7.368	7.308	7.428	126043733	623252
Phenanthrene-d10-ISTD	623252	CCV	7.374	7.368	7.308	7.428	126043757	623252
Acenaphthene-d10-ISTD	1105610	Blank	6.177	6.177	6.117	6.237	126043734	1105610
Acenaphthene-d10-ISTD	1105610	LCS	6.177	6.177	6.117	6.237	126043735	1105610
Acenaphthene-d10-ISTD	1105610	LCS Dup	6.177	6.177	6.117	6.237	126043736	1105610
Phenanthrene-d10-ISTD	1105610	Blank	7.362	7.368	7.308	7.428	126043734	1105610
Phenanthrene-d10-ISTD	1105610	LCS	7.368	7.368	7.308	7.428	126043735	1105610
Phenanthrene-d10-ISTD	1105610	LCS Dup	7.362	7.368	7.308	7.428	126043736	1105610
Acenaphthene-d10-ISTD	2274222	Unknown	6.177	6.177	6.117	6.237	126043747	1105610
Phenanthrene-d10-ISTD	2274222	Unknown	7.362	7.368	7.308	7.428	126043747	1105610

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LCS Dup

Parameter	PrepSet	LCS	LCSD	Known	Limits%	LCS%	LCSD%	Units	RPD	Limit%
Nonylphenol	1105610	154	147	150	56.0 - 112	103	98.0	ug/L	4.98	30.0

Surrogate

Parameter	Sample	Type	Reading	Known	Units	Recover%	Limits%	File
4-Nonylphenol-SURR	623252	CCV	24900	25000	ug/L	99.6	50.0 - 130	126043733
4-Nonylphenol-SURR	623252	CCV	22600	25000	ug/L	90.4	50.0 - 130	126043757
4-Nonylphenol-SURR	1105610	Blank	24400	25000	ug/L	97.6	50.0 - 130	126043734
4-Nonylphenol-SURR	1105610	LCS	22200	25000	ug/L	88.8	50.0 - 130	126043735
4-Nonylphenol-SURR	1105610	LCS Dup	24200	25000	ug/L	96.8	50.0 - 130	126043736
4-Nonylphenol-SURR	2274222	Unknown	22.3	25.4	ug/L	87.8	50.0 - 130	126043747

Analytical Set 1106707 — EPA 608.3

Blank

Parameter	PrepSet	Reading	MDL	MQL	Units	File
PCB-1016	1105706	ND	0.202	0.202	ug/L	126044294
PCB-1221	1105706	ND	0.143	0.200	ug/L	126044294
PCB-1232	1105706	ND	0.143	0.200	ug/L	126044294
PCB-1242	1105706	ND	0.192	0.200	ug/L	126044294
PCB-1248	1105706	ND	0.143	0.200	ug/L	126044294
PCB-1254	1105706	ND	0.143	0.200	ug/L	126044294
PCB-1260	1105706	ND	0.161	0.200	ug/L	126044294
PCB-1262	1105706	ND	0.198	0.200	ug/L	126044294
PCB-1268	1105706	ND	0.143	0.200	ug/L	126044294

CCV

Parameter	Reading	Known	Units	Recover%	Limits%		File
PCB-1016	934	1000	ug/L	93.4	80.0 - 115		126044274
PCB-1016	834	1000	ug/L	83.4	80.0 - 115		126044286
PCB-1016	883	1000	ug/L	88.3	80.0 - 115		126044289
PCB-1016	897	1000	ug/L	89.7	80.0 - 115		126044292
PCB-1016	876	1000	ug/L	87.6	80.0 - 115		126044293
PCB-1016	939	1000	ug/L	93.9	80.0 - 115		126044298
PCB-1016	960	1000	ug/L	96.0	80.0 - 115		126044301
PCB-1260	888	1000	ug/L	88.8	80.0 - 115		126044274
PCB-1260	766	1000	ug/L	76.6	80.0 - 115	*	126044286
PCB-1260	765	1000	ug/L	76.5	80.0 - 115	*	126044289
PCB-1260	772	1000	ug/L	77.2	80.0 - 115	*	126044292
PCB-1260	798	1000	ug/L	79.8	80.0 - 115	*	126044293
PCB-1260	778	1000	ug/L	77.8	80.0 - 115	*	126044298
PCB-1260	813	1000	ug/L	81.3	80.0 - 115		126044301

LCS Dup

Parameter	PrepSet	LCS	LCSD	Known	Limits%	LCS%	LCSD%	Units	RPD	Limit%
PCB-1016	1105706	592	623	1000	39.8 - 135	59.2	62.3	ug/L	5.10	30.0
PCB-1260	1105706	557	585	1000	36.1 - 134	55.7	58.5	ug/L	4.90	30.0

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Surrogate

Parameter	Sample	Type	Reading	Known	Units	Recover%	Limits%	File
Decachlorobiphenyl	1105706	Blank	49.2	100	ug/L	49.2	10.0 - 200	126044294
Tetrachloro-m-Xylene (Surr)	1105706	Blank	53.3	100	ug/L	53.3	10.0 - 200	126044294
Decachlorobiphenyl	2274222	Unknown	0.0649	0.0999	ug/L	65.0	10.0 - 200	126044297
Tetrachloro-m-Xylene (Surr)	2274222	Unknown	0.0427	0.0999	ug/L	42.7	10.0 - 200	126044297

Analytical Set 1106752 — EPA 608.3

Blank

Parameter	PrepSet	Reading	MDL	MQL	Units	File
4,4-DDD	1105704	ND	0.731	1.00	ug/L	126044905
4,4-DDE	1105704	ND	0.361	1.00	ug/L	126044905
4,4-DDT	1105704	ND	0.862	1.00	ug/L	126044905
Aldrin	1105704	ND	0.260	1.00	ug/L	126044905
Alpha-BHC(hexachlorocyclohexane)	1105704	ND	0.280	1.00	ug/L	126044905
alpha-Chlordane	1105704	ND	0.615	1.00	ug/L	126044905
Beta-BHC(hexachlorocyclohexane)	1105704	ND	0.579	1.00	ug/L	126044905
Delta-BHC(hexachlorocyclohexane)	1105704	ND	0.898	1.00	ug/L	126044905
Dieldrin	1105704	ND	0.162	1.00	ug/L	126044905
Endosulfan I (alpha)	1105704	ND	0.679	1.00	ug/L	126044905
Endosulfan II (beta)	1105704	ND	0.356	1.00	ug/L	126044905
Endosulfan sulfate	1105704	ND	0.588	1.00	ug/L	126044905
Endrin	1105704	ND	0.538	1.00	ug/L	126044905
Endrin aldehyde	1105704	ND	0.699	1.00	ug/L	126044905
Gamma-BHC(Lindane)	1105704	ND	0.385	1.00	ug/L	126044905
gamma-Chlordane	1105704	ND	0.415	1.00	ug/L	126044905
Heptachlor	1105704	ND	0.207	1.00	ug/L	126044905
Heptachlor epoxide	1105704	ND	0.660	1.00	ug/L	126044905
Kelthane (Dicofol)	1105704	ND	0.0208	0.100	ug/L	126044905
Methoxychlor	1105704	ND	0.898	1.00	ug/L	126044905
Mirex	1105704	ND	0.00889	0.015	ug/L	126044905
Toxaphene	1105704	ND	0.169	0.200	ug/L	126044905

CCV

Parameter	Reading	Known	Units	Recover%	Limits%	File
4,4-DDD	49.9	50.0	ug/L	99.8	75.0 - 125	126044901
4,4-DDD	53.4	50.0	ug/L	107	75.0 - 125	126044902
4,4-DDD	56.1	50.0	ug/L	112	75.0 - 125	126044903
4,4-DDD	50.1	50.0	ug/L	100	75.0 - 125	126044916
4,4-DDE	46.7	50.0	ug/L	93.4	75.0 - 125	126044901
4,4-DDE	45.6	50.0	ug/L	91.2	75.0 - 125	126044902
4,4-DDE	47.6	50.0	ug/L	95.2	75.0 - 125	126044903
4,4-DDE	45.1	50.0	ug/L	90.2	75.0 - 125	126044916
4,4-DDT	50.3	50.0	ug/L	101	75.0 - 125	126044901
4,4-DDT	44.9	50.0	ug/L	89.8	75.0 - 125	126044902
4,4-DDT	51.7	50.0	ug/L	103	75.0 - 125	126044903
4,4-DDT	46.4	50.0	ug/L	92.8	75.0 - 125	126044916

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Parameter	Reading	Known	Units	Recover%	Limits%	File
Aldrin	46.4	50.0	ug/L	92.8	75.0 - 125	126044901
Aldrin	48.3	50.0	ug/L	96.6	75.0 - 125	126044902
Aldrin	49.5	50.0	ug/L	99.0	75.0 - 125	126044903
Aldrin	47.8	50.0	ug/L	95.6	75.0 - 125	126044916
Alpha-BHC(hexachlorocyclohexane)	47.4	50.0	ug/L	94.8	75.0 - 125	126044901
Alpha-BHC(hexachlorocyclohexane)	51.6	50.0	ug/L	103	75.0 - 125	126044902
Alpha-BHC(hexachlorocyclohexane)	52.1	50.0	ug/L	104	75.0 - 125	126044903
Alpha-BHC(hexachlorocyclohexane)	50.6	50.0	ug/L	101	75.0 - 125	126044916
alpha-Chlordane	47.2	50.0	ug/L	94.4	75.0 - 125	126044901
alpha-Chlordane	49.3	50.0	ug/L	98.6	75.0 - 125	126044902
alpha-Chlordane	50.6	50.0	ug/L	101	75.0 - 125	126044903
alpha-Chlordane	47.4	50.0	ug/L	94.8	75.0 - 125	126044916
Beta-BHC(hexachlorocyclohexane)	48.4	50.0	ug/L	96.8	75.0 - 125	126044901
Beta-BHC(hexachlorocyclohexane)	53.1	50.0	ug/L	106	75.0 - 125	126044902
Beta-BHC(hexachlorocyclohexane)	54.3	50.0	ug/L	109	75.0 - 125	126044903
Beta-BHC(hexachlorocyclohexane)	52.4	50.0	ug/L	105	75.0 - 125	126044916
Delta-BHC(hexachlorocyclohexane)	50.7	50.0	ug/L	101	75.0 - 125	126044901
Delta-BHC(hexachlorocyclohexane)	55.7	50.0	ug/L	111	75.0 - 125	126044902
Delta-BHC(hexachlorocyclohexane)	58.4	50.0	ug/L	117	75.0 - 125	126044903
Delta-BHC(hexachlorocyclohexane)	53.9	50.0	ug/L	108	75.0 - 125	126044916
Dieldrin	46.8	50.0	ug/L	93.6	75.0 - 125	126044901
Dieldrin	50.2	50.0	ug/L	100	75.0 - 125	126044902
Dieldrin	52.7	50.0	ug/L	105	75.0 - 125	126044903
Dieldrin	49.3	50.0	ug/L	98.6	75.0 - 125	126044916
Endosulfan I (alpha)	46.1	50.0	ug/L	92.2	75.0 - 125	126044901
Endosulfan I (alpha)	49.6	50.0	ug/L	99.2	75.0 - 125	126044902
Endosulfan I (alpha)	51.8	50.0	ug/L	104	75.0 - 125	126044903
Endosulfan I (alpha)	49.1	50.0	ug/L	98.2	75.0 - 125	126044916
Endosulfan II (beta)	47.3	50.0	ug/L	94.6	75.0 - 125	126044901
Endosulfan II (beta)	49.6	50.0	ug/L	99.2	75.0 - 125	126044902
Endosulfan II (beta)	53.0	50.0	ug/L	106	75.0 - 125	126044903
Endosulfan II (beta)	47.3	50.0	ug/L	94.6	75.0 - 125	126044916
Endosulfan sulfate	48.0	50.0	ug/L	96.0	75.0 - 125	126044901
Endosulfan sulfate	55.5	50.0	ug/L	111	75.0 - 125	126044902
Endosulfan sulfate	61.9	50.0	ug/L	124	75.0 - 125	126044903
Endosulfan sulfate	53.5	50.0	ug/L	107	75.0 - 125	126044916
Endrin	47.6	50.0	ug/L	95.2	75.0 - 125	126044901
Endrin	51.2	50.0	ug/L	102	75.0 - 125	126044902
Endrin	54.0	50.0	ug/L	108	75.0 - 125	126044903
Endrin	48.6	50.0	ug/L	97.2	75.0 - 125	126044916
Endrin aldehyde	50.1	50.0	ug/L	100	75.0 - 125	126044901
Endrin aldehyde	50.7	50.0	ug/L	101	75.0 - 125	126044902
Endrin aldehyde	55.4	50.0	ug/L	111	75.0 - 125	126044903
Endrin aldehyde	49.7	50.0	ug/L	99.4	75.0 - 125	126044916
Gamma-BHC(Lindane)	47.4	50.0	ug/L	94.8	75.0 - 125	126044901

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Parameter	Reading	Known	Units	Recover%	Limits%	File
Gamma-BHC(Lindane)	51.0	50.0	ug/L	102	75.0 - 125	126044902
Gamma-BHC(Lindane)	54.1	50.0	ug/L	108	75.0 - 125	126044903
Gamma-BHC(Lindane)	50.4	50.0	ug/L	101	75.0 - 125	126044916
gamma-Chlordane	46.6	50.0	ug/L	93.2	75.0 - 125	126044901
gamma-Chlordane	50.3	50.0	ug/L	101	75.0 - 125	126044902
gamma-Chlordane	52.3	50.0	ug/L	105	75.0 - 125	126044903
gamma-Chlordane	49.8	50.0	ug/L	99.6	75.0 - 125	126044916
Heptachlor	45.5	50.0	ug/L	91.0	75.0 - 125	126044901
Heptachlor	47.1	50.0	ug/L	94.2	75.0 - 125	126044902
Heptachlor	50.6	50.0	ug/L	101	75.0 - 125	126044903
Heptachlor	47.1	50.0	ug/L	94.2	75.0 - 125	126044916
Heptachlor epoxide	44.3	50.0	ug/L	88.6	75.0 - 125	126044901
Heptachlor epoxide	48.4	50.0	ug/L	96.8	75.0 - 125	126044902
Heptachlor epoxide	50.8	50.0	ug/L	102	75.0 - 125	126044903
Heptachlor epoxide	47.7	50.0	ug/L	95.4	75.0 - 125	126044916
Kelthane (Dicofol)	101	100	ug/L	101	75.0 - 125	126044901
Kelthane (Dicofol)	76.4	100	ug/L	76.4	75.0 - 125	126044902
Kelthane (Dicofol)	86.1	100	ug/L	86.1	75.0 - 125	126044903
Kelthane (Dicofol)	77.8	100	ug/L	77.8	75.0 - 125	126044916
Methoxychlor	52.5	50.0	ug/L	105	75.0 - 125	126044901
Methoxychlor	52.1	50.0	ug/L	104	75.0 - 125	126044902
Methoxychlor	58.8	50.0	ug/L	118	75.0 - 125	126044903
Methoxychlor	49.0	50.0	ug/L	98.0	75.0 - 125	126044916
Mirex	44.0	50.0	ug/L	88.0	75.0 - 125	126044901
Mirex	45.9	50.0	ug/L	91.8	75.0 - 125	126044902
Mirex	47.6	50.0	ug/L	95.2	75.0 - 125	126044903
Mirex	44.3	50.0	ug/L	88.6	75.0 - 125	126044916

LCS Dup

Parameter	PrepSet	LCS	LCSD	Known	Limits%	LCS%	LCSD%	Units	RPD	Limit%
4,4-DDD	1105704	62.0	63.4	100	31.0 - 141	62.0	63.4	ug/L	2.23	39.0
4,4-DDE	1105704	50.7	54.2	100	30.0 - 145	50.7	54.2	ug/L	6.67	35.0
4,4-DDT	1105704	55.4	54.6	100	25.0 - 160	55.4	54.6	ug/L	1.45	42.0
Aldrin	1105704	50.0	54.9	100	42.0 - 140	50.0	54.9	ug/L	9.34	35.0
Alpha-BHC(hexachlorocyclohexane)	1105704	56.9	59.7	100	37.0 - 140	56.9	59.7	ug/L	4.80	36.0
alpha-Chlordane	1105704	56.3	60.1	100	45.0 - 140	56.3	60.1	ug/L	6.53	35.0
Beta-BHC(hexachlorocyclohexane)	1105704	68.4	71.0	100	17.0 - 147	68.4	71.0	ug/L	3.73	44.0
Delta-BHC(hexachlorocyclohexane)	1105704	66.7	69.8	100	19.0 - 140	66.7	69.8	ug/L	4.54	52.0
Dieldrin	1105704	57.9	61.3	100	36.0 - 146	57.9	61.3	ug/L	5.70	49.0
Endosulfan I (alpha)	1105704	55.3	58.4	100	45.0 - 153	55.3	58.4	ug/L	5.45	28.0
Endosulfan II (beta)	1105704	59.0	60.4	100	0.100 - 202	59.0	60.4	ug/L	2.35	53.0
Endosulfan sulfate	1105704	62.8	62.8	100	26.0 - 144	62.8	62.8	ug/L	0	38.0
Endrin	1105704	58.7	61.2	100	30.0 - 147	58.7	61.2	ug/L	4.17	48.0
Endrin aldehyde	1105704	64.7	65.3	100	37.6 - 158	64.7	65.3	ug/L	0.923	30.0
Gamma-BHC(Lindane)	1105704	60.9	63.2	100	32.0 - 140	60.9	63.2	ug/L	3.71	39.0

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Eastex Environmental Lab
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Project 1092369

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LCS Dup

Parameter	PrepSet	LCS	LCSD	Known	Limits%	LCS%	LCSD%	Units	RPD	Limit%
gamma-Chlordane	1105704	56.5	60.7	100	45.0 - 140	56.5	60.7	ug/L	7.17	35.0
Heptachlor	1105704	48.8	54.3	100	34.0 - 140	48.8	54.3	ug/L	10.7	43.0
Heptachlor epoxide	1105704	57.1	60.2	100	37.0 - 142	57.1	60.2	ug/L	5.29	26.0
Kelthane (Dicofol)	1105704	0.559	0.501	1.00	70.0 - 130	55.9 *	50.1 *	ug/L	10.9	30.0
Methoxychlor	1105704	58.2	55.7	100	33.1 - 137	58.2	55.7	ug/L	4.39	30.0
Mirex	1105704	0.574	0.588	1.00	70.0 - 130	57.4 *	58.8 *	ug/L	2.41	30.0

Surrogate

Parameter	Sample	Type	Reading	Known	Units	Recover%	Limits%	File
Decachlorobiphenyl	621878	CCV	46.3	100	ug/L	46.3	0.100 - 144	126044901
Decachlorobiphenyl	621878	CCV	41.4	100	ug/L	41.4	0.100 - 144	126044902
Decachlorobiphenyl	621878	CCV	45.5	100	ug/L	45.5	0.100 - 144	126044903
Decachlorobiphenyl	621878	CCV	41.2	100	ug/L	41.2	0.100 - 144	126044916
Tetrachloro-m-Xylene (Surr)	621878	CCV	44.1	100	ug/L	44.1	0.100 - 107	126044901
Tetrachloro-m-Xylene (Surr)	621878	CCV	43.3	100	ug/L	43.3	0.100 - 107	126044902
Tetrachloro-m-Xylene (Surr)	621878	CCV	42.6	100	ug/L	42.6	0.100 - 107	126044903
Tetrachloro-m-Xylene (Surr)	621878	CCV	43.0	100	ug/L	43.0	0.100 - 107	126044916
Decachlorobiphenyl	1105704	Blank	49.2	100	ug/L	49.2	0.100 - 144	126044905
Decachlorobiphenyl	1105704	LCS	57.6	100	ug/L	57.6	0.100 - 144	126044906
Decachlorobiphenyl	1105704	LCS Dup	58.2	100	ug/L	58.2	0.100 - 144	126044907
Tetrachloro-m-Xylene (Surr)	1105704	Blank	53.3	100	ug/L	53.3	0.100 - 107	126044905
Tetrachloro-m-Xylene (Surr)	1105704	LCS	47.7	100	ug/L	47.7	0.100 - 107	126044906
Tetrachloro-m-Xylene (Surr)	1105704	LCS Dup	52.4	100	ug/L	52.4	0.100 - 107	126044907
Decachlorobiphenyl	2274222	Unknown	0.0649	0.0999	ug/L	65.0	0.100 - 144	126044908
Tetrachloro-m-Xylene (Surr)	2274222	Unknown	0.0427	0.0999	ug/L	42.7	0.100 - 107	126044908

Analytical Set 1107547 — EPA 622

Blank

Parameter	PrepSet	Reading	MDL	MQL	Units	File
Chlorpyrifos	1105705	ND	0.0904	50.0	ug/L	126060895

CCV

Parameter	Reading	Known	Units	Recover%	Limits%	File
Chlorpyrifos	1010	1000	ug/L	101	48.0 - 150	126060894
Chlorpyrifos	1320	1000	ug/L	132	48.0 - 150	126060900

LCS Dup

Parameter	PrepSet	LCS	LCSD	Known	Limits%	LCS%	LCSD%	Units	RPD	Limit%
Chlorpyrifos	1105705	850	628	1000	0.100 - 128	85.0	62.8	ug/L	30.0	30.0

Surrogate

Parameter	Sample	Type	Reading	Known	Units	Recover%	Limits%	File
Tributylphosphate		CCV	1020	1000	ug/L	102	0.100 - 115	126060894
Tributylphosphate		CCV	1120	1000	ug/L	112	0.100 - 115	126060900
Triphenylphosphate		CCV	1010	1000	ug/L	101	0.100 - 115	126060894
Triphenylphosphate		CCV	1180	1000	ug/L	118 *	0.100 - 115	126060900

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Surrogate

Parameter	Sample	Type	Reading	Known	Units	Recover%	Limits%	File
Tributylphosphate	1105705	Blank	553	1000	ug/L	55.3	0.100 - 115	126060895
Tributylphosphate	1105705	LCS	791	1000	ug/L	79.1	0.100 - 115	126060896
Tributylphosphate	1105705	LCS Dup	597	1000	ug/L	59.7	0.100 - 115	126060897
Triphenylphosphate	1105705	Blank	578	1000	ug/L	57.8	0.100 - 115	126060895
Triphenylphosphate	1105705	LCS	800	1000	ug/L	80.0	0.100 - 115	126060896
Triphenylphosphate	1105705	LCS Dup	618	1000	ug/L	61.8	0.100 - 115	126060897

Analytical Set 1107553 — EPA 614

Blank

Parameter	PrepSet	Reading	MDL	MQL	Units	File
Azinphos-methyl (Guthion)	1105705	ND	41.4	50.0	ug/L	126060947
Demeton	1105705	ND	31.9	50.0	ug/L	126060947
Diazinon	1105705	ND	19.7	50.0	ug/L	126060947
Malathion	1105705	ND	24.8	50.0	ug/L	126060947
Parathion, ethyl	1105705	ND	23.9	50.0	ug/L	126060947
Parathion, methyl	1105705	ND	27.4	50.0	ug/L	126060947

CCV

Parameter	Reading	Known	Units	Recover%	Limits%	File
Azinphos-methyl (Guthion)	1020	1000	ug/L	102	37.5 - 164	126060946
Azinphos-methyl (Guthion)	1110	1000	ug/L	111	37.5 - 164	126060952
Demeton	938	1000	ug/L	93.8	58.6 - 150	126060946
Demeton	1090	1000	ug/L	109	58.6 - 150	126060952
Diazinon	928	1000	ug/L	92.8	65.4 - 138	126060946
Diazinon	1070	1000	ug/L	107	65.4 - 138	126060952
Malathion	1010	1000	ug/L	101	49.5 - 160	126060946
Malathion	1160	1000	ug/L	116	49.5 - 160	126060952
Parathion, ethyl	1010	1000	ug/L	101	56.0 - 142	126060946
Parathion, ethyl	889	1000	ug/L	88.9	56.0 - 142	126060952
Parathion, methyl	1030	1000	ug/L	103	12.6 - 194	126060946
Parathion, methyl	784	1000	ug/L	78.4	12.6 - 194	126060952

LCS Dup

Parameter	PrepSet	LCS	LCSD	Known	Limits%	LCS%	LCSD%	Units	RPD	Limit%
Azinphos-methyl (Guthion)	1105705	975	704	1000	0.100 - 155	97.5	70.4	ug/L	32.3 *	30.0
Demeton	1105705	601	480	1000	0.100 - 109	60.1	48.0	ug/L	22.4	30.0
Diazinon	1105705	589	435	1000	0.100 - 125	58.9	43.5	ug/L	30.1 *	30.0
Malathion	1105705	1010	775	1000	0.100 - 130	101	77.5	ug/L	26.3	30.0
Parathion, ethyl	1105705	1050	797	1000	0.100 - 122	105	79.7	ug/L	27.4	30.0
Parathion, methyl	1105705	781	640	1000	0.100 - 131	78.1	64.0	ug/L	19.8	30.0

Surrogate

Parameter	Sample	Type	Reading	Known	Units	Recover%	Limits%	File
Tributylphosphate		CCV	1020	2000	ug/L	51.0	0.100 - 106	126060946
Tributylphosphate		CCV	1120	2000	ug/L	56.0	0.100 - 106	126060952
Triphenylphosphate		CCV	1010	2000	ug/L	50.5	0.100 - 172	126060946

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Surrogate

Parameter	Sample	Type	Reading	Known	Units	Recover%	Limits%	File
Triphenylphosphate		CCV	1180	2000	ug/L	59.0	0.100 - 172	126060952
Tributylphosphate	1105705	Blank	553	2000	ug/L	27.6	0.100 - 106	126060947
Tributylphosphate	1105705	LCS	791	2000	ug/L	39.6	0.100 - 106	126060948
Tributylphosphate	1105705	LCS Dup	597	2000	ug/L	29.8	0.100 - 106	126060949
Triphenylphosphate	1105705	Blank	578	2000	ug/L	28.9	0.100 - 172	126060947
Triphenylphosphate	1105705	LCS	800	2000	ug/L	40.0	0.100 - 172	126060948
Triphenylphosphate	1105705	LCS Dup	618	2000	ug/L	30.9	0.100 - 172	126060949
Tributylphosphate	2274222	Unknown	0.531	2.00	ug/L	26.6	0.100 - 106	126060950
Triphenylphosphate	2274222	Unknown	0.541	2.00	ug/L	27.0	0.100 - 172	126060950

Analytical Set 1107978 — EPA 625.1

Blank

Parameter	PrepSet	Reading	MDL	MQL	Units	File
1,2,4,5-Tetrachlorobenzene	1105392	ND	0.517	1.00	ug/L	126068612
1,2,4-Trichlorobenzene	1105392	ND	0.720	1.00	ug/L	126068612
1,2-Dichlorobenzene	1105392	ND	0.598	1.00	ug/L	126068612
1,2-DPH (as azobenzene)	1105392	ND	0.695	1.00	ug/L	126068612
1,3-Dichlorobenzene	1105392	ND	0.686	1.00	ug/L	126068612
1,4-Dichlorobenzene	1105392	ND	0.633	1.00	ug/L	126068612
2,4,5-Trichlorophenol	1105392	ND	0.734	1.00	ug/L	126068612
2,4,6-Trichlorophenol	1105392	ND	0.704	1.00	ug/L	126068612
2,4-Dichlorophenol	1105392	ND	0.567	1.00	ug/L	126068612
2,4-Dimethylphenol	1105392	ND	2.32	2.40	ug/L	126068612
2,4-Dinitrophenol	1105392	ND	8.07	9.00	ug/L	126068612
2,4-Dinitrotoluene	1105392	ND	3.35	3.50	ug/L	126068612
2,6-Dinitrotoluene	1105392	ND	0.675	1.00	ug/L	126068612
2-Chloronaphthalene	1105392	ND	0.333	1.00	ug/L	126068612
2-Chlorophenol	1105392	ND	0.367	1.00	ug/L	126068612
2-Methylphenol (o-Cresol)	1105392	ND	5.13	5.20	ug/L	126068612
2-Nitrophenol	1105392	ND	0.495	1.00	ug/L	126068612
3&4-Methylphenol (m&p-Cresol)	1105392	ND	6.15	6.20	ug/L	126068612
3,3'-Dichlorobenzidine	1105392	ND	4.79	5.00	ug/L	126068612
4,6-Dinitro-2-methylphenol	1105392	ND	7.88	8.00	ug/L	126068612
4-Bromophenyl phenyl ether	1105392	ND	0.311	1.00	ug/L	126068612
4-Chlorophenyl phenyl ethe	1105392	ND	0.281	1.00	ug/L	126068612
4-Nitrophenol	1105392	ND	0.932	1.00	ug/L	126068612
Acenaphthene	1105392	ND	0.139	1.00	ug/L	126068612
Acenaphthylene	1105392	ND	0.202	1.00	ug/L	126068612
Aniline	1105392	ND	0.367	1.00	ug/L	126068612
Anthracene	1105392	ND	0.538	1.00	ug/L	126068612
Benzidine	1105392	ND	19.9	20.0	ug/L	126068612
Benzo(a)anthracene	1105392	ND	0.627	1.00	ug/L	126068612
Benzo(a)pyrene	1105392	ND	0.478	1.00	ug/L	126068612
Benzo(b)fluoranthene	1105392	ND	0.517	1.00	ug/L	126068612

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Parameter	*PrepSet*	*Reading*	*MDL*	*MQL*	*Units*	*File*
Benzo(ghi)perylene	1105392	ND	0.750	1.00	ug/L	126068612
Benzo(k)fluoranthene	1105392	ND	0.763	1.00	ug/L	126068612
Benzyl Butyl phthalate	1105392	1.06	0.696	7.50	ug/L	126068612
Bis(2-chloroethoxy)methane	1105392	ND	0.312	1.00	ug/L	126068612
Bis(2-chloroethyl)ether	1105392	ND	0.434	1.00	ug/L	126068612
Bis(2-chloroisopropyl)ether	1105392	ND	0.448	1.00	ug/L	126068612
Bis(2-ethylhexyl)phthalate	1105392	ND	1.63	7.50	ug/L	126068612
Chrysene (Benzo(a)phenanthrene)	1105392	ND	0.575	1.00	ug/L	126068612
Dibenz(a,h)anthracene	1105392	ND	0.872	1.00	ug/L	126068612
Diethyl phthalate	1105392	ND	0.721	5.70	ug/L	126068612
Dimethyl phthalate	1105392	ND	0.497	4.80	ug/L	126068612
Di-n-butylphthalate	1105392	ND	0.834	7.50	ug/L	126068612
Di-n-octylphthalate	1105392	ND	0.782	1.00	ug/L	126068612
Fluoranthene(Benzo(j,k)fluorene)	1105392	ND	0.772	1.00	ug/L	126068612
Fluorene	1105392	ND	0.512	1.00	ug/L	126068612
Hexachlorobenzene	1105392	ND	0.187	1.00	ug/L	126068612
Hexachlorobutadiene	1105392	ND	0.618	1.00	ug/L	126068612
Hexachlorocyclopentadiene	1105392	ND	8.69	9.00	ug/L	126068612
Hexachloroethane	1105392	ND	0.789	1.00	ug/L	126068612
Indeno(1,2,3-cd)pyrene	1105392	ND	0.793	1.00	ug/L	126068612
Isophorone	1105392	ND	0.468	1.00	ug/L	126068612
Naphthalene	1105392	ND	0.387	1.00	ug/L	126068612
Nitrobenzene	1105392	ND	0.390	1.00	ug/L	126068612
n-Nitrosodiethylamine	1105392	ND	0.282	1.00	ug/L	126068612
N-Nitrosodimethylamine	1105392	ND	6.64	7.00	ug/L	126068612
n-Nitroso-di-n-butylamine	1105392	ND	0.403	1.00	ug/L	126068612
N-Nitrosodi-n-propylamine	1105392	ND	0.777	1.00	ug/L	126068612
N-Nitrosodiphenylamine (as DPA	1105392	ND	0.427	1.00	ug/L	126068612
p-Chloro-m-Cresol (4-Chloro-3-me	1105392	ND	2.35	2.40	ug/L	126068612
Pentachlorobenzene	1105392	ND	0.420	1.00	ug/L	126068612
Pentachlorophenol	1105392	ND	0.129	1.00	ug/L	126068612
Phenanthrene	1105392	ND	0.624	1.00	ug/L	126068612
Phenol	1105392	ND	1.50	1.50	ug/L	126068612
Pyrene	1105392	ND	0.587	1.00	ug/L	126068612
Pyridine	1105392	ND	5.33	5.40	ug/L	126068612

CCV

Parameter	*Reading*	*Known*	*Units*	*Recover%*	*Limits%*	*File*
1,2,4,5-Tetrachlorobenzene	52200	50000	ug/L	104	60.0 - 140	126068611
1,2,4-Trichlorobenzene	52100	50000	ug/L	104	61.0 - 130	126068611
1,2-Dichlorobenzene	54400	50000	ug/L	109	60.0 - 140	126068611
1,2-DPH (as azobenzene)	58300	50000	ug/L	117	60.0 - 140	126068611
1,3-Dichlorobenzene	55800	50000	ug/L	112	60.0 - 140	126068611
1,4-Dichlorobenzene	54300	50000	ug/L	109	60.0 - 140	126068611
2,4,5-Trichlorophenol	54100	50000	ug/L	108	69.0 - 130	126068611

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Parameter	Reading	Known	Units	Recover%	Limits%	File
2,4,6-Trichlorophenol	55800	50000	ug/L	112	69.0 - 130	126068611
2,4-Dichlorophenol	52900	50000	ug/L	106	64.0 - 130	126068611
2,4-Dimethylphenol	46500	50000	ug/L	93.0	58.0 - 130	126068611
2,4-Dinitrophenol	47400	50000	ug/L	94.8	39.0 - 173	126068611
2,4-Dinitrotoluene	55500	50000	ug/L	111	53.0 - 130	126068611
2,6-Dinitrotoluene	54000	50000	ug/L	108	68.0 - 137	126068611
2-Chloronaphthalene	50000	50000	ug/L	100	70.0 - 130	126068611
2-Chlorophenol	54900	50000	ug/L	110	55.0 - 130	126068611
2-Methylphenol (o-Cresol)	50700	50000	ug/L	101	60.0 - 140	126068611
2-Nitrophenol	52800	50000	ug/L	106	61.0 - 163	126068611
3&4-Methylphenol (m&p-Cresol)	54300	50000	ug/L	109	60.0 - 140	126068611
3,3'-Dichlorobenzidine	57200	50000	ug/L	114	18.0 - 213	126068611
4,6-Dinitro-2-methylphenol	51900	50000	ug/L	104	56.0 - 130	126068611
4-Bromophenyl phenyl ether	62200	50000	ug/L	124	70.0 - 130	126068611
4-Chlorophenyl phenyl ethe	55300	50000	ug/L	111	57.0 - 145	126068611
4-Nitrophenol	46600	50000	ug/L	93.2	35.0 - 135	126068611
Acenaphthene	56700	50000	ug/L	113	70.0 - 130	126068611
Acenaphthylene	58800	50000	ug/L	118	60.0 - 130	126068611
Aniline	51700	50000	ug/L	103	60.0 - 140	126068611
Anthracene	60100	50000	ug/L	120	58.0 - 130	126068611
Benzidine	38500	50000	ug/L	77.0	20.0 - 180	126068611
Benzo(a)anthracene	53500	50000	ug/L	107	42.0 - 133	126068611
Benzo(a)pyrene	57000	50000	ug/L	114	32.0 - 148	126068611
Benzo(b)fluoranthene	56100	50000	ug/L	112	42.0 - 140	126068611
Benzo(ghi)perylene	57100	50000	ug/L	114	13.0 - 195	126068611
Benzo(k)fluoranthene	57900	50000	ug/L	116	25.0 - 146	126068611
Benzyl Butyl phthalate	53800	50000	ug/L	108	43.0 - 140	126068611
Bis(2-chloroethoxy)methane	52300	50000	ug/L	105	52.0 - 164	126068611
Bis(2-chloroethyl)ether	52400	50000	ug/L	105	52.0 - 130	126068611
Bis(2-chloroisopropyl)ether	52100	50000	ug/L	104	63.0 - 139	126068611
Bis(2-ethylhexyl)phthalate	60700	50000	ug/L	121	43.0 - 137	126068611
Chrysene (Benzo(a)phenanthrene)	59900	50000	ug/L	120	44.0 - 140	126068611
Dibenz(a,h)anthracene	57600	50000	ug/L	115	13.0 - 200	126068611
Diethyl phthalate	52000	50000	ug/L	104	47.0 - 130	126068611
Dimethyl phthalate	52700	50000	ug/L	105	50.0 - 130	126068611
Di-n-butylphthalate	51400	50000	ug/L	103	52.0 - 130	126068611
Di-n-octylphthalate	59500	50000	ug/L	119	21.0 - 132	126068611
Fluoranthene(Benzo(j,k)fluorene)	53200	50000	ug/L	106	47.0 - 130	126068611
Fluorene	58000	50000	ug/L	116	70.0 - 130	126068611
Hexachlorobenzene	59700	50000	ug/L	119	38.0 - 142	126068611
Hexachlorobutadiene	51000	50000	ug/L	102	68.0 - 130	126068611
Hexachlorocyclopentadiene	53000	50000	ug/L	106	60.0 - 140	126068611
Hexachloroethane	53400	50000	ug/L	107	55.0 - 130	126068611
Indeno(1,2,3-cd)pyrene	57300	50000	ug/L	115	13.0 - 151	126068611
Isophorone	57800	50000	ug/L	116	52.0 - 180	126068611

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Parameter	Reading	Known	Units	Recover%	Limits%	File
Naphthalene	55200	50000	ug/L	110	70.0 - 130	126068611
Nitrobenzene	54800	50000	ug/L	110	54.0 - 158	126068611
n-Nitrosodiethylamine	54200	50000	ug/L	108	60.0 - 140	126068611
N-Nitrosodimethylamine	53100	50000	ug/L	106	60.0 - 140	126068611
n-Nitroso-di-n-butylamine	51200	50000	ug/L	102	60.0 - 140	126068611
N-Nitrosodi-n-propylamine	58100	50000	ug/L	116	59.0 - 170	126068611
N-Nitrosodiphenylamine (as DPA	52900	50000	ug/L	106	60.0 - 140	126068611
p-Chloro-m-Cresol (4-Chloro-3-me	53000	50000	ug/L	106	68.0 - 130	126068611
Pentachlorobenzene	49900	50000	ug/L	99.8	60.0 - 140	126068611
Pentachlorophenol	53200	50000	ug/L	106	42.0 - 152	126068611
Phenanthrene	58300	50000	ug/L	117	67.0 - 130	126068611
Phenol	55200	50000	ug/L	110	48.0 - 130	126068611
Pyrene	55600	50000	ug/L	111	70.0 - 130	126068611
Pyridine	49100	50000	ug/L	98.2	60.0 - 140	126068611

DFTPP

Parameter		RefMass	Reading	%	Limits%	File
DFTPP Mass 127	623138	198	30179	52.4	40.0 - 60.0	126068609
DFTPP Mass 197	623138	198	18	0.0	0 - 1.00	126068609
DFTPP Mass 198	623138	198	57545	100.0	100 - 100	126068609
DFTPP Mass 199	623138	198	3917	6.8	5.00 - 9.00	126068609
DFTPP Mass 275	623138	198	15963	27.7	10.0 - 30.0	126068609
DFTPP Mass 365	623138	198	2698	4.7	1.00 - 100	126068609
DFTPP Mass 441	623138	443	2651	32.9	0 - 100	126068609
DFTPP Mass 442	623138	198	42420	73.7	40.0 - 100	126068609
DFTPP Mass 443	623138	442	8056	19.0	17.0 - 23.0	126068609
DFTPP Mass 51	623138	198	18512	32.2	30.0 - 60.0	126068609
DFTPP Mass 68	623138	69.0	3	0.0	0 - 2.00	126068609
DFTPP Mass 69	623138	198	29974	52.1	0 - 100	126068609
DFTPP Mass 70	623138	69.0	34	0.1	0 - 2.00	126068609

LCS Dup

Parameter	PrepSet	LCS	LCSD	Known	Limits%	LCS%	LCSD%	Units	RPD	Limit%
1,2,4,5-Tetrachlorobenzene	1105392	18.7	17.5	25.0	27.5 - 85.5	74.8	70.0	ug/L	6.63	50.0
1,2,4-Trichlorobenzene	1105392	14.5	15.9	25.0	44.0 - 142	58.0	63.6	ug/L	9.21	50.0
1,2-Dichlorobenzene	1105392	17.1	15.6	25.0	23.0 - 81.8	68.4	62.4	ug/L	9.17	50.0
1,2-DPH (as azobenzene)	1105392	23.4	22.4	25.0	12.6 - 110	93.6	89.6	ug/L	4.37	50.0
1,3-Dichlorobenzene	1105392	15.1	14.7	25.0	21.1 - 80.5	60.4	58.8	ug/L	2.68	50.0
1,4-Dichlorobenzene	1105392	15.2	15.7	25.0	21.4 - 76.9	60.8	62.8	ug/L	3.24	50.0
2,4,5-Trichlorophenol	1105392	21.5	20.4	25.0	51.3 - 109	86.0	81.6	ug/L	5.25	50.0
2,4,6-Trichlorophenol	1105392	22.2	20.6	25.0	37.0 - 144	88.8	82.4	ug/L	7.48	58.0
2,4-Dichlorophenol	1105392	18.8	19.9	25.0	39.0 - 135	75.2	79.6	ug/L	5.68	50.0
2,4-Dimethylphenol	1105392	2.23	1.60	25.0	23.0 - 120	8.92 *	6.40 *	ug/L	32.9	68.0
2,4-Dinitrophenol	1105392	18.7	18.0	25.0	0.100 - 191	74.8	72.0	ug/L	3.81	132
2,4-Dinitrotoluene	1105392	20.6	22.1	25.0	39.0 - 139	82.4	88.4	ug/L	7.03	42.0

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Eastex Environmental Lab
Mark Bourgeois
PO Box 1089
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Coldspring, TX 77331

Project 1092369

Printed 03/11/2024

LCS Dup

Parameter	PrepSet	LCS	LCSD	Known	Limits%	LCS%	LCSD%	Units	RPD	Limit%
2,6-Dinitrotoluene	1105392	21.3	20.6	25.0	50.0 - 158	85.2	82.4	ug/L	3.34	48.0
2-Chloronaphthalene	1105392	21.1	20.4	25.0	60.0 - 120	84.4	81.6	ug/L	3.37	24.0
2-Chlorophenol	1105392	18.2	17.2	25.0	23.0 - 134	72.8	68.8	ug/L	5.65	61.0
2-Methylphenol (o-Cresol)	1105392	14.2	12.8	25.0	38.9 - 76.1	56.8	51.2	ug/L	10.4	50.0
2-Nitrophenol	1105392	18.9	22.1	25.0	29.0 - 182	75.6	88.4	ug/L	15.6	55.0
3&4-Methylphenol (m&p-Cresol)	1105392	11.8	10.5	25.0	33.0 - 70.4	47.2	42.0	ug/L	11.7	50.0
3,3'-Dichlorobenzidine	1105392	20.7	19.2	25.0	0.100 - 262	82.8	76.8	ug/L	7.52	108
4,6-Dinitro-2-methylphenol	1105392	21.6	16.7	25.0	0.100 - 181	86.4	66.8	ug/L	25.6	203
4-Bromophenyl phenyl ether	1105392	20.8	20.0	25.0	53.0 - 127	83.2	80.0	ug/L	3.92	43.0
4-Chlorophenyl phenyl ethe	1105392	18.7	18.6	25.0	25.0 - 158	74.8	74.4	ug/L	0.536	61.0
4-Nitrophenol	1105392	8.16	10.3	25.0	0.100 - 132	32.6	41.2	ug/L	23.3	131
Acenaphthene	1105392	20.0	19.3	25.0	47.0 - 145	80.0	77.2	ug/L	3.56	48.0
Acenaphthylene	1105392	21.5	20.8	25.0	33.0 - 145	86.0	83.2	ug/L	3.31	74.0
Aniline	1105392	16.9	15.3	25.0	70.0 - 130	67.6 *	61.2 *	ug/L	9.94	50.0
Anthracene	1105392	20.8	20.0	25.0	27.0 - 133	83.2	80.0	ug/L	3.92	66.0
Benzidine	1105392	1.61	0.360	25.0	0.100 - 36.9	6.44	1.44	ug/L	127 *	90.0
Benzo(a)anthracene	1105392	21.6	20.1	25.0	33.0 - 143	86.4	80.4	ug/L	7.19	53.0
Benzo(a)pyrene	1105392	21.4	20.7	25.0	17.0 - 163	85.6	82.8	ug/L	3.33	72.0
Benzo(b)fluoranthene	1105392	21.3	21.0	25.0	24.0 - 159	85.2	84.0	ug/L	1.42	71.0
Benzo(ghi)perylene	1105392	24.2	24.4	25.0	0.100 - 219	96.8	97.6	ug/L	0.823	97.0
Benzo(k)fluoranthene	1105392	22.3	20.0	25.0	11.0 - 162	89.2	80.0	ug/L	10.9	63.0
Benzyl Butyl phthalate	1105392	23.3	20.0	25.0	0.100 - 152	93.2	80.0	ug/L	15.2	60.0
Bis(2-chloroethoxy)methane	1105392	18.7	19.4	25.0	33.0 - 184	74.8	77.6	ug/L	3.67	54.0
Bis(2-chloroethyl)ether	1105392	20.5	17.5	25.0	12.0 - 158	82.0	70.0	ug/L	15.8	108
Bis(2-chloroisopropyl)ether	1105392	17.0	17.2	25.0	36.0 - 166	68.0	68.8	ug/L	1.17	76.0
Bis(2-ethylhexyl)phthalate	1105392	31.4	25.5	25.0	8.00 - 158	126	102	ug/L	21.1	82.0
Chrysene (Benzo(a)phenanthrene)	1105392	23.1	21.5	25.0	17.0 - 168	92.4	86.0	ug/L	7.17	87.0
Dibenz(a,h)anthracene	1105392	23.4	21.4	25.0	0.100 - 227	93.6	85.6	ug/L	8.93	126
Diethyl phthalate	1105392	20.8	22.0	25.0	0.100 - 120	83.2	88.0	ug/L	5.61	100
Dimethyl phthalate	1105392	23.0	21.3	25.0	0.100 - 120	92.0	85.2	ug/L	7.67	183
Di-n-butylphthalate	1105392	21.4	20.3	25.0	1.00 - 120	85.6	81.2	ug/L	5.28	47.0
Di-n-octylphthalate	1105392	23.8	22.8	25.0	4.00 - 146	95.2	91.2	ug/L	4.29	69.0
Fluoranthene(Benzo(j,k)fluorene)	1105392	20.9	20.1	25.0	26.0 - 137	83.6	80.4	ug/L	3.90	66.0
Fluorene	1105392	19.8	19.5	25.0	59.0 - 121	79.2	78.0	ug/L	1.53	38.0
Hexachlorobenzene	1105392	21.7	20.1	25.0	0.100 - 152	86.8	80.4	ug/L	7.66	55.0
Hexachlorobutadiene	1105392	12.8	15.3	25.0	24.0 - 120	51.2	61.2	ug/L	17.8	62.0
Hexachlorocyclopentadiene	1105392	10.9	10.5	25.0	3.97 - 68.7	43.6	42.0	ug/L	3.74	50.0
Hexachloroethane	1105392	14.1	14.5	25.0	40.0 - 120	56.4	58.0	ug/L	2.80	52.0
Indeno(1,2,3-cd)pyrene	1105392	22.9	20.6	25.0	0.100 - 171	91.6	82.4	ug/L	10.6	99.0
Isophorone	1105392	18.7	21.3	25.0	21.0 - 196	74.8	85.2	ug/L	13.0	93.0
Naphthalene	1105392	17.1	18.3	25.0	21.0 - 133	68.4	73.2	ug/L	6.78	65.0
Nitrobenzene	1105392	19.7	22.4	25.0	35.0 - 180	78.8	89.6	ug/L	12.8	62.0
n-Nitrosodiethylamine	1105392	20.7	18.9	25.0	18.0 - 100	82.8	75.6	ug/L	9.09	50.0
N-Nitrosodimethylamine	1105392	10.7	10.3	25.0	30.2 - 74.9	42.8	41.2	ug/L	3.81	50.0
n-Nitroso-di-n-butylamine	1105392	18.5	23.1	25.0	48.4 - 98.5	74.0	92.4	ug/L	22.1	50.0

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Project 1092369

Printed 03/11/2024

LCS Dup

Parameter	PrepSet	LCS	LCSD	Known	Limits%	LCS%	LCSD%	Units	RPD	Limit%
N-Nitrosodi-n-propylamine	1105392	19.5	19.0	25.0	0.100 - 230	78.0	76.0	ug/L	2.60	87.0
N-Nitrosodiphenylamine (as DPA	1105392	22.6	19.7	25.0	49.3 - 94.2	90.4	78.8	ug/L	13.7	50.0
p-Chloro-m-Cresol (4-Chloro-3-me	1105392	18.3	19.2	25.0	22.0 - 147	73.2	76.8	ug/L	4.80	70.0
Pentachlorobenzene	1105392	19.6	19.3	25.0	39.3 - 93.7	78.4	77.2	ug/L	1.54	50.0
Pentachlorophenol	1105392	19.2	19.0	25.0	14.0 - 176	76.8	76.0	ug/L	1.05	86.0
Phenanthrene	1105392	21.5	20.1	25.0	54.0 - 120	86.0	80.4	ug/L	6.73	39.0
Phenol	1105392	8.20	7.02	25.0	5.00 - 120	32.8	28.1	ug/L	15.4	64.0
Pyrene	1105392	25.3	20.9	25.0	52.0 - 120	101	83.6	ug/L	18.9	49.0
Pyridine	1105392	10.3	9.06	25.0	11.2 - 50.6	41.2	36.2	ug/L	12.9	50.0

Surrogate

Parameter	Sample	Type	Reading	Known	Units	Recover%	Limits%	File
2,4,6-Tribromophenol	623306	CCV	45800	100000	ug/L	45.8	10.0 - 150	126068611
2-Fluorophenol-SURR	623306	CCV	52700	100000	ug/L	52.7	10.0 - 150	126068611
4-Terphenyl-d14-SURR	623306	CCV	51800	50000	ug/L	104	30.0 - 150	126068611
Nitrobenzene-d5-SURR	623306	CCV	51400	50000	ug/L	103	30.0 - 150	126068611
Phenol-d6-SURR	623306	CCV	54500	100000	ug/L	54.5	10.0 - 150	126068611
2,4,6-Tribromophenol	1105392	Blank	45.6	100	ug/L	45.6	10.0 - 150	126068612
2,4,6-Tribromophenol	1105392	LCS	60.4	100	ug/L	60.4	10.0 - 150	126068613
2,4,6-Tribromophenol	1105392	LCS Dup	70.2	100	ug/L	70.2	10.0 - 150	126068614
2-Fluorophenol-SURR	1105392	Blank	31600	100000	ug/L	31.6	10.0 - 150	126068612
2-Fluorophenol-SURR	1105392	LCS	40800	100000	ug/L	40.8	10.0 - 150	126068613
2-Fluorophenol-SURR	1105392	LCS Dup	36600	100000	ug/L	36.6	10.0 - 150	126068614
4-Terphenyl-d14-SURR	1105392	Blank	33600	50000	ug/L	67.2	30.0 - 150	126068612
4-Terphenyl-d14-SURR	1105392	LCS	47300	50000	ug/L	94.6	30.0 - 150	126068613
4-Terphenyl-d14-SURR	1105392	LCS Dup	39100	50000	ug/L	78.2	30.0 - 150	126068614
Nitrobenzene-d5-SURR	1105392	Blank	29700	50000	ug/L	59.4	30.0 - 150	126068612
Nitrobenzene-d5-SURR	1105392	LCS	35200	50000	ug/L	70.4	30.0 - 150	126068613
Nitrobenzene-d5-SURR	1105392	LCS Dup	41700	50000	ug/L	83.4	30.0 - 150	126068614
Phenol-d6-SURR	1105392	Blank	21600	100000	ug/L	21.6	10.0 - 150	126068612
Phenol-d6-SURR	1105392	LCS	26800	100000	ug/L	26.8	10.0 - 150	126068613
Phenol-d6-SURR	1105392	LCS Dup	24000	100000	ug/L	24.0	10.0 - 150	126068614
2,4,6-Tribromophenol	2274222	Unknown	85.2	102	ug/L	83.5	10.0 - 150	126068615
2-Fluorophenol-SURR	2274222	Unknown	49.6	102	ug/L	48.6	10.0 - 150	126068615
4-Terphenyl-d14-SURR	2274222	Unknown	48.0	51.1	ug/L	93.9	30.0 - 150	126068615
Nitrobenzene-d5-SURR	2274222	Unknown	42.8	51.1	ug/L	83.8	30.0 - 150	126068615
Phenol-d6-SURR	2274222	Unknown	34.0	102	ug/L	33.3	10.0 - 150	126068615

Analytical Set 1108395

EPA 615

CCV

Parameter	Reading	Known	Units	Recover%	Limits%	File
2,4 Dichlorophenoxyacetic acid	148	150	ug/L	98.7	80.0 - 115	126077525
2,4 Dichlorophenoxyacetic acid	143	150	ug/L	95.6	80.0 - 115	126077534
2,4,5-TP (Silvex)	151	150	ug/L	101	80.0 - 115	126077525
2,4,5-TP (Silvex)	141	150	ug/L	94.1	80.0 - 115	126077534

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Coldspring, TX 77331

Project
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Surrogate

Parameter	*Sample*	*Type*	*Reading*	*Known*	*Units*	*Recover%*	*Limits%*	*File*
2,4-Dichlorophenylacetic Acid		**CCV**	**146**	**200**	**ug/L**	**73.0**	**0.100 - 313**	**126077525**
2,4-Dichlorophenylacetic Acid		**CCV**	**136**	**200**	**ug/L**	**68.0**	**0.100 - 313**	**126077534**
2,4-Dichlorophenylacetic Acid	**2274222**	**Unknown**	**1.12**	**2.01**	**ug/L**	**55.7**	**0.100 - 313**	**126077533**

* 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); MSD - Matrix Spike Duplicate (replicate of the matrix spike; same solution and amount of target analyte added to the MS is added to a third aliquot of sample; quantifies matrix bias and precision.); LCS Dup - Laboratory Control Sample Duplicate (replicate LCS; analyzed when there is insufficient sample for duplicate or MSD; quantifies accuracy and precision.); BFB - Bromofluorobenzene, GC/MS Tuning Compound (mass intensity used as tuning acceptance criteria.); Surrogate - Surrogate (mimics the analyte of interest but is unlikely to be found in environmental samples; added to analytical samples for QC purposes. **ANSI/ASQC E4 1994 Ref #4 TRADE QA Resources Guide.); IS Areas - Internal Standard Area (The area of the internal stadard relative to a check standard. Internal Standard is a known concentration of an analyte(s) that is not a sample component or standard that is added to the sample and standard and is used to measure the relative responses of other analytes in the same sample or standard.); IS RetTime - Internal Standard Retention Time (the time the internal standard comes off the column. Internal Stardard is a known concentration of an analyte(s) that is not a sample component or standard that is added to the sample and standard and is used to measure the relative responses of other analytes in the same sample or standard.); CCV - Continuing Calibration Verification (same standard used to prepare the curve; typically a mid-range concentration; verifies the continued validity of the calibration curve); ICV - Initial Calibration Verification; AWRL/LOQ C - Ambient Water Reporting Limit/LOQ Check Std; DFTPP - GC/MS Tuning Compound

EASTEX ENVIRONMENTAL LABS INC.

SUBCONTRACT ORDER

Sending Laboratory:

Eastex Environmental Laboratory - Coldspring
PO Box 1089
Coldspring, TX 77331

Phone: 936-653-3249
eastexlab@eastex.net
Project Manager: Daniel Bowen
dbowen@eastexlabs.com

Subcontracted Laboratory:

Ana Lab/SPL Inc
PO BOX 3275
Kilgore, TX 75663

Phone: (903) 984-0551
Fax:

PO 021624A

Requested Turnaround 6 Days

Sample ID: CNP Long Permit Renewal Effluent PR Long **Sample No: C4B4384-01** ***Water*** **Sampled: 02/15/2024 09:40**

Semi-Volatiles-Permit (625.1) 2274222
Pesticides-Permit 608.3 ✓ 236
Pesticides Mirex,Dicofol 608.3
PCB-Permit 608.3 2301
Organophosphorus Pesticides ✓
Nonylphenol ✓
Mercury LL Blank
Mercury LL ✓
Carbaryl/Diuron EPA 632 ✓
Acidic Herbicides-Permit

Containers Supplied: 13

Special Instructions:

Sample ID: CNP Long Permit Renewal Effluent PR Long Grab **Sample No: C4B4384-02** ***Water*** **Sampled: 02/15/2024 09:40**

Volatiles 624.1-Permit
Cyanide, Total

Containers Supplied: 7

Special Instructions:

☑ **See Attached**

Received Iced Y/N Temp:

CNP Utility District 2/19/24 0800

Released By	Date & Time	Received By	Date & Time
[signature]	2/16/24 1010	[signature] Misty Owens	2/16/24 1010

BY MW Misty Owens Totex 2/19/24 0800

McLean from Totex 2/20/24 1035

1092369 CoC Print Group 001 of 001

ORIGIN ID:NQIA (903) 984-0551
SPL KATY
SPL KATY
2030 WEST GRAND PARKWAY N

KATY, TX 77449
UNITED STATES US

SHIP DATE: 19FEB24
ACTWGT: 65.00 LB
CAD: 5912604/INET4700
DIMS: 25x14x14 IN

BILL SENDER

TO LOGIN - SAMPLES
ANA-LAB - SPL CORP
2600 DUDLEY RD

KILGORE TX 75662
(903) 984-0551 REF: MENO
INV:
PO: DEPT:

583J6/194B/AE3

FedEx. Express

E

TUE - 20 FEB 5:00P
STANDARD OVERNIGHT

2 of 3
MPS# 0283 7752 3386 7728
Mstr# 7752 3386 6787 0201

75662
AH GGGA TX-US SHV

Date: 2/20 Time: 1045 Tech: KE
Temp: 0.3/0.3 C
Therm#: 7242 Corr Fact: 0.0 C

EASTEX ENVIRONMENTAL LABORATORY, INC.

P.O. Box 1089 * Coldspring, TX 77331 (936) 653-3249 * (800) 525-0508
P.O. Box 631375 * Nacogdoches, TX 75963-1375 (936) 569-8879 * FAX (936) 569-8951
www.eastexlabs.com

White Copy-Follows Samples
Yellow Copy-Laboratory
Pink Copy-Client Copy

REPORT TO:

Company: MDS
Address:
Attn: On file
Phone#:
Email:
P.O. #:
Sampler's Name (print): Constance Guidry
Sampler's Signature:
Project Name: GWP PR

INVOICE TO:

Company:
Address: SAME
Attn:
Phone#:

Remarks:

INSTRUCTIONS:

C or G: C= Composite G= Grab
Matrix: DW=Drinking Water WW=Wastewater SO=Soil/Sludge OT= Other
Container Size: 1=Gallon 2=1/2 Gallon 3=Quart/Liter 4=500mL 5=250mL 6=125mL (4oz) 7=60mL (2 oz) 8= 40mL Vial 9=Other
Type: P= Plastic G= Glass T= Teflon S= Sterile
Preservatives: C=Chilled S=Sulfuric Acid N=Nitric Acid B=Base/Caustic Z= Zn Acetate ST=Sodium Thiosulfate H=HCL O= Other

Work Order ID	Sample ID	Date	Time	Matrix	Field Data: C or G	DO	pH	Cl2	Flow	Temp	Containers: #	Size	Type	Pres	ANALYSIS REQUESTED: CBOD, TSS, TDS, Alk, Cond, Cl, NO3N, SO4	NH3N, TKN, O+G, Phenol, TP	EColi	VOC-624.1	CN	Metals	Chrom VI, NO3N, F	SVOC-625.1, Pest Lab 3, PCB, Mirex	DP-1657, Carb/Diuron, Herbicide	NDMA/Phenol
CUB4384	EFF	2/15/24	852	WW	G	7.5	7.5	Ø		21	5	3/5	P	C	/									
		2/15/24	852	WW	G						5	3/5	P/G	HNO3/ST		/								
		2/15/24	11:12	WW	G						1	16	S	ST			/							
		2/15/24	852	WW	G						6	8	G	C/H				/						
		2/15/24	852	WW	G						1	4	P	Zinch					/					
		2/15/24	940	WW	C						1	4	P	HNO3						/				
		2/15/24	940	WW	C						2	3/4	P	C							/			
		2/15/24	940	WW	C						10	3	G	C								/	/	
		2/15/24	940	WW	C						1	3	G	C/S										/

Relinquished By: Received By: Date Time
Relinquished By: Received By: Date Time
Relinquished By: Received By and/or Checked In By: Date 2/15/24 Time

Received Iced: YES / NO
Received Iced: YES / NO
Received Iced: YES / NO

LAB USE ONLY

Sample Condition Acceptable: YES / NO
Alternate Check In: Date Time

Temp °C	*Therm ID	Logged In By:	Date	Time
3-8	J	CT	2-15-24	1543

*Thermometer has 0.0 factor and recorded temperature is actual temperature

EASTEX ENVIRONMENTAL LABORATORY, INC.

P.O. Box 1089 * Coldspring, TX 77331 (936) 653-3249 * (800) 525-0508
P.O. Box 631375 * Nacogdoches, TX 75963-1375 (936) 569-8879 * FAX (936) 569-8951
www.eastexlabs.com

White Copy-Follows Samples
Yellow Copy-Laboratory
Pink Copy-Client Copy

REPORT TO:

Company: MDS
Address:
Attn: OK file
Phone#:
Email:
P.O. #:
Sampler's Name (print): Constance Guidry
Sampler's Signature:
Project Name: CNP PR

INVOICE TO:

Company:
Address: SAME
Attn:
Phone#:

Remarks: #1-4 combined toget LL Hg sample

INSTRUCTIONS:

C or G: C= Composite G= Grab
Matrix: DW=Drinking Water WW=Wastewater SO=Soil/Sludge OT= Other
Container Size: 1=Gallon 2=1/2 Gallon 3=Quart/Liter 4=500mL 5=250mL 6=125mL (4oz) 7=60mL (2 oz) 8= 40mL Vial 9=Other
Type: P= Plastic G= Glass T= Teflon S= Sterile
Preservatives: C=Chilled S=Sulfuric Acid N=Nitric Acid B=Base/Caustic Z= Zn Acetate ST=Sodium Thiosulfate H=HCL O= Other

Work Order ID	Sample ID	Date	Time	Matrix	Field Data: C or G	DO	pH	Cl2	Flow	Temp	Containers: #	Size	Type	Pres	ANALYSIS REQUESTED: LL Hg	LL Hg Blank
C4B4384	Eff #1	2/15/24	910	WW	G				1.02		1	4	G	c/H	/	
	Eff #2	2/15/24	1110	WW	G				1.08		1	4	G	c/H	/	
	Eff #3	2/15/24	1320	WW	G				1.33		1	4	G	c/H	/	
	Eff #4	2/16/24	847	WW	G				1.02		1	4	G	c/H	/	
	LL Hg	2/16/24	900	WW	C						1	4	G	c/H	/	
	Blank	2/16/24	900	WW	G						1	4	G	c/H		/

Relinquished By: Received By: Date Time — Received Iced: YES / NO
Relinquished By: Received By: Date Time — Received Iced: YES / NO
Relinquished By: Received By and/or Checked in By: Date 2/16/24 Time 1407 — Received Iced: YES / NO

LAB USE ONLY Sample Condition Acceptable: YES / NO
Alternate Check In: Date Time

Temp °C	*Therm ID	Logged In By:	Date	Time
3.8	15	CT	2.15.24	1543

*Thermometer has 0.0 factor and recorded temperature is actual temperature

Domestic Wastewater Permit Renewal
CNP Utility District
TPDES Permit No. WQ0011239-001
NPDES Permit No. TX 0055166
A&S Project No. 135008.04

EXHIBIT 10

SEWAGE SLUDGE MANAGEMENT AND DISPOSAL
(Ref. TR 9)

A&S Engineers, Inc.

10377 Stella Link Road, Houston, TX 77025
Ph: 713-942-2700 Fax: 713-942-2799
Texas Engineering Registration No. F-000802

TRINITY
Wastewater Solutions
PO Box 11173 • Spring, Texas 77391

July 9, 2020

Susan Young
Municipal District Services
406 West Grand Parkway South, #260
Katy, TX 77494

Dear Susan:

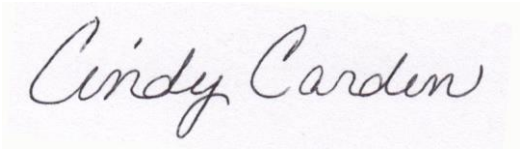
Sludge from the CNP UD WWTP will be dewatered by Trinity Wastewater Solutions and transported to a TCEQ approved landfill for disposal. Trinity will transport the material via trucks to the New Earth Inc. Landfill (TDH permit #42041). The landfill address is 6205 FM 2855, Katy, TX 77493 and it is located in Harris County.

Trinity Wastewater Solutions' transporter number is 24738. The material transported will be approximately 15-18% solid.

As an alternative, liquid sludge (approx. 2%) may be transported to FB MUD 25 for disposal. I have included our agreement with the District.

If you have any questions or need any additional information, please feel free to contact me at (281) 541-2222.

Sincerely,



Cindy Carden
President

SLUDGE DISPOSAL AGREEMENT

This **SLUDGE DISPOSAL AGREEMENT** (this "Agreement") is made and entered into by and between **FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 25, OF FORT BEND COUNTY, TEXAS** (the "District"), a governmental agency and body politic and corporate of the State of Texas, and **TRINITY WASTEWATER SOLUTIONS COMPANY** (the "Company" or "Customer"), a limited liability corporation authorized to do business in the State of Texas.

RECITALS

1. The District is a conservation and reclamation district created pursuant to the provisions of Article XVI, Section 59 of the Texas Constitution, and is duly authorized and empowered to contract with public and private entities regarding the disposal of wastes of municipal origin.

2. As part of its activities in the field of waste disposal, the District owns and operates two (2) waste treatment facilities (the "Treatment Facilities"), one located on Old Richmond Road with a Sugar Land, Texas, address and one located on FM 1464 with a Richmond, Texas, address.

3. The Company is engaged in the business of providing municipal waste sludge disposal and/or is engaged in the business of retrieving and transporting sewage from municipalities in and around the City of Houston, Texas, to a disposal site ("Company Business Activities"). The Company is in need of and desires to obtain a dependable source for the disposal and treatment of sludge it recovers while performing Company Business Activities.

4. The Treatment Facilities has capacity to treat the sewage recovered from collection of wastewater/sludge treatment plant sludge from wastewater/sludge treatment plants serviced by

the Company. Such sludge shall hereinafter collectively be referred to as "Company's wastewater/sludge."

5. The District has a facility suitable for the receipt and temporary storage of the Company's wastewater/sludge ("Receiving Station") and for treatment and disposal of same.

AGREEMENT

For and in consideration of the foregoing recitals and the mutual promises, covenants, obligations, and benefits hereinafter set forth, the District and the Company hereby agree as follows:

ARTICLE I
RECEIVING STATION

1.01. Receiving Station. The District has constructed a Receiving Station within the vicinity of the Treatment Facilities, with a maximum storage capacity of 126,000 gallons available to the Company. The Receiving Station consists of a concrete storage area, aeration type mixers, a disposal tank and other auxiliary facilities necessary to isolate and analyze the Company's wastewater/sludge prior to discharge into the Treatment Facilities for treatment and disposal.

1.02. Testing. At any time during the term of this Agreement, a representative of the operator of the Treatment Facilities (the "Operator") has the right to take a sample of the Company's wastewater/sludge prior to discharging same into the Receiving Station and conduct a Toxicity Characteristic Leaching Procedure ("TCLP") test, the scope of which shall be determined by the District in its discretion. If the test results from such sample reveal that the contents of the truck are untreatable or unacceptable to the District, the Company shall be responsible for removing all of Company's wastewater/sludge contained in the disposal tank at the Receiving Station, at the Company's sole cost and expense.

The Customer also agrees that the District may perform a TCLP test in the event either a) the pH of any individual sample is outside the normal range of 5 to 9, or b) the District suspects, in its sole discretion, that any load may contain contaminants that may impact the District's facilities. The Customer also agrees to perform a TCLP test in the event either a) the pH of any individual sample is outside the normal range of 5 to 9, or b) the District suspects, in its sole discretion, that any load may contain contaminants that may impact the District's facilities.

The Company shall bear all costs associated with a TCLP test and any other testing required by the District during the term of this Agreement.

ARTICLE II
ACCEPTANCE OF WASTE

2.01. Regular Days and Hours of Acceptance. During the term of this Agreement, provided the Company complies with the terms and provisions hereof, the District will accept at the Receiving Station all of the Company's wastewater/sludge picked up or accumulated from its facilities and/or holding tank operations up to 126,000 gallons per week. The District will accept such wastewater/sludge between the hours of 8:00 a.m. and 5:00 p.m., Monday through Friday, except on District holidays.

2.04. Capacity Limitations on Acceptance. The District shall not be obligated hereunder to accept the Company's wastewater/sludge at the Receiving Station if a) storage capacity at the Receiving Station has been reached, or b) the District determines, in its sole discretion, that its centrifuge cannot treat or process the Company's wastewater/sludge.

ARTICLE III
PERMITS

3.01. Permits to be Obtained by the District. The Company acknowledges that the District's obligation to accept the Company's wastewater/sludge for treatment under this

Agreement is conditioned upon the District's ability to obtain and maintain all permits required for the acceptance and treatment of such wastewater/sludge. The District is currently operating the Treatment Facilities and the Receiving Station under the authority of TPDES Permit No. 12003-001 and hereby agrees to use its best efforts to maintain all permits as may be necessary for the acceptance and treatment of the Company's wastewater/sludge as provided herein.

3.02. Permits to be Obtained by Company. The Company agrees that all trucks owned or operated by it shall be properly licensed and permitted and have displayed thereon all necessary decals and placards as may be required by any federal, state or local governmental agency. In addition, each such truck which disposes the Company's wastewater/sludge into the Receiving Station shall have displayed thereon a decal or other form of identification identifying same as a Company vehicle, or the driver of such vehicle shall carry and produce, upon request, written documentation that the wastewater/sludge delivered to the Receiving Station is being hauled and disposed of on behalf of the Company.

ARTICLE IV
TREATMENT AND DISPOSAL CHARGES

4.01. Fees and Charges. In consideration of the District's acceptance, treatment and disposal of the Company's wastewater/sludge as provided herein, the Company agrees to pay to the District, at the time and in the manner provided herein, the fees and charges set forth in Section 4.02 below.

4.02. Disposal Charge. The Company agrees to pay a monthly charge to the District based upon the total number of gallons of Company's wastewater/sludge delivered to the Receiving Station (the "Disposal Rate"). The Disposal Rate per gallon of wastewater/sludge delivered by the Company is $0.022. The Disposal Rate includes all outside testing costs incurred by the District in connection with the disposal of Company's wastewater/sludge, except

as provided in Section 1.02. The District may adjust the Disposal Rate annually in accordance with Section 4.03.

4.03. Right to Modify Rates. The District shall have the right to modify the Disposal Rate set forth in Section 4.02 and the testing charges to reflect changes in actual costs to the District to provide services hereunder.

4.04 Billing Cycle. The District shall submit invoices for payment to the Company on or before the 15th day of each month for amounts due for Company's wastewater/sludge delivered during the preceding month. Payments shall be due and payable on or before the 30th day after the date of the invoice. Payments not received by the District at its offices on or before the 30th day after the date of the invoice shall incur an additional charge for administrative costs equal to five percent (5%) of the unpaid amount. In the event the District has not received payment at its offices by the 15th day of the month next following such billing, it will discontinue services to the Company at the Receiving Station. The right of the District to discontinue such services shall be in addition to any other remedy to which the District may be entitled.

ARTICLE V
CONDITIONS FOR RECEIPT OF COMPANY'S WASTEWATER/SLUDGE

5.01. The Company agrees that the obligation of the District to receive the Company's wastewater/sludge at the Receiving Station shall be subject to the following conditions and limitations:

(a) The Company shall transport to the Receiving Station, and the District shall accept, only Company's wastewater/sludge which the Company has recovered from Company Business Activities. Such wastewater/sludge shall contain only liquid, semi-liquid or semi-solid sanitary wastes and shall not include grease trap wastes, industrial wastes or nondecomposable material.

(b) Drivers of each of the Company's trucks shall follow the procedural steps outlined in **Exhibit "A"**, attached hereto, as same may be amended from time to time by the District, concerning sign-in, discharge, sampling and cleanup operations and procedures.

(c) The Company acknowledges that before Company's wastewater/sludge is deposited into the Receiving Station, the drivers of the Company's trucks shall deposit a sample with a manifest attached into the refrigerator located at the Treatment Facilities. If the test results from such sample reveal that the contents of the truck are untreatable or unacceptable to the District, the Company shall be responsible for removing all wastewater/sludge contained in the disposal tank at the Receiving Station, at the Company's sole cost and expense.

(d) For purposes of insuring proper treatment and disposal of Company's wastewater/sludge that is unacceptable, untreatable or not within the parameters allowed by this Agreement, the Company agrees that it shall, prior to the delivery of the Company's wastewater/sludge into the Receiving Station, file with the District a surety bond in the amount of $10,000, payable to the District, written by a corporate surety company authorized to do business in the State of Texas. Said bond shall be utilized by the District to guarantee reimbursement of any expenses it is forced to incur for treatment, off-site disposal or damages caused by the disposal of the Company's wastewater/sludge which is detrimental to the operation of the Receiving Station and/or the Treatment Facilities. In the event that such a contingency does occur, the District agrees that written notice shall be given to the Company prior to the use of said bond and that the Company shall be given the opportunity to examine all test results of the District indicating that Company's wastewater/sludge is not within the parameters allowed by this Agreement. The District agrees that said bond shall be used for no purpose other than as described in this Section.

(e) In the event that it is determined by the District that the Company is responsible for the delivery of wastewater/sludge that is untreatable, unacceptable or not within the parameters allowed by this Agreement, the Company agrees that it shall be liable for: 1) any expense of additional treatment required to make the Company's wastewater/sludge acceptable for treatment; 2) delivered sludge loads that have a consistency of more than 2.5% will be treated and billed as additional loads; 3) any damage to the Receiving Station and/or the Treatment Facilities caused by the Company's wastewater/sludge; and 3) any expense of ultimate disposal of Company's wastewater/sludge, including but not limited to, deep-well injection, incineration or other environmentally acceptable means.

The obligations under this Article shall survive the termination of this Agreement.

ARTICLE VI
TERM

6.01. Term and Termination. The term of this Agreement shall be for a period of one year, commencing on May 1, 2013 (the "Effective Date"), and ending on May 1, 2014, and shall continue thereafter on a yearly basis unless otherwise terminated pursuant to the provisions hereof.

At any time during the term of this Agreement, and upon the giving of thirty (30) days prior written notice to the District, the Company may elect to terminate this Agreement and upon the expiration of thirty (30) days from the date of the receipt of said written notice by the District, this Agreement shall terminate and all future obligations of the Company under this Agreement, except as provided in Article V, shall cease to exist.

It is further understood and agreed that, notwithstanding any other provision of this Agreement, the District shall have the unilateral right to terminate this Agreement upon the giving of thirty (30) days prior written notice to the Company.

ARTICLE VII
GOVERNING LAWS

7.01. This Agreement shall be governed by the laws of the State of Texas.

ARTICLE VIII
FORCE MAJEURE

8.01. Force Majeure. Except as otherwise provided herein, if any party is rendered unable, wholly or in part, by force majeure to carry out any of its obligations under this Agreement (other than the payment of money), then the obligations of such party, to the extent affected by such force majeure and to the extent that due diligence is being used to resume performance at the earliest practicable time, shall be suspended during the continuance of any inability so caused to the extent provided but for no longer period. As soon as reasonably possible after the occurrence of the force majeure relied upon, the party whose contractual obligations are affected thereby shall give notice and full particulars of such force majeure to all other parties. Such cause, as far as possible, shall be remedied with all reasonable diligence. The term "Force Majeure", as used herein, shall include without limitation of the generality thereof, acts of God, strikes, lockouts, or other industrial disturbances, acts of the public enemy, orders of any kind of government of the United States or the State of Texas or any civil or military authority, insurrections, riots, epidemics, landslides, lightning, earthquakes, fires, hurricanes, storms, floods, washouts, droughts, arrests, restraint of government and people, civil disturbances, explosions, breakage or accidents to machinery, or pipelines or canals, and any other limitations of any party, whether similar to those enumerated or otherwise. It is understood and agreed that the settlement of strikes and lockouts shall be entirely with the discretion of the party having difficulty, and that the above requirement that any force majeure shall be remedied

with all reasonable dispatch shall not require the settlement of strikes and lockouts by acceding to the demands of the opposing party or parties when settlement is unfavorable to it in the judgment of the party having the difficulty.

ARTICLE IX
NOTICE

9.01. All notices and communications under this Agreement shall be mailed by certified mail, return receipt requested or delivered to the District at the following address:

18230 Old Richmond Road
Sugar Land, Texas 77498

P.O. Box 2847
Sugar Land, Texas 77487-2847
Attn: General Manager

9.02. All notices and communications under this Agreement shall be mailed by certified mail, return receipt requested, or delivered to the Company at the following address:

P. O. Box 11173
Spring, Texas 77391-1173

ARTICLE X
WAIVER

10.01. Failure of either party hereto to insist in any one or more instances upon performance of any terms, covenants, or conditions of this Agreement shall not be construed as a waiver or relinquishment of future performances of any such term, covenant, or condition, and the obligation of the party in default with respect to future performance shall continue in full force and effect.

ARTICLE XI
ASSIGNMENT

11.01. This Agreement shall not be assigned by the Company without the express written consent of the District, which will not be unreasonably withheld. The District agrees that its

consent to the assignment of this Agreement will be given in the event the Company provides evidence to the District that the Company is being sold to an entity that will continue to engage in Company Business Activities and such entity executes an assignment, in the form prepared by the District, pursuant to which it agrees to be bound by the terms of this Agreement.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement in multiple copies, each of which shall be deemed to be an original, as of the Effective Date hereof.

FORT BEND COUNTY MUNICIPAL UTILITY NO. 25,
OF FORT BEND COUNTY, TEXAS

By: _____
Name: Brian LeBlanc
Title: Acting General Manager
Date: 11/22/13

TRINITY WASTEWATER SOLUTIONS COMPANY

By: _____
Name: CINDY CARDEN
Title: President
Date: 9-5-13

Domestic Wastewater Permit Renewal
CNP Utility District
TPDES Permit No. WQ0011239-001
NPDES Permit No. TX 0055166
A&S Project No. 135008.04

EXHIBIT 11

SITE PLAN
(Ref. TR 3)

A&S Engineers, Inc.

10377 Stella Link Road, Houston, TX 77025
Ph: 713-942-2700 Fax: 713-942-2799
Texas Engineering Registration No. F-000802

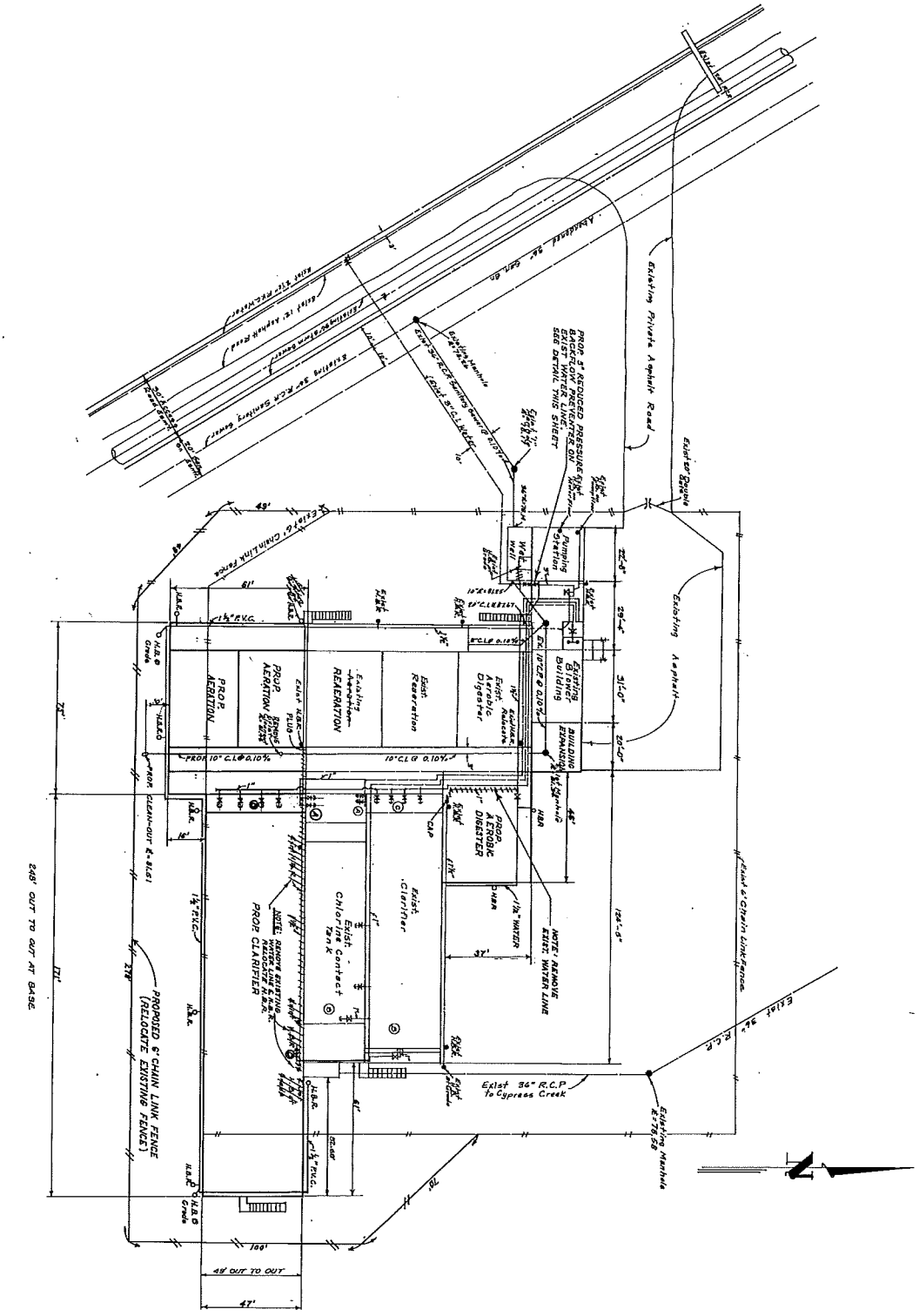


EXHIBIT 11

HARRIS COUNTY
CNP UTILITY DISTRICT
WASTEWATER TREATMENT PLANT

SITE PLAN

(Ref. TR 4)

PERMIT NO. WQ0011239001
NPDES PERMIT NO. TX0055516
HARRIS COUNTY
CNP UTILITY DISTRICT
PROJECT NO. 135008.02

A&S Engineers, Inc.
10377 Stella Link Road
Houston, TX 77025
713 / 942 / 2700
Texas Engineering Registration No. F-000802

JUNE 2020

FILE: H:\135008\135008.02\135008.02 SITE PLAN.dwg June 12, 2017 – 2:14 PM tkp

Domestic Wastewater Permit Renewal
CNP Utility District
TPDES Permit No. WQ0011239-001
NPDES Permit No. TX 0055166
A&S Project No. 135008.04

EXHIBIT 12

SERVICE AREA
(Ref. TR 3)

10377 Stella Link Road, Houston, TX 77025
Ph: 713-942-2700 Fax: 713-942-2799
Texas Engineering Registration No. F-000802

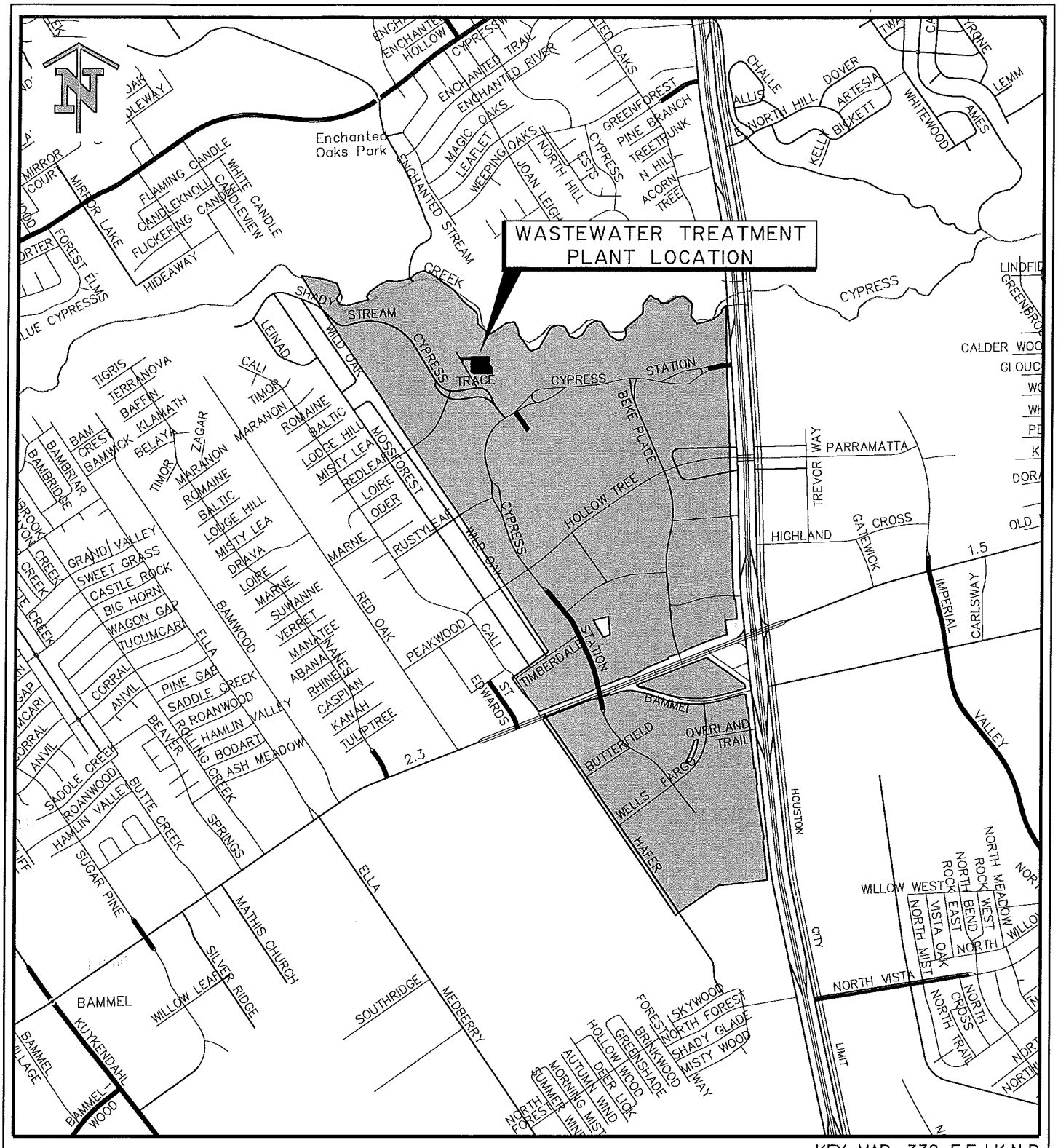


EXHIBIT 12

HARRIS COUNTY
CNP UTILITY DISTRICT
WASTEWATER TREATMENT PLANT

SERVICE AREA

(Ref. TR 4)

PERMIT NO. WQ0011239001
NPDES PERMIT NO. TX0055516
HARRIS COUNTY
CNP UTILITY DISTRICT
PROJECT NO. 135008.02

A&S Engineers, Inc.
10377 Stella Link Road
Houston, TX 77025
713 / 942 / 2700
Texas Engineering Registration No. F-000802

JUNE 2020

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Domestic Wastewater Permit Renewal
CNP Utility District
TPDES Permit No. WQ0011239-001
NPDES Permit No. TX 0055166
A&S Project No. 135008.04

EXHIBIT 13

RATE ORDER
(Ref. TR 3c)

10377 Stella Link Road, Houston, TX 77025
Ph: 713-942-2700 Fax: 713-942-2799
Texas Engineering Registration No. F-000802

CERTIFICATE FOR
RATE ORDER

I, the undersigned Secretary of the Board of Directors (the "Board") of CNP Utility District (the "District"), hereby certify as follows:

1. The Board convened in regular session, open to the public, on February 16, 2017, at 3700 Buffalo Speedway, Suite 830, Houston, Harris County, Texas, and the roll was called of the members of the Board, to-wit:

Candace Smith, President
Gregory M. Koch, Vice-President
Renee Granberry, Secretary
Keith Brown, Asst. Secretary
Ed Hudson, Director

All of the members of the Board were present, thus constituting a quorum. Whereupon, among other business, the following was transacted at such meeting: A written

RATE ORDER

was duly introduced for the consideration of the Board. It was then duly moved and seconded that such Order be adopted, and, after due discussion, such motion, carrying with it the adoption of such Order, prevailed and carried by the following vote:

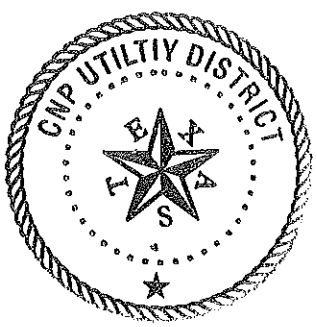
AYES: 5 NOES: 0

2. A true, full and correct copy of the aforesaid Order adopted at the meeting described in the above and foregoing paragraph is attached to said minutes and to this certificate; such Order has been duly recorded in the Board's minutes of such meeting; the above and foregoing paragraph is a true, full and correct copy excerpt from the Board's minutes of such meeting pertaining to the adoption of such Order; the persons named in the above and foregoing paragraph are the duly chosen, qualified and acting officers and members of the Board as indicated therein; each of the officers and members of the Board was duly and sufficiently notified officially and personally, in advance, of the time, place and purpose of such meeting, and that such Order would be introduced and considered for adoption at such meeting; and such meeting was open to the public, and public notice of the time, place and purpose of such meeting was given, as required by Chapter 551, Texas Government Code, as amended, and Section 49.063, Texas Water Code, as amended.

SIGNED AND SEALED this 16th day of February, 2017.

By: _____
Secretary,
Board of Directors

(SEAL)



CNP UTILITY DISTRICT

RATE ORDER

Dated: February 16, 2017

Effective: February 16, 2017

TABLE OF CONTENTS

RATE ORDER
("Order")

WHEREAS, CNP UTILITY DISTRICT (the "District") owns a water, sanitary sewer and storm sewer system designed to serve present and future inhabitants within the District; and

WHEREAS, it is necessary that fees, charges and conditions be ratified and established for providing service from the District's water and sanitary sewer system; and

WHEREAS, the Board of Directors has carefully considered the matter and is of the opinion that the following conditions should be established for service from and protection of the District's water, sanitary sewer and storm sewer system; Now, Therefore,

BE IT ORDERED BY THE BOARD OF DIRECTORS OF CNP UTILITY DISTRICT, THAT THE FOLLOWING ORDER IS HEREBY ADOPTED: Any Order, and amendments thereto, heretofore adopted by the Board establishing rates for water and sewer service and pertaining to related matters shall be revoked on February 16, 2017, the effective date of this Order.

Section 1. Definitions. For purposes of this Order, the following words or terms shall have the following meanings:

1.01. "Apartment(s)" shall mean dwelling structure(s) containing multiple dwelling units and shall include apartments, townhouses, condominiums and multiplexes.

1.02. "Commercial" shall mean and include any office building, hotel, retail store, clubhouse, warehouse, service station, or other establishment rendering a service or offering a product for sale to the public, and any establishment not generally considered a single-family residence.

1.03. "Commercial Waste" shall mean liquid carried sanitary sewage discharged from Commercial Customer Connections which is properly shredded and amenable to biological treatment and which may contain trace amounts of sand, grit, lubricants and other petroleum products commonly associated with Commercial establishments such as service stations and car wash facilities.

1.04. "Customer" shall mean the person, firm, corporation or other entity which receives District services for a Residential, Commercial, Apartment or other structure, whether the owner, renter, builder or lessee thereof. Inasmuch as this Order hereinafter makes it mandatory for each such structure to be connected to the District's System as soon as the District's System becomes operable, the term "Customer" shall mean and include the person, firm, corporation or other entity which requests District services for such structure at the time service becomes available to said structure.

1.05. "Customer Connection" shall mean each separately metered Residential, Apartment, Park and Recreational or Commercial facility that is physically connected to the District's System, whether occupied or not, and where appropriate, shall refer to the point of physical connection of such facility to the District's System.

1.06. "Customer Service Inspection Certification" shall mean the inspection and subsequent certification required to be provided to the District in the instances and in the manner set forth in this Order, and which shall be evidenced by the completion of a form in the form attached to this Order as Exhibit "A".

1.07. "Delinquent Bill" shall mean a bill for water and/or sanitary sewer service and/or other services, penalties and/or other charges of any nature hereunder imposed by the District, whether hereunder or pursuant to any Drought Contingency Plan or District order regulating waste, which has not been paid within twenty (20) days after the date of the bill.

1.08. "District's Engineer" shall mean the person, firm or corporation which the District has engaged to provide engineering services for the District.

1.09. "District's Operator" shall mean the person, firm, corporation, municipal corporation or political subdivision with which the District has contracted for operation and maintenance of the District's System.

1.10. "Domestic Waste" shall mean liquid carried sanitary sewage discharged from Residential Customer Connections (including Apartments) which is properly shredded and amenable to biological treatment, which is normally discharged from Residential food

preparation and bathroom facilities, and which has biological oxygen demand (5-day) and total suspended solids concentrations not exceeding 200 milligrams per liter.

1.11. "Drought Contingency Plan" shall mean any drought contingency or water conservation plan now in effect or hereafter adopted by the District.

1.12. "Fire Line" shall mean a water supply line installed or constructed for the sole purpose of providing water during a fire or other emergency.

1.13. "Health Hazard" shall mean a cross-connection, potential contamination hazard, or other situation involving any substance that could, in the opinion of the District, cause death, illness, or spread of disease, or which has a high probability of causing such effects if introduced into the District's potable drinking water supply.

1.14. "Industrial Waste" shall mean waste other than Commercial Waste and Domestic Waste.

1.15. "Nontaxable Entity", as used in reference to "initial connection to the System," shall mean the owner of any property within the District that is exempt from the payment of ad valorem taxes levied by the District.

1.16. "Park and Recreational" shall mean landscaping in esplanades and green spaces within public rights-of-way or easements dedicated to a public body or non-profit homeowners association, landscaping in recreational areas owned and/or operated by a public body or non-profit homeowners association, and recreational facilities owned and/or operated by a public body or non-profit homeowners association existing primarily for the use and enjoyment of property owners within the District.

1.17. "Residential" shall mean and include only single family residences and shall not include Apartments unless specifically stated herein to the contrary.

1.18. "System", as used herein, shall mean the water and/or sanitary sewer and/or storm sewer facilities of the District and all extensions and additions thereto, whether now in place or hereafter constructed.

Section 2. Initial Connections to the District's System ("Taps").

2.01. Requirement to Connect to the District's System. Each structure within the District requiring water and/or sanitary sewer services shall be physically connected to the District's System as soon as the District has made water and sanitary sewer services available to such structure. It is the policy of the District that all properties within the District shall be physically connected to both the sanitary sewer System and water System of the District. In the event that both water and sanitary sewer services are not available to a property at the time a Customer Connection is applied for, the Board of Directors, in its sole discretion, may permit connection to the water System or sanitary sewer System without requiring connection to both the District's water System and sanitary sewer System upon determination by the District that an acceptable alternative water source or wastewater treatment source is available to such property. If both water and sanitary sewer services do not become available at the same time, and if the District permits connection to the water System or sanitary sewer System without requiring connection to both, the water connection must be made at the time water service becomes available and the sanitary sewer connection must be made at the time sanitary sewer service becomes available.

2.02. Septic System and Private Water Supply Systems. The construction and operation of septic systems and private water supply systems within the District shall be prohibited, unless the prior written consent of the Board of Directors, on terms and conditions deemed acceptable to the Board of Directors in its discretion, is otherwise obtained and satisfactory arrangements are made with all regulatory agencies with jurisdiction over such matters.

2.03. Application for Water and Sanitary Sewer Connections. Each person desiring initial water and sanitary sewer service connections to the District's System shall notify the District's Operator and shall sign and complete an application for such service and pay such fees as established by this Order. The application form may be amended by the District from time to time, as deemed appropriate, without the necessity of an amendment to this Order. No

physical connection to the District's System shall be made until such application has been completed and such fees have been paid.

2.04. Tap Fees. The following fees shall be collected from the applicant by the District's Operator before physical connection is made to the District's System (which fees shall include the meter and meter box and installation thereof):

(a)	3/4" by 5/8" Residential connection	$500.00
(b)	Nonstandard Residential connection (other than 3/4" by 5/8" water tap), Commercial and Apartment connections	District's cost of installation and materials, plus 200% of such costs.
(c)	Nontaxable Entity connection	District's cost of installation and materials, plus $0.04 per square foot of land area, as reflected by the plat or other legal description of the tract to be served, provided that the total of all such amounts shall not be greater than the actual costs to the District for such work and for all facilities that are necessary to provide District services to the tract and that are financed or are to be financed in whole or in part by tax-supported bonds of the District.
(d)	Fire Line Connection	District's cost of installation and materials.
(e)	Park and Recreational connection	District's cost of installation and materials.

2.05. Policies Governing Initial Connections

(a) Certification. Subject to the provisions of Section 2.01 hereof, physical connection shall not be made to the District's System until the District's Engineer has certified that the System is operational. Continuous water service shall not be provided to any Customer until (i) an acceptable sanitary sewer connection (except as to water service only Customers) has been made; (ii) all inspections required pursuant to Section 2.06

hereof have been performed; (iii) any deficiencies or damages noted during said inspections have been corrected and/or paid for; and (iv) a properly completed Customer Service Inspection Certification has been provided to the District.

(b) Availability of Access. Upon application for Customer Connection, the applicant shall grant an easement of ingress and egress to and from the water meter for such installation, maintenance and repair as the District, in its judgment, may deem necessary. Physical connection will not be made when, in the opinion of District's Engineer or the District's Operator, the work area is obstructed by building materials and debris or the work area is not completed to finished grade. When sidewalks, driveways or other improvements have been constructed prior to application for Customer Connection, such application shall be construed and accepted as a waiver of any claim for damages to such improvements resulting from the reasonable actions of the District's Operator relative to the installation of the Customer's connection to the District's System.

(c) Property of District. All meters, fittings, boxes, valves and appurtenances installed shall remain the property of the District.

(d) Connections by District Operator. Physical connection to the District's water System shall be made by the District's Operator unless specified otherwise by the Board of Directors of the District. Physical connection to the District's sanitary sewer System shall be made in accordance with the District's Policy Governing Sewer House Lines and Sewer Connections and in accordance with Section 2.06 hereof. No person, other than the properly authorized agents of the District, shall be permitted to make any connection to the District's water System, except for emergency fire-fighting purposes, or make any repairs or additions to or alterations in any meter, box, tap, pipe, cock or other fixture or appurtenance connected with the water service, or any manhole, main, trunk or appurtenance of the District's sanitary sewer or storm sewer System except by the written permission of the Board of Directors of the District.

(e) Submission of Plans for Commercial and Apartment Customer Connections. Each applicant for a Commercial or Apartment Customer Connection shall, not less than thirty (30) days prior to the requested connection date, submit to the District's Engineer or other party designated by the Board of Directors of the District, the following information:

(1) Engineering drawings (three sets for District purposes) signed and sealed by a Registered Professional Engineer of the State of Texas indicating details of building water distribution facilities, materials to be used and the location, size and number of proposed connections to the District's System;

(2) The legal description of the land to be served by the District's System and a copy of the recorded plat of same; and

(3) A general description of the type of proposed Commercial establishment (including Apartments) and, if applicable, a description of the special measures taken in order to prevent any possible Industrial Waste and/or unauthorized Commercial Waste from entering the District's sanitary sewer System.

In recognition of the District's obligation to protect and maintain public health, the District's Engineer or other party designated by the Board of Directors of the District shall review the information presented and may approve or reject the application, request that further information be submitted prior to approval of the application, or require modifications to be made to the plans, including without limitation, requiring the installation of backflow preventors, grease traps, grinders, sampling wells, and/or pretreatment units as may be deemed necessary or appropriate for the protection of the District's System. The Customer shall be responsible for payment of all costs in connection with the review of said information. Customer shall be notified in writing as to the basis for rejection of its application. Failure to construct the facilities in accordance with approved drawings shall constitute a basis for denial of District services.

If the application information is not timely provided, the District shall not be held responsible for delays in the installation of water and sanitary sewer connections or the provision of District services. Payment of tap fees to the District's Operator prior to the approval of plans shall not be considered approval of said plans or approval for connection to the District's System. Any unauthorized physical connection to the District's System may be removed without notice at the expense of the person or firm causing such connection to be made.

(f) Builder Deposit. Upon first application for a Customer Connection, the applicant (whether property owner, builder or other) (the "Applicant") shall pay a security deposit in the amount of $1,000 (which deposit shall apply to all connections of such Applicant, whether one or more) (the "Builder Deposit"). The Builder Deposit is solely to secure the payment of costs to repair any District facilities damaged by the Applicant or other parties during the construction of the house, building or other improvement on the applicable property ("Builder Damages"). The applicant shall be held responsible for any Builder Damages and shall reimburse the District for all costs incurred in repairing the Builder Damages.

After inspection by the District's Operator, the District may utilize the Builder Deposit to pay for any repairs to the District facilities made necessary by the Applicant's construction activities. If the Builder Deposit is not sufficient to pay for such Builder Damages, the Applicant shall pay such outstanding balance due. No additional connections to the District's System shall be permitted relative to any Applicant who has outstanding Builder Damages. If Applicant is building more than one house, building or other improvement with the District, the Builder Deposit shall remain at $1,000 at all times, and if the District utilizes a portion or all of the Builder Deposit to repair Builder Damages, the Applicant shall pay to the District the amount(s) necessary to again have a $1,000 Builder Deposit.

The District shall refund the Builder Deposit upon completion of the last house, building or other improvement to be constructed within the District by the Applicant and final inspection by the District's Operator. No interest will be paid by the District on the Builder Deposit.

2.06. Inspections.

(a) Sanitary Sewer Inspections. A sanitary sewer inspection fee of $50.00 for Residential Customer Connections and $100.00 for Commercial, Nontaxable Entity and Apartment Customer Connections, payable at the time of application for connection to the District's System, shall be charged by the District for inspection of each sanitary sewer physical connection and service line. A fee of $35.00 shall be charged by the District for each grease trap, sampling well or pretreatment unit installation inspection, which installation inspection fee shall be in addition to the monthly fee set forth in Section 3.05 hereof. Sanitary sewer connections and service lines shall be inspected for strict compliance with the District's "Rules and Regulations Governing Sewer House Lines and Sewer Connections." Customer shall notify the District's Operator prior to any such connection being made. Customer shall again notify the District's Operator after the physical connection has been made and such District's Operator shall inspect and approve the connection prior to backfilling of the area and prior to the commencement of sanitary sewer service. Installations which fail to conform to said rules will be denied. Customer shall be notified in writing as to the basis for such denial. After noted deficiencies have been corrected, a sanitary sewer connection reinspection shall be made upon payment to the District of a reinspection fee of $50.00 for Residential Customer Connections and $100.00 for Commercial, Nontaxable Entity and Apartment Customer Connections. If subsequent reinspections are required before the sanitary sewer connection and service lines are found in compliance with the District's rules, an additional sanitary sewer reinspection fee of $50.00 for Residential Customer Connections and $100.00 for

Commercial, Nontaxable Entity and Apartment Customer Connections shall be charged for each such reinspection.

Additionally, the District shall have the right to inspect, on a quarterly basis, any privately owned sanitary sewer pump stations that connect to the District's system. At all other times the District shall have the right to inspect said pump stations if the District, in its sole discretion, has reason to believe that a potential hazard exists at any pump station. A fee of $50.00 shall be charged by the District for each sanitary sewer pump station inspection. If, during the course of such inspection, deficiencies are noted which, in the sole discretion of the District's Operator, have the potential to adversely affect the District, the District's System or the District's Customers, the District shall allow the Customer reasonable time to correct the deficiency unless, in the sole discretion of the District's Operator, such deficiency poses an imminent environmental hazard or threat to the District, the District's System, or the District's Customers. In such event, the District shall have the option to terminate water service to the Customer until such deficiency is corrected or correct such deficiency and charge the Customer the actual cost of correcting said deficiency plus a ten percent (10%) markup. Additionally, if the District allows Customer a certain time for the correction of a noted deficiency and such correction is not performed within the allotted time, the District shall have the option to terminate water service to Customer until such deficiency is corrected or correct said deficiency and charge the Customer the actual cost of correcting said deficiency plus a ten percent (10%) markup. Upon correction of any noted deficiency and payment of a reinspection fee of $50.00, the District shall perform a reinspection to verify that the deficiency has been satisfactorily corrected. If subsequent reinspections are required before the District Operator determines that all deficiencies have been adequately addressed, a $50.00 reinspection fee shall be assessed for each reinspection conducted.

(b) Customer Service Inspection Certification. Prior to the District providing continuous water service to (i) any new construction; (ii) any existing Customer Connection when the District, in its sole discretion, has reason to believe that a cross-connection or potential contamination hazards exist; or (iii) any existing Customer Connection after any material improvement, correction or addition to the private water distribution facilities, a properly completed Customer Service Inspection Certification shall be provided by the Customer to the District. "Continuous" water service, with respect to new construction, shall be deemed to commence upon the transfer of service from the builder of a building, residence, or other establishment to the initial occupant or user thereof.

For Residential Customer Connections, the District's Operator shall perform the inspection and provide the necessary certification, and the District shall charge the Customer a fee of $35.00.

For Commercial (including Apartment) Customer Connections, the District's Operator shall perform the inspection and provide the necessary certification, and the District shall charge the Customer a fee of District's cost.

Should a Customer fail to provide to the District a properly completed Customer Service Inspection Certification, water service to such Customer will be terminated by the District and service shall not be restored by the District until the required Customer Service Inspection Certification form is provided.

(c) Inspection of District Facilities. In accordance with applicable rules of the Texas Commission on Environmental Quality, any person desiring water and sanitary sewer services from the District must notify the District's Operator prior to making any improvement or starting any construction on property within the District if such improvement, construction or equipment used in connection therewith will be within or in close proximity to easements, rights-of-way or property where District facilities are located. The District's Operator shall inspect each property or location at which the

improvement or construction is to take place prior to commencement of same to verify the location and condition of District facilities on the property. Upon receipt of instructions from the contractor or builder that construction of the facility or improvement is complete and prior to the transfer of the account to the subsequent Customer, the District's Operator shall make a final inspection of the water tap, meters and all other District facilities located on or around the property in question to verify the condition of such facilities. If damage to any District facilities is found, the District's Operator will repair such facilities and the builder or contractor will be responsible for payment of all costs incurred prior to the initiation of services to the property. A fee of $50.00 shall be charged by the District to cover the costs of such inspections, which fee will be due and payable at the time the tap fee is paid.

(d) Fire Line Inspections. On a yearly basis, or more often as determined necessary by the District, the District's Operator shall have the right to inspect all privately owned Fire Lines within the District to verify the condition of such facilities. If damage to any Fire Line is found, the District's Operator shall report such damage to the owner of the line who shall be responsible for all costs of repair and who shall make such repairs in a timely fashion. Upon completion of any necessary repairs, the District shall inspect the Fire Line to verify that such damage has been satisfactorily repaired. If, in the sole opinion of the District's Operator, such repairs are not properly or timely made, the District may repair such facilities and charge all costs thereof to owner. A fee of $50.00 shall be charged by the District to cover the costs of such inspections.

2.07. Temporary Water Service. Withdrawal of water from flushing valves or fire hydrants or other appurtenances of the District's System without prior approval of the District, except for emergency fire-fighting purposes, is prohibited. The District's Operator shall be authorized to make a temporary connection to any fire hydrant or flushing valve upon request for temporary water service within the area of the District. Such temporary service shall be provided only through a District meter installed by the District's Operator. The applicant for

temporary water service shall be required to post a deposit of $800.00 which shall secure the payment for water supplied by the District, the installation fee, the safe return of the District's meter and fire hydrant wrench, and the cost of repair of any damage by a user of the hydrant. The fee for temporary water service shall be $50.00 for costs of installation, plus $1.00 per 1,000 gallons of water delivered through the meter. Temporary water service may be supplied outside the area of the District only with the express authorization of the Board of Directors of the District.

Section 3. Rates and Fees for Water and Sanitary Sewer Services. Each prospective Customer desiring water and sanitary sewer service shall be required to provide appropriate information in order to obtain such service and shall pay an application fee.

3.01. Application Fee and Security Deposit. A non-refundable application fee of $10.00 shall be charged for each Customer. Each Residential Customer shall pay a security deposit of $50.00; each Apartment Customer, for each Apartment served by a separate meter, shall pay a security deposit of $50.00; each Apartment Customer for Apartments served by a master meter, shall pay a security deposit of $50.00 for each apartment unit served by such master meter; and each Commercial Customer shall pay a security deposit equal to two (2) months estimated total monthly service charges to such Customer, as determined by the District's Engineer utilizing City of Houston criteria regarding usage, or $50.00, whichever is greater. Upon final termination of service, such deposit shall be credited against amounts owed to the District and any balance refunded to the Customer within forty-five (45) days after termination of service. The District shall not be required to pay interest to the Customer on such security deposit. Further, any Customer whose service is terminated pursuant to Section 4.02 hereof shall, prior to the restoration of Customer's service, pay the deposit required herein if such Customer has no security deposit on file with the District immediately prior to the restoration of service. If the Customer has a security deposit on file with the District that is less than the amount required herein immediately prior to restoration of service, Customer shall, prior to the restoration of service, pay an additional security deposit to the District equal to the amount

required to bring Customer's total security deposit on file with the District to the amount required herein.

3.02. Monthly Rates for Residential Water Service. The following rates per month, or any part thereof, shall be charged for Residential water service furnished by the District to each Customer Connection in every instance in which a different charge is not expressly and clearly provided for herein:

(a)	Minimum monthly charge for up to 5,000 gallons of water metered	$3.50
(b)	For each 1,000 gallons of water metered between 5,000 gallons and 10,000 gallons	$1.00
(c)	For each 1,000 gallons of water metered between 10,000 gallons and 20,000 gallons	$1.50
(d)	For each 1,000 gallons of water Metered over 20,000 gallons	$2.00

3.03. Monthly Rates for Residential Sanitary Sewer Service. The following rate per month, or any part thereof, shall be charged for Residential sanitary sewer service furnished by the District to each Customer Connection in every instance in which a different charge is not expressly and clearly provided for herein:

Monthly Flat Rate	$5.50

3.04. Monthly Rates for Commercial Water Service. The following rates per month, or any part thereof, shall be charged for Commercial water service furnished by the District to each Customer Connection in every instance in which a different charge is not expressly and clearly provided for herein:

(a)	Minimum monthly charge for up to 5,000 gallons of water metered	$3.50
(b)	For each 1,000 gallons of water metered between 5,000 gallons and 10,000 gallons	$1.00

(c)	For each 1,000 gallons of water metered between 10,000 gallons and 20,000 gallons	$1.50
(d)	For each 1,000 gallons of water metered over 20,000 gallons	$2.00

3.05. Monthly Rates for Commercial Sanitary Sewer Service. The following rates per month, or any part thereof, shall be charged for Commercial sanitary sewer service furnished by the District to each Customer Connection in every instance in which a different charge is not expressly provided for herein:

(a)	Minimum monthly charge for up to 10,000 gallons of water metered	$12.50
(b)	For each 1,000 gallons of water metered over 10,000 gallons	$1.00
(c)	For each grease trap installed, there shall be charged a monthly flat rate inspection fee of (Any reinspection required shall be charged at the same rate)	$35.00

3.06. Monthly Rates for Water Service to Apartments. The following rates per month, or any part thereof, shall be charged per unit for water service to Apartment units served by separate meters:

(a)	Minimum monthly charge for up to 5,000 gallons of water metered	$3.50
(b)	For each 1,000 gallons of water metered between 5,000 gallons and 10,000 gallons	$1.00
(c)	For each 1,000 gallons of water metered between 10,000 gallons and 20,000 gallons	$1.50
(d)	For each 1,000 gallons of water metered over 20,000 gallons	$2.00

Apartment units served by a master meter shall be charged as follows: The total number of gallons metered shall be divided by the number of apartment units to determine the average usage per unit. The average usage per unit shall be rounded up to the nearest 1,000 gallons for purposes of computing the amount to be charged hereunder. The rates specified above shall then be applied to such average usage to determine the charge per unit. The charge per unit shall then be multiplied by the applicable number of Apartment units to determine the total amount to be charged.

3.07. Monthly Rates for Sanitary Sewer Service to Apartments. The following rates per month, or any part thereof, shall be charged per unit for sanitary sewer service to Apartment units served by separate meters:

Monthly Flat Rate:	$5.50

Apartment units served by a master meter shall be charged as follows: The rates specified above shall be multiplied by the applicable number of Apartment units to determine the total amount to be charged.

3.08. Monthly Rates for Water Service to Park and Recreational Facilities. The following rate per month, or any part thereof, shall be charged for Park and Recreational Facilities water service furnished by the District in every instance in which a different charge is not expressly and clearly provided for herein:

(a)	Minimum monthly charge for up to 5,000 gallons of water metered	$3.50
(b)	For each 1,000 gallons of water metered between 5,000 gallons and 10,000 gallons	$1.00
(c)	For each 1,000 gallons of water metered between 10,000 gallons and 20,000 gallons	$1.50
(e)	For each 1,000 gallons of water metered over 20,000 gallons	$2.00

3.09. Monthly Rates for Sanitary Sewer Services to Park and Recreational Facilities. The following rate per month, or any part thereof, shall be charged for Park and Recreational Facilities sanitary sewer service furnished by the District in every instance in which a different charge is not expressly and clearly provided for herein:

(a)	Minimum monthly charge for up to 5,000 gallons of water metered	$3.50
(b)	For each 1,000 gallons of water metered between 5,000 gallons and 10,000 gallons	$1.00
(c)	For each 1,000 gallons of water metered between 10,000 gallons and 20,000 gallons	$1.50
(d)	For each 1,000 gallons of water metered over 20,000 gallons	$2.00

3.10. Regulatory Assessments and Fees. The regulatory assessments and fees imposed pursuant to this Section 3.10 shall be billed and collected in the manner set forth in this Rate Order and all Customers of the District shall be subject to penalties and/or termination of service for failure to pay said regulatory assessments and fees when due in the manner set forth herein.

(a) Texas Commission on Environmental Quality Assessment. The water and sanitary sewer service rates set forth above in Sections 3.02 through 3.09, inclusive, include a regulatory assessment equal to one-half of one-percent of the charge for water and/or sewer service, as provided by Section 5.235(n), Texas Water Code, as amended.

(b) North Harris County Regional Water Authority Fees. The District lies within the boundaries of the North Harris County Regional Water Authority (the "Authority") and is subject to well pumpage fees imposed by the Authority for each 1,000 gallons of water pumped from the District's water well(s) and/or surface water fees imposed by the Authority for surface water delivered to the District from the Authority. In order to collect from the District's Customers sufficient funds to pay the Authority's well pumpage fees and surface water fees, the

District shall impose a fee equal to the surface water fee established from time to time by the Authority for each 1,000 gallons of water billed to each Customer of the District pursuant to this Rate Order, which fee shall be added to each Customers' bill. The water and sanitary sewer service rates set forth above in Sections 3.02 through 3.09, inclusive, do not include the fee imposed hereunder.

3.11. Drought Contingency Plan. The water and sanitary sewer rates set forth above in Sections 3.02 through 3.09, inclusive, do not include any additional fees or charges imposed by the District during any drought response stage pursuant to the Drought Contingency Plan. Any such additional fees and charges, and any penalties under the Drought Contingency Plan, shall be billed and imposed by the District in accordance with the Drought Contingency Plan and shall be in addition to fees or charges under this Order, unless otherwise set forth in the Drought Contingency Plan.

3.12. Bulk Rates. The water and sanitary sewer service rates set forth above shall not be construed to prevent the District from furnishing water and/or sanitary sewer service to any Customer at a bulk rate if deemed advisable by the District, with such rate to be determined on a case by case basis.

3.13. Policies Governing Services.

(a) No Reduced Rates or Free Service. All Customers receiving services from the District shall be subject to the provisions of this Order and shall be charged the rates established in this Order, and no reduced rate or free service shall be furnished to any Customer; provided, however, this provision shall not prohibit the District, upon good cause shown, from establishing reasonable classifications of Customers for which rates differing from the rates stated herein may be adopted.

(b) Entitlement. Customers are not guaranteed a specific quantity or pressure of water or specific capacity in sewer facilities for any purpose whatever; in no instance shall the District be liable for failure or refusal to furnish water or any particular amount or pressure of water or to provide capacity in sewer facilities.

(c) Unauthorized and Extraordinary Waste. The water and sewer service rates established herein are applicable for ordinary Domestic Waste normally considered to have a biological oxygen demand (five day) and total suspended solids of 200 milligrams per liter. Customers discharging, whether intentionally or unintentionally, non-Domestic Waste into the District's System will be assessed additional charges as established by District based on the volume and concentration of the proposed waste, as well as costs of remediation and/or repairs to the System occasioned as a consequence of such discharge, in addition to any other penalties set forth herein and in any order regulating waste heretofore or hereafter adopted by the District. Customers proposing to discharge or discharging certain Commercial Waste, including Commercial Waste from food processing or other food handling establishments, will be required to install garbage grinders and may be required to install grease traps or pretreatment units when so ordered by the District following the evaluation of the effects of high concentrations of organics on the System. Customers which are required to install garbage grinders, grease traps or other types of pretreatment units shall maintain same in good working condition, which shall include, but not be limited to, regular cleaning. The District shall have the right to inspect such pretreatment units, and, in order to protect the District's facilities, reserves the right, if Customer has failed to do so, to perform the required maintenance at Customer's expense and/or to discontinue service to Customer. The District's current waste discharge permit prohibits the introduction of Industrial Waste into the System. All Customers of the District's sanitary sewer System shall be subject to the terms and conditions of any order regulating waste heretofore or hereafter adopted by the District, pursuant to the terms of which the District may establish rates and charges to produce revenues to pay such additional costs incurred by the District in connection with such Industrial Waste. Further, the District shall have the right to terminate service to any Customer which violates any such order regulating waste in accordance with Section 4.02 hereof and the penalties specified in Section 6 hereof shall apply, in addition to any other

penalties or other charges specified in such order or herein. The District's Operator shall have rights of ingress and egress to Customer's property in order to carry out the provisions of this Section.

(d) Plumbing Regulations. The following plumbing regulations are, pursuant to Texas Commission on Environmental Quality regulations, applicable to all Customers of the District:

(i) Prior to receiving service from the District to new construction or to buildings containing new plumbing fixtures, or prior to having service reconnected to any building after termination of water service, a customer must execute a Service Agreement in the Form attached hereto as Exhibit "C";

(ii) No direct connection between the District's water System and a potential source of contamination shall be permitted; potential sources of contamination shall be isolated from the District's water System by an air gap or an appropriate backflow prevention device in accordance with applicable Texas Commission on Environmental Quality requirements and/or as otherwise required by the District in its reasonable discretion;

(iii) No cross connection between the District's water System and any private water system shall be permitted, and any potential threat of cross connection shall be eliminated at the service connection by the installation of an air gap or a reduced pressure-zone backflow prevention device;

(iv) No connection which allows water used for condensing, cooling or industrial processes, or water from any other system of nonpotable usage over which the District does not have sanitary control to be returned to the District's water System shall be permitted;

(v) No pipe or connection which allows water to be returned to the public drinking water supply is permitted;

(vi) The use of pipes and pipe fittings that contain more than 0.25 percent lead, or solders and flux that contain more than 0.2 percent lead is prohibited for installation or repair of the District's water supply System and for installation or repair of any plumbing in any Residential or Commercial facility providing water for human consumption and connected to the District's water supply System. This requirement may be waived for lead joints that are necessary for repairs to cast iron pipe; and

(vii) Notwithstanding anything to the contrary contained herein, the District reserves the right to inspect each Customer's property at any time for possible cross connections and other potential contamination hazards in violation of this Order. The Customer shall, upon receipt of notice from the District, immediately correct any potential contamination hazard existing on his premises to prevent possible contamination of the District's water System. The existence of a serious threat to the integrity of the District's water System shall be considered sufficient grounds for immediate termination of water service. Water service will be restored only when the source of potential contamination no longer exists, or when sufficient additional safeguards have been taken to protect the District's water System from contamination, and a Customer Service Inspection Certification confirming the correction of a potential contamination hazard has been submitted to the District. The District shall not be required to follow the procedures set forth in Section 4.02 hereof when terminating water service to a Customer under this Section 3.13(d). However, the Customer shall be subject to the same charge for restoration of service terminated pursuant to this Section 3.13(d) as is set forth in Section 4.02 hereof.

(e) Backflow Prevention Requirements. No water connection from the District's System shall be allowed to any Customer Connection where the District, in its sole discretion, has reason to believe that an actual or potential contamination hazard exists unless the District's System is protected from contamination. The following backflow prevention requirements are applicable to all Customers of the District:

(i) Backflow prevention assemblies shall be installed, tested and maintained, at the Customer's expense, at any Customer Connection in accordance with applicable Texas Commission on Environmental Quality requirements and/or as otherwise required by the District in its reasonable discretion.

The use of a backflow prevention device at the service connection shall be considered additional backflow protection and shall not negate the use of backflow prevention on the internal hazards of any Customer Connection as outlined and enforced by applicable Texas Commission on Environmental Quality regulations and/or local plumbing codes.

(ii) All backflow prevention assemblies installed at any Customer Connection shall be tested upon installation by a recognized backflow prevention assembly tester (pursuant to Texas Commission on Environmental Quality regulations) and certified to be operating within specifications. Backflow prevention assemblies which are installed to provide protection against a Health Hazard must also be tested and certified to be operating within specifications at least annually by a recognized backflow prevention assembly tester.

(iii) For each backflow prevention assembly required to be installed pursuant to this Order, it shall be the responsibility of the Customer to have such assembly tested upon installation and periodically thereafter as required by Subsection (ii) above, and to submit to the District for recordkeeping purposes within seven (7) days after each such test a signed and dated original Backflow

Prevention Assembly Test and Maintenance Report ("Test Report"), in the form attached to this Order as Exhibit "B", completed by a recognized backflow prevention assembly tester;

(iv) If a Customer fails to comply with the requirements of this Section 3.13(e), the District may terminate service to the Customer or the District may instruct the District's Operator to properly install, test and maintain the necessary backflow prevention assembly and bill the Customer for all expenses incurred in connection therewith.

Section 4. Delinquency in Payment; Penalty; Discontinuation and Termination of Service.

4.01. Penalty for Failure to Pay Bill Before Delinquency. A charge of ten percent (10%) of the amount of the Customer's bill shall be added to the Customer's bill when such Customer has failed to pay any bill before it becomes a Delinquent Bill. If a Customer's bill, or any part thereof, becomes a Delinquent Bill, the Delinquent Bill plus the penalty thereon shall be immediately due and payable. A charge of $10.00 shall be imposed for each returned check notice forwarded to a Customer as a result of a Customer's check being returned by a bank for any reason.

4.02. Termination of Service. The District shall have the right to terminate service and cut off the supply of water to a Customer and/or a Customer's access to the District's sanitary sewer System at any time after its bill becomes a Delinquent Bill or upon violation by the Customer of any order regulating waste heretofore or hereafter adopted by the District. The Customer shall, by written notice mailed to the Customer's address as reflected in the records of the District, be notified of the delinquency or violation and the date on which service shall be terminated if the account (including delinquent charges and penalty) is not paid in full or the violation corrected, which date shall not be less than five (5) days from the date such notice is sent. With respect to a delinquent bill, such notice shall state the place and time at which the account may be paid and that any errors in the bill may be corrected by contacting the billing

company, whose telephone number shall also be given in such notice. All notices of termination shall state that the Customer has the right to appeal such termination to the Board of Directors of the District. The notice shall also be left by the District's Operator on the front door at the address to which the service in question was provided at least twenty-four (24) hours prior to the time at which service shall be terminated. If the delinquent account (including any non-delinquent portion thereof), including penalty and all other charges then due and owing, has not been paid in full or the violation corrected by the proposed termination date, service shall then be discontinued unless otherwise agreed by the Board of Directors of the District. A charge of $50.00 shall be imposed for the restoration of service discontinued pursuant to this section. Payment of the unpaid account, including penalty and all other charges then due and owing plus any required deposit, shall be paid in cash, cashier's check or money order prior to restoration of water service where service has been terminated because of the Customer's failure to pay a bill before it became a Delinquent Bill.

4.03. Discontinuing Service Upon Request of a Customer. Whenever a Customer of the District requests that water and sewer service be temporarily discontinued, Customer shall notify the District's Operator at least two days prior to the time that such service discontinuation is desired. A charge of $10.00 shall be made for restoring water service when such service is discontinued and restored at the request of the Customer and he is not delinquent in the payment of any bill at the time of either request.

Section 5. Damage to District Facilities.

5.01. Damage to Meters and Appurtenances. No person other than a duly authorized agent of the District shall open any meter box, repair, alter, adjust, remove, make connections or additions to or in any other way take any action which affects any meter, meter box, service line or other water and/or sewer System appurtenance. The District reserves the right to immediately and without notice remove the meter or disconnect water service to any Customer whose meter, meter box, service line or other System appurtenance has been tampered with or altered in any

way, or who has reconnected service which was terminated by the District. The District shall assess repair costs to Customer plus a damage fee of $50.00.

5.02. Right to Repair. In recognition of the District's obligation to protect and maintain the public health, the District reserves the right to repair damage to the District's System and appurtenances without prior notice, and to assess against Customer such costs, including attorneys' fees, and such penalties as are provided in this Order or otherwise provided by law or legally available to the District, in addition to those charges necessary to repair the portion of the System so damaged.

5.03. Obstructions. After a water meter has been set, the Customer shall at all times keep the area in, around and upon the meter and box and District easements and property under Customer's control free from rubbish or obstructions of any kind. Failure to keep the meter and box and District easements and property under Customer's control free from rubbish or obstructions may result in disconnection of water services and/or the assessment of charges necessary to remove said obstructions. Customers are prohibited from introducing material into the District's sanitary sewer System which would cause obstruction of said System. In the event that an inspection by the District's Engineer or District's Operator reveals damage to the sanitary sewer System resulting from a Customer's failure to prevent obstructions from entering said System, the District reserves the right to immediately and without notice remove the obstruction. Any District costs for removal of obstructions, including the cleaning of grease traps or other pretreatment units, plus a District administration fee of fifty percent (50%) of said costs, shall be assessed to Customer. The District's Operator shall have rights of ingress and egress to Customer's property in order to carry out the provisions of this Section.

Section 5.04. Storm Sewer System. The use of the storm sewer System within the District is limited solely to storm waters. No other liquids or solids, including but not limited to, grass or yard clippings, trash, construction materials, oils or grease, shall be introduced into the storm sewer System within the District. It shall be a violation of this Order to introduce unauthorized material, whether liquid or solid, into the storm sewer System within the District

and the District reserves the right to assess such penalties as provided in this Order to any person, corporation, or other entity who makes such unauthorized use of the storm sewer System within the District.

Section 6. Penalties for Violation; Attorney's Fees and Court Costs. Any person, corporation or other entity who:

(1) violates any section of this Order or any order regulating waste heretofore or hereafter adopted by the District, including the Waste Order; or

(2) makes unauthorized use of District services or facilities; or

(3) violates the District's Rules and Regulations Governing Sewer Lines and Sewer Connections or any other rules or regulations of the District;

shall be subject to a civil penalty of not less than $200.00, and in no event to exceed $5,000, for each breach of the foregoing provisions. Each day that a breach continues shall be considered a separate breach. The amount of any penalty levied by the District pursuant to this Section 6 shall be established by the District's Board of Directors after reasonable notice to the violator and a public hearing relative to such matter before the Board of Directors.

Penalties levied under this Section 6 shall be in addition to such other penalties as are provided in this Order or any order regulating waste heretofore or hereafter adopted by the District, any other penalties provided under the laws of the State of Texas, and any other right of recovery that the District may have for damages or otherwise under applicable law. Notwithstanding the foregoing, in no event shall the District levy a penalty that is in excess of the jurisdictional limit of the justice court as provided by Section 27.031, Texas Government Code, as amended. In addition to the enforcement provisions set forth in this Order, the provisions of this Order, including any penalties levied hereunder, may be enforced by complaints filed in the appropriate court of jurisdiction in the county in which the District's principal office or meeting place is located. If the District prevails in any suit to enforce its rules, it may, in the same action, recover reasonable fees for attorneys, expert witnesses and other costs incurred by the District before the court. The amount of attorney's fees shall be fixed by the court.

Section 7. Appeal. Any determination by District's Operator or District's Engineer or authorized agent of the District or any dispute regarding the terms and provisions of this Order may be appealed to the Board of Directors of the District which shall conduct a hearing on the matter. All appeals shall either be submitted by Customer in writing or presented by Customer in person to the Board of Directors of the District at its regular meeting. In order to maintain service during the pendency of any such appeal in connection with fees or charges assessed hereunder, Customer shall pay all amounts, including service charges, penalties and other charges, due and payable to the District. Any amounts which are paid by the Customer and subsequently determined by the Board of Directors not to have been due shall be refunded to the Customer or credited against future bills, at the discretion of the District. The District's Operator and/or attorney shall provide Customer with information regarding appeals and hearing procedures upon Customer's request.

Section 8. Amendments. The District's Board of Directors has and specifically reserves the right to change, alter or amend any rate or provision of this Order at any time.

Section 9. Severability. The provisions of this Order are severable, and if any provision or part of this Order or the application thereof to any person or circumstances shall ever be held by any court of competent jurisdiction to be invalid or unconstitutional for any reason, the remainder of this Order and application of such provision or part of this Order shall not be affected thereby.

The President or Vice-President is authorized to execute and the Secretary or Assistant Secretary is authorized to attest this Order on behalf of the Board and the District.

Passed, adopted and effective this 16th day of February, 2017.

/s/ Candace Smith

ATTEST: _____

President

/s/ Renee S. Granberry

_____

Secretary
(SEAL)

EXHIBIT "A"

Service Inspection Certification Form

CNP Utility District

District's I.D. #1010538

Location of Service _____

I, _____, upon inspection of the private water distribution facilities connected to the aforementioned public water supply do hereby certify that, to the best of my knowledge

		Compliance	Non-Compliance
(1)	No direct connection between the public drinking water supply and a potential source of contamination exists. Potential sources of contamination are isolated from the public water system by an air gap or an appropriate backflow prevention assembly in accordance with TCEQ regulations and the provisions of the District's Rate Order.	☐	☐
(2)	No cross-connection between the public drinking water supply and a private water system exists. Where an actual air gap is not maintained between the public water supply and a private water supply, an approved reduced pressure-zone backflow prevention assembly is properly installed and a service agreement exists for annual inspection and testing by a certified backflow prevention device tester.	☐	☐
(3)	No connection exists which would allow the return of water used for condensing, cooling or industrial processes back to the public water supply.	☐	☐
(4)	No pipe or pipe fitting which contains more than 0.25% lead exits in private plumbing facilities installed on or after July 1, 1994.	☐	☐
(5)	No solder or flux which contains more than 0.2% lead exists in private plumbing facilities installed on or after July 1, 1988.	☐	☐

I further certify that the following materials were used in the installation of the private water distribution facilities:

Service line	Lead	☐	Copper	☐	PVC	☐	Other ☐
Solder	Lead	☐	Lead Free	☐	Solvent Weld	☐	Other ☐

I recognize that this document shall become an official record of CNP Utility District and that I am legally responsible for the validity of the information I have provided.

_____ _____

Signature of Inspector Registration Number

_____ _____

Title Type of Registration

_____

Date

EXHIBIT "B"

Backflow Prevention Assembly Test and Maintenance Report

The following form must be completed for each assembly tested. A signed and dated original must be submitted to the District for recordkeeping purposes.

BACKFLOW PREVENTION ASSEMBLY TEST AND MAINTENANCE REPORT

CNP UTILITY DISTRICT

DISTRICT IDENTIFICATION NO. 1010538

MAILING ADDRESS: _____

CONTACT PERSON: _____

LOCATION OF SERVICE: _____

The backflow prevention assembly detailed below has been tested and maintained as required by TNRCC regulations and is certified to be operating within acceptable parameters.

TYPE OF ASSEMBLY

☐ Reduced Pressure Principle
☐ Double Check Valve
☐ Pressure Vacuum Breaker
☐ Reduced Pressure Principle-Detector
☐ Double Check-Detector
☐ Spill-Resistant Pressure Vacuum Breaker

Manufacturer: _____ Size: _____

Model Number: _____ Located At: _____

Serial Number: _____

Is the assembly installed in accordance with manufacturer recommendations and/or local codes? _____

	Reduced Pressure Principle Assembly			Pressure Vacuum Breaker	
	Double Check Valve Assembly			Air Inlet	Check Valve
	1st Check	2nd Check	Relief Valve	Opened at ___ psid Did not Open ☐	_____ psid Leaked ☐
Initial Test	Held at ___ psid Closed Tight ☐ Leaked ☐	Held at ___ psid Closed Tight ☐ Leaked ☐	Opened at ____ psid Did not open ☐		
Repairs and Materials Used					
Test After Repair	Held at ___ psid Closed Tight ☐	Held at ___ psid Closed Tight ☐	Opened at ___ psid	Opened at ___ psid	_____ psid

Testing gauge used: Make/Model: _____ SN: _____ Calibration Date: _____

Remarks: _____

The above is certified to be true at the time of testing.

Firm Name: _____ Certified Tester: _____

Firm Address: _____ Cert. Tester No.: _____

Firm Phone No.: _____

Date: _____

EXHIBIT "C"

SERVICE AGREEMENT

I. **PURPOSE.** _____ (the "District") is responsible for protecting the drinking water supply from contamination or pollution which could result from improper plumbing practices. The purpose of this service agreement is to notify each customer of the plumbing restrictions which are in place to provide this protection. The District enforces these restrictions to ensure the public health and welfare. Each customer must sign this agreement before the District will begin service. In addition, when service to an existing connection has been suspended or terminated, the District will not re-establish service unless it has a signed copy of this agreement.

II. **PLUMBING RESTRICTIONS.** The following unacceptable plumbing practices are prohibited by State regulations.

A. No direct connection between the public drinking water supply and a potential source of contamination is permitted. Potential sources of contamination shall be isolated from the public water system by an air-gap or an appropriate backflow prevention device.

B. No cross-connection between the public drinking water supply and a private water system is permitted. These potential threats to the public drinking water supply shall be eliminated at the service connection by the installation of an air-gap or a reduced pressure-zone backflow prevention device.

C. No connection which allows water to be returned to the public drinking water supply is permitted.

D. No pipe or pipe fitting which contains more than a weighted average of 0.25% lead may be used for the installation or repair of plumbing at any connection which provides water for human use.

E. No solder or flux which contains more than 0.2 percent lead can be used for the installation or repair of plumbing at any connection which provides water for human use.

III. **SERVICE AGREEMENT.** The following are the terms of the service agreement between _____ (the "District") and _____ (the "Customer").

A. The District will maintain a copy of this agreement as long as Customer and/or the premises is connected to the District's water system.

B. Customer shall allow his/her property to be inspected for possible cross-connections and other unacceptable plumbing practices. These inspections shall be conducted by the District or its designated agenda prior to initiating new water service; when there is reason to believe that cross-connections or other unacceptable plumbing practices exist. Or after

any major changes to the private plumbing facilities. The inspections shall be conducted during the District's normal business hours.

C. The District shall notify the Customer in writing of any cross-connection or other unacceptable plumbing practice which has been identified during the initial inspection or the periodic reinspection.

D. Custom shall immediately correct any unacceptable plumbing practice on his/her premises.

E. Customer shall, at his/her expense, properly install, test, and maintain any backflow prevention device required by the District; Copies of all testing and maintenance records shall be provided to the District.

F. Customer understands and agrees that the District does not guarantee any specific quality or pressure of water for any purpose whatsoever and that the District is not liable to customer for failure or refusal to furnish any particular amount or pressure of water to Customer at any time.

IV. **ENFORCEMENT.** If Customer fails to comply with the terms of the Service Agreement, the District shall, as its option, either terminate service or properly install, test, and maintain and appropriate backflow prevention device at the service connection. Any expenses associated with the enforcement of this Service Agreement shall be billed to Customer.

CUSTOMER'S SIGNATURE: _____

DATE: _____

ADDRESS: _____

Domestic Wastewater Permit Renewal
CNP Utility District
TPDES Permit No. WQ0011239-001
NPDES Permit No. TX 0055166
A&S Project No. 135008.04

EXHIBIT 14

CORE DATA FORM
(Ref. TR 3c)

10377 Stella Link Road, Houston, TX 77025
Ph: 713-942-2700 Fax: 713-942-2799
Texas Engineering Registration No. F-000802

TCEQ Use Only

TCEQ Core Data Form

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

SECTION I: General Information

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

☐ New Permit, Registration or Authorization (*Core Data Form should be submitted with the program application.*)

☒ Renewal *(Core Data Form should be submitted with the renewal form)* ☐ Other

2. Customer Reference Number *(if issued)*	Follow this link to search for CN or RN numbers in Central Registry**	**3. Regulated Entity Reference Number** *(if issued)*
CN 601573447		**RN** 102687597

SECTION II: Customer Information

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

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

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

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

7. TX SOS/CPA Filing Number	**8. TX State Tax ID** (11 digits)	**9. Federal Tax ID** (9 digits)	**10. DUNS Number** *(if applicable)*
N/A	N/A	N/A	

11. Type of Customer:

☐ Corporation ☐ Individual Partnership: ☐ General ☐ Limited
Government: ☐ City ☐ County ☐ Federal ☐ Local ☐ State ☒ Other ☐ Sole Proprietorship ☒ Other: MUD

12. Number of Employees

☒ 0-20 ☐ 21-100 ☐ 101-250 ☐ 251-500 ☐ 501 and higher

13. Independently Owned and Operated?

☐ **Yes** ☒ **No**

14. Customer Role (Proposed or Actual) – *as it relates to the Regulated Entity listed on this form. Please check one of the following*

☒ Owner ☐ Operator ☐ Owner & Operator ☐ Other:
☐ Occupational Licensee ☐ Responsible Party ☐ VCP/BSA Applicant

15. Mailing Address:							
c/o Marks Richardson P.C.							
3700 Buffalo Speedway, Suite 830							
City	Houston	**State**	TX	**ZIP**	77098	**ZIP + 4**	

16. Country Mailing Information *(if outside USA)*	**17. E-Mail Address** *(if applicable)*
	krichardson@marksrichardsonpc.com

18. Telephone Number	19. Extension or Code	20. Fax Number *(if applicable)*
(713) 942-9922		( ) -

SECTION III: Regulated Entity Information

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

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

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

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

CNP Utility District Wastewater Treatment Facility

23. Street Address of the Regulated Entity: ***(No PO Boxes)***	530 Cypress Station Drive							
	City	Houston	**State**	TX	**ZIP**	77090	**ZIP + 4**	
24. County	Harris							

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

25. Description to Physical Location:	

26. Nearest City	**State**	**Nearest ZIP Code**
Houston	TX	77090

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

27. Latitude (N) In Decimal:	30.034139		**28. Longitude (W) In Decimal:**	-95.438361	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
30	02	02.9	95	26	18.1

29. Primary SIC Code (4 digits)	**30. Secondary SIC Code** (4 digits)	**31. Primary NAICS Code** (5 or 6 digits)	**32. Secondary NAICS Code** (5 or 6 digits)
4952		22132	

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

Serves to treat wasteawter from CNP UD.

34. Mailing Address:	**c/o Marks Richardson P.C.**							
	3700 Buffalo Speedway, Suite 830							
	City	**Houston**	**State**	**TX**	**ZIP**	**77098**	**ZIP + 4**	

35. E-Mail Address:	**krichardson@marksrichardsonpc.com**

36. Telephone Number	**37. Extension or Code**	**38. Fax Number** *(if applicable)*
(713) 942-9922		( ) -

☐ Dam Safety	☐ Districts	☐ Edwards Aquifer	☐ Emissions Inventory Air	☐ Industrial Hazardous Waste
☐ Municipal Solid Waste	☐ New Source Review Air	☐ OSSF	☐ Petroleum Storage Tank	☐ PWS
☐ Sludge	☐ Storm Water	☐ Title V Air	☐ Tires	☐ Used Oil
☐ Voluntary Cleanup	☒ Wastewater	☐ Wastewater Agriculture	☐ Water Rights	☐ Other:
	WQ0011239-001			

SECTION IV: Preparer Information

40. Name:	Eric Williams, PE	**41. Title:**	Project Manager

42. Telephone Number	**43. Ext./Code**	**44. Fax Number**	**45. E-Mail Address**
(713) 942-2775		( ) -	elw@as-engineers.com

SECTION V: Authorized Signature

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

Company:	CNP Utility District	**Job Title:**	President, Board of Directors
Name *(In Print):*	Renee S. Granberry	**Phone:**	(713)419-2436
Signature:	Renee S Granberry	**Date:**	5-8-24

Domestic Wastewater Permit Renewal
CNP Utility District
TPDES Permit No. WQ0011239-001
NPDES Permit No. TX 0055166
A&S Project No. 135008.04

EXHIBIT 15

SPIF
(Ref. TR 3c)

A&S Engineers, Inc.

10377 Stella Link Road, Houston, TX 77025
Ph: 713-942-2700 Fax: 713-942-2799
Texas Engineering Registration No. F-000802

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

FOR AGENCIES REVIEWING DOMESTIC OR INDUSTRIAL TPDES WASTEWATER PERMIT APPLICATIONS

TCEQ USE ONLY:

Application type: _____Renewal _____Major Amendment ____Minor Amendment _____New

County: _____ Segment Number: _____

Admin Complete Date: _____

Agency Receiving SPIF:

_____ Texas Historical Commission _____ U.S. Fish and Wildlife

_____ Texas Parks and Wildlife Department _____ U.S. Army Corps of Engineers

This form applies to TPDES permit applications only. (Instructions, Page 53)

Complete this form as a separate document. TCEQ will mail a copy to each agency as required by our agreement with EPA. If any of the items are not completely addressed or further information is needed, we will contact you to provide the information before issuing the permit. Address each item completely.

Do not refer to your response to any item in the permit application form. Provide each attachment for this form separately from the Administrative Report of the application. The application will not be declared administratively complete without this SPIF form being completed in its entirety including all attachments. Questions or comments concerning this form may be directed to the Water Quality Division's Application Review and Processing Team by email at WQ-ARPTeam@tceq.texas.gov or by phone at (512) 239-4671.

The following applies to all applications:

1. Permittee: CNP Utility District

   Permit No. WQ00 11239-001 EPA ID No. TX 0055166

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

   The waste water treatment facility is located approximately 0.5 miles west of Interstate 45 and 1.2 miles south of Cypresswood Drive in Harris County, TX 77090

Provide the name, address, phone and fax number of an individual that can be contacted to answer specific questions about the property.

Prefix (Mr., Ms., Miss): Mr.

First and Last Name: Jonathan D. Liu

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

Title: Engineer for the District

Mailing Address: 10377 Stella Link Road

City, State, Zip Code: Houston, TX 77025

Phone No.: (713) 942-2700 Ext.: Click here to enter text. Fax No.: Click here to enter text.

E-mail Address: jdl@as-engineers.com

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

Click here to enter text.

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

Discharge to Cypress Creek in Segment No. 1009 in the San Jacinto River Basin.

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

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

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

- ☐ Proposed access roads, utility lines, construction easements
- ☐ Visual effects that could damage or detract from a historic property's integrity
- ☐ Vibration effects during construction or as a result of project design
- ☐ Additional phases of development that are planned for the future

☐ Sealing caves, fractures, sinkholes, other karst features

☐ Disturbance of vegetation or wetlands

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

N/A

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

N/A

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

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

Click here to enter text.

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

Click here to enter text.

Domestic Wastewater Permit Renewal
CNP Utility District
TPDES Permit No. WQ0011239-001
NPDES Permit No. TX 0055166
A&S Project No. 135008.04

EXHIBIT 16

PLS

A&S Engineers, Inc.

10377 Stella Link Road, Houston, TX 77025
Ph: 713-942-2700 Fax: 713-942-2799
Texas Engineering Registration No. F-000802

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.

CNP Utility District (CN601573447) operates CNP Utility District Wastewater Treatment Facility (RN102687597), a wastewater treatment facility. The facility is located at 530 Cypress Station Drive, in Houston, Harris County, Texas 77090. The application is to renew the existing TPDES discharge permit to treat and discharge 2,500,000 GPD of domestic wastewater.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD5), total suspended solids (TSS), ammonia nitrogen (NH3-N). Domestic wastewater is treated by aerobic treatment, digestion, and disinfection.

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.

CNP Utility District (CN601573447) opera CNP Utility District Wastewater Treatment Facility RN102687597, una planta de tratamiento de aguas residuales. La instalación está ubicada en 530 Cypress Station Drive, en Houston, Condado de Harris, Texas 77090. La solicitud es para la renovación del permiso del Sistema de Eliminación de Descargas de Contaminantes de Texas (TPDES) para descargar a un flujo promedio anual de 2,500,000 galones diarios de aguas residuales domésticas tratadas.

Se espera que las descargas de la instalación contengan contengan demanda de bioquímico de oxígeno carbonoso (CBOD5) de cinco dias, sólidos suspendidos totales (TSS), nitrógeno amoniacal (NH3-N). Las aguas residuales domésticas. está tratado por un modo de mezcla completa del proceso de reactor del lote, digestores aerobios y desinfección.

INSTRUCTIONS

1. Enter the name of applicant in this section. The applicant name should match the name associated with the customer number.
2. Enter the Customer Number in this section. Each Individual or Organization is issued a unique 11-digit identification number called a CN (e.g. CN123456789).
3. Choose “operates” in this section for existing facility applications or choose “proposes to operate” for new facility applications.
4. Enter the name of the facility in this section. The facility name should match the name associated with the regulated entity number.
5. Enter the Regulated Entity number in this section. Each site location is issued a unique 11-digit identification number called an RN (e.g. RN123456789).
6. Choose the appropriate article (a or an) to complete the sentence.
7. Enter a description of the facility in this section. For example: steam electric generating facility, nitrogenous fertilizer manufacturing facility, etc.
8. Choose “is” for an existing facility or “will be” for a new facility.
9. Enter the location of the facility in this section.
10. Enter the City nearest the facility in this section.
11. Enter the County nearest the facility in this section.
12. Enter the zip code for the facility address in this section.
13. Enter a summary of the application request in this section. For example: renewal to discharge 25,000 gallons per day of treated domestic wastewater, new application to discharge process wastewater and stormwater on an intermittent and flow-variable basis, or major amendment to reduce monitoring frequency for pH, etc. If more than one outfall is included in the application, provide applicable information for each individual outfall.
14. List all pollutants expected in the discharge from this facility in this section. If applicable, refer to the pollutants from any federal numeric effluent limitations that apply to your facility.
15. Enter the discharge types from your facility in this section (e.g., stormwater, process wastewater, once through cooling water, etc.)
16. Choose the appropriate verb tense to complete the sentence.
17. Enter a description of the wastewater treatment used at your facility. Include a description of each process, starting with initial treatment and finishing with the outfall/point of disposal. Use additional lines for individual discharge types if necessary.

Questions or comments concerning this form may be directed to the Water Quality Division’s Application Review and Processing Team by email at WQ-ARPTeam@tceq.texas.gov or by phone at (512) 239-4671.

Example

Individual Industrial Wastewater Application

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 are not federal enforceable representations of the permit application.

ABC Corporation (CN600000000) operates the Starr Power Station (RN10000000000), a two-unit gas-fired electric generating facility. Unit 1 has a generating capacity of 393 megawatts (MWs) and Unit 2 has a generating capacity of 528 MWs. The facility is located at 1356 Starr Street, near the City of Austin, Travis County, Texas 78753.

This application is for a renewal to discharge 870,000,000 gallons per day of once through cooling water, auxiliary cooling water, and also authorizes the following waste streams monitored inside the facility (internal outfalls) before it is mixed with the other wastewaters authorized for discharge via main Outfall 001, referred to as “previously monitored effluents” (low-volume wastewater, metal-cleaning waste, and stormwater (from diked oil storage area yards and storm drains)) via Outfall 001. Low-volume waste sources, metal-cleaning waste, and stormwater drains on a continuous and flow-variable basis via internal Outfall 101.

The discharge of once through cooling water via Outfall 001 and low-volume waste and metal-cleaning waste via Outfall 101 from this facility is subject to federal effluent limitation guidelines at 40 CFR Part 423. The pollutants expected from these discharges based on 40 CFR Part 423 are: free available chlorine, total residual chlorine, total suspended solids, oil and grease, total iron, total copper, and pH. Temperature is also expected from these discharges. Additional potential pollutants are included in the Industrial Wastewater Application Technical Report, Worksheet 2.0.

Cooling water and boiler make-up water are supplied by Lake Starr Reservoir. The City of Austin municipal water plant (CN600000000, PWS 00000) supplies the facility’s potable water and serves as an alternate source of boiler make-up water. Water from the Lake Starr Reservoir is withdrawn at the intake structure and treated with sodium hypochlorite to prevent biofouling and sodium bromide as a chlorine enhancer to improve efficacy and then passed through condensers and auxiliary equipment on a once-through basis to cool equipment and condense exhaust steam.

Low-volume wastewater from blowdown of boiler Units 1 and 2 and metal-cleaning wastes receive no treatment prior to discharge via Outfall 101. Plant floor and equipment drains and stormwater runoff from diked oil storage areas, yards, and storm drains are routed through an oil and water separator prior to discharge via Outfall 101. Domestic wastewater, blowdown, and backwash water from the service water filter, clarifier, and sand filter are routed to the Starr Creek Domestic Sewage Treatment Plant, TPDES Permit No. WQ0010000001, for treatment and disposal. Metal-cleaning waste from equipment cleaning is generally disposed of off-site.

Francesca Findlay

From: Eric Williams <elw@as-engineers.com>
Sent: Wednesday, June 5, 2024 8:45 PM
To: Francesca Findlay
Cc: Jonathan D. Liu
Subject: WQ0011239001 NOD1 Response
Attachments: Municipal Discharge Renewal Spanish NORI.docx

Follow Up Flag: Follow up
Flag Status: Flagged

Good Afternoon,

We have reviewed the NORI and have no comments. Attached is the Spanish language copy of the NORI.

Please confirm receipt of this email.

Thanks,

Eric Williams, P.E.
Project Manager

A&S Engineers, Inc. 25TH ANNIVERSARY

A&S Engineers, Inc.

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