Administrative Package Cover Page

This file contains the following documents:

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

Portada de Paquete Administrativo

Este archivo contiene los siguientes documentos:

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

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

PLAIN LANGUAGE SUMMARY FOR TPDES OR TLAP PERMIT APPLICATIONS

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

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

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

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

ENGLISH TEMPLATE FOR TPDES or TLAP NEW/RENEWAL/AMENDMENT APPLICATIONS
Enter 'INDUSTRIAL' or 'DOMESTIC' here WASTEWATER/STORMWATER
The following summary is provided for this pending water quality permit application being reviewed by the Texas Commission on Environmental Quality as required by 30 TAC Chapter 39. The information provided in this summary may change during the technical review of the application and is not a federal enforceable representation of the permit application.

Hays County WCID No. 1 (CN600688246) operates Hays Co. WCID No. 1 Wastewater Facilities (RN102187630), a wastewater treatment facility with a flow of 0.150 MGD for Outfall 001 using drip irrigation and 0.350 MGD for Outfall 002 using spray irrigation. The facility is located at 12930 Nutty Brown Road, in Austin, Hays County, Texas 78737. Hays County WCID No. 1 seeks a renewal of the existing permit for the facility. This permit will authorize conditional discharge of pollutants into water in the state.

Discharges from the facility are expected to contain CBOD, TSS, Total Nitrogen, Ammonia Nitrogen, Total Phosphorous, E. Coli. Municipal discharge is treated by membrane bio-reactor with headworks (flow EQ basin and primary clarifier) aeration basins, anoxic basins, and UV light disinfection. Sludge waste is disposed of by a licensed hauler.

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

AGUAS RESIDUALES Domésticas **/AGUAS PLUVIALES**

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

Hays County WCID No. 1 (CN600688246) opera Hays County WWTP RN102187630, una planta de tratamiento de aguas residuales domésticas que produce un flujo de 0,150 millones de galones al día en el desagüe 001 usando irrigación de riego por goteo. El desagüe 002 produce 0,350 millones de galones al día usando irrigación de riego por aspersión . La instalación está ubicada en 12930 Nutty Brown Road, en Austin, Condado de Hays, Texas 78737. Hays Co. WCID 1 desea la renovación del permiso de solicitud de tratamiento de aguas residuales. *<<Para las solicitudes de TLAP incluya la siguiente oración, de lo contrario, elimine:>>* Este permiso no autorizará una descarga de contaminantes en el agua en el estado.

Se espera que las descargas de la instalación contengan DBO, Total de sólidos suspendidos, Nitrógeno Total, Fósforo total, y E. coli. Descargo municipal. está tratado por bio reactor con eliminación de sólidos (cuenca de equalización de flujo de aguas y clarificador primario) cuencas de aeración, cuencas anóxicas, y luces ultravioletas para desinfección. Residuos sólidos son transportados por un transportador certificado.

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.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

PERMIT NO. WQ0014293001

APPLICATION. Hays County Water Control & Improvement District No. 1, 3321 Bee Caves Road, Suite 203, West Lake Hills, Texas 78746, has applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0014293001 (EPA I.D. No. TX0128465) to authorize the disposal of treated wastewater at a volume not to exceed a daily average flow of 150,000 gallons per day via non-public subsurface drip irrigation of 35 acres via Outfall 001, and the discharge of treated domestic wastewater at a volume not to exceed a daily average flow of 350,000 gallons per day via Outfall 002. The domestic wastewater treatment facility is located at 12930 Nutty Brown Road, near the city of Austin, in Hays County, Texas 78737. The discharge route is from the plant site to Bear Creek, thence Onion Creek via Outfall 002. TCEQ received this application on September 18, 2024. The permit application will be available for viewing and copying at Dripping Springs Community Library, Front Desk, 501 Sportsplex Drive, Dripping Springs, in Hays 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=-97.974166,30.191388&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 Hays County Water Control & Improvement District No. 1 at the address stated above or by calling Ms. Lauren Barzilla, P.E., Burgess & Niple, Inc., at 512-432-1000.

Issuance Date: October 8, 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. WQ0014293001

SOLICITUD. Hays County WCID No. 1 ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para renovar el Permiso No. WQ0014293001 (EPA I.D. No. TX0128465) 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 combinado de 500,000 galones por día. La planta está ubicada en 14930 Nutty Brown Rd, Austin, TX 78737 el Condado de Hays, Texas. La ruta de descarga es del sitio de la planta a Bear Creek, y luego a Onion Creek (refiere a Attachment 4 por la ubicación exacta) . La TCEQ recibió esta solicitud el 18 de septiembre 2024. La solicitud para el permiso estará disponible para leerla y copiarla en el Dripping Springs Community Library en 501 Sportsplex Drive, Dripping Springs, TX 78620 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.

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 Hays County WCID No. 1 a la dirección indicada arriba o llamando a Lauren Barzilla, P.E. 512.432.1000

Fecha de emission: 8 de octubre de 2024

BURGESS & NIPLE

Firm Registration No. F-10834 235 Ledge Stone Drive | Austin, TX 78737 | 512.432.1000

September 18, 2024

Texas Commission on Environmental Quality
Water Quality Division
Applications Review and Processing Team (MC 148)
Building F, Room 2101
12100 Park 35 Circle
Austin, Texas 78753

Re: Hays County WCID No. 1
TCEQ Domestic Wastewater Permit Renewal Application
TCEQ Permit Number WQ0014293001
B&N Job Number 62181

Dear Review Team:

Enclosed please find one original TCEQ Domestic Wastewater Permit Renewal Application with attachments for the above referenced project, an electronic copy of this file has been uploaded to the TCEQ's FTP server. On July 17, 2024 the TCEQ sent the District notice that this application was late, however, the address the on file was an old address that was no longer in use. As a result, the District's attorney did not receive the letter until September 16, 2024. The application was in the process of being completed and would have been submitted earlier if the correspondence had been received by the District when it was originally mailed. I apologize for the delay in the submittal of this application, and with this renewal the address of the District's attorney has been updated.

The application fee is being submitted under separate cover as requested. If you have any questions concerning this application please contact me at 512-432-1000.

Sincerely,

Lauren Barzilla, P.E.
District Engineer

Enclosures: One original of the TCEQ Domestic Wastewater Permit Renewal Application

Xc: Matt Kutac, Law Office of Matthew B. Kutac, PLLC
Vicki Hahn, Winstead PC
Public Viewing Binder

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 600688246		RN 102187630

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:*

Hays County WCID No. 1

7. TX SOS/CPA Filing Number	8. TX State Tax ID (11 digits)	9. Federal Tax ID (9 digits)	10. DUNS Number *(if applicable)*

11. Type of Customer:

☐ Corporation ☐ Individual Partnership: ☐ General ☐ Limited
Government: ☐ City ☐ County ☐ Federal ☐ Local ☐ State ☒ Other ☐ Sole Proprietorship ☒ Other: Utility District

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
☐ Occupational Licensee ☐ Responsible Party ☐ VCP/BSA Applicant ☐ Other:

15. Mailing Address:

3321 Bee Caves Road Suite 203

City	Austin	State	TX	ZIP	78746	ZIP + 4	

16. Country Mailing Information *(if outside USA)*	17. E-Mail Address *(if applicable)*
	mkutac@mbkfirm.com

18. Telephone Number	19. Extension or Code	20. Fax Number *(if applicable)*

(512) 615-0503		( ) -

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.)*

Hays County Water Control and Improvement District No. 1

23. Street Address of the Regulated Entity: ***(No PO Boxes)***	12930 Nutty Brown Road							
	City	Austin	**State**	TX	**ZIP**	78737	**ZIP + 4**	
24. County	Hays							

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

25. Description to Physical Location:					
26. Nearest City			**State**	**Nearest ZIP Code**	
City of Dripping Springs			TX	78620	

Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).

27. Latitude (N) In Decimal:			**28. Longitude (W) In Decimal:**			
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds	
N30	11	29	W97	58	27	

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			

33. What is the Primary Business of this entity? *(Do not repeat the SIC or NAICS description.)*

Utility District provides water, wastewater, and storm sewer services to District customers

34. Mailing Address:	**151 Trinity Hills Dr.**							
	City	**Austin**	**State**	**TX**	**ZIP**	**78737**	**ZIP + 4**	
35. E-Mail Address:	**bwright@municipalops.com**							

36. Telephone Number	**37. Extension or Code**	**38. Fax Number** *(if applicable)*
(512) 686-1660		( ) -

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

☐ Dam Safety	☒ Districts	☒ Edwards Aquifer	☐ Emissions Inventory Air	☐ Industrial Hazardous Waste
☐ Municipal Solid Waste	☐ New Source Review Air	☐ OSSF	☐ Petroleum Storage Tank	☐ PWS
☐ Sludge	☐ Storm Water	☐ Title V Air	☐ Tires	☐ Used Oil
☐ Voluntary Cleanup	☒ Wastewater	☐ Wastewater Agriculture	☐ Water Rights	☐ Other:

SECTION IV: Preparer Information

40. Name:	Lauren Barzilla	**41. Title:**	District Engineer

42. Telephone Number	**43. Ext./Code**	**44. Fax Number**	**45. E-Mail Address**
(512) 432-1000		(512) 432-1015	lauren.barzilla@burgessniple.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:	Burgess & Niple, Inc.	**Job Title:**	Project Engineer
Name *(In Print)*:	Lauren Barzilla	**Phone:**	(512) 432- **1000**
Signature:		**Date:**	9-16-2024

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST

Complete and submit this checklist with the application.

APPLICANT NAME: Hays County Water Control and Improvement District No. 1

PERMIT NUMBER (If new, leave blank): WQ00 0014293001

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: Click to enter text.

Check/Money Order Amount: $1,615.00

Name Printed on Check: Hays Co. WCID No. 1

EPAY — Voucher Number: Click to enter text.

Copy of Payment Voucher enclosed? Yes ☐

Section 2. Type of Application (Instructions Page 26)

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

☒ Publicly-Owned Domestic Wastewater

☐ Privately-Owned Domestic Wastewater

☐ Conventional Wastewater Treatment

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

☒ Active ☐ Inactive

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

☒ TPDES Permit

☐ TLAP

☐ TPDES Permit with TLAP component

☐ Subsurface Area Drip Dispersal System (SADDS)

d. Check the box next to the appropriate application type

☐ New

☐ Major Amendment *with* Renewal

☐ Major Amendment *without* Renewal

☒ Renewal without changes

☐ Minor Amendment *with* Renewal

☐ Minor Amendment *without* Renewal

☐ Minor Modification of permit

e. For amendments or modifications, describe the proposed changes: Click to enter text.

f. For existing permits:

Permit Number: WQ00 14293001

EPA I.D. (TPDES only): TX 0128465

Expiration Date: 12/10/2024

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?

Hays County Water Control & Improvement District No. 1 – c/o Matthew Kutac, Attorney

(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: 600688246

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

Prefix: Mr. Last Name, First Name: Botts, Douglas L.

Title: President Hays Co. WCID No. 1 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 Attachment 1 Core Data Form

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: Mrs. Last Name, First Name: Barzilla, Lauren

Title: District Engineer Credential: P.E.

Organization Name: Burgess & Niple, Inc.

Mailing Address: 235 Ledge Stone Drive City, State, Zip Code: Austin, TX 78737

Phone No.: 512-432-1000 E-mail Address: lauren.barzilla@burgessniple.com

Check one or both: ☒ Administrative Contact ☒ Technical Contact

B. Prefix: Mr. Last Name, First Name: Kutac, Matt

Title: Attorney Credential: Click to enter text.

Organization Name: Law Office of Matthew B. Kutac, PLLC

Mailing Address: 3321 Bee Caves Road, Suite 203 City, State, Zip Code: Austin, TX 78746

Phone No.: 512-615-0503 E-mail Address: mkutac@mbkfirm.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: Click to enter text. Last Name, First Name: Kutac, Matt

Title: Attorney Credential: Click to enter text.

Organization Name: Law Office of Matthew B. Kutac, PLLC

Mailing Address: 3321 Bee Caves Road, Suite 203 City, State, Zip Code: Austin, TX 78746

Phone No.: 512-615-0503 E-mail Address: mkutac@mbkfirm.com

B. Prefix: Click to enter text. Last Name, First Name: Botts, Douglas

Title: President Credential: Click to enter text.

Organization Name: Hays Co. WCID No. 1

Mailing Address: 235 Ledge Stone Drive City, State, Zip Code: Austin, TX 78737

Phone No.: 512-432-1000 E-mail Address: dbotts@hayswcid.org

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: Click to enter text. Last Name, First Name: Wright, Lonnie

Title: District Operator Credential: Click to enter text.

Organization Name: Municipal Operations & Consulting, Inc.

Mailing Address: 20141 Schiel Road City, State, Zip Code: Cypress, TX 77433

Phone No.: 281-367-5511 E-mail Address: lwright@municipalops.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: Click to enter text. Last Name, First Name: Wright, Lonnie

Title: District Operator Credential: Click to enter text.

Organization Name: Municipal Operations & Consulting, Inc.

Mailing Address: 20141 Schiel Road City, State, Zip Code: Cypress, TX 77433

Phone No.: 281-367-5511 E-mail Address: lwright@municipalops.com

Section 8. Public Notice Information (Instructions Page 27)

A. Individual Publishing the Notices

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

Title: District Engineer Credential: P.E.

Organization Name: Burgess & Niple, Inc.

Mailing Address: 235 Ledge Stone Drive City, State, Zip Code: Austin, TX 78737

Phone No.: 512-432-1000 E-mail Address: lauren.barzilla@burgessniple.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: Click to enter text. Last Name, First Name: Barzilla, Lauren

Title: District Engineer Credential: P.E.

Organization Name: Burges & Niple, Inc.

Mailing Address: 235 Ledge Stone Drive City, State, Zip Code: Austin, TX 78737

Phone No.: 512-432-1000 E-mail Address: lauren.barzilla@burgessniple.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: Dripping Springs Community Library

Location within the building: Front Desk

Physical Address of Building: 501 Sportsplex Drive

City: Dripping Springs County: Click to enter text.

Contact (Last Name, First Name): Click to enter text.

Phone No.: Click to enter text. 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? There is a bilingual Spanish program available at Dripping Springs Elementary

F. Plain Language Summary Template

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

Attachment: 3

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** 102187630

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):

Hays Co. WCID No. 1 Wastewater Treatment Plant

C. Owner of treatment facility: Hays Co. WCID No. 1

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: Hays County WCID No. 1

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

Organization Name: Hays Co. WCID No. 1

Mailing Address: 20141 Schiel Road City, State, Zip Code: Cypress, TX 77433

Phone No.: 281-367-5511 E-mail Address: Click to enter text.

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

Attachment: Click to enter text.

E. Owner of effluent disposal site:

Prefix: Click to enter text. Last Name, First Name: Hays County WCID No. 1

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

Organization Name: Hays Co. WCID No. 1

Mailing Address: 20141 Schiel Road City, State, Zip Code: Cypress, TX 77433

Phone No.: 281-367-5511 E-mail Address: Click to enter text.

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

Attachment: Click to enter text.

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

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

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

Organization Name: Click to enter text.

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

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

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

Attachment: Click to enter text.

Section 10. TPDES Discharge Information (Instructions Page 31)

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

☐ Yes ☒ No

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

In the existing permit, the address is incorrectly listed as 14930 Nutty Brown Rd, Austin, TX 78737. The address should be 12930 Nutty Brown Rd, Austin, TX 78737

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): City of Dripping Springs

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

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: Click to enter text.

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: City of Dripping Springs

C. County in which the disposal site is located: Hays

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

Treated effluent flows form the WWTP to a 333,000 gallon bolted steel storage tank before being disposed of via subsurface drip irrigation system on 35 acres of non-public access land (Outfall No. 001)

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

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: WQ0014293001

Applicant: Hays Co. WCID No. 1

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): Douglas L. Botts

Signatory title: President, Hays County WCID No. 1

Signature: _____ Date: 9/18/2024

(Use blue ink)

Subscribed and Sworn to before me by the said Douglass Botts

on this 18th day of September, 2024.

My commission expires on the 10th day of October, 2024.

M Guerra

Notary Public

M GUERRA
Notary Public, State of Texas
Comm. Expires 10-12-2026
Notary ID 131758356

[SEAL]

Hays, Texas

County, Texas

DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

The following information is required for new and amendment applications.

Section 1. Affected Landowner Information (Instructions Page 36)

A. Indicate by a check mark that the landowners map or drawing, with scale, includes the following information, as applicable:

- ☐ The applicant's property boundaries
- ☐ The facility site boundaries within the applicant's property boundaries
- ☐ The distance the buffer zone falls into adjacent properties and the property boundaries of the landowners located within the buffer zone
- ☐ The property boundaries of all landowners surrounding the applicant's property (Note: if the application is a major amendment for a lignite mine, the map must include the property boundaries of all landowners adjacent to the new facility (ponds).)
- ☐ The point(s) of discharge and highlighted discharge route(s) clearly shown for one mile downstream
- ☐ The property boundaries of the landowners located on both sides of the discharge route for one full stream mile downstream of the point of discharge
- ☐ The property boundaries of the landowners along the watercourse for a one-half mile radius from the point of discharge if the point of discharge is into a lake, bay, estuary, or affected by tides
- ☐ The boundaries of the effluent disposal site (for example, irrigation area or subsurface drainfield site) and all evaporation/holding ponds within the applicant's property
- ☐ The property boundaries of all landowners surrounding the effluent disposal site
- ☐ The boundaries of the sludge land application site (for land application of sewage sludge for beneficial use) and the property boundaries of landowners surrounding the applicant's property boundaries where the sewage sludge land application site is located
- ☐ The property boundaries of landowners within one-half mile in all directions from the applicant's property boundaries where the sewage sludge disposal site (for example, sludge surface disposal site or sludge monofill) is located

B. ☐ Indicate by a check mark that a separate list with the landowners' names and mailing addresses cross-referenced to the landowner's map has been provided.

C. Indicate by a check mark in which format the landowners list is submitted:

☐ USB Drive ☐ Four sets of labels

D. Provide the source of the landowners' names and mailing addresses: Click to enter text.

E. As required by *Texas Water Code § 5.115*, is any permanent school fund land affected by this application?

☐ Yes ☐ No

If **yes**, provide the location and foreseeable impacts and effects this application has on the land(s):

Click to enter text.

Section 2. Original Photographs (Instructions Page 38)

Provide original ground level photographs. Indicate with checkmarks that the following information is provided.

- ☐ At least one original photograph of the new or expanded treatment unit location
- ☐ At least two photographs of the existing/proposed point of discharge and as much area downstream (photo 1) and upstream (photo 2) as can be captured. If the discharge is to an open water body (e.g., lake, bay), the point of discharge should be in the right or left edge of each photograph showing the open water and with as much area on each respective side of the discharge as can be captured.
- ☐ At least one photograph of the existing/proposed effluent disposal site
- ☐ A plot plan or map showing the location and direction of each photograph

Section 3. Buffer Zone Map (Instructions Page 38)

A. Buffer zone map. Provide a buffer zone map on 8.5 x 11-inch paper with all of the following information. The applicant's property line and the buffer zone line may be distinguished by using dashes or symbols and appropriate labels.

- The applicant's property boundary;
- The required buffer zone; and
- Each treatment unit; and
- The distance from each treatment unit to the property boundaries.

B. Buffer zone compliance method. Indicate how the buffer zone requirements will be met. Check all that apply.

- ☐ Ownership
- ☐ Restrictive easement
- ☐ Nuisance odor control
- ☐ Variance

C. Unsuitable site characteristics. Does the facility comply with the requirements regarding unsuitable site characteristic found in 30 TAC § 309.13(a) through (d)?

☐ Yes ☐ No

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: 2

BURGESS & NIPLE

Firm Registration No. F-10834 235 Ledge Stone Drive | Austin, TX 78737 | 512.432.1000

September 18, 2024

Texas Commission on Environmental Quality
Financial Administration Division
Cashier's Office (MC-214)
PO Box 13088
Austin, Texas 78711-3088

Re: Hays County WCID No. 1
TCEQ Domestic Wastewater Permit Renewal Application
TCEQ Permit Number WQ0014293001
B&N Job Number 62181

Dear Reviewer:

Please find the enclosed check in the amount of $1,615.00. This check is for payment of the above referenced TCEQ Domestic Wastewater Permit Renewal Application.

If you have any questions concerning this application please contact me at 512-432-1000.

Sincerely,

Lauren Barzilla, P.E.
District Engineer

Enclosure: $1,615.00 Check to the TCEQ

Xc: Matt Kutac, Law Office of Matthew B. Kutac, PLLC
Vicki Hahn, Winstead PC
Public Viewing Binder

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): See Attachment 5

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

Estimated construction start date: Click to enter text.

Estimated waste disposal start date: Click to enter text.

B. Interim II Phase

Design Flow (MGD): Click to enter text.

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

Estimated construction start date: Click to enter text.

Estimated waste disposal start date: Click to enter text.

C. Final Phase

Design Flow (MGD): Click to enter text.

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

Estimated construction start date: Click to enter text.

Estimated waste disposal start date: Click to enter text.

D. Current Operating Phase

Provide the startup date of the facility: MBR WWTP – JUNE 2011

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**.

Treatment for the current operating final phase of the permit is achieved by a Membrane Bio-Reactor WWTP. The plant consists of fine screens, flow equalization basin, primary clarifier, pre-anoxic basin, pre-aeration basin, post-anoxic basin, and MBR basin. Ultra violet (UV) light is sued for disinfection. Wasted primary and secondary sludge is wasted to a sludge thickening box. Thickened sludge is hauled off by a licensed hauler.

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)
Headworks – Rotary drum screens	2	
Flow Equalization Basin	1	126’ X 11.75’ X 15’
Primary Clarifier	1	31’ Diameter x 13’
Pre-Anoxic Basin	2	9.25’ X 18.67’, 13’
Pre-Aeration Basin	2	18.5’ X 18.67’ X 18”
Post Anoxic Basin	2	95’ X 18.67’ X 17.5’
MBR Basin	3	14’ X 12’ X 16’
Ultraviolet Light	3	
Sludge Dewatering Box	2	25’ X 8”

C. Process Flow Diagram

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

Attachment: 6

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

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

- Latitude: 30.203392
- Longitude: -97.983309

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

- Latitude: Click to enter text.
- Longitude: Click to enter text.

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: 12

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

Belterra Subdivision in Hays County

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
		Choose an item.	
		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: See Attachment 7

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*.

Permitee is required to perform pre-discharge in-stream monitoring in Bear Creek prior to discharge and post discharge monitoring. Pre-discharge in-stream monitoring has been completed. Results of the monitoring are presented in the Bear Creek Baseline Data Study Report dated September 30, 2015. The District has not yet discharged into Bear Creek, so post discharge monitoring has not been triggered. Additionally, the District has constructed 201 acres of 210 spray irrigation.

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 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	<1		1	Grab	6/12/24 08:25
Total Suspended Solids, mg/l	<1		1	Grab	6/12/24 08:25
Ammonia Nitrogen, mg/l	0.34		1	Grab	6/12/24 08:25
Nitrate Nitrogen, mg/l	22		1	Grab	6/12/24 08:25
Total Kjeldahl Nitrogen, mg/l	<0.20		1	Grab	6/12/24 08:25
Sulfate, mg/l	43.3		1	Grab	6/12/24 08:25
Chloride, mg/l	149		1	Grab	6/12/24 08:25
Total Phosphorus, mg/l	5.32		1	Grab	6/12/24 08:25
pH, standard units	7.4		1	Grab	6/12/24 08:25
Dissolved Oxygen*, mg/l	8.5		1	Grab	6/12/24 08:25
Chlorine Residual, mg/l	<0.10		1	Grab	6/12/24 08:25
E.coli (CFU/100ml) freshwater	<1.0		1	Grab	6/12/24 08:25
Entercocci (CFU/100ml) saltwater	NA		NA	NA	NA
Total Dissolved Solids, mg/l	534		1	Grab	6/12/24 08:25
Electrical Conductivity, µmohs/cm, †	991		1	Grab	6/12/24 08:25
Oil & Grease, mg/l	<5.0		1	Grab	6/12/24 08:25
Alkalinity ($CaCO_3$)*, mg/l	106		1	Grab	6/12/24 08:25

*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: Michael Reid

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

Facility Operator's License Number: WW0071155

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: Waste sludge from MBR to sludge dewatering box

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
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.	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: Walker Aero Type V Compost Facility

TCEQ permit or registration number: 2310

County where disposal site is located: Travis

E. Transportation method

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

Name of the hauler: K-3 Resources, LP

Hauler registration number: 24430

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:

TCEQ 210 Reuse Authorization R14293-001

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: Douglas L. Botts

Title: President, Hays County WCID No. 1

Signature: _____

Date: 9/18/2024

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 2.0: RECEIVING WATERS

The following information is required for all TPDES permit applications.

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

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

☐ Yes ☒ No

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

Owner of the drinking water supply: Click to enter text.

Distance and direction to the intake: Click to enter text.

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

Attachment: Click to enter text.

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

Does the facility discharge into tidally affected waters?

☐ Yes ☒ No

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

A. Receiving water outfall

Width of the receiving water at the outfall, in feet: Click to enter text.

B. Oyster waters

Are there oyster waters in the vicinity of the discharge?

☐ Yes ☒ No

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

Click to enter text.

C. Sea grasses

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

☐ Yes ☒ No

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

Click to enter text.

Section 3. Classified Segments (Instructions Page 64)

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

☐ Yes ☒ No

If yes, this Worksheet is complete.

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

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

Name of the immediate receiving waters: Upper Reaches of Bear Creek

A. Receiving water type

Identify the appropriate description of the receiving waters.

☒ Stream

☐ Freshwater Swamp or Marsh

☐ Lake or Pond

Surface area, in acres: Click to enter text.

Average depth of the entire water body, in feet: Click to enter text.

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

☐ Man-made Channel or Ditch

☐ Open Bay

☐ Tidal Stream, Bayou, or Marsh

☐ Other, specify: Click to enter text.

B. Flow characteristics

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

☐ Intermittent - dry for at least one week during most years

☒ Intermittent with Perennial Pools - enduring pools with sufficient habitat to maintain significant aquatic life uses

☐ Perennial - normally flowing

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

☐ USGS flow records

☐ Historical observation by adjacent landowners

☒ Personal observation

☐ Other, specify: Click to enter text.

C. Downstream perennial confluences

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

Click to enter text.

D. Downstream characteristics

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

☒ Yes ☐ No

If yes, discuss how.

At the discharge point, the creek bed is normally dry. Downstream from the discharge point, approx. 650' there is an existing small stock tank that is normally dry. From the stock tank flow re-enters the stream and thence flows into a water quality pond with a permanent water surface. From the water quality pond flow re-enters the natural stream bed again and is normally dry for approximately 1300 ft. From this point on there are numerous seeps and springs that may be perennial, resulting in a gradual increase in base flow.

E. Normal dry weather characteristics

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

Stream bed is normally dry for approx. 3,200 ft except at the existing storm water quality wet pond. No flow is observed out of the pond except during significant rainfall events. From approx. 3,200 ft downstream of discharge point, seeps and springs are observed resulting in a gradual increase in flow base.

Date and time of observation: 02/10/11

Was the water body influenced by stormwater runoff during observations?

☐ Yes ☒ No

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

A. Upstream influences

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

☐ Oil field activities
☐ Urban runoff
☐ Upstream discharges
☐ Agricultural runoff
☐ Septic tanks
☒ Other(s), specify: NA, Discharge is at headwaters of Bear Creek

B. Waterbody uses

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

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

C. Waterbody aesthetics

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

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

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 3.0: LAND DISPOSAL OF EFFLUENT

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

Section 1. Type of Disposal System (Instructions Page 68)

Identify the method of land disposal:

- ☐ Surface application
- ☐ Irrigation
- ☐ Drip irrigation system
- ☐ Evaporation
- ☐ Other (describe in detail): Click to enter text.
- ☐ Subsurface application
- ☐ Subsurface soils absorption
- ☒ Subsurface area drip dispersal system
- ☐ Evapotranspiration beds

NOTE: All applicants without authorization or proposing new/amended subsurface disposal MUST complete and submit Worksheet 7.0.

For existing authorizations, provide Registration Number: R14293-001 to meet permit settlement agreement number 4.

Section 2. Land Application Site(s) (Instructions Page 68)

In table 3.0(1), provide the requested information for the land application sites. Include the agricultural or cover crop type (wheat, cotton, alfalfa, bermuda grass, native grasses, etc.), land use (golf course, hayland, pastureland, park, row crop, etc.), irrigation area, amount of effluent applied, and whether or not the public has access to the area. Specify the amount of land area and the amount of effluent that will be allotted to each agricultural or cover crop, if more than one crop will be used.

Table 3.0(1) – Land Application Site Crops

Crop Type & Land Use	Irrigation Area (acres)	Effluent Application (GPD)	Public Access? Y/N
Bermuda grass/rye mix. Vegetative mixture of native, warm and cool vegetation. Pasture land use.	35	0.150	N

Section 3. Storage and Evaporation Lagoons/Ponds (Instructions Page 68)

Table 3.0(2) – Storage and Evaporation Ponds

Pond Number	Surface Area (acres)	Storage Volume (acre-feet)	Dimensions	Liner Type
Eff. Tank	Closed top tank	333,000 gal	59’ Dia x 16’	Bolted steel tank
Eff. Tank	25,446.9 SF	5.25 Mil Gal	180’ Dia x 30’	Concrete tank

Attach a copy of a liner certification that was prepared, signed, and sealed by a Texas licensed professional engineer for each pond.

Attachment: NA

Section 4. Flood and Runoff Protection (Instructions Page 68)

Is the land application site within the 100-year frequency flood level?

☐ Yes ☒ No

If yes, describe how the site will be protected from inundation.

Click to enter text.

Provide the source used to determine the 100-year frequency flood level:

FEMA Flood Mapping. See Attachment 10 for FEMA Flood Map.

Provide a description of tailwater controls and rainfall run-on controls used for the land application site.

Subsurface drip irrigation rate precludes existence of tailwater. Upslope drainage is diverted from the subsurface irrigation areas.

Section 5. Annual Cropping Plan (Instructions Page 68)

Attach an Annual Cropping Plan which includes a discussion of each of the following items. If not applicable, provide a detailed explanation indicating why. **Attachment**: Submitted with 06/18/01 application

- Soils map with crops
- Cool and warm season plant species
- Crop yield goals
- Crop growing season
- Crop nutrient requirements
- Additional fertilizer requirements
- Minimum/maximum harvest height (for grass crops)
- Supplemental watering requirements
- Crop salt tolerances
- Harvesting method/number of harvests
- Justification for not removing existing vegetation to be irrigated

Section 6. Well and Map Information (Instructions Page 69)

Attach a USGS map with the following information shown and labeled. If not applicable, provide a detailed explanation indicating why. **Attachment**: Submitted with 06/18/01 application.

- The boundaries of the land application site(s)
- Waste disposal or treatment facility site(s)
- On-site buildings
- Buffer zones
- Effluent storage and tailwater control facilities
- All water wells within 1-mile radius of the disposal site or property boundaries
- All springs and seeps onsite and within 500 feet of the property boundaries
- All surface waters in the state onsite and within 500 feet of the property boundaries
- All faults and sinkholes onsite and within 500 feet of the property

List and cross reference all water wells located within a half-mile radius of the disposal site or property boundaries shown on the USGS map in the following table. Attach additional pages as necessary to include all of the wells.

Table 3.0(3) – Water Well Data

Well ID	Well Use	Producing? Y/N	Open, cased, capped, or plugged?	Proposed Best Management Practice
			Choose an item.	
			Choose an item.	
			Choose an item.	
			Choose an item.	
			Choose an item.	

If water quality data or well log information is available please include the information in an attachment listed by Well ID.

Attachment: Click to enter text.

Section 7. Groundwater Quality (Instructions Page 69)

Attach a Groundwater Quality Technical Report which assesses the impact of the wastewater disposal system on groundwater. This report shall include an evaluation of the water wells (including the information in the well table provided in Item 6. above), the wastewater application rate, and pond liners. Indicate by a check mark that this report is provided.

Attachment: Submitted with 06/18/01 application

Are groundwater monitoring wells available onsite? ☐ Yes ☒ No

Do you plan to install ground water monitoring wells or lysimeters around the land application site? ☐ Yes ☒ No

If yes, provide the proposed location of the monitoring wells or lysimeters on a site map.

Attachment: Click to enter text.

Section 8. Soil Map and Soil Analyses (Instructions Page 70)

A. Soil map

Attach a USDA Soil Survey map that shows the area to be used for effluent disposal.

Attachment: Submitted with 06/18/01 application

B. Soil analyses

Attach the laboratory results sheets from the soil analyses. **Note**: for renewal applications, the current annual soil analyses required by the permit are acceptable as long as the test date is less than one year prior to the submission of the application.

Attachment: 8

List all USDA designated soil series on the proposed land application site. Attach additional pages as necessary.

Table 3.0(4) – Soil Data

Soil Series	Depth from Surface	Permeability	Available Water Capacity	Curve Number

Section 9. Effluent Monitoring Data (Instructions Page 71)

Is the facility in operation?

☒ Yes ☐ No

If no, this section is not applicable and the worksheet is complete.

If yes, provide the effluent monitoring data for the parameters regulated in the existing permit. If a parameter is not regulated in the existing permit, enter N/A.

Table 3.0(5) – Effluent Monitoring Data

Date	30 Day Avg Flow MGD	BOD5 mg/l	TSS mg/l	pH	Chlorine Residual mg/l	Acres irrigated
See Attachment 9						

Date	30 Day Avg Flow MGD	BOD5 mg/l	TSS mg/l	pH	Chlorine Residual mg/l	Acres irrigated

Provide a discussion of all persistent excursions above the permitted limits and any corrective actions taken.

Click to enter text.

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 6.0: INDUSTRIAL WASTE CONTRIBUTION

The following **is required** for **all publicly owned treatment works**.

Section 1. All POTWs (Instructions Page 89)

A. Industrial users (IUs)

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

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

Categorical IUs:

Number of IUs: 0

Average Daily Flows, in MGD: Click to enter text.

Significant IUs – non-categorical:

Number of IUs: 0

Average Daily Flows, in MGD: Click to enter text.

Other IUs:

Number of IUs: 0

Average Daily Flows, in MGD: Click to enter text.

B. Treatment plant interference

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

☐ Yes ☒ No

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

Click to enter text.

C. Treatment plant pass through

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

☐ Yes ☒ No

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

Click to enter text.

D. Pretreatment program

Does your POTW have an approved pretreatment program?

☐ Yes ☒ No

If yes, complete Section 2 only of this Worksheet.

Is your POTW required to develop an approved pretreatment program?

☐ Yes ☒ No

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

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

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

A. Substantial modifications

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

☐ Yes ☐ No

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

Click to enter text.

B. Non-substantial modifications

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

☐ Yes ☐ No

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

Click to enter text.

C. Effluent parameters above the MAL

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

Table 6.0(1) – Parameters Above the MAL

Pollutant	Concentration	MAL	Units	Date

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: NA / No SIUs

SIC Code: Click to enter text.

Contact name: Click to enter text.

Address: Click to enter text.

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

Telephone number: Click to enter text.

Email address: Click to enter text.

B. Process information

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

Click to enter text.

C. Product and service information

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

Click to enter text.

D. Flow rate information

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

Process Wastewater:

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

Discharge Type: ☐ Continuous ☐ Batch ☐ Intermittent

Non-Process Wastewater:

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

Discharge Type: ☐ Continuous ☐ Batch ☐ Intermittent

E. Pretreatment standards

Is the SIU or CIU subject to technically based local limits as defined in the *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.

WORKSHEET 7.0

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

CLASS V INJECTION WELL INVENTORY/AUTHORIZATION FORM

Submit the completed form to:

TCEQ
IUC Permits Team
Radioactive Materials Division
MC-233
PO Box 13087
Austin, Texas 78711-3087
512-239-6466

For TCEQ Use Only
Reg. No._____
Date Received_____
Date Authorized_____

Section 1. General Information (Instructions Page 92)

1. TCEQ Program Area

Program Area (PST, VCP, IHW, etc.): Municipal Wastewater Permitting Team

Program ID: WQ0014293001

Contact Name: Matthew Udenenwu

Phone Number: 512-239-6922

2. Agent/Consultant Contact Information

Contact Name: Lauren Barzilla, P.E.

Address: 235 Ledge Stone Drive

City, State, and Zip Code: Austin, TX 78737

Phone Number: 512-432-1000

3. Owner/Operator Contact Information

☒ Owner ☐ Operator

Owner/Operator Name: Hays Co. WCID No. 1 CN600688246

Contact Name: Matt Kutac

Address: 3321 Bee Caves Road Suite 203

City, State, and Zip Code: Austin, TX 78746

Phone Number: 512-983-7949

4. Facility Contact Information

Facility Name: Hays Co. WCID No. 1 WWTP RN102187630

Address: 12930 Nutty Brown Rd

City, State, and Zip Code: Austin, TX 78737

Location description (if no address is available): Click to enter text.

Facility Contact Person: Lonnie Wright

Phone Number: 281-367-5511

5. **Latitude and Longitude, in degrees-minutes-seconds**

Latitude: N 30˚ 11’ 29”

Longitude: W 97˚ 58’ 27”

Method of determination (GPS, TOPO, etc.): State Plane Coordinates

Attach topographic quadrangle map as attachment A.

6. **Well Information**

Type of Well Construction, select one:

- ☐ Vertical Injection
- ☐ Subsurface Fluid Distribution System
- ☐ Infiltration Gallery
- ☐ Temporary Injection Points
- ☒ Other, Specify: SADDS

Number of Injection Wells: Click to enter text.

7. **Purpose**

Detailed Description regarding purpose of Injection System:

Disposal of Treated Effluent from the Hays County WCID No. 1 WWTP via drip irrigation areas (SADDS)

Attach a Site Map as Attachment B (Attach the Approved Remediation Plan, if appropriate.)

8. **Water Well Driller/Installer**

Water Well Driller/Installer Name: N/A

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

Phone Number: Click to enter text.

License Number: Click to enter text.

Section 2. Proposed Down Hole Design

Attach a diagram signed and sealed by a licensed engineer as Attachment C.

Table 7.0(1) – Down Hole Design Table

Name of String	Size	Setting Depth	Sacks Cement/Grout – Slurry Volume – Top of Cement	Hole Size	Weight (lbs/ft) PVC/Steel
Casing	N/A	N/A	N/A	N/A	N/A
Tubing	N/A	N/A	N/A	N/A	N/A
Screen	N/A	N/A	N/A	N/A	N/A

Section 3. Proposed Trench System, Subsurface Fluid Distribution System, or Infiltration Gallery

Attach a diagram signed and sealed by a licensed engineer as Attachment D.

System(s) Dimensions: Click to enter text.

System(s) Construction: Click to enter text.

Section 4. Site Hydrogeological and Injection Zone Data

1. Name of Contaminated Aquifer: N/A

2. Receiving Formation Name of Injection Zone: Above Glen Rose

3. Well/Trench Total Depth: 6”

4. Surface Elevation: Click to enter text.

5. Depth to Ground Water: Click to enter text.

6. Injection Zone Depth: Click to enter text.

7. Injection Zone vertically isolated geologically? ☐ Yes ☐ No

Impervious Strata between Injection Zone and nearest Underground Source of Drinking Water:

Name: Click to enter text.

Thickness: Click to enter text.

8. Provide a list of contaminants and the levels (ppm) in contaminated aquifer

Attach as Attachment E.

9. Horizontal and Vertical extent of contamination and injection plume

Attach as Attachment F.

10. Formation (Injection Zone) Water Chemistry (Background levels) TDS, etc.

Attach as Attachment G.

11. Injection Fluid Chemistry in PPM at point of injection

Attach as Attachment H.

12. Lowest Known Depth of Ground Water with < 10,000 PPM TDS: N/A

13. Maximum injection Rate/Volume/Pressure: 0.1 GPD/SF

14. Water wells within 1/4 mile radius (attach map as Attachment I): Click to enter text.

15. Injection wells within 1/4 mile radius (attach map as Attachment J): Click to enter text.

16. Monitor wells within 1/4 mile radius (attach drillers logs and map as Attachment K): Click to enter text.

17. Sampling frequency: Click to enter text.

18. Known hazardous components in injection fluid: Click to enter text.

Section 5. Site History

1. Type of Facility: Disposal for Treated Effluent
2. Contamination Dates: N/A
3. Original Contamination (VOCs, TPH, BTEX, etc.) and Concentrations (attach as Attachment L): N/A
4. Previous Remediation (attach results of any previous remediation as attachment M): N/A

NOTE: Authorization Form should be completed in detail and authorization given by the TCEQ before construction, operation, and/or conversion can begin. Attach additional pages as necessary.

Class V Injection Well Designations

5A07 Heat Pump/AC return (IW used for groundwater to heat and/or cool buildings)
5A19 Industrial Cooling Water Return Flow (IW used to cool industrial process equipment)
5B22 Salt Water Intrusion Barrier (IW used to inject fluids to prevent the intrusion of salt water into an aquifer)
5D02 Storm Water Drainage (IW designed for the disposal of rain water)
5D04 Industrial Stormwater Drainage Wells (IW designed for the disposal of rain water associated with industrial facilities)
5F01 Agricultural Drainage (IW that receive agricultural runoff)
5R21 Aquifer Recharge (IW used to inject fluids to recharge an aquifer)
5S23 Subsidence Control Wells (IW used to control land subsidence caused by ground water withdrawal)
5W09 Untreated Sewage
5W10 Large Capacity Cesspools (Cesspools that are designed for 5,000 gpd or greater)
5W11 Large Capacity Septic systems (Septic systems designed for 5,000 gpd or greater)
5W12 WTTP disposal
5W20 Industrial Process Waste Disposal Wells
5W31 Septic System (Well Disposal method)
5W32 Septic System Drainfield Disposal
5X13 Mine Backfill (IW used to control subsidence, dispose of mining byproducts, and/or fill sections of a mine)
5X25 Experimental Wells (Pilot Test) (IW used to test new technologies or tracer dye studies)
5X26 Aquifer Remediation (IW used to clean up, treat, or prevent contamination of a USDW)
5X27 Other Wells
5X28 Motor Vehicle Waste Disposal Wells (IW used to dispose of waste from a motor vehicle site - These are currently banned)
5X29 Abandoned Drinking Water Wells (waste disposal)

Table of Contents

ATTACHMENT 1
-
CORE DATA FORM

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 600688246		RN 102187630

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:*

Hays County WCID No. 1

7. TX SOS/CPA Filing Number	8. TX State Tax ID (11 digits)	9. Federal Tax ID (9 digits)	10. DUNS Number *(if applicable)*

11. Type of Customer:

☐ Corporation ☐ Individual Partnership: ☐ General ☐ Limited
Government: ☐ City ☐ County ☐ Federal ☐ Local ☐ State ☒ Other ☐ Sole Proprietorship ☒ Other: Utility District

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
☐ Occupational Licensee ☐ Responsible Party ☐ VCP/BSA Applicant ☐ Other:

15. Mailing Address:

3321 Bee Caves Road Suite 203

City	Austin	State	TX	ZIP	78746	ZIP + 4	

16. Country Mailing Information *(if outside USA)*	17. E-Mail Address *(if applicable)*
	mkutac@mbkfirm.com

18. Telephone Number	19. Extension or Code	20. Fax Number *(if applicable)*

(512) 615-0503		( ) -

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.)*

Hays County Water Control and Improvement District No. 1

23. Street Address of the Regulated Entity: ***(No PO Boxes)***	12930 Nutty Brown Road							
	City	Austin	**State**	TX	**ZIP**	78737	**ZIP + 4**	
24. County	Hays							

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

25. Description to Physical Location:					
26. Nearest City			**State**	**Nearest ZIP Code**	
City of Dripping Springs			TX	78620	

Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).

27. Latitude (N) In Decimal:			**28. Longitude (W) In Decimal:**			
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds	
N30	11	29	W97	58	27	

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			

33. What is the Primary Business of this entity? *(Do not repeat the SIC or NAICS description.)*

Utility District provides water, wastewater, and storm sewer services to District customers

34. Mailing Address:	**151 Trinity Hills Dr.**							
	City	**Austin**	**State**	**TX**	**ZIP**	**78737**	**ZIP + 4**	
35. E-Mail Address:	**bwright@municipalops.com**							

36. Telephone Number	**37. Extension or Code**	**38. Fax Number** *(if applicable)*
(512) 686-1660		( ) -

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

☐ Dam Safety	☒ Districts	☒ Edwards Aquifer	☐ Emissions Inventory Air	☐ Industrial Hazardous Waste
☐ Municipal Solid Waste	☐ New Source Review Air	☐ OSSF	☐ Petroleum Storage Tank	☐ PWS
☐ Sludge	☐ Storm Water	☐ Title V Air	☐ Tires	☐ Used Oil
☐ Voluntary Cleanup	☒ Wastewater	☐ Wastewater Agriculture	☐ Water Rights	☐ Other:

SECTION IV: Preparer Information

40. Name:	Lauren Barzilla	**41. Title:**	District Engineer

42. Telephone Number	**43. Ext./Code**	**44. Fax Number**	**45. E-Mail Address**
(512) 432-1000		(512) 432-1015	lauren.barzilla@burgessniple.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:	Burgess & Niple, Inc.	**Job Title:**	Project Engineer
Name *(In Print)*:	Lauren Barzilla	**Phone:**	(512) 432- **1000**
Signature:		**Date:**	9-16-2024

ATTACHMENT 2
-
SPIF

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: Hays County WCID No. 1

   Permit No. WQ00 14293-001 EPA ID No. TX 0124865

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

   12930 Nutty Brown Road, Austin, TX 78737

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): Click here to enter text.

First and Last Name: Lonnie Wright

Credential (P.E, P.G., Ph.D., etc.): Click here to enter text.

Title: District Operator

Mailing Address: 20141 Schiel Road

City, State, Zip Code: Cypress, TX 77433

Phone No.: 281-367-5511 Ext.: Click here to enter text. Fax No.: Click here to enter text.

E-mail Address: lwright@municipalops.com

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

N/A

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

Treated effluent flows from a 333,000 gallon ground storage tank then to a 5.25 million gallon concrete effluent holding tank before being applied to beneficial reuse areas located throughout the Belterra subdivision permitted under TCEQ Chapter 210 rules. When discharged to Outfall 002, effluent will be pumped from a 333,000 gallon ground storage tank to the headwaters of Bear Creek, then to Onion Creek in Segment No. 1427 of the Colorado River Basin. Treated effluent will only discharge into Bear Creek when permit conditions are met (Outfall No. 002).

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):

All WWTP improvements and disposal areas have been constructed.

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

Existing disturbances were from construction of WWTP facilities and normal WWTP operations. The vegetation consists of native and non-native grasses. Land space is open space/green belts and treated effluent disposal.

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.

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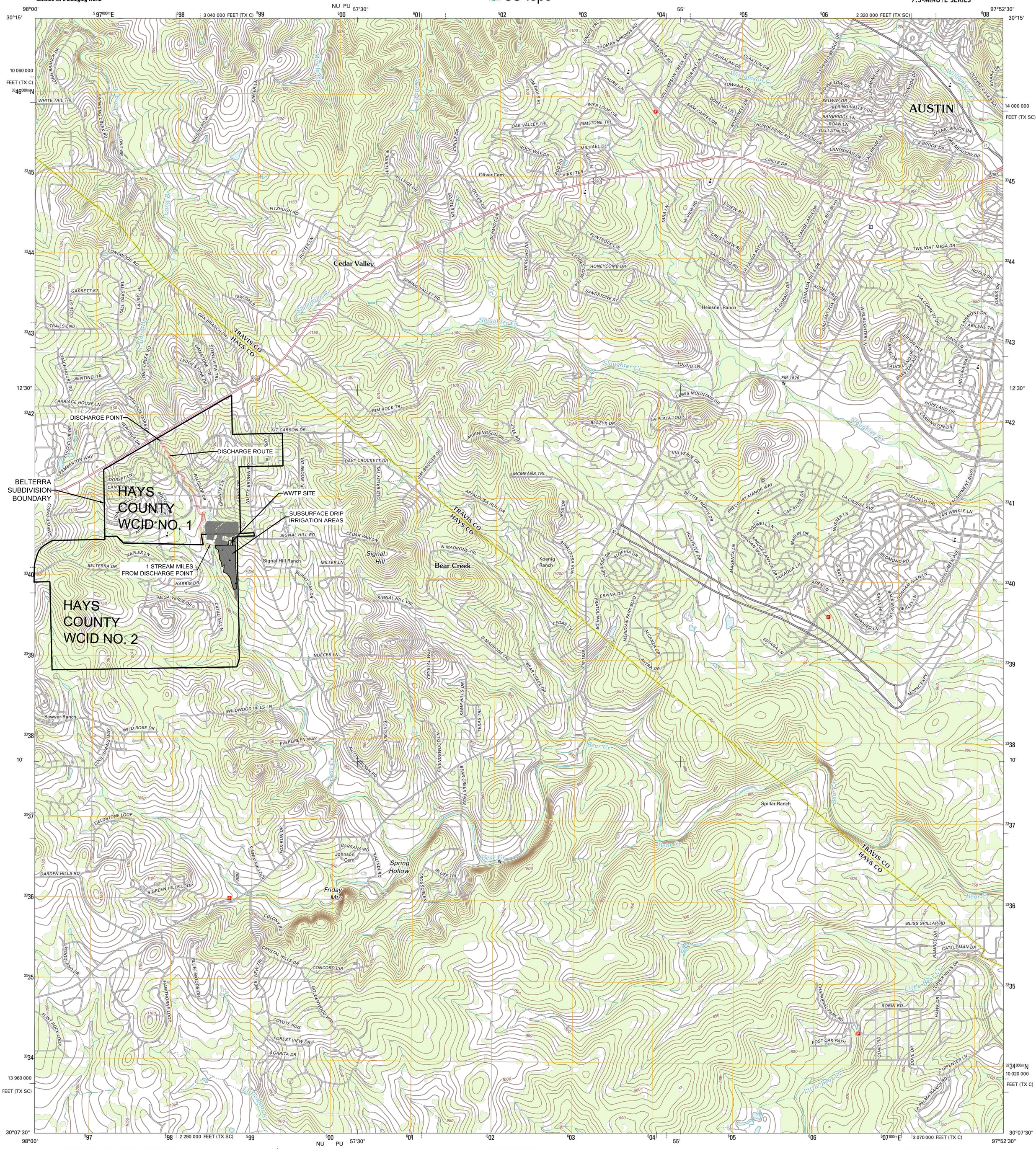
SIGNAL HILL QUADRANGLE
TEXAS
7.5-MINUTE SERIES



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10 000-foot ticks: Texas Coordinate System of 1983 (south central and central zones)

Imagery.....NAIP, May 2010
Roads.....©2006-2012 TomTom
Names.....GNIS, 2012
Hydrography.....National Hydrography Dataset, 2010
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UTM GRID AND 2013 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
MN 4° 29' 80 MILS
GN 0° 32' 9 MILS

U.S. National Grid
100,000-m Square ID
600 NU PU
Grid Zone Designation 14R

SCALE 1:24 000
1 0.5 0 KILOMETERS 1 2
1000 500 0 METERS 1000 2000
1 0.5 0 1 MILES
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000 FEET

CONTOUR INTERVAL 10 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 0.6.7

QUADRANGLE LOCATION

Shingle Hills	Bee Cave	Austin West
Dripping Springs	Signal Hill	Oak Hill
Driftwood	Mountain City	Buda

ADJOINING 7.5' QUADRANGLES

ROAD CLASSIFICATION
Interstate Route
US Route
Ramp
State Route
Local Road
4WD
Interstate Route US Route State Route

SIGNAL HILL, TX
2013

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SIGNAL HILL QUADRANGLE
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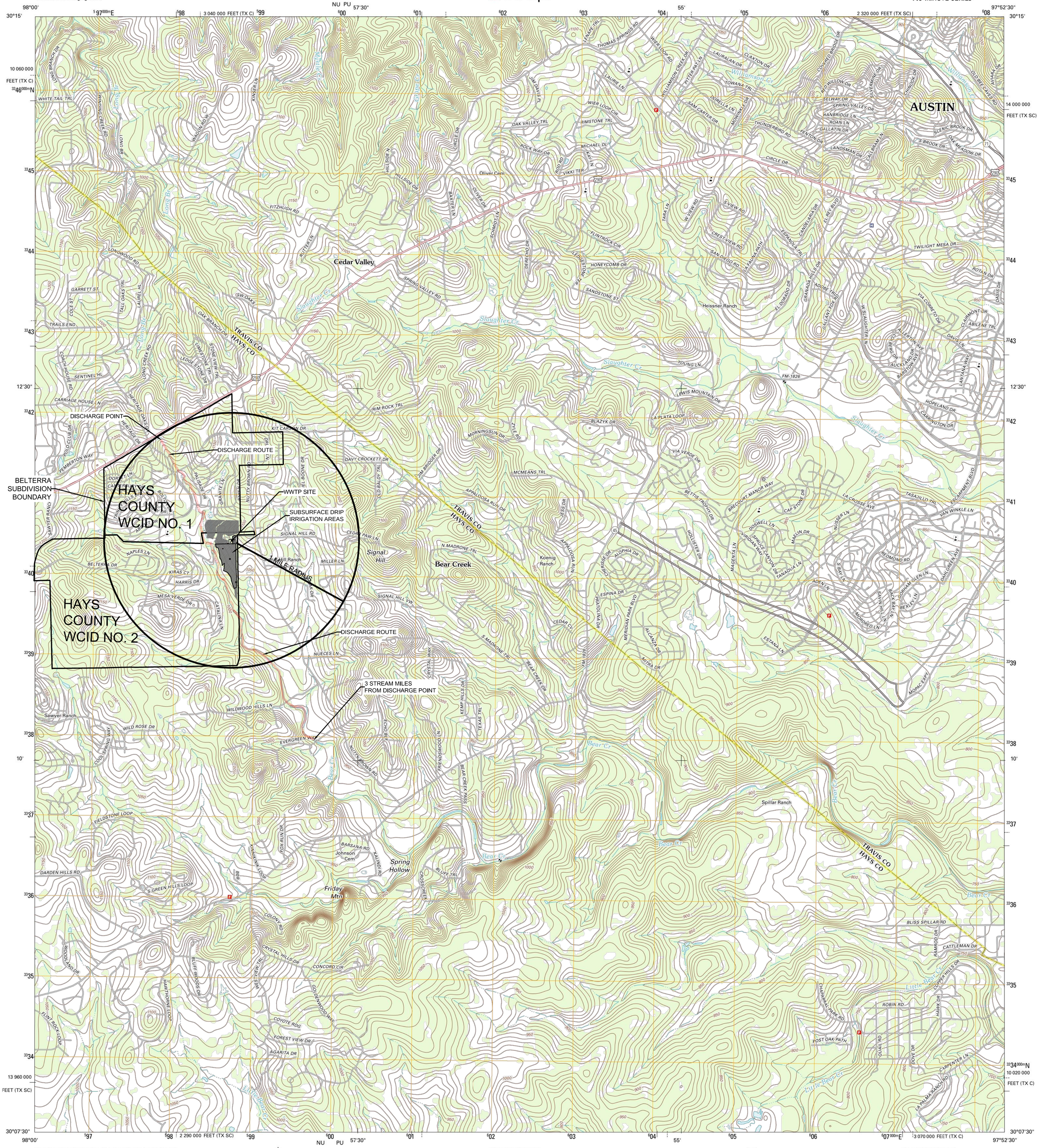

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ROAD CLASSIFICATION
Interstate Route
US Route
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Interstate Route US Route State Route

SIGNAL HILL, TX
2013

ATTACHMENT 3
-
PLAIN LANGUAGE SUMMARY

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

PLAIN LANGUAGE SUMMARY FOR TPDES OR TLAP PERMIT APPLICATIONS

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

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

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

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

ENGLISH TEMPLATE FOR TPDES or TLAP NEW/RENEWAL/AMENDMENT APPLICATIONS
Enter 'INDUSTRIAL' or 'DOMESTIC' here WASTEWATER/STORMWATER
The following summary is provided for this pending water quality permit application being reviewed by the Texas Commission on Environmental Quality as required by 30 TAC Chapter 39. The information provided in this summary may change during the technical review of the application and is not a federal enforceable representation of the permit application.

Hays County WCID No. 1 (CN600688246) operates Hays Co. WCID No. 1 Wastewater Facilities (RN102187630), a wastewater treatment facility. The facility is located at 12930 Nutty Brown Road, in Austin, Hays County, Texas 78737. Hays County WCID No. 1 seeks a renewal of the existing permit for the facility. This permit will authorize conditional discharge of pollutants into water in the state.

Discharges from the facility are expected to contain CBOD, TSS, Total Nitrogen, Ammonia Nitrogen, Total Phosphorous, E. Coli. Municipal discharge is treated by membrane bio-reactor with headworks (flow EQ basin and primary clarifier) aeration basins, anoxic basins, and UV light disinfection. Sludge waste is disposed of by a licensed hauler.

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

AGUAS RESIDUALES Domésticas **/AGUAS PLUVIALES**

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

Hays County WCID No. 1 (CN600688246) opera Hays County WWTP RN102187630, una planta de tratamiento de aguas residuales domésticas. La instalación está ubicada en 12930 Nutty Brown Road, en Austin, Condado de Hays, Texas 78737. Hays Co. WCID 1 desea la renovación del permiso de solicitud de tratamiento de aguas residuales. *<<Para las solicitudes de TLAP incluya la siguiente oración, de lo contrario, elimine:>>* Este permiso no autorizará una descarga de contaminantes en el agua en el estado.

Se espera que las descargas de la instalación contengan DBO, Total de sólidos suspendidos, Nitrógeno Total, Fósforo total, y E. coli. Descargo municipal. está tratado por bio reactor con eliminación de sólidos (cuenca de equalización de flujo de aguas y clarificador primario) cuencas de aeración, cuencas anóxicas, y luces ultravioletas para desinfección. Residuos sólidos son transportados por un transportador certificado.

ATTACHMENT 4
-
USGS MAPPING

INSERTED 22 X 34 MAPPING

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TEXAS
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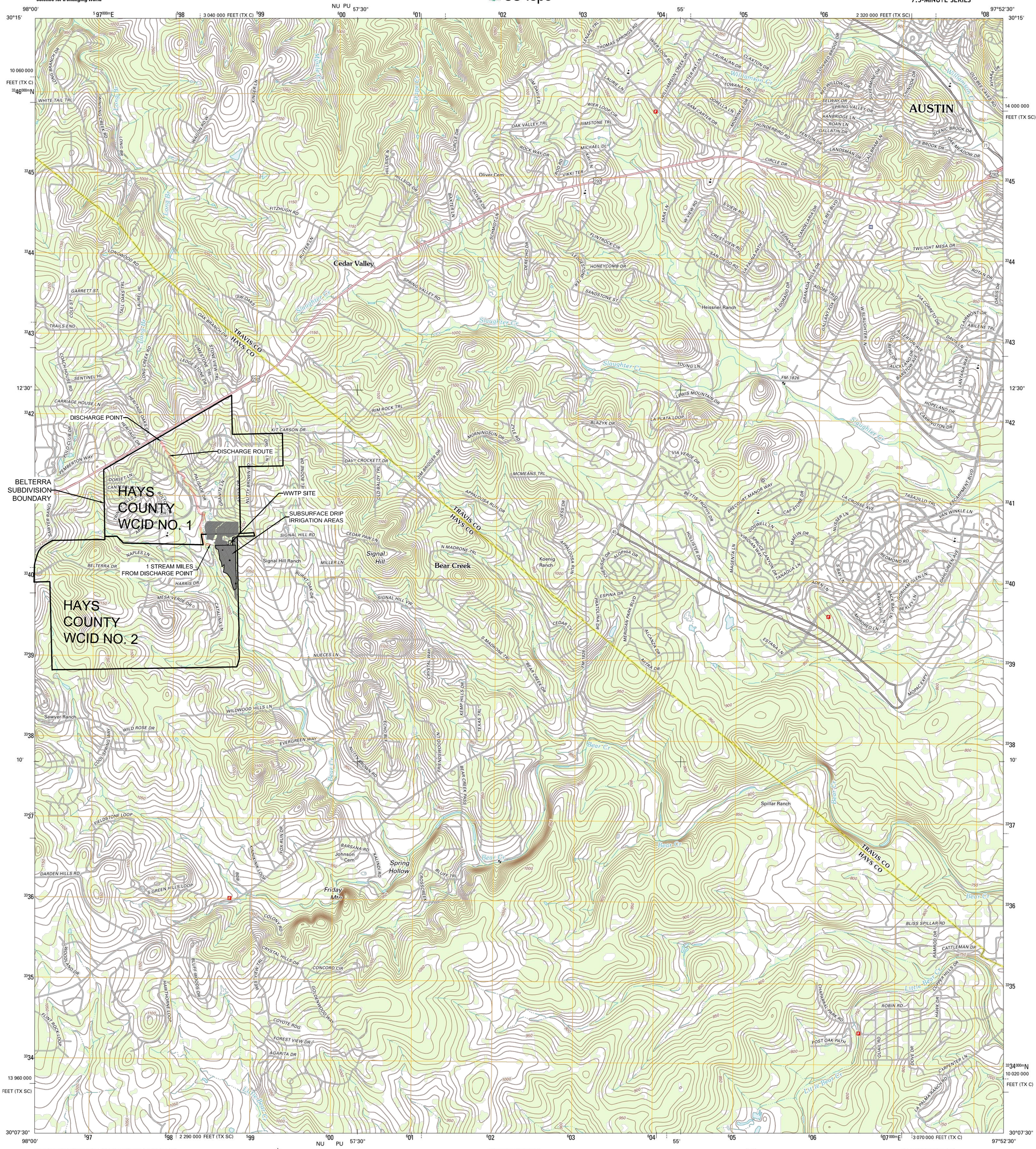

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ADJOINING 7.5' QUADRANGLES

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Ramp
State Route
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4WD
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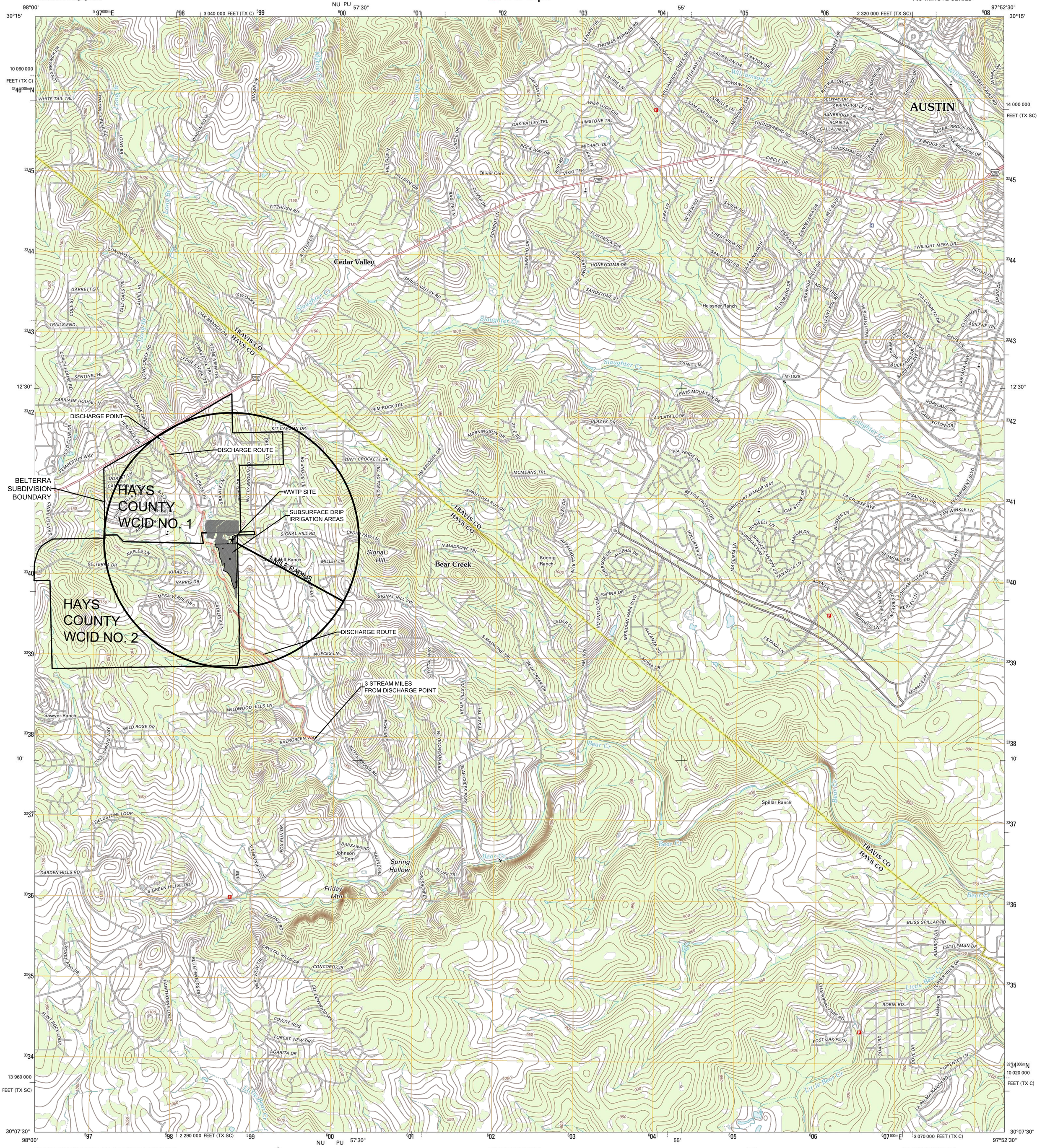

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Interstate Route US Route State Route

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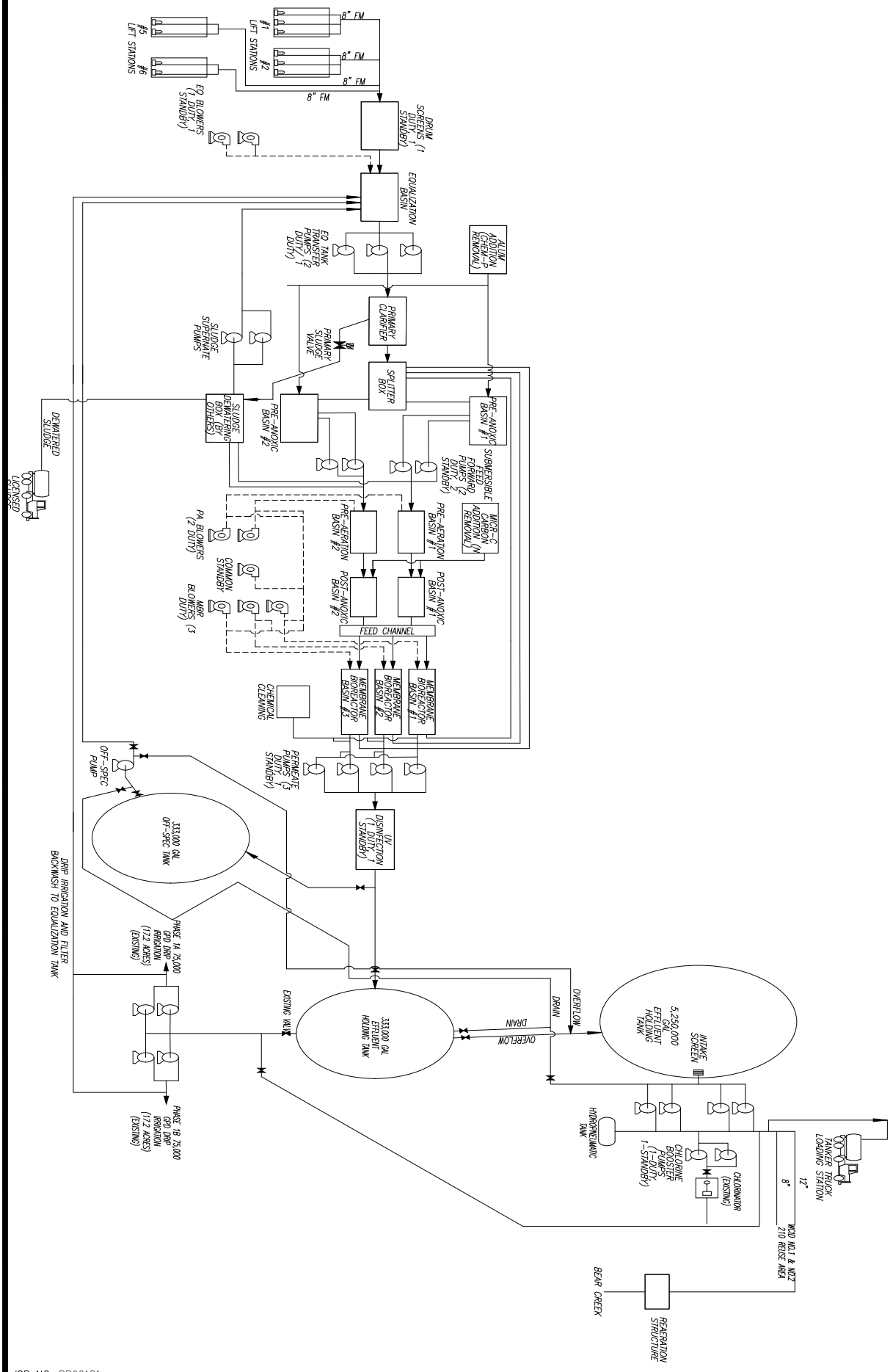
ATTACHMENT 5
-
WWTP PERMITTED FLOWS

Permitted Flows	Current Operating/Final Phase	
	Outfall 001	Outfall 002
Design Flow (MGD)	0.150	0.350
2-Hr Peak Flow (MGD)	0.600	1.400
Date construction estimated to commence	In Operation	In Operation
Date waste disposal estimated to commence	In Operation	In Operation

ATTACHMENT 6
-
PROCESS FLOW DIAGRAM



JOB NO.: PR62181

BURGESS & NIPLE, INC.
235 LEDGE STONE DRIVE
AUSTIN, TEXAS 78737
(512) 432-1000 Fax: (512) 432-1015
PELS Registration Firm No. 10834

HAYS COUNTY WCIS No. 1

PROCESS FLOW DIAGRAM

EXHIBIT
6

ATTACHMENT 7
-
PREVIOUS TCEQ APPROVALS

Date of Approvals and Approval Letters

Original 150,000 GPD WWTP w/Drip Irrigation System	7/15/2003
5.25 Effluent Holding Tank	9/4/2009
333,000 Off-Spec Tank	10/27/2009
0.500 MGD MBR WWTP and Reuse Pump Station	5/13/2010

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

September 4, 2009

MR JOHN A CRUMLEY PE
CMA ENGINEERING INC
14101 WEST HIGHWAY 290 BLDG 600
AUSTIN TX 78737

Re: HAYS COUNTY WCID 1
5.25 MG EFFLUENT HOLDING TANK
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY PERMIT NO 14293-001
WWPR LOG NO 0909/008
CN600688246 RN102187630
HAYS COUNTY

Dear Mr. Crumley:

We have received the project summary transmittal letter dated August 25, 2009.

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

Section 217.6(d), relating to case-by-case reviews, states in part that upon submittal of a summary transmittal letter, the executive director may approve of the project without reviewing a complete set of plans and specifications.

Under the authority of §217.6(e) a technical review of complete plans and specifications is not required. **However, the project proposed in the summary transmittal letter is approved for construction. Please note, that this conditional approval does not relieve the applicant of any responsibilities to obtain all other necessary permits or authorizations, such as wastewater treatment permit or other authorization as required by Chapter 26 of the Texas Water Code.** Below are provisions of the Chapter 217 regulations, which must be met as a condition of approval. These items are provided as a reminder. If you have already met these requirements, please disregard this additional notice.

1. You must keep certain materials on file for the life of the project and provide them to TCEQ upon request. These materials include an engineering report, test results, a summary transmittal letter, and the final version of the project plans and specifications. These materials shall be prepared and sealed by a Professional Engineer licensed in the State of Texas and must show substantial compliance with Chapter 217. All plans and specifications must conform to any waste discharge requirements authorized in a permit by the TCEQ. Certain specific items which shall be addressed in the engineering report are discussed in §217.6(c). Additionally, the engineering report must include all constants, graphs, equations, and calculations needed to show substantial compliance with Chapter 217. The items which shall be included in the summary transmittal letter are addressed in §217.6(c)(1)-(10).

2. Any deviations from Chapter 217 shall be disclosed in the summary transmittal letter and the technical justifications for those deviations shall be provided in the engineering report. Any deviations from Chapter 217 shall be based on the best professional judgement of the licensed professional engineer sealing the materials and the engineer's judgement that the design would not result in a threat to public health or the environment.

3. Any variance from a Chapter 217 requirement disclosed in your summary transmittal letter is approved. If in the future, additional variances from the Chapter 217 requirements are desired for the project, each variance must be requested in writing by the design engineer. Then, the TCEQ will consider granting a written approval to the variance from the rules for the specific project and the specific circumstances.

4. Within 60 days of the completion of construction, an appointed engineer shall notify both the Wastewater Permits Section of the TCEQ and the appropriate Region Office of the date of completion. The engineer shall also provide written certification that all construction, materials, and equipment were substantially in accordance with the approved project, the rules of the TCEQ, and any change orders filed with the TCEQ. All notifications, certifications, and change orders must include the signed and dated seal of a Professional Engineer licensed in the State of Texas.

This approval does not mean that future projects will be approved without a complete plans and specifications review. The TCEQ will provide a notification of intent to review whenever a project is to undergo a complete plans and specifications review. Please be reminded of §217.5 of the rules which states, "Approval given by the executive director...shall not relieve the sewerage system owner or the design engineer of any liabilities or responsibilities with respect to the proper design, construction, or authorized operation of the project in accordance with applicable commission rules."

If you have any questions or if we can be of any further assistance, please call me at (512) 239-4552.

Sincerely,

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

LCH/ms

cc: TCEQ, Region 11 Office

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

October 27, 2009

MR JOHN A CRUMLEY PE
CMA ENGINEERING INC
235 LEDGE STONE DR
AUSTIN TX 78737

Re: HAYS COUNTY WCID 1
ADDITION OF THE OFF SPEC TANK
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY PERMIT NO 14293-001
WWPR LOG NO 0909/008
CN600688246 RN102187630
HAYS COUNTY

Dear Mr. Crumley:

We have received the project summary transmittal letter dated October 22, 2009.

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

Section 217.6(d), relating to case-by-case reviews, states in part that upon submittal of a summary transmittal letter, the executive director may approve of the project without reviewing a complete set of plans and specifications.

Under the authority of §217.6(e) a technical review of complete plans and specifications is not required. **However, the project proposed in the summary transmittal letter is approved for construction. Please note, that this conditional approval does not relieve the applicant of any responsibilities to obtain all other necessary permits or authorizations, such as wastewater treatment permit or other authorization as required by Chapter 26 of the Texas Water Code.** Below are provisions of the Chapter 217 regulations, which must be met as a condition of approval. These items are provided as a reminder. If you have already met these requirements, please disregard this additional notice.

1. You must keep certain materials on file for the life of the project and provide them to TCEQ upon request. These materials include an engineering report, test results, a summary transmittal letter, and the final version of the project plans and specifications. These materials shall be prepared and sealed by a Professional Engineer licensed in the State of Texas and must show substantial compliance with Chapter 217. All plans and specifications must conform to any waste discharge requirements authorized in a permit by the TCEQ. Certain specific items which shall be addressed in the engineering report are discussed in §217.6(c). Additionally, the engineering report must include all constants, graphs, equations, and calculations needed to show substantial compliance with Chapter 217. The items which shall be included in the summary transmittal letter are addressed in §217.6(c)(1)-(10).

2. Any deviations from Chapter 217 shall be disclosed in the summary transmittal letter and the technical justifications for those deviations shall be provided in the engineering report. Any deviations from Chapter 217 shall be based on the best professional judgement of the licensed professional engineer sealing the materials and the engineer's judgement that the design would not result in a threat to public health or the environment.

3. Any variance from a Chapter 217 requirement disclosed in your summary transmittal letter is approved. If in the future, additional variances from the Chapter 217 requirements are desired for the project, each variance must be requested in writing by the design engineer. Then, the TCEQ will consider granting a written approval to the variance from the rules for the specific project and the specific circumstances.

4. Within 60 days of the completion of construction, an appointed engineer shall notify both the Wastewater Permits Section of the TCEQ and the appropriate Region Office of the date of completion. The engineer shall also provide written certification that all construction, materials, and equipment were substantially in accordance with the approved project, the rules of the TCEQ, and any change orders filed with the TCEQ. All notifications, certifications, and change orders must include the signed and dated seal of a Professional Engineer licensed in the State of Texas.

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If you have any questions or if we can be of any further assistance, please call me at (512) 239-4552.

Sincerely,

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

LCH/ms

cc: TCEQ, Region 11 Office

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

May 13, 2010

MR ROBERT P CALLEGARI PE
CMA ENGINEERING INC
235 LEDGE STONE DR
AUSTIN TX 78737

Re: HAYS COUNTY WCID 1
HAYS COUNTY WCID 1 PHASE 2 - 500,000 GPD MBR WWTP
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY PERMIT NO 14293-001
WWPR LOG NO 0110/059
CN600688246 RN102187630
HAYS COUNTY

Dear Mr. Callegari:

We have completed our review of the engineering drawings and technical specifications submitted with your letter of January 26, 2010. The rules which regulate the design, installation and testing of domestic wastewater projects are found in 30 TAC, Chapter 217, of the Texas Commission on Environmental Quality (TCEQ) rules titled, Design Criteria for Sewerage Systems.

The project consists of construction of a 500,000 gallons per day (gpd) wastewater treatment plant (wwtp).

The reviewed material describes the installation of the following components:

- converting the existing 150,000 gpd wwtp to a equalization basin and primary clarifier
- new influent mechanical fine screens and screening conveyor
- sludge dewatering box and polymer chemical feed system and supernatant submersible pump
- effluent reuse irrigation system, including pumps and controls and rechlorination system
- ultraviolet disinfection system
- 500,000 gpd membrane bioreactor system (MBR) to be purchased from Enviroquip.
- various piping, paving, concrete and metal support structures, and related appurtenances.

The materials and methods of construction are to be in accordance with the specifications provided by the project engineer.

Our review indicated that the engineering documents provided for review are generally in compliance with the applicable minimum standards as set forth in Chapter 217 of the TCEQ's rules entitled Design Criteria for Sewerage Systems. On that basis, this project is approved.

Please note that the 5.25 million gallons storage tank was not part of this review.

Within 60 days of the completion of construction, an appointed engineer shall notify both the Wastewater Permits Section of the TCEQ and the appropriate Region Office of the date of completion. The engineer shall also provide written certification that all construction, materials, and equipment were substantially in accordance with the approved project, the rules of the TCEQ, and any change orders filed with the TCEQ. All notifications, certifications, and change orders must include the signed and dated seal of a Professional Engineer licensed in the State of Texas.

If you have any questions or if we can be of any further assistance, please call me at (512) 239-4552.

Sincerely,

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

LCH/ms

cc: TCEQ, Region 11 Office

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

July 28, 2023 *Protecting Texas by Reducing and Preventing Pollution*

Mr. Doug Botts
Hays County Water Control and Improvement District No. 1
401 Congress Avenue, Suite 2100
Austin, Texas 78701

RE: Hays County Water Control and Improvement District No. 1
Reclaimed Water Authorization No. R14293001, Hays County
(CN600688246; RN102187630)

Dear Mr. Botts:

The Texas Commission on Environmental Quality (TCEQ) has completed its review of the requested amendment to your reclaimed water authorization. The authorization allows the use of Type I reclaimed water from the Hays County Water Control and Improvement District (WCID) No. 1 Wastewater Treatment Facility.

The amendment included in this authorization adds fire protection as a potential use. Thank you for your cooperation during this review process. If you have any questions, please contact Baltazar Lucero-Ramirez of my staff at baltazar.lucero-ramirez@tceq.texas.gov or (512) 239-4924.

Sincerely,

Erika Crespo
Assistant Deputy Director (MC-148)
Water Quality Division

EC/BLR/sh

cc: Lauren Barzilla, P.E., Burges & Niple, Inc.
235 Kedge Stone Drive, Austin, Texas 78737

AUTHORIZATION FOR RECLAIMED WATER

Authorization No. R14293-001
This authorization supersedes and replaces
Authorization No. R14293-001 approved May 23, 2011

Producer:	Hays County Water Control and Improvement District No. 1 401 Congress Avenue, Suite 2100 Austin, Texas 78701
Provider:	Hays County Water Control and Improvement District No. 1 401 Congress Avenue, Suite 2100 Austin, Texas 78701
User:	Any user within the service area authorized by the provider
Location:	The wastewater treatment facility is located approximately 1,100 feet west of Nutty Brown Road and approximately 1.2 miles south of the intersection of Nutty Brown Road and U.S. Highway 290 in Hays County, Texas.
Authorization:	Type I reclaimed water from the Hays County Water Control and Improvement District (WCID) No. 1 Wastewater Treatment Facility (TPDES Permit No. WQ0014293001) to be used for irrigation of open space/greenbelt area, parkland, commercial landscape areas, roadway right-of-ways within and adjacent to the Belterra development, and the revegetation of disturbed areas both inside and outside of the Belterra development, make-up water for pond 9A, and future wet off channel wetponds, soil compaction or dust control in construction areas, commercial process water, and fire protection. The service area is as shown in Section XI, Service Area Map.

This authorization contains the conditions that apply for the use of reclaimed water. The approval of reclaimed water use under Chapter 210 does not affect any existing water rights. If applicable, a reclaimed water use authorization in no way affects the need of a producer, provider, or user to obtain a separate water right authorization from the commission. This authorization does not allow irrigation of any area authorized for irrigation under a Texas Land Application Permit.

Issue Date: July 27, 2023

Kelly Keel, Interim Executive Director

I. General Requirements

A. No producer or provider may transfer reclaimed water to a user without first notifying the commission.

B. Reuse of untreated wastewater is prohibited.

C. Food crops that may be consumed raw by humans must not be spray irrigated. Food crops including orchard crops that will be substantially processed prior to human consumption may be spray irrigated. Other types of irrigation that avoid contact of reclaimed water with edible portions of food crops are acceptable.

D. There must be no nuisance conditions resulting from the distribution, the use, or storage of reclaimed water.

E. Reclaimed water must not be used in a way that degrades groundwater quality to a degree adversely affecting its actual or potential uses.

F. Reclaimed water stored in ponds must be prevented from discharging into waters in the state, except for discharges directly resulting from rainfall events or in accordance with a permit issued by the commission. All other discharges are unauthorized.

G. If an overflow of a holding pond occurs causing discharge into or adjacent to water in the state, the user or provider, as appropriate, shall report the noncompliance. A written submission of pertinent information must be provided to the TCEQ Region 11 office in Austin and to the TCEQ Enforcement Division (MC-149) in Austin, within five (5) working days after becoming aware of the overflow. The submission must contain:

1. a description of the noncompliance and its cause;
2. the potential danger to human health or safety, or the environment;
3. the period of noncompliance, including exact dates and times;
4. if the noncompliance has not been corrected, the anticipated time it is expected to continue; and
5. steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance, and to mitigate its adverse effects.

H. Unless otherwise provided in this authorization, there must be no off-site discharge, either airborne or surface runoff of reclaimed water from the user's property except to a wastewater treatment collection system or wastewater treatment facility unless the reclaimed water user applies for and obtains a permit from the commission that authorizes discharge of the water.

I. All reclaimed water piping must be separated from potable water piping when trenched by a distance of at least nine feet for Type II effluent and four feet For Type I. All buried pipe must be manufactured in purple, painted purple, taped with purple metallic tape or bagged in purple. All exposed piping, hose bibs and faucets must be painted purple, designed to prevent connection to a standard water hose, and stenciled with a warning reading "NON-POTABLE WATER."

J. The design of any new distribution system that will convey reclaimed water to a user requires the approval of the executive director. Materials must be submitted to the executive director in accordance with the Texas Engineering Practice Act (Article 3271a, Vernon's Annotated Texas Statutes). The plans and specifications for any new distribution system constructed pursuant to this authorization must be approved by the executive director. Failure to secure approval before commencing construction or making a transfer of reclaimed water is a violation of this authorization. Each day of a transfer is a separate violation until approval has been secured.

K. Nothing in this authorization modifies any requirements in 30 TAC Chapter 290, Public Drinking Water.

L. A major change from a prior notification for use of reclaimed water must be approved by the executive director before it can be implemented. A major change includes:

1. a change in the boundary of the approved service area, not including the conversion of individual lots within a subdivision to reclaimed water use;

2. the addition of a new provider;

3. a major change in the intended use, such as conversion from irrigation of a golf course to residential irrigation; or

4. a change from either Type I or Type II use to the other.

M. The reclaimed water producer, provider, and user shall maintain current operation and maintenance plans on the sites over which they have operational control. The operation and maintenance plan must contain the following, as a minimum:

1. a copy of the signed contract between the user and provider and a copy of the signed contract between the provider and the producer, as applicable;

2. a labeling and separation plan for the prevention of cross connections between reclaimed water distribution lines and potable water lines;

3. the measures that will be implemented to prevent unauthorized access to reclaimed water facilities (e.g., secured valves);

4. procedures for monitoring reclaimed water;

5. a plan for how reclaimed water use will be scheduled to minimize the risk of inadvertent human exposure;

6. schedules for routine maintenance;

7. a plan for worker training and safety; and

8. contingency plan for system failure or upsets.

N. One of the following requirements must be met by the user or provider, for any area where reclaimed water is stored or where there are hose bibs or faucets:

1. Signs having a minimum size of eight inches by eight inches must be posted at all storage areas and on all hose bibs and faucets reading, in both English and Spanish, "Reclaimed Water, Do Not Drink" or similar warning.

2. The area must be secured to prevent access by the public.

O. Where a reclaimed water line parallels a sewer line, the reclaimed water line must be constructed in accordance with subsection (p) or (q) of this section. The horizontal separation distance must be three feet (outside to outside) with the reclaimed water line at the level of or above the sewer line. Reclaimed water lines that parallel sewer lines may be placed in the same benched trench. Where a reclaimed water line crosses a sewer line, the requirement of 30 TAC §290.44(e)(4)(B), Water Line Installation—crossing lines, must be followed with the reclaimed water line substituted for the water line.

P. Reclaimed water pipes must meet the following requirements:

1. Lines that transport reclaimed water under pressure must be sized according to acceptable engineering practices for the needs of the reclaimed water users.

2. Reclaimed water force mains must have an expected life of at least as long as that of the associated lift station and must be suitable for the reclaimed water being pumped and operating pressure to which it will be subjected.

3. Pipes must be identified in the technical specifications with appropriate American

4. Society for Testing and Materials, American National Standard Institute, or American Water Works Association standard numbers for both quality control (dimensions, tolerance, and installation such as bedding or backfill).

5. Pipes and fittings must have a minimum working pressure rating of 150 pounds per square inch.

6. Final plans and specifications must describe required pressure testing for all installed reclaimed water force mains.

7. Minimum test pressure must be 1.5 times the maximum design pressure. Allowable leakage rates must be determined as described in 30 TAC §217.97, Pressure Sewer Systems.

8. Gravity flow reclaimed water lines must meet the requirements of 30 TAC Chapter 217, Subchapter C, Conventional Collection Systems. The provider shall prevent high velocity scouring and maintain adequate fluid velocity to prevent the deposition of solids in the lines.

Q. All exposed piping and piping within a building must be either purple pipe or painted purple. All exposed piping should be stenciled in white with a warning reading

R. "NON-POTABLE WATER. All exposed or buried reclaimed water piping constructed at a wastewater treatment facility is exempt from the color-coding requirement of this section.

S. When applicable, in accordance with 30 TAC Chapter 217, Design Criteria for Domestic Wastewater Systems, the design of the distribution systems that will convey reclaimed water to a user must be submitted to the executive director and must receive an approval before the distribution system may be constructed. The design of the distribution systems must meet the criteria of 30 TAC Chapter 217, Design Criteria for Domestic Wastewater Systems. When a municipality is the plan review authority for certain sewer systems that transport primarily domestic waste, in lieu of the commission, design submittal will not be subject to submittal to the commission and instead must be approved by the municipality.

T. All ground level and elevated storage tanks must be designed, installed, and constructed in accordance with current AWWA standards with reference to materials to be used and construction practices to be followed, except for health-based standards strictly related to potable water storage and contact practices, where appropriately less restrictive standards may be applied.

II. Storage Requirements for Reclaimed Water

A. Storage facilities for retaining reclaimed water prior to use must not be located within a floodway, and the storage pond must located off channel.

B. Any holding pond designed to contain Type I or Type II effluent must have a lining with a permeability of less than 1×10^{-7} cm/sec and conform to the following requirements:

a. The ponds must be designed and constructed to prevent groundwater contamination;

b. Soils used for pond lining must be free from foreign material such as paper, brush, trees, and large rocks; and

c. All soil liners must be of compacted material, at least 24 inches thick, compacted in lifts no greater than 6 inches thick and compacted to 95% of Standard Proctor Density. In-situ clay soils meeting the soils liner requirements must be excavated and re-compacted a minimum of 6 inches below planned grade to assure a uniformly compacted finished surface.

d. Soil liners must meet the following particle size gradation and Atterberg limits:

i. 30% or more passing a number 200 mesh sieve; and
ii. a liquid limit of 30% or greater; and
iii. a plasticity index of 15 or greater and have a permeability lees than or equal to 1×10^{-7} cm/sec.

e. Synthetic membrane linings must have a minimum thickness of 40 mils and have a leak detection system.

f. In situ liners at least 24 inches thick meeting a permeability less than or equal to 1×10^{-7} cm/sec are acceptable alternatives.

g. Certification by a Texas licensed professional engineer must be furnished stating that the pond liner meets the appropriate criteria prior to use of the facilities.

h. Soil embankment walls must have a top width of at least five feet. The interior and exterior slopes of soil embankment walls must be no steeper than one foot vertical to three feet horizontal unless alternate methods of slope stabilization are used. All soil embankment walls must be protected by a vegetative cover or other stabilizing material to prevent erosion. Erosion stops and water seals must be installed on all pipe penetrating the embankments; and

i. An alternative method of pond lining that provides equivalent or better water quality protection than provided under this section may be utilized with the prior approval of the executive director.

C. Pond 9A, shall conform to the following requirements:

1. The pond, whether constructed of earthen or other impervious materials, shall be designed and constructed to prevent groundwater contamination;

2. Soils used for pond lining must be free from foreign material such as paper, brush, trees, and large rocks;

3. All soil liners must be of compacted material, at least 16 inches thick, compacted in lifts no greater than 8 inches thick and compacted to 95% of Standard Proctor Density. In-situ clay soils meeting the soils liner requirements must be excavated and re-compacted a minimum of 8 inches below planned grade to assure a uniformly compacted finished surface.

4. Soil liners must meet the following particle size gradation and Atterberg limits:
   a. 30% or more passing a number 200 mesh sieve; and
   b. A liquid limit of 30% or greater; and a plasticity index of 15 or greater, and have a permeability less than or equal to 1 x 10-7 cm/sec.

5. Certification by a Texas licensed professional engineer must be furnished stating that the pond liner meets the appropriate criteria prior to use of the facilities;

6. Soil embankment walls must have a top width of at least five feet. The interior and exterior slopes of soil embankment walls must be no steeper than one foot vertical to three feet horizontal unless alternate methods of slope stabilization are used. All soil embankment walls must be protected by a vegetative cover or other stabilizing material to prevent erosion. Erosion stops and water seals must be installed on all pipe penetrating the embankments;

D. Reclaimed water may be stored in leak proof, fabricated tanks.

E. **All earthen liners located in areas overlying the recharge zones of major or minor aquifiers, as defined by the Texas Water Development Board, shall be at least 36 inches thick meeting permeability less than or equal to 1 X 10-7 cm/sec.**

III. Specific Uses and Quality Standards for Reclaimed Water

A. Numerical parameter limits pertaining to specific reclaimed water use categories are contained in this section. These limits apply to reclaimed water before discharge to initial holding ponds or a reclaimed water distribution system.

B. The reclaimed water producer shall establish that the reclaimed water meets the quality limits at the sample point for the intended use in accordance with the monitoring requirements identified in Section IV, Sampling and Analysis.

C. Types and quality standards for reclaimed water.

1. Type I Reclaimed Water Use. The use of Type I reclaimed water is for situations where the public may come in contact with the reclaimed water. The uses allowed by this authorization are: irrigation of open space/greenbelt area, parkland, commercial landscape areas, roadway right-of-ways within and adjacent to the Belterra development, and the revegetation of disturbed areas both inside and outside of the Belterra development, make-up water for pond 9A, and future wet off channel wetponds, soil compaction or dust control in construction areas, commercial process water, and fire protection.

2. The following conditions apply to Type I use of reclaimed water. At a minimum, the reclaimed water producer shall transfer only reclaimed water of the following quality as described for Type I reclaimed water use. Type I reclaimed water on a 30-day average must have a quality of no more than:

Table 1. Type I Quality Requirements

Parameter	Limit	Limit Type
Turbidity	3 NTUs	30-day average
$CBOD_5$	5 mg/l	30-day average
E. coli	20/100 ml	30-day geometric mean (MPN or CFU)
E. coli	75/100 ml	maximum single grab sample (MPN or CFU)

D. Test Procedures

1. Test procedures for the analysis of pollutants must comply with procedures specified in 30 TAC §§319.11 - 319.12. Measurements, tests, and calculations must accurately represent the reclaimed water.

2. All laboratory tests submitted to demonstrate compliance with this authorization must meet the requirements of 30 TAC Chapter 25, *Environmental Testing Laboratory Accreditation and Certification.*

IV. Sampling and Analysis

A. The reclaimed water producer shall sample the reclaimed water prior to distribution to the entity that first received the reclaimed water after it leaves the wastewater treatment facility (provider or user) to assure that the water quality meets the standard for the contracted use.

B. Analytical methods must be in compliance with 30 TAC Chapter 319, *Monitoring and Reporting.*

C. The minimum sampling and analysis frequency for Type I reclaimed water is twice per week when reclaimed water is being produced and shall be reported as outfall 800.

D. The monitoring must be done after the final treatment unit.

E. The records of the monitoring must be kept on a monthly basis and be available at the facility site for inspection by representatives of the Commission for at least five years.

V. Record Keeping and Reporting

A. The reclaimed water provider and user shall maintain records on site for a period of at least five years.

B. The producer shall maintain the following records:

1. copies of notifications made to the commission concerning reclaimed water projects;

2. as applicable, copies of contracts with each reclaimed water user (this requirement does not include reclaimed water users at residences that have separate distribution lines for potable water);

3. records of the volume of water delivered to each reclaimed water user per delivery (this requirement does not apply to reclaimed water users at residences that have separate distribution lines for potable water); and

4. reclaimed water quality analyses.

C. The reclaimed water provider or producer shall report to the commission on a monthly basis the following information on forms furnished by the executive director. The reports are due by the 20th day of the month following the reporting period.

1. volume of reclaimed water delivered to each user; and

2. quality of reclaimed water delivered to a user or provider reported as a monthly average for each quality criteria, except those listed as "not to exceed" that must be reported as individual analyses.

VI. Transfer of Reclaimed Water

A. Reclaimed water must be transferred from a provider to a user on a demand only basis. A reclaimed water user may refuse delivery of reclaimed water at any time.

B. All reclaimed water transferred to a user must be of at least the quality specified in Section IV, *Sampling and Analysis.*

C. Transfer must be by pipes or tank trucks.

D. The transfer of reclaimed water must be terminated immediately if a provider becomes aware of the misuse of the reclaimed water by the user, regardless of contract provisions.

VII. Restrictions

A. This authorization does not convey any property right and does not grant any exclusive privilege.

B. This authorization does not allow the use of reclaimed water on land that is authorized as a disposal site under either a Texas Pollutant Discharge Elimination System (TPDES) permit or a Texas Land Application Permit (TLAP).

VIII. Responsibilities and Contracts

A. The producer of reclaimed water is not liable for misapplication of reclaimed water by users, except as provided in this section. Both the reclaimed water provider and user have at least but are not limited to the following responsibilities:

1. The reclaimed water producer shall: transfer reclaimed water of at least the minimum quality required by this authorization at the point of delivery to the user;

    a. sample and analyze the reclaimed water and report the analyses in accordance with Section IV, Sampling and Analysis, and Section V, Recordkeeping and Reporting; and

    b. notify the executive director in writing within five (5) days after obtaining knowledge of reclaimed water use not authorized by the executive director.

2. The reclaimed water provider shall:

    a. ensure construction of reclaimed water distribution systems in accordance with 30 TAC Chapter 217, Design of Domestic Wastewater Systems, and in accordance with approved plans and specifications;

    b. transfer reclaimed water of at least the minimum quality required by this authorization at the point of delivery to the user;

c. notify the executive director in writing within five (5) days after obtaining knowledge of reclaimed water use not authorized by the executive director; and

d. not be found in violation of this authorization for the misuse of the reclaimed water by the user if transfer of such water is shut off promptly upon knowledge of misuse regardless of contract provisions.

3. The reclaimed water user shall:

a. use the reclaimed water in accordance with this authorization; and

b. maintain and provide records as required by Section V, Record Keeping and Reporting.

IX. Enforcement

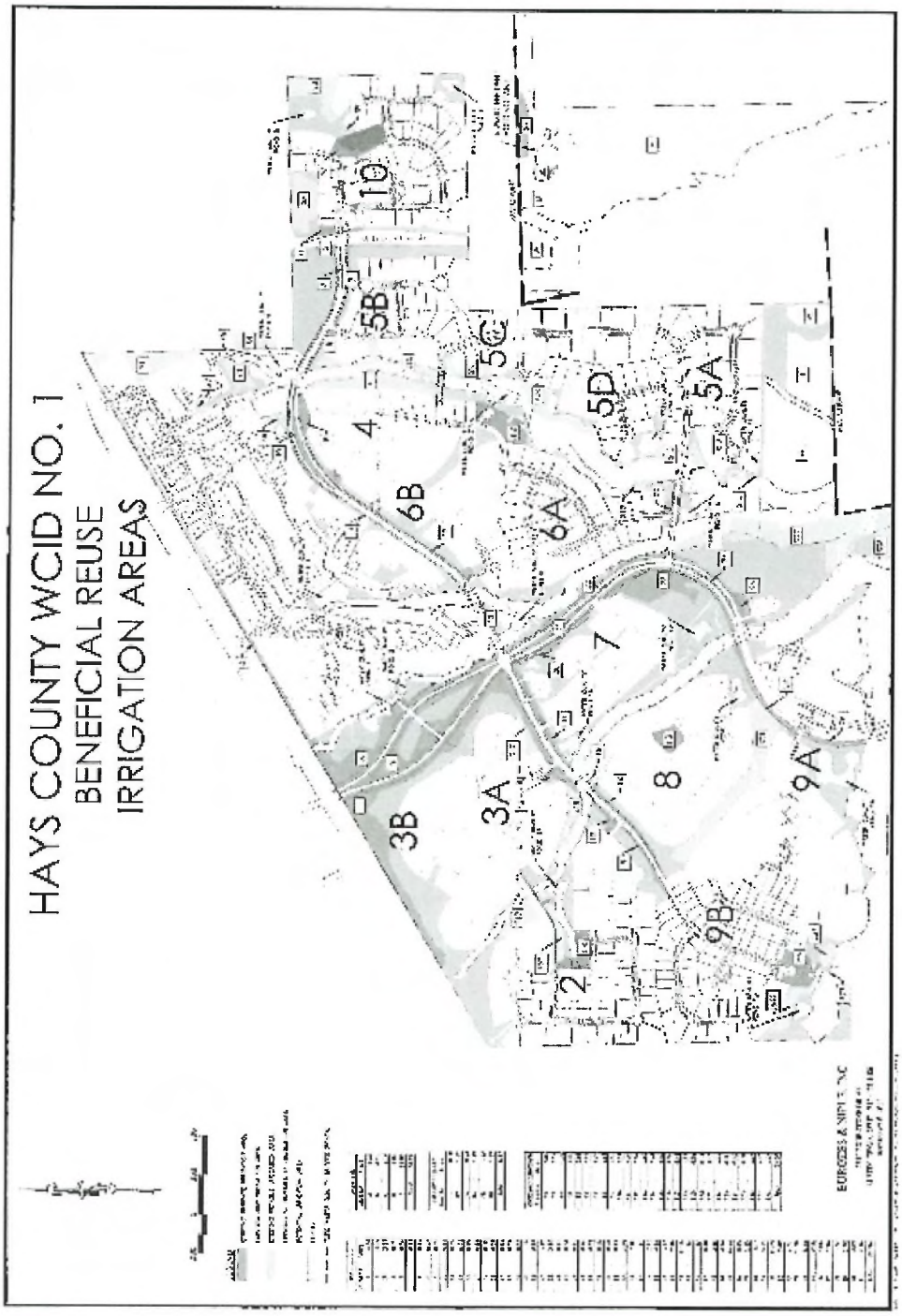
If the producer, provider, or user fail to comply with the terms of this authorization, the executive director may take enforcement action provided by the Texas Water Code §26.019 and §26.136.

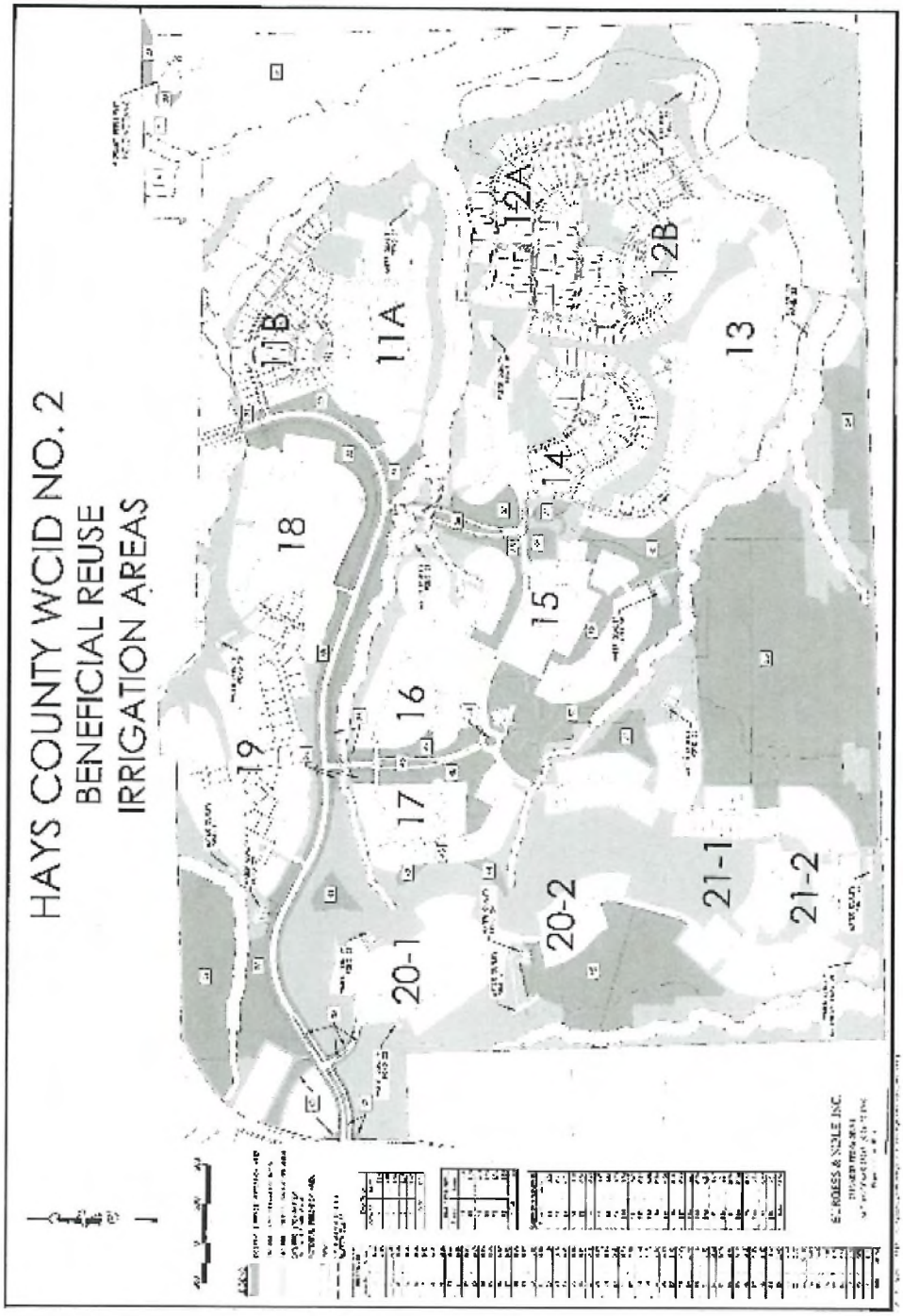
X. Standard Provisions

A. This authorization is granted in accordance with the rules and orders of the commission and the laws of the state of Texas.

B. Acceptance of this authorization constitutes an acknowledgment and agreement that the producer, provider and user will comply with all the terms, provisions, conditions, limitations and restrictions embodied in this authorization and with the rules and other orders of the commission and the laws of the state of Texas. Agreement is a condition precedent to the granting of this authorization.

XI. Service Area Map




HAYS COUNTY WCID NO. 2
BENEFICIAL REUSE
IRRIGATION AREAS
11B
11A
12A
12B
13
14
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16
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19
20-1
20-2
21-1
21-2

ATTACHMENT 8

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SOIL ANALYSES

TCEQ REQUIRED ANAYSIS PER
TECHNICAL REPORT - TABLE 3.0(4)

Email information for report date:
9/4/24 15:36

H026308

Municipal Ops and Consulting

Attn: Lindsey DeLong

20141 Schiel Road
Cypress, TX 77433

Please contact us for your sampling needs or if you have any questions. Some convenient contacts are listed below. You can also access your results and reports through our ClientConnect ™ portal on our website (www.aqua-techlabs.com).

For sampling questions:

samplingbryan@aqua-techlabs.com (Bryan area)
samplingaustin@aqua-techlabs.com (Austin area)

reporting@aqua-techlabs.com (report questions)

Aqua-Tech values you as a customer and encourages you to speak with our staff at 979-778-3707 or the above emails if you have questions.

Thank you for your business,
June M. Brien
Executive Technical Director

BRYAN FACILITY
635 Phil Gramm Boulevard
Bryan, TX 77807
Phone: (979) 778-3707
Fax: (979) 778-3193

AQUA-TECH LABORATORIES

AUSTIN FACILITY
3512 Montopolis Dr. Suite A
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Fax: (512) 301-9552

The analyses summarized in this report were performed by Aqua-Tech Laboratories, Inc. unless otherwise noted. Aqua-Tech Laboratories, Inc. holds accreditation from the State of Texas in accordance with TNI and/or through the TCEQ Drinking Water Commercial Laboratory Approval Program.

The following abbreviations indicate certification status:

NEL	TNI accredited parameter.
ANR	Accreditation not offered by the State of Texas.
DWP	Approval through the TCEQ Drinking Water Commercial Laboratory Approval Program.
INF	Aqua-Tech Laboratories, Inc. is not accredited for this parameter. It is reported on an informational basis only.

Subcontracted data summarized in this report is indicated by "Sub" in the Lab column.

Certificate: T104704371-23-27

NELAP ACCREDITED TNI LABORATORY

TCEQ Lab ID T104704371

General Definitions:

NR	Not Reported.
RPD	Relative Percent Difference.
% R	Percent Recovery.
dry	Results with the "dry" unit designation are reported on a "dry weight" basis.
SQL	The Sample Quantitation Limit is the value below which the parameter cannot reliably be detected. The SQL includes all sample preparations, dilutions and / or concentrations.
Adj MDL	The Adjusted Method Detection Limit is the MDL value adjusted for any sample dilutions or concentrations .
MDL	The Method Detection Limit is the lowest theoretical value that is statistically different from zero for a specific method, taking into account all preparation steps and instrument settings.

All samples are reported on an "as received" basis unless the designation "dry" is added to the reported unit.

Copies of Aqua-Tech Laboratories, Inc. procedures and individual sampling plans are available upon request. Note that samples are collected by Aqua-Tech Laboratories, Inc. personnel unless otherwise noted in the "Sample Collected" field of this report as "Client" or "CLT".

Samples included in this report were received in acceptable condition according to Aqua-Tech Laboratories, Inc. procedures and 40 CFR, Chapter I, Subchapter D, Part 136.3, TABLE II. - *Required containers, preservation techniques, and holding times*, unless otherwise noted in this report.

Record Retention:

All reports, raw data, and associated quality control data are kept on file for 10 years before being destroyed. Any client that would like copies of records must contact Aqua-Tech Laboratories, Inc. no later than six months prior to the scheduled disposal. An administrative fee for retrieval and distribution will apply.

This report was approved by:

June M. Brien, Technical Director

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Analytical Report

Municipal Ops and Consulting

Report Printed: **9/4/24** **15:36**

H026308

See attached subcontract report for additional analysis and fertilizer recommendations.

Hays County WCID #1 WWTP Soil 0-6 Inches

Collected: 08/13/24 08:57 by Bradley Land/Brendan Bourland
Received: 08/13/24 09:57 by Bradley Land

Type: Comp | *Matrix*: Solid | *C-O-C #*: N/A

Lab ID# H026308-01

	Result	Units	Notes	MDL	Adj MDL	SQL	Lab	Analyzed	Method	Batch	
General Chemistry											
% Solids	**86.4**	g/100g (%)	RPD-04	0.10	0.10	0.10	*Austin*	08/16/24 15:48 SR	SM2540 G 2015	M181529	NEL
Total Kjeldahl Nitrogen as N	**826**	mg/kg dry	MS-01	0.13	74.6	115	*Bryan*	08/28/24 14:42 KMA	SM4500-NH3 G 2011	M181911	ANR
Plant Available Parameters											
Total Nitrogen	**831**	mg/kg dry wt.			N/A	N/A	*Calc*	09/04/24 15:25 PMY	Calculation	M182315	ANR

Please see the attached subcontract report for subcontracted data.

Hays County WCID #1 WWTP Soil 6-18 Inches

Collected: 08/13/24 08:57 by Bradley Land/Brendan Bourland
Received: 08/13/24 09:57 by Bradley Land

Type: Comp | *Matrix*: Solid | *C-O-C #*: N/A

Lab ID# H026308-02

	Result	Units	Notes	MDL	Adj MDL	SQL	Lab	Analyzed	Method	Batch	
General Chemistry											
% Solids	**80.1**	g/100g (%)	RPD-04	0.10	0.10	0.10	*Austin*	08/16/24 15:48 SR	SM2540 G 2015	M181529	NEL
Total Kjeldahl Nitrogen as N	**647**	mg/kg dry	MS-01	0.13	40.2	61.9	*Bryan*	08/28/24 14:42 KMA	SM4500-NH3 G 2011	M181911	ANR
Plant Available Parameters											
Total Nitrogen	**653**	mg/kg dry wt.			N/A	N/A	*Calc*	09/04/24 15:25 PMY	Calculation	M182315	ANR

Please see the attached subcontract report for subcontracted data.

Hays County WCID #1 WWTP Soil 18-30 Inches

Collected: 08/13/24 08:57 by Bradley Land/Brendan Bourland
Received: 08/13/24 09:57 by Bradley Land

Type: Comp | *Matrix*: Solid | *C-O-C #*: N/A

Lab ID# H026308-03

	Result	Units	Notes	MDL	Adj MDL	SQL	Lab	Analyzed	Method	Batch	
General Chemistry											
% Solids	**81.0**	g/100g (%)	RPD-04	0.10	0.10	0.10	*Austin*	08/16/24 15:48 SR	SM2540 G 2015	M181529	NEL
Total Kjeldahl Nitrogen as N	**556**	mg/kg dry	MS-01	0.13	39.8	61.3	*Bryan*	08/28/24 14:42 KMA	SM4500-NH3 G 2011	M181911	ANR
Plant Available Parameters											
Total Nitrogen	**564**	mg/kg dry wt.			N/A	N/A	*Calc*	09/04/24 15:25 PMY	Calculation	M182315	ANR

Please see the attached subcontract report for subcontracted data.

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Analytical Report

Municipal Ops and Consulting

Report Printed: **9/4/24** **15:36**

H026308

Explanation of Notes

MS-01	The MS and/or MSD recovery was outside acceptance limits. Investigation concludes it is a sample- specific matrix effect and the batch was accepted based on acceptable LCS and /or LCSD recovery.
RPD-04	Visual evaluation of the Duplicate sample indicates the RPD is above the control limit due to a non-homogeneous sample matrix. Acceptance of run is not based on matrix QC.

General Chemistry - Quality Control

	Result	Units	Notes	MDL	SQL	Analyzed	Spike Amount	Source Result	%R	%R Limits	RPD	RPD Limit	Batch	
% Solids - SM2540 G 2015														*Austin*
Blank	<0.10	g/100g (%)		0.10	0.10	08/16/24 15:48 SR							M181529	
Duplicate	43.5	%	*RPD-04*	0.100	0.100	08/16/24 15:48 SR		<0.100				10	M181529	
Duplicate	43.5	g/100g (%)	*RPD-04*	0.10	0.10	08/16/24 15:48 SR		51.7			*17.4*	10	M181529	
Total Kjeldahl Nitrogen as N - SM4500-NH3 G 2011														*Bryan*
Initial Cal Check	3.13	mg/L				08/28/24 14:42 KMA	3.38		92.7	90 - 110			2408365	
Low Cal Check	0.24	mg/L				08/28/24 14:42 KMA	0.200		121	70 - 130			2408365	
Blank	<0.20	mg/kg wet		0.13	0.20	08/28/24 14:42 KMA							M181911	
LCS	3.94	mg/kg wet		0.13	0.20	08/28/24 14:42 KMA	4.00		98.5	91 - 116			M181911	
LCS Dup	3.94	mg/kg wet		0.13	0.20	08/28/24 14:42 KMA	4.00		98.6	91 - 116	0.0761	10	M181911	
Matrix Spike	3800	mg/kg dry	*MS-01*	74.6	115	08/28/24 14:42 KMA	2300	826	*129*	88.2 - 119			M181911	
Matrix Spike Dup	4110	mg/kg dry	*MS-01*	74.6	115	08/28/24 14:42 KMA	2300	826	*143*	88.2 - 119	10.1	20	M181911	
Reference	1110	mg/kg wet		32.2	49.6	08/28/24 14:42 KMA	1160		95.3	80 - 120			M181911	

BRYAN FACILITY
635 Phil Gramm Boulevard
Bryan, TX 77807
Phone: (979) 778-3707
Fax: (979) 778-3193

AQUA-TECH LABORATORIES

AUSTIN FACILITY
3512 Montopolis Dr. Suite A
Austin, TX 78744
Phone: (512) 301-9559
Fax: (512) 301-9552

Analytical Report

Municipal Ops and Consulting

Report Printed: **9/4/24** **15:36**

H026308

Sample Preparation Summary

Sample	Method	Prepared	Lab	Bottle	Initial	Units	Final	Units	External Dilution Factor	Batch
H026308-01										
% Solids	SM2540 G 2015	8/16/24 15:48 SR	Austin	B	10.0	g	10.0	mL	1	M181529
Subcontract	Sub Contract Data Entry	9/3/24 10:25 PMY	Bryan	-	-	-	-	-	-	M182216
Total Kjeldahl Nitrogen as N	SM4500-NH3 G 2011	8/27/24 7:38 CTG	Bryan	C	0.0504	g	25.0	mL	1	M181911
Total Nitrogen	Calculation	9/4/24 15:25 PMY			1.00	g	1.00	mL	1	M182315
H026308-02										
% Solids	SM2540 G 2015	8/16/24 15:48 SR	Austin	B	10.0	g	10.0	mL	1	M181529
Subcontract	Sub Contract Data Entry	9/3/24 10:25 PMY	Bryan	-	-	-	-	-	-	M182216
Total Kjeldahl Nitrogen as N	SM4500-NH3 G 2011	8/27/24 7:38 CTG	Bryan	C	0.101	g	25.0	mL	1	M181911
Total Nitrogen	Calculation	9/4/24 15:25 PMY			1.00	g	1.00	mL	1	M182315
H026308-03										
% Solids	SM2540 G 2015	8/16/24 15:48 SR	Austin	B	10.0	g	10.0	mL	1	M181529
Subcontract	Sub Contract Data Entry	9/3/24 10:25 PMY	Bryan	-	-	-	-	-	-	M182216
Total Kjeldahl Nitrogen as N	SM4500-NH3 G 2011	8/27/24 7:38 CTG	Bryan	C	0.101	g	25.0	mL	1	M181911
Total Nitrogen	Calculation	9/4/24 15:25 PMY			1.00	g	1.00	mL	1	M182315

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Analytical Report

Municipal Ops and Consulting

Report Printed: **9/4/24** **15:36**

H026308

Chain-of-Custody Summary

The following record summarizes custody for work orders sampled by Aqua-Tech Laboratories, Inc. personnel on route.

Original signatures are kept on file by Aqua-Tech Laboratories, Inc. and are available upon request.

WORK ORDER H026308

Cooler ID	Temperature °C	Condition Good?	On Ice?	Preservation Correct?	Custody Maintained by ATL?	See comments below or comments and qualifiers with analytical results explaining any "No" answers.
W-64	1.8	Yes	Yes	Yes	Yes	

H026308-01 Comp Sampling Begun: 8/13/24 7:39 Sampling Ended: 8/13/24 8:57

Container & Description	pH Checks / Comments	Container & Description	pH Checks / Comments	Container & Description	pH Checks / Comments
A [SUB] TAMU SL 0.5LP		B SOIL TS 0.1L		C SOIL TKN 0.25LP	

H026308-02 Comp Sampling Begun: 8/13/24 7:39 Sampling Ended: 8/13/24 8:57

Container & Description	pH Checks / Comments	Container & Description	pH Checks / Comments	Container & Description	pH Checks / Comments

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Analytical Report

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Report Printed: **9/4/24** **15:36**

H026308

WORK ORDER H026308

Cooler ID	Temperature °C	Condition Good?	On Ice?	Preservation Correct?	Custody Maintained by ATL?	See comments below or comments and qualifiers with analytical results explaining any "No" answers.
W-64	1.8	Yes	Yes	Yes	Yes	

H026308-02 Comp Sampling Begun: 8/13/24 7:39 Sampling Ended: 8/13/24 8:57

Container & Description	pH Checks / Comments	Container & Description	pH Checks / Comments	Container & Description	pH Checks / Comments
A [SUB] TAMU SL 0.5LP		B SOIL TS 0.1L		C SOIL TKN 0.25LP	

H026308-03 Comp Sampling Begun: 8/13/24 7:39 Sampling Ended: 8/13/24 8:57

Container & Description	pH Checks / Comments	Container & Description	pH Checks / Comments	Container & Description	pH Checks / Comments

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Analytical Report

Municipal Ops and Consulting

Report Printed: **9/4/24** **15:36**

H026308

WORK ORDER H026308

Cooler ID	Temperature °C	Condition Good?	On Ice?	Preservation Correct?	Custody Maintained by ATL?	See comments below or comments and qualifiers with analytical results explaining any "No" answers.
W-64	1.8	Yes	Yes	Yes	Yes	

H026308-03 Comp Sampling Begun: 8/13/24 7:39 Sampling Ended: 8/13/24 8:57

Container & Description	pH Checks / Comments	Container & Description	pH Checks / Comments	Container & Description	pH Checks / Comments
A [SUB] TAMU SL 0.5LP		B SOIL TS 0.1L		C SOIL TKN 0.25LP	

Sampled & Submitted to Lab by: Bradley Land (Route Driver) Received: 8/13/24 9:57 By Bradley Land (Austin)

Soil Analysis Report

Soil, Water and Forage Testing Laboratory
Department of Soil and Crop Sciences
2478 TAMU
College Station, TX 77843-2478
(979)321-5960

Visit our website: http://soiltesting.tamu.edu

Report generated for:
Aqua Tech Laboratories, Inc
635 Phil Gramm Blvd.
Bryan, TX 77807

Sample received on: 8/19/2024
Printed on: 9/4/2024
Area Represented: 35 acres

Brazos County
Laboratory Number: 666041
Customer Sample ID: H026308-01
Crop Grown: IMPROVED AND HYBRID BERMUDA GRASS (3 HAY CUTTINGS-2 TONS/A AVG.)

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	Fertilizer Recommended
pH	7.6	(5.8)	-	Mod. Alkaline							
Conductivity	303	(-)	umho/cm	None			CL*				
Nitrate-N	5	(-)	ppm**								85 lbs N/acre
Phosphorus	53	(50)	ppm								0 lbs P2O5/acre
Potassium	583	(150)	ppm								0 lbs K20/acre
Calcium	11,513	(180)	ppm								0 lbs Ca/acre
Magnesium	505	(50)	ppm								0 lbs Mg/acre
Sulfur	83	(13)	ppm								0 lbs S/acre
Sodium	53	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement											0.00 tons 100ECCE/acre

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 100 lbs/A of nitrogen for each subsequent hay cuttings.

Online fertilizer calculators to determine appropriate fertilizers and application rates.
http://soiltesting.tamu.edu

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

ProAnalysisVer. 2.19j

Soil Analysis Report

Soil, Water and Forage Testing Laboratory
Department of Soil and Crop Sciences
2478 TAMU
College Station, TX 77843-2478
(979)321-5960

Visit our website: http://soiltesting.tamu.edu

Report generated for:
Aqua Tech Laboratories, Inc
635 Phil Gramm Blvd.
Bryan, TX 77807

Sample received on: 8/19/2024
Printed on: 9/4/2024
Area Represented: 35 acres

Brazos County
Laboratory Number: 666042
Customer Sample ID: H026308-02
Crop Grown: IMPROVED AND HYBRID BERMUDA GRASS (3 HAY CUTTINGS-2 TONS/A AVG.)

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.6**	(5.8)	-	**Slightly Alkaline**							
Conductivity	**315**	(-)	umho/cm	**None**			CL*				**Fertilizer Recommended**
Nitrate-N	**6**	(-)	ppm**								**85** lbs N/acre
Phosphorus	**16**	(50)	ppm								**85** lbs P2O5/acre
Potassium	**387**	(150)	ppm								**0** lbs K20/acre
Calcium	**12,282**	(180)	ppm								**0** lbs Ca/acre
Magnesium	**451**	(50)	ppm								**0** lbs Mg/acre
Sulfur	**86**	(13)	ppm								**0** lbs S/acre
Sodium	**53**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement											**0.00** tons 100ECCE/acre

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 100 lbs/A of nitrogen for each subsequent hay cuttings.

Online fertilizer calculators to determine appropriate fertilizers and application rates.
http://soiltesting.tamu.edu

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

ProAnalysisVer. 2.19j

Soil Analysis Report

Soil, Water and Forage Testing Laboratory
Department of Soil and Crop Sciences
2478 TAMU
College Station, TX 77843-2478
(979)321-5960

Visit our website: http://soiltesting.tamu.edu

Report generated for:
Aqua Tech Laboratories, Inc
635 Phil Gramm Blvd.
Bryan, TX 77807

Sample received on: 8/19/2024
Printed on: 9/4/2024
Area Represented: 35 acres

Brazos County
Laboratory Number: 666043
Customer Sample ID: H026308-03
Crop Grown: IMPROVED AND HYBRID BERMUDA GRASS (3 HAY CUTTINGS-2 TONS/A AVG.)

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.6**	(5.8)	-	**Slightly Alkaline**							
Conductivity	**365**	(-)	umho/cm	**None**			CL*				**Fertilizer Recommended**
Nitrate-N	**8**	(-)	ppm**								**80** lbs N/acre
Phosphorus	**10**	(50)	ppm								**100** lbs P2O5/acre
Potassium	**332**	(150)	ppm								**0** lbs K20/acre
Calcium	**13,189**	(180)	ppm								**0** lbs Ca/acre
Magnesium	**356**	(50)	ppm								**0** lbs Mg/acre
Sulfur	**94**	(13)	ppm								**0** lbs S/acre
Sodium	**43**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement											**0.00** tons 100ECCE/acre

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 100 lbs/A of nitrogen for each subsequent hay cuttings.

Online fertilizer calculators to determine appropriate fertilizers and application rates.
http://soiltesting.tamu.edu

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

ProAnalysisVer. 2.19j

AQUA-TECH LABORATORIES — Chain-of-Custody and Analysis Request

All analyses must be performed by a TNI approved method certified by the TCEQ. Contact ATL's sample custodian via voice and email if your methods do not meet this criteria.

SHIPPED TO
TAMU - Soil Lab
2610 F&B Road
College Station, TX 77845
Phone: (979) 845-4816

DEFINITIONS

P	Plastic
G	Glass
L	Liter
CM	Custody Maintained
CTU	Custody Transfer Unbroken
ATL	Aqua-Tech Laboratories, Inc

T104704371

Aqua-Tech laboratories, Inc.

Austin
3512 Montopolis Dr. Suite A
Austin, TX 78744
512.301.9559

Bryan
635 Phil Gramm Blvd.
Bryan, TX 77807
979.778.3707

Test results meet all accreditation/certification requirements unless stated otherwise.

C-O-C # 262 - H026308

Page 1 of 1

sco_ATL TAMU 011921

Comments:

Please use Sample ID as PO# and email reports to reporting@aqua-techlabs.com.

Sample Custody

Relinquished (print & sign)	James Fitz	☐ Sampler ☐ Client ☒ ATL Field	Date 8-19-24 Time 0905	☒ Iced / Refrig ☐ Custody Sealed
Received (print & sign)		☐ Client ☐ ATL Field	Date Time	☐ Iced / Refrig ☐ CM / CTU
Relinquished (print & sign)		☐ Client ☐ ATL Field	Date Time	☐ Iced / Refrig ☐ CM / CTU
Received (print & sign)		☐ Client ☐ ATL Field	Date Time	☐ Iced / Refrig ☐ CM / CTU
Relinquished (print & sign)		☐ Client ☐ ATL Field	Date Time	☐ Iced / Refrig ☐ CM / CTU / Sealed
Received (print & sign)	John L Pitt	☒ Lab	Date 8/19/24 Time 9:15	☑ Cond Good ☐ Iced / Refrig ☐ CM / CTU

Lines below document condition at receipt in lab (shipped to) listed above.

Cooler ID	Temp Read (C)	Corrected Temp (C)	Thermometer ID	Please hold coolers for pick-up.
AQU 777		N/A	<IRB>	

Sample ID / Sampled / Matrix	Analysis Request	(ATL indicates cooler number in parentheses for each container - only required if more than one cooler listed above.)	Lab ID
H026308-01 08/13/24 08:57 Soil	*Mehlich 3 - TAMU*: P Plant Available; K Plant Available; NO3N Extractable *TAMU - 1:2 Soil Extract*: pH; Conductivity (1:2)	( ) H026308-01 [A] - [SUB] TAMU SL 0.5LP	
H026308-02 08/13/24 08:57 Soil	*Mehlich 3 - TAMU*: P Plant Available; NO3N Extractable; K Plant Available *TAMU - 1:2 Soil Extract*: pH; Conductivity (1:2)	( ) H026308-02 [A] - [SUB] TAMU SL 0.5LP	
H026308-03 08/13/24 08:57 Soil	*Mehlich 3 - TAMU*: P Plant Available; NO3N Extractable; K Plant Available *TAMU - 1:2 Soil Extract*: pH; Conductivity (1:2)	( ) H026308-03 [A] - [SUB] TAMU SL 0.5LP	

Page 11 of 11 H026308_1 ATL 050724 FIN_ls 09 04 24 1536

ATTACHMENT 9

-

EFFLUENT MONITORING ANALYSIS

B. Monitoring Requirements:

Parameter	Monitoring Frequency	Sample Type
Flow	Five/week	Instantaneous
Biochemical Oxygen Demand (5-day)	Two/month	Grab
Total Suspended Solids	Two/month	Grab
pH	Two/month	Grab
E. coli	Five/week	Grab

The monitoring shall be done after the final treatment unit and prior to subsurface drip irrigation. These records shall be maintained on a monthly basis and be available at the plant site for inspection by authorized representatives of the Commission for at least three years.

TCEQ REQUIRED MONITORING PER EXISTING PERMIT WQ0014293001

HAYS COUNTY WCID NO. 1 WWTP PERMIT RENEWAL - TECHNICAL REPORT TABLE 3.0(5) EFFLUENT MONITORING ANALYSIS - 210 DRIP IRIGATION								
DATE	CBOD (MG/L)	DO (mg/L)	E. COLI (MPN/100 mL)	pH	TURBIDITY (NTU)	TOTAL TREATED EFFLUENT (MGD)	CHLORINE RESIDUAL (MG/L)	DRIP IRRIGATION ACRES IRRIGATED
1/1/2022	<1.0	NA	1.03	7.54	0.54	0.364	NA	35
2/1/2022	<1.0	NA	1.04	7.39	0.41	0.343	NA	35
3/1/2022	1.22	NA	1.09	7.33	0.3	0.318	NA	35
4/1/2022	2.63	NA	1.23	7.52	0.34	0.354	NA	35
5/1/2022	1.0	NA	1.2	7.43	0.35	0.32	NA	35
6/1/2022	1.0	NA	1.24	7.29	0.49	0.372	NA	35
7/1/2022	<1.0	NA	1.09	7.43	0.44	0.351	NA	35
8/1/2022	1.0	NA	1.31	7.11	0.52	0.334	NA	35
9/1/2022	1.0	NA	1.09	7.38	1.12	0.386	NA	35
10/1/2022	1.44	NA	1.73	7.38	0.77	0.332	NA	35
11/1/2022	1.78	NA	1.45	7.52	0.94	0.344	NA	35
12/1/2022	1.75	NA	1.03	7.51	0.91	0.352	NA	35
1/1/2023	<1.67	NA	<1.21	7.44	NA	0.368	NA	35
2/1/2023	<2.22	NA	<1.99	7.3	NA	0.373	NA	35
3/1/2023	<2.5	NA	<1.86	7.1	NA	0.364	NA	35
4/1/2023	Records not available							
5/1/2023								
6/1/2023								
7/1/2023								
8/1/2023	2.24	6.48	4.4	7.13	8.6	0.9	NA	35
9/1/2023	2.11	6.39	6.1	7.11	4.48	0.248	NA	35
10/1/2023	2.27	5.57	1.66	7.04	6.01	0.279	NA	35
11/1/2023	2.17	8.04	1.64	7.12	3.3	0.358	NA	35
12/1/2023	3.43	6.02	1.3	7.1	0.789	0.141	NA	35
1/1/2024	2.19	7.3	1.56	7.22	4.856	0.135	NA	35
2/1/2024	2.35	6.47	1.92	7.38	5.09	0.1093	NA	35
3/1/2024	2.79	7.62	1.03	7.2	0.68	0.142	NA	35
4/1/2024	3.2	7.51	1.11	7.06	2.76	0.128	NA	35
5/1/2024	2.69	7.25	1	6.95	1.14	0.154	NA	35
6/1/2024	2	0.1	1	7.7	NA	0.078	NA	35
7/1/2024	1.0	NA	1.0	7.35	<1.0	0.3575	NA	35

Note: Chlorine Residual not Required in Permit for Drip Irrigation, WWTP Uses UV

Hays 1 210 Monthly Report

JANUARY 2022

Day	HAYS1-SP1	HAYS1-SP1	HAYS1-SP1		
	ReUse Flow #3 Gal	Turbidity Effluent	pH Effluent	BOD	e.coli
01/01/2022	255.9				
01/02/2022	256				
01/03/2022	377.6	0.3		1	1
01/04/2022	395.9	0.85		1	1
01/05/2022	291.7		7.54		1
01/06/2022	187.5				2
01/07/2022	371.1				1
01/08/2022	371.1				
01/09/2022	371.2				
01/10/2022	672.7			1	1
01/11/2022	460.7	0.27		1	1
01/12/2022	442.7				1
01/13/2022	433.2	0.19			1
01/14/2022	477				1
01/15/2022	477				
01/16/2022	477.1				
01/17/2022	434	1.23		1	1
01/18/2022	413.6	0.47		1	1
01/19/2022	135.2				1
01/20/2022	106.3				1
01/21/2022	117.6				1
01/22/2022	117.7				
01/23/2022	117.7				
01/24/2022	555.6	0.26		1	1
01/25/2022	449.7	0.49		1	1
01/26/2022	449				1
01/27/2022	545.3				1
01/28/2022	378.4	0.78			1
01/29/2022	378.5				
01/30/2022	378.5				
01/31/2022	389.9			1	1
Max	672.70	1.23	7.54		
Min	106.30	0.19	7.54		
Avg	364.05	0.54	7.54	<1	1.03
Sum	11285.40				
Count	31	9	1		
Scale	1	1	1		

Hays 1 210 Monthly Report

FEBRUARY 2022

Day	HAYS1-SP1	HAYS1-SP1	HAYS1-SP1		
	ReUse Flow #3 Gal	Turbidity Effluent	pH Effluent	e.coli	BOD
02/01/2022	349.8	0.2	7.39	1	1
02/02/2022	391.7	0.52		1	
02/03/2022	312.2	0.52			
02/04/2022	281.7			1	
02/05/2022	281.8			1	
02/06/2022	281.8				
02/07/2022	97	0.85		1	1
02/08/2022	347.2	0.46		1	1
02/09/2022	344.2	0.2		1	
02/10/2022	370.3			2	
02/11/2022	312.2			1	
02/12/2022	312.3				
02/13/2022	312.3				
02/14/2022	278.5	0.4		1	1
02/15/2022	472.1	0.31		1	1
02/16/2022	342.6			1	
02/17/2022	243.2			1	
02/18/2022	436.8			1	
02/19/2022	436.8				
02/20/2022	436.9				
02/21/2022	387.9	0.43		1	1
02/22/2022	370	0.34		1	1
02/23/2022	365.3			1	
02/24/2022	375.3			1	
02/25/2022	370			1	
02/26/2022	370				
02/27/2022	370				
02/28/2022	364.2	0.31		1	1
Max	472.10	0.85	7.39		
Min	97.00	0.20	7.39		
Avg	343.36	0.41	7.39	1.04	
Sum	9614.10				
Count	28	11	1		
Scale	1	1	1		

Hays 1 210 Monthly Report

MARCH 2022

Day	HAYS1-SP1	HAYS1-SP1	HAYS1-SP1		
	ReUse Flow #3 Gal	Turbidity Effluent	pH Effluent	BOD	E.coli
03/01/2022	427.8	0.26	7.33	1	1
03/02/2022	345.9				2
03/03/2022	387.9				1
03/04/2022	369.5				1
03/05/2022	369.5				
03/06/2022	369.6				
03/07/2022	382.3			1	1
03/08/2022	382.3			1	2
03/09/2022	390.4				1
03/10/2022	400.3	0.47			1
03/11/2022	352.2				1
03/12/2022	352.2				
03/13/2022	352.2				
03/14/2022	348	0.1		1	1
03/15/2022	391.6	0.22		3	2
03/16/2022	371.2	0.81			1
03/17/2022	389.2	0.53			1
03/18/2022	383.2	0.55			1
03/19/2022	383.3				
03/20/2022	383.3				
03/21/2022	372.2	0.14		1	1
03/22/2022	419.7	0.14		1	1
03/23/2022	69.5	0.2			1
03/24/2022	74.5	0.21			1
03/25/2022	75.8	0.22			1
03/26/2022	75.8				
03/27/2022	75.8				
03/28/2022	274.7	0.18		1	1
03/29/2022	327.6	0.17		1	1
03/30/2022	247.9	0.24			1
03/31/2022	321.8	0.31			1
Max	427.80	0.81	7.33		
Min	69.50	0.10	7.33		
Avg	318.30	0.30	7.33	1.22	1.09
Sum	9867.20				
Count	31	16	1		
Scale	1	1	1		

Hays 1 210 Monthly Report

APRIL 2022

Day	HAYS1-SP1	HAYS1-SP1	HAYS1-SP1		
	ReUse Flow #3 Gal	Turbidity Effluent	pH Effluent	BOD	e.coli
04/01/2022	377.7	0.22			1
04/02/2022	377.7				
04/03/2022	377.8				
04/04/2022	344.4	0.24		1	1
04/05/2022	419.1	0.17	7.52	1	1
04/06/2022	325	0.21			1
04/07/2022	396.2	0.27			1
04/08/2022	328.8	0.39			1
04/09/2022	328.8				
04/10/2022	328.9				
04/11/2022	436.8	0.29		1	1
04/12/2022	477.4	0.24		1	1
04/13/2022	336.4	0.55			3
04/14/2022	454.5	0.93			1
04/15/2022	340.8	0.85			1
04/16/2022	340.8				
04/17/2022	340.9				
04/18/2022	397.3	0.24		1	1
04/19/2022	454.2	0.27		14	1
04/20/2022	346.6	0.29			3.1
04/21/2022	413.2	0.25			1
04/22/2022	292.3	0.36			1
04/23/2022	292.3				
04/24/2022	292.3				
04/25/2022	357	0.29		1	1
04/26/2022	337	0.28		1	1
04/27/2022	240	0.28			2
04/28/2022	289.1	0.28			2
04/29/2022	288.6	0.33			2
04/30/2022	288.7				
Max	477.40	0.93	7.52		
Min	240.00	0.17	7.52		
Avg	354.02	0.34	7.52	2.63	1.23
Sum	10620.60				
Count	30	21	1		
Scale	1	1	1		

Hays 1 210 Monthly Report

MAY 2022

Day	HAYS1-SP1	HAYS1-SP1	HAYS1-SP1		
	ReUse Flow #3 Gal	Turbidity Effluent	pH Effluent	BOD	E.coli
05/01/2022	288.7				
05/02/2022	469.2	0.24		1	1
05/03/2022	574.1	0.42	7.43	1	1
05/04/2022	409.4	0.31			1
05/05/2022	532.3	0.25			2
05/06/2022	419.4	0.35			1
05/07/2022	419.5				
05/08/2022	419.5				
05/09/2022	284.2	0.16		1	1
05/10/2022	369.5	0.16		1	1
05/11/2022	231.8	0.25			1
05/12/2022	365.1	0.26			1
05/13/2022	253.2	0.27			1
05/14/2022	253.2				
05/15/2022	253.2				
05/16/2022	316.7	0.63		1	1
05/17/2022	305.7	0.44		1	1
05/18/2022	221.8	0.29			4.1
05/19/2022	369.9	0.32			1
05/20/2022	131	0.35			3.1
05/21/2022	131.1				
05/22/2022	131.1				
05/23/2022	190.8	0.45		1	1
05/24/2022	288.4	0.53		1	2
05/25/2022	1021.3	0.49			1
05/26/2022	348	0.52			1
05/27/2022	114.8	0.42			1
05/28/2022	114.8				
05/29/2022	114.9				
05/30/2022	115.2	0.32		1	1
05/31/2022	480.8	0.3		1	1
Max	1021.30	0.63	7.43		
Min	114.80	0.16	7.43		
Avg	320.60	0.35	7.43	1.00	1.20
Sum	9938.60				
Count	31	22	1		
Scale	1	1	1		

Hays 1 210 Monthly Report

JUNE 2022

Day	HAYS1-SP1	HAYS1-SP1	HAYS1-SP1		
	ReUse Flow #3 Gal	Turbidity Effluent	pH Effluent	BOD	e.coli
06/01/2022	449.2	0.39			
06/02/2022	487.8	0.31			
06/03/2022	483.1	0.41			1
06/04/2022	483.1				1
06/05/2022	483.1				1
06/06/2022	473.2	0.32		1	1
06/07/2022	504.5	0.5	7.29	1	3.1
06/08/2022	431.9	0.85			1
06/09/2022	478.3	0.38			1
06/10/2022	236	0.85			1
06/11/2022	236.1				
06/12/2022	236.1				
06/13/2022	350.3	0.69		1	1
06/14/2022	291.1	0.42		1	1
06/15/2022	305.4	0.5			1
06/16/2022	330.4	0.5			3
06/17/2022	375.5	0.36			1
06/18/2022	375.6				
06/19/2022	375.6				
06/20/2022	455.3	0.44		1	2
06/21/2022	322.6	0.49		1	1
06/22/2022	344.5	0.44			1
06/23/2022	364.4	0.59			1
06/24/2022	343.4	0.34			1
06/25/2022	343.4				
06/26/2022	343.5				
06/27/2022	301.5	0.22		1	1
06/28/2022	304.7	1		1	1
06/29/2022	345.5	0.6			2
06/30/2022	328.3	0.22			3
Max	504.50	1.00	7.29		
Min	236.00	0.22	7.29		
Avg	372.78	0.49	7.29	1	1.24
Sum	11183.40				
Count	30	22	1		
Scale	1	1	1		

Hays 1 210 Monthly Report

JULY 2022

Day	HAYS1-SP1	HAYS1-SP1	HAYS1-SP1		
	ReUse Flow #3 Gal	Turbidity Effluent	pH Effluent	BOD	e.coli
07/01/2022	298	0.28			1
07/02/2022	298				
07/03/2022	298				
07/04/2022	367	0.23		1	1
07/05/2022	361.1	0.37	7.43	1	1
07/06/2022	397.9	0.4			1
07/07/2022	356.7	0.37			3.1
07/08/2022	317.7	0.39			1
07/09/2022	317.7				
07/10/2022	317.7				
07/11/2022	356.9	0.31		1	1
07/12/2022	336.5	0.52		1	1
07/13/2022	347.4	0.32			1
07/14/2022	321.5	0.25			1
07/15/2022	211.2	0.39			1
07/16/2022	211.3				
07/17/2022	211.3				
07/18/2022	334	0.4		1	1
07/19/2022	331.2	0.34		1	2
07/20/2022	425.5	0.43			1
07/21/2022	361.3	0.55			1
07/22/2022	332.4	0.77			1
07/23/2022	332.5				
07/24/2022	332.5				
07/25/2022	374.6	0.43			1
07/26/2022	354.1	0.43		1	1
07/27/2022	2123.8	0.32		1	1
07/28/2022	118	0.8			1
07/29/2022	47.1	0.85			1
07/30/2022	47.1				
07/31/2022	47.1				
Max	2123.80	0.85	7.43		
Min	47.10	0.23	7.43		
Avg	351.20	0.44	7.43	<1.00	1.09
Sum	10887.10				
Count	31	21	1		
Scale	1	1	1		

Hays 1 210 Monthly Report

AUGUST 2022

Day	HAYS1-SP1	HAYS1-SP1	HAYS1-SP1		
	ReUse Flow #3 Gal	Turbidity Effluent	Effluent pH	BOD	E.coli
08/01/2022	304.1	1.19		1	4.1
08/02/2022	254.9	0.96	7.11	1	2
08/03/2022	366.7	0.59			2
08/04/2022	304.2	0.52			1
08/05/2022	341	0.48			1
08/06/2022	341				
08/07/2022	341.1				
08/08/2022	477.1	0.44		1	7.4
08/09/2022	506.9	0.38		1	1
08/10/2022	526.9	0.29			1
08/11/2022	487.1	0.34			1
08/12/2022	479.5	0.29			1
08/13/2022	479.5				
08/14/2022	479.6				
08/15/2022	346.4	0.32		1	2
08/16/2022	353	0.31		1	1
08/17/2022	191.2	0.26			1
08/18/2022	232.2	0.34			1
08/19/2022	275.1	0.2			1
08/20/2022	275.1				
08/21/2022	275.2				
08/22/2022	108.5	0.48		1	1
08/23/2022	233.6	0.67		1	1
08/24/2022	333.1	0.57			2
08/25/2022	266.1	0.85			1
08/26/2022	282.2	0.82			1
08/27/2022	282.2				
08/28/2022	282.2				
08/29/2022	329.4	0.32		1	1
08/30/2022	291	0.29		1	1
08/31/2022	335.8	1.1			1
Max	526.90	1.19	7.11		
Min	108.50	0.20	7.11		
Avg	334.90	0.52	7.11	1.00	1.31
Sum	10381.90				
Count	31	23	1		
Scale	1	1	1		

Hays 1 210 Monthly Report

SEPTEMBER 2022

Day	HAYS1-SP1	HAYS1-SP1	HAYS1-SP1		
	ReUse Flow #3 Gal	Turbidity Effluent	Effluent pH	BOD	Ecoli
09/01/2022	275.1	0.5			1
09/02/2022	328.1	0.61			1
09/03/2022	328.1				
09/04/2022	328.1				
09/05/2022	322	0.74		1	1
09/06/2022	299.3	0.66		1	6.3
09/07/2022	313.2	1.4			1
09/08/2022	285	1.15			1
09/09/2022	334.6	0.86			1
09/10/2022	334.6				
09/11/2022	334.7				
09/12/2022	328.6	0.7		1	1
09/13/2022	334.6	0.73		1	1
09/14/2022	431.6	1.02	7.38		1
09/15/2022	406.7	0.89			1
09/16/2022	440.4	1.04			1
09/17/2022	440.4				
09/18/2022	440.5				
09/19/2022	477.1	0.6		1	1
09/20/2022	440.7	0.97		1	1
09/21/2022	487.8	1.79			1
09/22/2022	2262.4	2.3			1
09/23/2022	0.3	1.21			1
09/24/2022	0.3				
09/25/2022	0.2				
09/26/2022	399.1	1.02		1	1
09/27/2022	261	0.89		1	1
09/28/2022	354.5	0.61			1
09/29/2022	311.5	2.98			1
09/30/2022	292.1	1.96			1
Max	2262.40	2.98	7.38		
Min	0.20	0.50	7.38		
Avg	386.42	1.12	7.38	1.00	1.09
Sum	11592.60				
Count	30	22	1		
Scale	1	1	1		

Hays 1 210 Monthly Report

OCTOBER 2022

Day	HAYS1-SP1	HAYS1-SP1	HAYS1-SP1		
	ReUse Flow #3 Gal	Turbidity Effluent	Effluent pH	e.coli	BOD
10/01/2022	292.2				
10/02/2022	292.2				
10/03/2022	365.4	1.65		3.1	3
10/04/2022	315.1	0.69	7.38	1	3
10/05/2022	369.2	1.42		1	
10/06/2022	317.6	1.88		6.3	
10/07/2022	320.2	1.65		1	
10/08/2022	320.2				
10/09/2022	320.3				
10/10/2022	461.3	1.99		1	1
10/11/2022	256.6	0.73		1	1
10/12/2022	283.6	0.89		7.3	
10/13/2022	327.5	0.95		1	
10/14/2022	308.4	0.48		5.2	
10/15/2022	308.4				
10/16/2022	308.5				
10/17/2022	374.5	0.77		1	1
10/18/2022	316.4	0.42		3.1	1
10/19/2022	360.2	0.29		1	
10/20/2022	340.6	0.47		1	
10/21/2022	360.8	0.31		2	
10/22/2022	360.8				
10/23/2022	360.9				
10/24/2022	332.2	0.29		1	1
10/25/2022	279.5	0.28		2	1
10/26/2022	349.4	0.28		2	
10/27/2022	365.9	0.27		5.2	
10/28/2022	329.8	0.25		1	
10/29/2022	329.9				
10/30/2022	329.9				
10/31/2022	358.8	0.25		1	1
Max	461.30	1.99	7.38		
Min	256.60	0.25	7.38		
Avg	332.78	0.77	7.38	1.73	1.44
Sum	10316.30				
Count	31	21	1		
Scale	1	1	1		

Hays 1 210 Monthly Report

NOVEMBER 2022

Day	HAYS1-SP1	HAYS1-SP1	HAYS1-SP1		
	ReUse Flow #3 Gal	Turbidity Effluent	Effluent pH	BOD	E.coli
11/01/2022	317.5	0.26		2	8.6
11/02/2022	368.7	0.26			4.1
11/03/2022	347.4	0.28			1
11/04/2022	375.5	0.27			1
11/05/2022	375.5				
11/06/2022	375.5				
11/07/2022	375.6			1	1
11/08/2022	360.1	0.3		3	1
11/09/2022	355.4	0.31			1
11/10/2022	389.2	0.33			1
11/11/2022	217.6	0.38			1
11/12/2022	217.6				
11/13/2022	217.6				
11/14/2022	341.1	0.26		2	2
11/15/2022	308.1	2.81	7.52	2	1
11/16/2022	345.7	2.81			2
11/17/2022	346.7	2.89			1
11/18/2022	289				1
11/19/2022	289				
11/20/2022	289				
11/21/2022	391.2			1	1
11/22/2022	524.1	1.46		1	1
11/23/2022	404.7	1.22			8.5
11/24/2022	405	0.89			1
11/25/2022	375.5	0.78			1
11/26/2022	375.5				
11/27/2022	375.5				
11/28/2022	460.6	0.75		2	1
11/29/2022	231.7	0.75		2	3.1
11/30/2022	279.3	0.78			1
Max	524.10	2.89	7.52		
Min	217.60	0.26	7.52		
Avg	344.16	0.94	7.52	1.78	1.45
Sum	10324.90				
Count	30	19	1		
Scale	1	1	1		

Hays 1 210 Monthly Report

DECEMBER 2022

Day	HAYS1-SP1	HAYS1-SP1	HAYS1-SP1		
	ReUse Flow #3 Gal	Turbidity Effluent	Effluent pH	BOD	E.coli
12/01/2022	307.5	0.87			1
12/02/2022	187.6	0.38			1
12/03/2022	187.6				
12/04/2022	187.6				
12/05/2022	205.1	0.49		1	1
12/06/2022	356.1	0.72	7.51	2	1
12/07/2022	544.1	0.96			1
12/08/2022	365	1.87			1
12/09/2022	378.7	1.12			1
12/10/2022	378.8				
12/11/2022	378.8				
12/12/2022	439.9	0.78		1	1
12/13/2022	459.7	0.61		2	1
12/14/2022	404.4	0.42			1
12/15/2022	293	0.43			1
12/16/2022	233.9	0.61			1
12/17/2022	234				
12/18/2022	234				
12/19/2022	224.3	0.8		2	1
12/20/2022	260.8	1.23		2	1
12/21/2022	237	0.75			1
12/22/2022	224.2	1.08			1
12/23/2022	403.8	0.8			1
12/24/2022	403.8				
12/25/2022	403.9				
12/26/2022	419.2	1.03		2	1
12/27/2022	444	0.72		2	1
12/28/2022	396.4	0.76			1
12/29/2022	483.5	2.31			2
12/30/2022	629.5	1.31			1
12/31/2022	629.6				
Max	629.60	2.31	7.51		
Min	187.60	0.38	7.51		
Avg	352.77	0.91	7.51	1.75	1.03
Sum	10935.80				
Count	31	22	1		
Scale	1	1	1		

PERMITEE NAME/ADDRESS *(Include Fac Name / Location if Different)*

NAME HAYS COUNTY WCID #1

ADDRESS 3300 BEE CAVE RD, SUITE 650
AUSTIN, TX 78746

FACILITY HAYS WCID #1 WWTP
LOCATION 14930 NUTTY BROWN RD

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

DISCHARGE MONITORING REPORT

WQ0014293001	001
PERMIT NO.	**DISCHARGE NO.**

MONITORING PERIOD							
	MO	DAY	YR		MO	DAY	YR
FROM	01	01	23	TO	01	31	23

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO EX	Frequency of Analysis	Sample Type
		AVG	MAX	UNITS	MIN	AVG	MAX	UNITS			
BOD 5 - DAY (20 DEG. C)	SAMP MEAS	******	******	(26)	******	<1.67	4.00	(19)	0	2/Week	GRAB
00310 1 0 0 EFFLUENT GROSS VALUE	PERM REQ	******	******	LBS/DY	******	20 DAILY AVG	65 SINGLE GRB	MG/L		2/MONTH	GRAB
PH	SAMP MEAS	******	******		7.30	******	7.58	(12)	0	2/Month	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERM REQ	******	******	***** *****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		2/MONTH	GRAB
SOLIDS, TOTAL SUSPENDED	SAMP MEAS	******	******	(26)	******	3.50	4.00	(19)	0	2/Month	GRAB
00530 1 0 0 EFFLUENT GROSS VALUE	PERM REQ	******	******	LBS/DY	******	20 DAILY AVG	65 SINGLE GRB	MG/L		2/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMP MEAS	0.3680	******	(03)	******	******	******		0	99/99	TOTALZ
50050 1 0 0 EFFLUENT GROSS VALUE	PERM REQ	0.500 DAILY AV	******	MGD	******	******	******	***** *****		CONT	TOTALZ
E. COLI GENERAL	SAMP MEAS	******	******	(13)	******	<1.21	18.5	(3Z)	0	5/Week	GRAB
51040 1 0 0 EFFLUENT GROSS VALUE	PERM REQ	******	******	100ML	******	126 DA GEOAV	399 DA MAX	CFU/ 100ML		5/WEEK	GRAB

PERMITEE NAME/ADDRESS *(Include Fac Name / Location if Different)*

NAME HAYS COUNTY WCID #1

ADDRESS 3300 BEE CAVE RD, SUITE 650
AUSTIN, TX 78746

FACILITY HAYS WCID #1 WWTP
LOCATION 14930 NUTTY BROWN RD

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

DISCHARGE MONITORING REPORT

WQ0014293001	001
PERMIT NO.	**DISCHARGE NO.**

	MONITORING PERIOD						
	MO	DAY	YR		MO	DAY	YR
FROM	02	01	23	TO	02	28	23

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO EX	Frequency of Analysis	Sample Type
		AVG	MAX	UNITS	MIN	AVG	MAX	UNITS			
BOD 5 - DAY (20 DEG. C)	SAMP MEAS	******	******	(26)	******	<2.22	4.00	(19)	0	2/Week	COMP
00310 1 0 0 EFFLUENT GROSS VALUE	PERM REQ	****** ******	******	LBS/DY	******	20 DAILY AVG	65 SINGLE GRB	MG/L		2/MONTH	COMP
PH	SAMP MEAS	******	******		7.30	******	7.31	(12)	0	2/Month	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERM REQ	******	******	***** *****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		2/MONTH	GRAB
SOLIDS, TOTAL SUSPENDED	SAMP MEAS	******	******	(26)	******	4.00	6.00	(19)	0	2/Month	GRAB
00530 1 0 0 EFFLUENT GROSS VALUE	PERM REQ	****** ******	******	LBS/DY	******	20 DAILY AVG	65 SINGLE GRB	MG/L		2/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMP MEAS	0.3730	******	(03)	******	******	******		0	99/99	TOTALZ
50050 1 0 0 EFFLUENT GROSS VALUE	PERM REQ	0.500 DAILY AV	******	MGD	******	******	******	***** *****		CONT	TOTALZ
E. COLI GENERAL	SAMP MEAS	******	******	(13)	******	<1.99	8.60	(3Z)	0	5/Week	GRAB
51040 1 0 0 EFFLUENT GROSS VALUE	PERM REQ	******	******	100ML	******	126 DA GEOAV	399 DA MAX	CFU/ 100ML		5/WEEK	GRAB

PERMITEE NAME/ADDRESS *(Include Fac Name / Location if Different)*

NAME HAYS COUNTY WCID #1

ADDRESS 3300 BEE CAVE RD, SUITE 650
AUSTIN, TX 78746

FACILITY HAYS WCID #1 WWTP
LOCATION 14930 NUTTY BROWN RD

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

DISCHARGE MONITORING REPORT

WQ0014293001	001
PERMIT NO.	**DISCHARGE NO.**

	MONITORING PERIOD						
	MO	DAY	YR		MO	DAY	YR
FROM	03	01	23	TO	03	31	23

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO EX	Frequency of Analysis	Sample Type
		AVG	MAX	UNITS	MIN	AVG	MAX	UNITS			
BOD 5 - DAY (20 DEG. C)	SAMP MEAS	******	******	(26)	******	<2.50	4.00	(19)	0	2/Week	COMP
00310 1 0 0 EFFLUENT GROSS VALUE	PERM REQ	****** ******	******	LBS/DY	******	20 DAILY AVG	65 SINGLE GRB	MG/L		2/MONTH	COMP
PH	SAMP MEAS	******	******		7.10	******	7.10	(12)	0	1/Month	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERM REQ	******	******	***** *****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		2/MONTH	GRAB
SOLIDS, TOTAL SUSPENDED	SAMP MEAS	******	******	(26)	******	12.5	13.0	(19)	0	2/Month	GRAB
00530 1 0 0 EFFLUENT GROSS VALUE	PERM REQ	****** ******	******	LBS/DY	******	20 DAILY AVG	65 SINGLE GRB	MG/L		2/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMP MEAS	0.3640	******	(03)	******	******	******		0	99/99	TOTALZ
50050 1 0 0 EFFLUENT GROSS VALUE	PERM REQ	0.500 DAILY AV	******	MGD	******	******	******	***** *****		CONT	TOTALZ
E. COLI GENERAL	SAMP MEAS	******	******	(13)	******	<1.86	24.1	(3Z)	0	5/Week	GRAB
51040 1 0 0 EFFLUENT GROSS VALUE	PERM REQ	******	******	100ML	******	126 DA GEOAV	399 DA MAX	CFU/ 100ML		5/WEEK	GRAB

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TCEQ T104704238-23-39

September 15, 2023

John Montgomery
Municipal Operations and Consulting
27316 Spectrum Way
Oak Ridge, TX 77385

Report ID: 20230915113545DLH

Enclosed are the results of analyses for samples received by our laboratory on 08/01/2023 - 08/30/2023. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Deena Higginbotham

Deena Higginbotham For Aundra Noe
Project Manager

130 S. Trade Center Parkway, Conroe TX 77385
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Municipal Operations and Consulting
27316 Spectrum Way
Oak Ridge, TX 77385

Hays County 1 - Non Potable

Reported:
09/15/2023 11:35

210

Sampled	Received	CBOD	DO	E.Coli	pH	Turb	Flow
		mg/L	mg/L	MPN/100 mL	pH Units @ 25 °C	NTU	MGD
08/01 06:35	08/01 13:45			1.00			
08/01 06:40	08/01 13:45	<2.40 [6]	5.36		7.19	1.74	6.31
08/02 11:16	08/02 17:57			<1.00 [6]			
08/03 07:10	08/03 13:42	<2.03 [4]	5.49		7.07	1.81	0.250
08/03 07:15	08/03 13:42			1.00			
08/04 09:50	08/04 13:14			3.10			
08/07 06:45	08/07 12:10			7.40			
08/08 09:02	08/08 13:32			16.9			
08/08 09:50	08/08 13:32	<2.03 [2]	5.61		7.24	34.7	0.234
08/09 10:25	08/09 13:56			2.00			
08/10 07:55	08/10 13:06	<2.40 [4]	6.29	1.00	7.05	9.96	0.181
08/11 10:20	08/11 13:58			8.60			
08/14 06:50	08/14 12:26			1.00			
08/15 09:15	08/15 13:07	2.79	5.76		7.16	0.722	0.220
08/15 09:20	08/15 13:07			<1.00 [6]			
08/16 10:55	08/16 13:50			1.00			
08/17 08:08	08/17 13:22	<2.03 [4]	6.85		7.10	2.32	0.200
08/17 08:15	08/17 13:22			1.00			
08/18 07:05	08/18 12:43			3.10			
08/21 10:07	08/21 13:22			3.10			
08/22 10:02	08/22 14:01	<2.03 [6]	6.17		7.17	2.19	0.170
08/22 10:05	08/22 14:01			5.20			
08/23 10:20	08/23 14:05			15.5			
08/24 10:40	08/24 13:56	<2.40 [6]	7.54		7.16	17.0	0.144
08/24 10:48	08/24 13:56			37.9			
08/25 08:50	08/25 13:06			25.3			
08/27 11:30	08/27 14:40			6.20			
08/28 08:20	08/28 11:48			68.3			
08/30 10:30	08/30 13:41	<2.03 [6]	9.27		7.05	6.75	0.350
08/30 10:32	08/30 13:41			67.7			
Monthly Maximum Value:		2.79	9.27	68.3	7.24	34.7	6.31
Monthly Average Value:		2.24	6.48	4.40	7.13	8.6	0.90

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Municipal Operations and Consulting
27316 Spectrum Way
Oak Ridge, TX 77385

Hays County 1 - Non Potable

Reported:
09/15/2023 11:35

Aeration

Sampled	Received	TSS
		mg/L
08/01 06:45	08/01 13:45	9800
08/03 07:05	08/03 13:42	9840
08/08 09:05	08/08 13:32	7020
08/10 07:50	08/10 13:06	8060
08/15 09:25	08/15 13:07	7380
08/17 07:58	08/17 13:22	9300 [1]
08/22 09:58	08/22 14:01	6460
08/24 10:35	08/24 13:56	7620
08/30 10:25	08/30 13:41	10400
Monthly Maximum Value:		34.7
Monthly Average Value:		8431.111

Raw Bar Screen

Sampled	Received	BOD	CBOD	NH3	pH	TSS
		mg/L	mg/L	mg/L	pH Units @ 25 °C	mg/L
08/03 07:05	08/03 13:42	105	86.8	35.0	7.20	158
08/10 07:50	08/10 13:06	143	86.8	32.0	7.32	112
08/17 07:58	08/17 13:22	177	108	33.5	7.05	132
08/24 10:35	08/24 13:56	309	199	61.5	7.44	358
Monthly Maximum Value:		34.7	34.7	61.5	7.44	7.44
Monthly Average Value:		183.6995	120.3	40.5	7.25	189.75

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Municipal Operations and Consulting
27316 Spectrum Way
Oak Ridge, TX 77385

Hays County 1 - Non Potable

Reported:
09/15/2023 11:35

Subsurface

Sampled	Received	BOD	DO	E.Coli	pH	TSS	Turb	Flow
		mg/L	mg/L	MPN/100 mL	pH Units @ 25 °C	mg/L	NTU	MGD
08/01 06:35	08/01 13:45			1.00				
08/01 06:40	08/01 13:45	9.32	6.58		7.23	23.0		6.31
08/02 11:16	08/02 17:57			<1.00 [6]				
08/03 07:10	08/03 13:42	<2.40 [4]	5.49		7.07	3.47		0.250
08/03 07:15	08/03 13:42			4.10				
08/04 09:50	08/04 13:14			7.50				
08/07 06:45	08/07 12:10			8.60				
08/08 09:02	08/08 13:32			9.80				
08/08 09:50	08/08 13:32	5.14 [2]	5.61		7.24	56.1		0.234
08/09 10:25	08/09 13:56			13.2				
08/10 07:55	08/10 13:06	<2.03 [4]	6.29	2.00	7.05	9.57		0.181
08/11 10:20	08/11 13:58			13.4				
08/14 06:50	08/14 12:26			5.20				
08/15 09:15	08/15 13:07	<2.03 [4]	5.76		7.16	<1.00 [6]		0.220
08/15 09:20	08/15 13:07			<1.00 [6]				
08/16 10:55	08/16 13:50			1.00				
08/17 08:08	08/17 13:22	<2.40 [4]	6.85		7.10	2.95		0.200
08/17 08:15	08/17 13:22			<1.00 [6]				
08/18 07:05	08/18 12:43			4.10				
08/21 10:07	08/21 13:22			6.30				
08/22 10:02	08/22 14:01	<2.03 [6]	6.17		7.17	3.89		0.170
08/22 10:05	08/22 14:01			1.00				
08/23 10:20	08/23 14:05			12.0				
08/24 10:40	08/24 13:56	3.81	7.54		7.16	54.3	21.9	0.144
08/24 10:48	08/24 13:56			53.7				
08/25 08:50	08/25 13:06			9.80				
08/27 11:30	08/27 14:40			3.10				
08/28 08:20	08/28 11:48			64.5				
08/30 10:30	08/30 13:41	3.21	9.27		7.05	12.6	7.05	0.350
08/30 10:32	08/30 13:41			35.0				
Monthly Maximum Value:		9.32	9.27	64.5	7.24	56.1	21.9	6.31
Monthly Average Value:		3.60	6.62	5.19	7.14	18.5	14.5	0.90

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Municipal Operations and Consulting	Hays County 1 - Non Potable	
27316 Spectrum Way		**Reported:**
Oak Ridge, TX 77385		09/15/2023 11:35

Special Notes

1 - B1	=	Associated method blank is lower than the established quality control criteria.
2 - FF	=	The blank for biochemical oxygen demand depleted more than the method limit of 0.20 mg/l.
3 - J1	=	Estimated value - The reported value is outside the established quality control criteria for accuracy and/or precision.
4 - J4	=	Estimated value and sample is less than value - No dilution produced a depletion of 2 mg/L of DO or greater, oxygen demand of sample was less than anticipated.
5 - L	=	Off scale high - The concentration of the analyte exceeds the linear range.
6 - U	=	Non-detected compound.

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TCEQ T104704238-23-39

October 17, 2023

John Montgomery
Municipal Operations and Consulting
27316 Spectrum Way
Oak Ridge, TX 77385

Report ID: 20231017081957DLH

Enclosed are the results of analyses for samples received by our laboratory on 09/01/2023 - 09/30/2023. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Deena Higginbotham

Deena Higginbotham For Aundra Noe
Project Manager

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Municipal Operations and Consulting
27316 Spectrum Way
Oak Ridge, TX 77385

Hays County 1 - Non Potable

Reported:
10/17/2023 08:19

210

Sampled	Received	CBOD	DO	E.Coli	pH	Turb	Flow
		mg/L	mg/L	MPN/100 mL	pH Units @ 25 °C	NTU	MGD
09/01 09:20	09/01 13:06	<2.03 [4]	6.88		7.05	7.75	0.260
09/01 09:21	09/01 13:06			31.8			
09/02 00:00	09/02 00:00			60.2			
09/03 08:52	09/03 12:17			12.0			
09/04 08:55	09/04 13:06			10.8			
09/06 10:38	09/06 14:21			15.5			
09/06 10:41	09/06 14:21	<2.03 [5]	5.66		6.98	9.44	0.200
09/08 10:15	09/08 13:35	<2.40 [4]	5.66		6.97	2.18	0.190
09/08 10:16	09/08 13:35			6.30			
09/09 11:16	09/09 14:49			4.10			
09/10 09:26	09/10 13:06			<1.00 [5]			
09/11 11:26	09/11 15:53			<1.00 [5]			
09/13 11:18	09/13 16:30	<2.03 [4]	5.18		7.27	0.981	0.250
09/13 11:20	09/13 16:30			<1.00 [5]			
09/15 11:18	09/15 15:55	<2.40 [4]	6.56	1.00	7.17	1.12	0.250
09/16 11:08	09/16 14:55			6.30			
09/17 10:24	09/17 14:11			4.10			
09/18 11:44	09/18 15:17			66.3			
09/20 10:18	09/20 14:29	<2.03 [4]	6.73		7.26	3.80	0.220
09/20 10:23	09/20 14:29			<1.00 [5]			
09/22 12:26	09/22 16:41	<2.03 [5]	6.07	53.7	7.20	7.22	0.320
09/23 08:14	09/23 11:49			32.7			
09/24 10:36	09/24 14:35			7.50			
09/25 11:13	09/25 14:37			3.10			
09/27 09:33	09/27 13:14	<2.03 [5]	5.20	5.20	7.05	5.92	0.280
09/29 10:22	09/29 14:02	<2.03 [4]	9.58		7.00	1.90	0.260
09/29 10:25	09/29 14:02			<1.00 [5]			
09/30 09:37	09/30 14:12			5.20			
Monthly Maximum Value:		2.40	9.58	66.3	7.27	9.44	0.320
Monthly Average Value:		2.11	6.39	6.1	7.11	4.48	0.248

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27316 Spectrum Way
Oak Ridge, TX 77385

Hays County 1 - Non Potable

Reported:
10/17/2023 08:19

Aeration

Sampled	Received	TSS
		mg/L
09/01 09:16	09/01 13:06	10100
09/06 10:46	09/06 14:21	11100
09/08 10:11	09/08 13:35	11000
09/13 11:16	09/13 16:30	9120
09/15 11:10	09/15 15:55	11200
09/20 10:14	09/20 14:29	8900
09/22 12:20	09/22 16:41	8920
09/27 09:27	09/27 13:14	10600
09/29 10:24	09/29 14:02	10200
Monthly Maximum Value:		9.44
Monthly Average Value:		10131.11

Raw Bar Screen

Sampled	Received	BOD	CBOD	NH3	pH	TSS
		mg/L	mg/L	mg/L	pH Units @ 25 °C	mg/L
09/01 09:10	09/01 13:06	124	166	87.5	8.32	230
09/08 10:05	09/08 13:35	314	246	67.5	7.75	216
09/15 11:03	09/15 15:55	493	245	44.9	7.62	285
09/22 12:14	09/22 16:41	274	198	55.2	7.51	188
09/29 10:15	09/29 14:02	237	237 [2]	54.5	7.72	188 [1]
Monthly Maximum Value:		9.44	9.44	87.5	8.32	8.32
Monthly Average Value:		288.6162	218.31	61.9	7.78	221.4

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Municipal Operations and Consulting
27316 Spectrum Way
Oak Ridge, TX 77385

Hays County 1 - Non Potable

Reported:
10/17/2023 08:19

Subsurface

Sampled	Received	BOD	DO	E.Coli	pH	TSS	Turb	Flow
		mg/L	mg/L	MPN/100 mL	pH Units @ 25 °C	mg/L	NTU	MGD
09/01 09:20	09/01 13:06	<2.40 [5]	6.88		7.05	14.3 [1]	7.04	0.260
09/01 09:21	09/01 13:06			27.2				
09/02 00:00	09/02 00:00			83.9				
09/03 08:52	09/03 12:17			88.2				
09/04 08:55	09/04 13:06			18.7				
09/06 10:38	09/06 14:21			6.30				
09/06 10:41	09/06 14:21	2.88	5.66		6.98	24.1	10.4	0.200
09/08 10:15	09/08 13:35	<2.03 [4]	5.66		6.97	4.32	2.05	0.190
09/08 10:16	09/08 13:35			8.50				
09/09 11:16	09/09 14:49			<1.00 [5]				
09/10 09:26	09/10 13:06			<1.00 [5]				
09/11 11:26	09/11 15:53			<1.00 [5]				
09/13 11:18	09/13 16:30	<2.03 [4]	5.18		7.27	<1.00 [5]	0.614	0.250
09/13 11:20	09/13 16:30			1.00				
09/15 11:18	09/15 15:55	<2.03 [4]	6.56	1.00	7.17	5.79 [1]	1.13	0.250
09/16 11:08	09/16 14:55			2.00				
09/17 10:24	09/17 14:11			2.00				
09/18 11:44	09/18 15:17			37.9				
09/20 10:18	09/20 14:29	<2.40 [4]	6.73		7.26	7.74	3.71	0.220
09/20 10:23	09/20 14:29			<1.00 [5]				
09/22 12:26	09/22 16:41	3.78	6.07	37.7	7.20	26.3	6.63	0.320
09/23 08:14	09/23 11:49			8.60				
09/24 10:36	09/24 14:35			15.6				
09/25 11:13	09/25 14:37			1.00				
09/27 09:33	09/27 13:14	5.50	5.20	7.50	7.05	3.05 [1]	7.41	0.280
09/29 10:22	09/29 14:02	<2.40 [4]	9.58		7.00	4.53	2.32	0.260
09/29 10:25	09/29 14:02			<1.00 [5]				
09/30 09:37	09/30 14:12			11.9				
Monthly Maximum Value:		5.50	9.58	88.2	7.27	26.3	10.4	0.320
Monthly Average Value:		2.83	6.39	5.4	7.11	10.1	4.6	0.248

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TCEQ T104704238-23-39

Municipal Operations and Consulting
27316 Spectrum Way
Oak Ridge, TX 77385

Hays County 1 - Non Potable

Reported:
10/17/2023 08:19

Special Notes

1 - B1 = Associated method blank is lower than the established quality control criteria.

2 - FF = The blank for biochemical oxygen demand depleted more than the method limit of 0.20 mg/l.

3 - J1 = Estimated value - The reported value is outside the established quality control criteria for accuracy and/or precision.

4 - J4 = Estimated value and sample is less than value - No dilution produced a depletion of 2 mg/L of DO or greater, oxygen demand of sample was less than anticipated.

5 - U = Non-detected compound.

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TCEQ T104704238-23-39

November 09, 2023

John Montgomery
Municipal Operations and Consulting
27316 Spectrum Way
Oak Ridge, TX 77385

Report ID: 20231109134455RLR

Enclosed are the results of analyses for samples received by our laboratory on 10/01/2023 - 10/30/2023. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Rebecca Rabon For Aundra Noe
Project Manager

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27316 Spectrum Way
Oak Ridge, TX 77385

Hays County 1 - Non Potable

Reported:
11/09/2023 13:44

210

Sampled	Received	CBOD	DO	E.Coli	pH	Turb	Flow
		mg/L	mg/L	MPN/100 mL	pH Units @ 25 °C	NTU	MGD
10/01 11:51	10/01 15:32			3.10			
10/02 10:19	10/02 14:07			2.00			
10/04 10:50	10/04 16:24			9.60			
10/04 10:52	10/04 16:24	2.62	4.74		7.22	4.94	0.200
10/06 12:05	10/06 15:52	<2.40 [5]	5.37	2.00	6.83	1.93	0.170
10/07 12:30	10/07 17:10			1.00			
10/08 10:24	10/08 13:50			1.00			
10/09 08:28	10/09 13:01			7.30			
10/11 12:30	10/11 15:22	<2.03 [5]	5.15	2.00	7.17	5.10	0.220
10/13 07:04	10/13 13:39	2.60	7.69	<1.00 [5]	6.87	15.0	0.230
10/14 09:25	10/14 12:40			<1.00 [5]			
10/15 10:48	10/15 14:19			<1.00 [5]			
10/16 08:44	10/16 12:31			<1.00 [5]			
10/18 09:22	10/18 13:55	<2.03 [5]	5.94	6.30	7.15	6.70	0.200
10/20 09:18	10/20 13:04	<2.03 [4]	5.55	1.00	7.06	3.50	0.260
10/21 11:00	10/21 14:45			<1.00 [5]			
10/22 10:39	10/22 14:25			<1.00 [5]			
10/23 09:05	10/23 13:01			<1.00 [5]			
10/25 10:50	10/25 14:24	<2.03 [5]	5.05	6.30	7.03	6.60	0.430
10/27 09:47	10/27 13:02	<2.40 [5]	5.03	<1.00 [5]	6.95	4.30	0.520
10/28 07:11	10/28 10:45			<1.00 [5]			
10/29 08:40	10/29 11:48			<1.00 [5]			
10/30 09:41	10/30 13:18			1.00			
Monthly Maximum Value:		2.62	7.69	9.60	7.22	15.0	0.520
Monthly Average Value:		2.27	5.57	1.66	7.04	6.01	0.279

Aeration

Sampled	Received	TSS
		mg/L
10/04 10:50	10/04 16:24	10700
10/06 11:59	10/06 15:52	11100
10/11 12:28	10/11 15:22	9980
10/13 07:02	10/13 13:39	10300 [1]
10/18 09:14	10/18 13:55	13000
10/20 09:26	10/20 13:04	12300
10/25 10:43	10/25 14:24	11600
10/27 09:38	10/27 13:02	10300
Monthly Maximum Value:		15.0
Monthly Average Value:		11175

NWDLS
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TCEQ T104704238-23-39

Municipal Operations and Consulting
27316 Spectrum Way
Oak Ridge, TX 77385

Hays County 1 - Non Potable

Reported:
11/09/2023 13:44

Raw Bar Screen

Sampled	Received	BOD	CBOD	NH3	pH	TSS
		mg/L	mg/L	mg/L	pH Units @ 25 °C	mg/L
10/06 11:53	10/06 15:52	231 [2]	240	45.0	7.46	188
10/13 06:45	10/13 13:39	157	139	42.7	7.09	51.0
10/20 09:20	10/20 13:04	184 [2]	178 [2]	83.2	8.38	268 [1]
10/27 09:33	10/27 13:02	80.4	82.5	62.1	8.02	176 [1]
Monthly Maximum Value:		15.0	15.0	83.2	8.38	8.38
Monthly Average Value:		163.0313	159.8522	58.2	7.74	170.625

Subsurface

Sampled	Received	BOD	DO	E.Coli	pH	TSS	Turb	Flow
		mg/L	mg/L	MPN/100 mL	pH Units @ 25 °C	mg/L	NTU	MGD
10/01 11:51	10/01 15:32			3.10				
10/02 10:19	10/02 14:07			3.00				
10/04 10:50	10/04 16:24			2.00				
10/04 10:52	10/04 16:24	7.10	4.74		7.22	39.4	3.08	0.200
10/06 12:05	10/06 15:52	<2.03 [2]	5.37	<1.00 [5]	6.83	7.00 [1]	6.23	0.170
10/07 12:30	10/07 17:10			<1.00 [5]				
10/08 10:24	10/08 13:50			2.00				
10/09 08:28	10/09 13:01			4.10				
10/11 12:30	10/11 15:22	<2.03 [5]	5.15	<1.00 [5]	7.17	7.43	5.70	0.220
10/13 07:04	10/13 13:39	<2.40 [5]	7.69	3.10	6.87	39.5	15.0	0.230
10/14 09:25	10/14 12:40			<1.00 [5]				
10/15 10:48	10/15 14:19			<1.00 [5]				
10/16 08:44	10/16 12:31			1.00				
10/18 09:22	10/18 13:55	<2.40 [5]	5.94	5.20	7.15	19.0	6.40	<0.00 [5]
10/20 09:18	10/20 13:04	<2.40 [4]	5.55	<1.00 [5]	7.06	7.59	11.0	0.260
10/21 11:00	10/21 14:45			<1.00 [5]				
10/22 10:39	10/22 14:25			<1.00 [5]				
10/23 09:05	10/23 13:01			<1.00 [5]				
10/25 10:50	10/25 14:24	<2.03 [5]	5.05	5.10	7.03	4.00	2.90	0.430
10/27 09:47	10/27 13:02	<2.40 [4]	5.03	<1.00 [5]	6.95	<1.00 [5]	0.250	0.520
10/28 07:11	10/28 10:45			<1.00 [5]				
10/29 08:40	10/29 11:48			<1.00 [5]				
10/30 09:41	10/30 13:18			1.00				
Monthly Maximum Value:		7.11	7.69	5.20	7.22	39.5	15.0	0.520
Monthly Average Value:		2.85	5.57	1.54	7.04	15.6	6.3	0.254

130 S. Trade Center Parkway, Conroe TX 77385
Tel: (936) 321-6060
Email: lab@nwdls.com
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TCEQ T104704238-23-39

Municipal Operations and Consulting	Hays County 1 - Non Potable	
27316 Spectrum Way		**Reported:**
Oak Ridge, TX 77385		11/09/2023 13:44

Special Notes

1 - B1	=	Associated method blank is lower than the established quality control criteria.
2 - FF	=	The blank for biochemical oxygen demand depleted more than the method limit of 0.20 mg/l.
3 - J1	=	Estimated value - The reported value is outside the established quality control criteria for accuracy and/or precision.
4 - J4	=	Estimated value and sample is less than value - No dilution produced a depletion of 2 mg/L of DO or greater, oxygen demand of sample was less than anticipated.
5 - U	=	Non-detected compound.

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TCEQ T104704238-23-39

December 18, 2023

John Montgomery
Municipal Operations and Consulting
27316 Spectrum Way
Oak Ridge, TX 77385

Report ID: 20231218153307DLH

Enclosed are the results of analyses for samples received by our laboratory on 11/01/2023 - 11/29/2023. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Deena Higginbotham

Deena Higginbotham For Aundra Noe
Project Manager

130 S. Trade Center Parkway, Conroe TX 77385
Tel: (936) 321-6060
Email: lab@nwdls.com
www. NWDLS.com
TCEQ T104704238-23-39

January 19, 2024

John Montgomery
Municipal Operations and Consulting
27316 Spectrum Way
Oak Ridge, TX 77385

Report ID: 20240119124215DLH

Enclosed are the results of analyses for samples received by our laboratory on 12/01/2023 - 12/31/2023. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Deena Higginbotham For Aundra Noe
Project Manager

130 S. Trade Center Parkway, Conroe TX 77385
Tel: (936) 321-6060
Email: lab@nwdls.com
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TCEQ T104704238-23-39

Municipal Operations and Consulting
27316 Spectrum Way
Oak Ridge, TX 77385

Hays County 1 - Non Potable

Reported:
01/19/2024 12:42

210

Sampled	Received	CBOD	DO	E.Coli	pH	Turb	Flow
		mg/L	mg/L	MPN/100 mL	pH Units @ 25 °C	NTU	MGD
12/01 07:46	12/01 11:31	<2.40 [3]	4.36		7.05	0.800	0.300
12/01 07:47	12/01 11:31			3.10			
12/02 09:37	12/02 12:59			<1.00 [4]			
12/03 09:59	12/03 13:15			<1.00 [4]			
12/04 10:00	12/04 13:02			<1.00 [4]			
12/06 10:18	12/06 14:38	<2.03 [4]	4.29		7.06	3.40	0.140
12/06 10:20	12/06 14:38			1.00			
12/08 11:36	12/08 14:59	<2.03 [3]	4.73	<1.00 [4]	7.02	0.700	0.0800
12/09 10:47	12/09 14:10			<1.00 [4]			
12/10 11:22	12/10 14:26			<1.00 [4]			
12/11 13:09	12/11 16:11			<1.00 [4]			
12/13 11:26	12/13 15:55	<2.03 [3]	7.08		6.94	0.650	0.170
12/13 11:28	12/13 15:55			7.40			
12/15 12:02	12/15 16:11	<2.03 [3]	6.91		7.10	0.150	0.120
12/15 12:04	12/15 16:11			<1.00 [4]			
12/16 10:37	12/16 13:52			<1.00 [4]			
12/17 09:21	12/17 12:32			<1.00 [4]			
12/18 10:00	12/18 14:22			1.00			
12/20 11:30	12/20 15:52	<2.40 [4]	7.93		7.30	0.100	0.100
12/20 11:34	12/20 15:52			<1.00 [4]			
12/22 12:13	12/22 15:58	13.9	5.42		7.07	1.00	0.110
12/22 12:14	12/22 15:58			2.00			
12/23 10:30	12/23 14:16			<1.00 [4]			
12/24 09:35	12/24 12:48			<1.00 [4]			
12/25 12:15	12/25 15:25			<1.00 [4]			
12/27 09:59	12/27 14:31	<2.03 [4]	7.17		7.13	0.200	0.120
12/27 10:01	12/27 14:31			1.00			
12/29 12:14	12/29 15:48			<1.00 [4]			
12/29 12:15	12/29 15:48	<2.03 [4]	6.30		7.24	0.100	0.130
12/30 10:00	12/30 12:50			9.70			
12/31 10:00	12/31 12:45			<1.00 [4]			
Monthly Maximum Value:		13.9	7.93	9.70	7.30	3.40	0.300
Monthly Average Value:		3.43	6.02	1.30	7.10	0.789	0.141

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Oak Ridge, TX 77385

Hays County 1 - Non Potable

Reported:
01/19/2024 12:42

Aeration

Sampled	Received	TSS
		mg/L
12/01 07:39	12/01 11:31	14000
12/06 10:32	12/06 14:38	19400
12/08 11:30	12/08 14:59	15100
12/13 11:23	12/13 15:55	16000
12/15 12:09	12/15 16:11	11600
12/20 11:28	12/20 15:52	12800
12/22 12:20	12/22 15:58	11200
12/27 10:04	12/27 14:31	11900
12/29 12:18	12/29 15:48	8680
Monthly Maximum Value:		3.40
Monthly Average Value:		13420

Raw Bar Screen

Sampled	Received	BOD	CBOD	NH3	pH	TSS
		mg/L	mg/L	mg/L	pH Units @ 25 °C	mg/L
12/01 07:34	12/01 11:31	140	97.9	40.5	7.64	240
12/08 11:25	12/08 14:59	223	176	60.5	7.62	290
12/15 11:55	12/15 16:11	236	140	47.5	7.73	230
12/22 12:02	12/22 15:58	131	100	56.5	7.52	328
12/29 12:05	12/29 15:48	265	138	54.2	7.80	210
Monthly Maximum Value:		3.40	3.40	60.5	7.80	7.80
Monthly Average Value:		199.042	130.3	51.8	7.66	259.6

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27316 Spectrum Way
Oak Ridge, TX 77385

Hays County 1 - Non Potable

Reported:
01/19/2024 12:42

Subsurface

Sampled	Received	BOD	DO	E.Coli	pH	TSS	Turb	Flow
		mg/L	mg/L	MPN/100 mL	pH Units @ 25 °C	mg/L	NTU	MGD
12/01 07:46	12/01 11:31	<2.03 [3]	4.36		7.05	<1.00 [4]	0.550	0.300
12/01 07:47	12/01 11:31			1.00				
12/02 09:37	12/02 12:59			<1.00 [4]				
12/03 09:59	12/03 13:15			<1.00 [4]				
12/04 10:00	12/04 13:02			<1.00 [4]				
12/06 10:18	12/06 14:38	<2.40 [3]	4.29		7.06	7.74	4.60	0.140
12/06 10:20	12/06 14:38			<1.00 [4]				
12/08 11:36	12/08 14:59	<2.40 [3]	4.73	<1.00 [4]	7.02	<1.00 [4]	0.400	0.0800
12/09 10:47	12/09 14:10			<1.00 [4]				
12/10 11:22	12/10 14:26			<1.00 [4]				
12/11 13:09	12/11 16:11			2.00				
12/13 11:26	12/13 15:55	<2.03 [4]	7.08		6.94	18.7	0.600	0.170
12/13 11:28	12/13 15:55			<1.00 [4]				
12/15 12:02	12/15 16:11	<2.03 [3]	6.91		7.10	5.16	0.200	0.120
12/15 12:04	12/15 16:11			<1.00 [4]				
12/16 10:37	12/16 13:52			<1.00 [4]				
12/17 09:21	12/17 12:32			<1.00 [4]				
12/18 10:00	12/18 14:22			<1.00 [4]				
12/20 11:30	12/20 15:52	<2.03 [3]	7.93		7.30	3.05	0.100	0.100
12/20 11:34	12/20 15:52			<1.00 [4]				
12/22 12:13	12/22 15:58	9.52	5.42		7.07	1.89	0.850	0.110
12/22 12:14	12/22 15:58			1.00				
12/23 10:30	12/23 14:16			1.00				
12/24 09:35	12/24 12:48			<1.00 [4]				
12/25 12:15	12/25 15:25			<1.00 [4]				
12/27 09:59	12/27 14:31	<2.40 [3]	7.17		7.13	<1.00 [4]	0.200	0.120
12/27 10:01	12/27 14:31			<1.00 [4]				
12/29 12:14	12/29 15:48			<1.00 [4]				
12/29 12:15	12/29 15:48	<2.40 [3]	6.30		7.24	<1.00 [4]	0.100	0.130
12/30 10:00	12/30 12:50			7.50				
12/31 10:00	12/31 12:45			<1.00 [4]				
Monthly Maximum Value:		9.52	7.93	7.50	7.30	18.7	4.60	0.300
Monthly Average Value:		3.03	6.02	1.12	7.10	4.50	0.844	0.141

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Municipal Operations and Consulting	Hays County 1 - Non Potable	
27316 Spectrum Way		**Reported:**
Oak Ridge, TX 77385		01/19/2024 12:42

Special Notes

1 - FF = The blank for biochemical oxygen demand depleted more than the method limit of 0.20 mg/l.

2 - J1 = Estimated value - The reported value is outside the established quality control criteria for accuracy and/or precision.

3 - J4 = Estimated value and sample is less than value - No dilution produced a depletion of 2 mg/L of DO or greater, oxygen demand of sample was less than anticipated.

4 - U = Non-detected compound.

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Municipal Operations and Consulting
27316 Spectrum Way
Oak Ridge, TX 77385

Hays County 1 - Non Potable

Reported:
12/18/2023 15:33

210

Sampled	Received	CBOD	DO	E.Coli	pH	Turb	Flow
		mg/L	mg/L	MPN/100 mL	pH Units @ 25 °C	NTU	MGD
11/01 10:59	11/01 14:46	<2.03 [6]	7.23	<1.00 [6]	6.93	3.30	0.330
11/03 10:07	11/03 13:34	2.55	7.09	<1.00 [6]	7.11	2.40	0.330
11/04 10:29	11/04 14:16			<1.00 [6]			
11/05 10:48	11/05 14:33			1.00			
11/06 11:40	11/06 14:59			2.00			
11/08 10:31	11/08 14:27	<2.03 [5]	8.31	1.00	7.15	3.30	0.310
11/10 11:32	11/10 15:29	<2.03 [5]	8.69	<1.00 [6]	7.18	1.40	0.320
11/11 10:40	11/11 14:08			5.20			
11/12 09:14	11/12 12:34			2.00			
11/13 13:25	11/13 16:40			3.10			
11/15 06:37	11/15 13:13	<2.03 [5]	6.56	<1.00 [6]	7.32	1.00	0.433
11/17 10:39	11/17 14:08	<2.40 [6]	8.54	2.00	7.13	2.60	0.300
11/18 11:25	11/18 14:50			<1.00 [6]			
11/19 10:40	11/19 13:53			4.10			
11/20 11:51	11/20 15:23			9.80			
11/22 09:03	11/22 13:49	<2.03 [5]	8.29		7.07	15.0	0.500
11/22 09:05	11/22 13:49			3.10			
11/24 10:00	11/24 13:20	<2.03 [5]	8.68	<1.00 [6]	7.04	0.250	0.370
11/25 10:26	11/25 14:13					0.400	
11/25 10:28	11/25 14:13			2.00			
11/26 10:36	11/26 13:42			<1.00 [6]			
11/27 10:29	11/27 13:22			<1.00 [6]			
11/29 08:48	11/29 12:51	<2.40 [5]	8.94	1.00	7.11	3.50	0.330
Monthly Maximum Value:		2.55	8.94	9.80	7.32	15.0	0.500
Monthly Average Value:		2.17	8.04	1.64	7.12	3.3	0.358

Aeration

Sampled	Received	TSS
		mg/L
11/01 10:56	11/01 14:46	13900 [1]
11/03 10:03	11/03 13:34	11900 [1]
11/08 10:35	11/08 14:27	14800
11/10 11:24	11/10 15:29	16600
11/15 06:40	11/15 13:13	13500
11/17 10:43	11/17 14:08	17500
11/22 09:07	11/22 13:49	14900
11/24 10:03	11/24 13:20	20800
11/29 08:53	11/29 12:51	18600
Monthly Maximum Value:		15.0
Monthly Average Value:		15842.22

NWDLS
North Water District Laboratory Services, Inc.

130 S. Trade Center Parkway, Conroe TX 77385
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TCEQ T104704238-23-39

Municipal Operations and Consulting
27316 Spectrum Way
Oak Ridge, TX 77385

Hays County 1 - Non Potable

Reported:
12/18/2023 15:33

Raw Bar Screen

Sampled	Received	BOD	CBOD	NH3	pH	TSS
		mg/L	mg/L	mg/L	pH Units @ 25 °C	mg/L
11/03 09:55	11/03 13:34	293	116	68.5	7.99	172
11/10 11:17	11/10 15:29	281	195	66.0	8.00	236
11/17 10:27	11/17 14:08	244	200	67.3	8.14	200
11/24 09:48	11/24 13:20	110	135	63.6	7.81	217
Monthly Maximum Value:		15.0	15.0	68.5	8.14	8.14
Monthly Average Value:		231.6797	161.5023	66.4	7.99	206.2857

Subsurface

Sampled	Received	BOD	DO	E.Coli	pH	TSS	Turb	Flow
		mg/L	mg/L	MPN/100 mL	pH Units @ 25 °C	mg/L	NTU	MGD
11/01 10:59	11/01 14:46	<2.03 [5]	7.23	<1.00 [6]	6.43	2.95	3.30	0.330
11/03 10:07	11/03 13:34	<2.03 [6]	7.09	1.00	7.11	16.6	8.00	0.330
11/04 10:29	11/04 14:16			2.00				
11/05 10:48	11/05 14:33			<1.00 [6]				
11/06 11:40	11/06 14:59			<1.00 [6]				
11/08 10:31	11/08 14:27	<2.40 [5]	8.31	<1.00 [6]	7.15	7.07	3.40	0.310
11/10 11:32	11/10 15:29	<2.03 [6]	8.69	<1.00 [6]	7.18	11.1	0.750 [3]	0.320
11/11 10:40	11/11 14:08			2.00				
11/12 09:17	11/12 12:34			8.60				
11/13 13:25	11/13 16:40			1.00				
11/15 06:37	11/15 13:13	<2.03 [5]	6.56	3.10	7.32	<1.00 [6]	1.10	0.433
11/17 10:39	11/17 14:08	<2.40 [5]	8.54	2.00	7.13	9.09	5.70	0.300
11/18 11:25	11/18 14:50			2.00				
11/19 10:40	11/19 13:53			7.20				
11/20 11:51	11/20 15:23			4.10				
11/22 09:03	11/22 13:49	<2.03 [2]	8.29		7.07	10.3	4.30	0.500
11/22 09:05	11/22 13:49			2.00				
11/24 10:00	11/24 13:20	<2.03 [5]	8.68	<1.00 [6]	7.04	<1.00 [6]	0.200	0.330
11/25 10:26	11/25 14:13						0.400	
11/25 10:28	11/25 14:13			<1.00 [6]				
11/26 10:36	11/26 13:42			<1.00 [6]				
11/27 10:29	11/27 13:22			<1.00 [6]				
11/29 08:48	11/29 12:51	<2.40 [6]	8.94	1.00	7.11	8.78	3.30	0.330
Monthly Maximum Value:		2.40	8.94	8.60	7.32	16.6	8.00	0.500
Monthly Average Value:		2.15	8.04	1.62	7.06	7.54	3.05	0.354

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TCEQ T104704238-23-39

Municipal Operations and Consulting	Hays County 1 - Non Potable	
27316 Spectrum Way		**Reported:**
Oak Ridge, TX 77385		12/18/2023 15:33

Special Notes

1 - B1 = Associated method blank is lower than the established quality control criteria.

2 - FF = The blank for biochemical oxygen demand depleted more than the method limit of 0.20 mg/l.

3 - HR = The rerun parameter was analyzed outside the method specified holding time.

4 - J1 = Estimated value - The reported value is outside the established quality control criteria for accuracy and/or precision.

5 - J4 = Estimated value and sample is less than value - No dilution produced a depletion of 2 mg/L of DO or greater, oxygen demand of sample was less than anticipated.

6 - U = Non-detected compound.

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TCEQ T104704238-23-39

February 14, 2024

John Montgomery
Municipal Operations and Consulting
27316 Spectrum Way
Oak Ridge, TX 77385

Report ID: 20240214173811DLH

Enclosed are the results of analyses for samples received by our laboratory on 01/01/2024 - 01/31/2024. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Deena Higginbotham

Deena Higginbotham For Aundra Noe
Project Manager

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Municipal Operations and Consulting
27316 Spectrum Way
Oak Ridge, TX 77385

Hays County 1 - Non Potable

Reported:
02/14/2024 17:38

210

Sampled	Received	CBOD	DO	E.Coli	pH	Turb	Flow
		mg/L	mg/L	MPN/100 mL	pH Units @ 25 °C	NTU	MGD
01/01 07:04	01/01 10:22			2.00			
01/03 13:00	01/03 16:50	<2.03 [2]	6.83	<1.00 [5]	6.77	0.650	0.130
01/05 12:59	01/05 16:54			3.00			
01/05 13:02	01/05 16:54	<2.03 [4]	7.84		7.14	39.0	0.160
01/06 10:57	01/06 14:52			1.00			
01/07 08:52	01/07 11:56			43.5			
01/08 11:40	01/08 14:32			<1.00 [5]			
01/10 12:35	01/10 16:20			<1.00 [5]			
01/10 12:40	01/10 16:20	<2.03 [5]	8.28		7.72	0.250	0.140
01/12 11:03	01/12 14:24	<2.40 [5]	6.67		7.10	0.400	0.120
01/12 11:04	01/12 14:24			<1.00 [5]			
01/13 10:25	01/13 13:56			8.40			
01/14 11:25	01/14 14:30			<1.00 [5]			
01/15 12:27	01/15 16:24			<1.00 [5]			
01/17 12:10	01/17 15:45			<1.00 [5]			
01/17 12:15	01/17 15:45	<2.03 [4]	8.35		7.95	0.150	0.150
01/19 12:43	01/19 17:00	<2.03 [4]	6.43		7.06	1.00	0.160
01/19 12:47	01/19 17:00			<1.00 [5]			
01/20 09:50	01/20 13:32			4.10			
01/21 10:03	01/21 13:43			2.00			
01/22 13:06	01/22 16:48			<1.00 [5]			
01/24 09:30	01/24 15:40	<2.03 [2]	6.60	<1.00 [5]	6.30	1.00	
01/26 11:06	01/26 14:58	<2.40 [4]	6.36		7.21	0.150	0.120
01/26 11:08	01/26 14:58			<1.00 [5]			
01/27 08:18	01/27 12:41			<1.00 [5]			
01/28 09:59	01/28 13:32			<1.00 [5]			
01/29 11:54	01/29 15:06			<1.00 [5]			
01/31 10:45	01/31 16:10			<1.00 [5]			
01/31 10:50	01/31 16:10	2.77	8.35		7.74	1.10	0.100
Monthly Maximum Value:		2.77	8.35	43.5	7.95	39.0	0.160
Monthly Average Value:		2.19	7.30	1.56	7.22	4.856	0.135

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Email: lab@nwdls.com
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TCEQ T104704238-23-39

Municipal Operations and Consulting
27316 Spectrum Way
Oak Ridge, TX 77385

Hays County 1 - Non Potable

Reported:
02/14/2024 17:38

Aeration

Sampled	Received	TSS
		mg/L
01/03 13:00	01/03 16:50	8920
01/05 12:53	01/05 16:54	8360
01/10 12:40	01/10 16:20	9420
01/12 11:08	01/12 14:24	9760
01/17 12:15	01/17 15:45	11100
01/19 12:51	01/19 17:00	10700
01/24 09:40	01/24 15:40	10500
01/26 10:58	01/26 14:58	11400
01/31 10:50	01/31 16:10	11100
Monthly Maximum Value:		39.0
Monthly Average Value:		10146.67

Raw Bar Screen

Sampled	Received	BOD	CBOD	NH3	pH	TSS
		mg/L	mg/L	mg/L	pH Units @ 25 °C	mg/L
01/05 12:49	01/05 16:54	132	89.4	48.5	7.62	227
01/12 10:52	01/12 14:24	224	104	57.3	7.89	184 [1]
01/19 12:34	01/19 17:00	287	91.8 [2]	51.0	7.68	363
01/26 10:51	01/26 14:58	99.8	108	37.5	7.72	176
Monthly Maximum Value:		39.0	39.0	57.3	7.89	7.89
Monthly Average Value:		185.6135	98.2	48.6	7.73	237.5

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27316 Spectrum Way
Oak Ridge, TX 77385

Hays County 1 - Non Potable

Reported:
02/14/2024 17:38

Subsurface

Sampled	Received	BOD	DO	E.Coli	pH	TSS	Turb	Flow
		mg/L	mg/L	MPN/100 mL	pH Units @ 25 °C	mg/L	NTU	MGD
01/01 07:04	01/01 10:22			2.00				
01/03 13:00	01/03 16:50	2.13 [2]	6.68	<1.00 [5]	6.85	1.47	0.750	0.150
01/05 12:59	01/05 16:54			127				
01/05 13:02	01/05 16:54	<2.03 [4]	7.84		7.14	45.0	37.0	0.160
01/06 10:57	01/06 14:52			2.00				
01/07 08:52	01/07 11:56			2.00				
01/08 11:40	01/08 14:32			<1.00 [5]				
01/10 12:35	01/10 16:20			<1.00 [5]				
01/10 12:40	01/10 16:20	<2.03 [5]	8.22		7.67	<1.00 [5]	0.200	0.120
01/12 11:03	01/12 14:24	<2.40 [4]	6.67		7.10	<1.00 [5]	0.450	0.120
01/12 11:04	01/12 14:24			<1.00 [5]				
01/13 10:25	01/13 13:56			7.50				
01/14 11:25	01/14 14:30			<1.00 [5]				
01/15 12:27	01/15 16:24			<1.00 [5]				
01/17 12:10	01/17 15:45			<1.00 [5]				
01/17 12:15	01/17 15:45	<2.40 [4]	8.12		7.84	<1.00 [5]	0.200	0.110
01/19 12:43	01/19 17:00	<2.03 [5]	6.43		7.06	<1.00 [5]	0.950	0.160
01/19 12:47	01/19 17:00			<1.00 [5]				
01/20 09:50	01/20 13:32			<1.00 [5]				
01/21 10:03	01/21 13:43			2.00				
01/22 13:06	01/22 16:48			2.00				
01/24 09:35	01/24 15:40	<2.03 [2]	6.60	<1.00 [5]	6.30	3.68	0.900	
01/26 11:06	01/26 14:58	<2.40 [4]	6.36		7.21	<1.00 [5]	0.150	0.120
01/26 11:08	01/26 14:58			<1.00 [5]				
01/27 08:18	01/27 12:41			<1.00 [5]				
01/28 09:59	01/28 13:32			<1.00 [5]				
01/29 11:54	01/29 15:06			<1.00 [5]				
01/31 10:45	01/31 16:10			<1.00 [5]				
01/31 10:50	01/31 16:10	<2.03 [5]	8.27		7.69	3.47	1.10	0.110
Monthly Maximum Value:		2.40	8.27	8.27	7.84	45.0	37.0	0.160
Monthly Average Value:		2.16	7.24	1.60	7.21	6.51	4.633	0.131

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27316 Spectrum Way
Oak Ridge, TX 77385

Hays County 1 - Non Potable

Reported:
02/14/2024 17:38

Special Notes

1 - B1 = Associated method blank is lower than the established quality control criteria.

2 - FF = The blank for biochemical oxygen demand depleted more than the method limit of 0.20 mg/l.

3 - J1 = Estimated value - The reported value is outside the established quality control criteria for accuracy and/or precision.

4 - J4 = Estimated value and sample is less than value - No dilution produced a depletion of 2 mg/L of DO or greater, oxygen demand of sample was less than anticipated.

5 - U = Non-detected compound.

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TCEQ TX-C24-00086

March 15, 2024

John Montgomery
Municipal Operations and Consulting
27316 Spectrum Way
Oak Ridge, TX 77385

Report ID: 20240315145731DLH

Enclosed are the results of analyses for samples received by our laboratory on 02/01/2024 - 02/28/2024. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Deena Higginbotham

Deena Higginbotham For Aundra Noe
Project Manager

130 S. Trade Center Parkway, Conroe TX 77385
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TCEQ TX-C24-00086

Municipal Operations and Consulting
27316 Spectrum Way
Oak Ridge, TX 77385

Hays County 1 - Non Potable

Reported:
03/15/2024 14:57

210

Sampled	Received	CBOD	DO	E.Coli	pH	Turb	Flow	Flow
		mg/L	mg/L	MPN/100 mL	pH Units @ 25 °C	NTU	MGD	MGD
02/01 08:45	02/01 15:05	<2.03 [7]	4.10		7.30	1.80	0.0341	
02/01 08:50	02/01 15:05			2.00				
02/03 10:23	02/03 13:29			<1.00 [7]				
02/04 10:10	02/04 13:38			<1.00 [7]				
02/05 09:31	02/05 12:38			<1.00 [7]				
02/07 11:25	02/07 18:00	<2.03 [7]	5.30	<1.00 [7]	7.23	2.80		0.110
02/09 10:35	02/09 13:45	<2.03 [7]	7.68		7.24	0.200		0.110
02/09 10:36	02/09 13:45			<1.00 [7]				
02/10 11:00	02/10 14:18			6.30				
02/11 10:35	02/11 13:49			<1.00 [7]				
02/12 11:02	02/12 14:39			<1.00 [7]				
02/14 12:20	02/14 16:20	<2.40 [7]	8.69	1.00	8.11	0.400		0.120
02/16 13:14	02/16 16:47	2.73 [2]	5.76		6.97	9.70		0.170
02/16 13:15	02/16 16:47			<1.00 [7]				
02/17 10:56	02/17 14:18			<1.00 [7]				
02/18 10:43	02/18 13:57			102				
02/19 10:50	02/19 14:20			<1.00 [7]				
02/21 11:50	02/21 15:20			<1.00 [7]				
02/21 12:00	02/21 15:20	<2.40 [6]	8.14		7.62	0.750		0.0500
02/23 11:38	02/23 14:59	2.61	3.51		7.07	17.0		0.170
02/23 11:39	02/23 14:59			35.0				
02/24 10:43	02/24 14:10			<1.00 [7]				
02/25 08:45	02/25 12:05			2.00				
02/26 09:30	02/26 18:35			<1.00 [3]				
02/28 12:25	02/28 15:35	2.58	8.58		7.53	8.10		0.110
02/28 12:35	02/28 15:35			5.20				
Monthly Maximum Value:		2.73	8.69	8.69	8.11	17.0	0.170	0.170
Monthly Average Value:		2.35	6.47	1.92	7.38	5.09	0.1093	0.1093

Aeration

Sampled	Received	TSS
		mg/L
02/01 08:59	02/01 15:05	10300
02/07 11:25	02/07 18:00	11800
02/09 10:31	02/09 13:45	5680
02/14 12:20	02/14 16:20	4100
02/16 13:10	02/16 16:47	10800 [8]
02/21 12:00	02/21 15:20	11400
02/23 11:34	02/23 14:59	11100
02/28 12:25	02/28 15:35	11400 [1]
Monthly Maximum Value:		17.0
Monthly Average Value:		9567.5

NWDLS
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TCEQ TX-C24-00086

Municipal Operations and Consulting
27316 Spectrum Way
Oak Ridge, TX 77385

Hays County 1 - Non Potable

Reported:
03/15/2024 14:57

Raw Bar Screen

Sampled	Received	BOD	CBOD	NH3	pH	TSS
		mg/L	mg/L	mg/L	pH Units @ 25 °C	mg/L
02/09 10:24	02/09 13:45	224	94.0	52.5	7.80	230
02/16 13:00	02/16 16:47	130	248 [2]	63.1	7.55	1980
02/23 11:30	02/23 14:59	439 [2]	140	57.1	7.62	800
Monthly Maximum Value:		17.0	17.0	63.1	7.80	7.80
Monthly Average Value:		264.428	160.5	57.6	7.66	1003.333

Subsurface

Sampled	Received	BOD	DO	E.Coli	pH	TSS	Turb	Flow	Flow
		mg/L	mg/L	MPN/100 mL	pH Units @ 25 °C	mg/L	NTU	MGD	MGD
02/01 08:45	02/01 15:05	<2.03 [7]	4.10		7.30	3.79	2.00	0.0328	
02/01 08:52	02/01 15:05			1.00					
02/03 10:23	02/03 13:29			1.00					
02/04 10:10	02/04 13:38			<1.00 [7]					
02/05 09:31	02/05 12:38			<1.00 [7]					
02/07 11:25	02/07 18:00	3.62	5.65	1.00 [4]	7.15	<1.00 [7]	3.20		0.100
02/09 10:35	02/09 13:45	<2.03 [7]	7.68		7.24	<1.00 [7]	0.200		0.110
02/09 10:36	02/09 13:45			<1.00 [7]					
02/10 11:00	02/10 14:18			5.20					
02/11 10:35	02/11 13:49			<1.00 [7]					
02/12 11:02	02/12 14:39			<1.00 [7]					
02/14 12:20	02/14 16:20	<2.03 [7]	8.62	<1.00 [7]	8.08	1.47	0.350		0.110
02/16 13:14	02/16 16:47	<2.40 [7]	5.76		6.97	23.5	8.90		0.170
02/16 13:15	02/16 16:47			<1.00 [7]					
02/17 10:56	02/17 14:18			<1.00 [7]					
02/18 10:43	02/18 13:57			<1.00 [7]					
02/19 10:53	02/19 14:20			1.00					
02/21 11:50	02/21 15:20			<1.00 [7]					
02/21 12:00	02/21 15:20	<2.40 [7]	8.21		7.54	<1.00 [7]	1.10		0.0600
02/23 11:38	02/23 14:59	3.12	3.51		7.07	51.8	18.0		0.170
02/23 11:39	02/23 14:59			14.6					
02/24 10:43	02/24 14:10			<1.00 [7]					
02/25 08:45	02/25 12:05			<1.00 [7]					
02/26 09:30	02/26 18:35			<1.00 [3]					
02/28 12:25	02/28 15:35	2.55	8.62		7.57	10.2 [1]	8.40		0.120
02/28 12:35	02/28 15:35			<1.00 [7]					
Monthly Maximum Value:		3.62	8.62	14.6	8.08	51.8	18.0	0.170	0.170
Monthly Average Value:		2.52	6.52	1.24	7.37	11.72	5.27	0.1091	0.1091

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Municipal Operations and Consulting
27316 Spectrum Way
Oak Ridge, TX 77385

Hays County 1 - Non Potable

Reported:
03/15/2024 14:57

Special Notes

1 - B1	=	Associated method blank is lower than the established quality control criteria.
2 - FF	=	The blank for biochemical oxygen demand depleted more than the method limit of 0.20 mg/l.
3 - H	=	The parameter was analyzed outside the method specified holding time.
4 - HP	=	The time between preparation and analysis was outside the method specified holding time this for parameter.
5 - J1	=	Estimated value - The reported value is outside the established quality control criteria for accuracy and/or precision.
6 - J4	=	Estimated value and sample is less than value - No dilution produced a depletion of 2 mg/L of DO or greater, oxygen demand of sample was less than anticipated.
7 - U	=	Non-detected compound.
8 - V	=	Analyte was detected in both sample and method blank.

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TCEQ TX-C24-00086

April 17, 2024

John Taylor
Municipal Operations and Consulting
27316 Spectrum Way
Oak Ridge, TX 77385

Report ID: 20240417161316DLH

Enclosed are the results of analyses for samples received by our laboratory on 03/01/2024 - 03/31/2024. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Deena Higginbotham

Deena Higginbotham For Aundra Noe
Project Manager

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27316 Spectrum Way
Oak Ridge, TX 77385

Hays County 1 - Non Potable

Reported:
04/17/2024 16:13

210

Sampled	Received	CBOD	DO	E.Coli	pH	Turb	Flow
		mg/L	mg/L	MPN/100 mL	pH Units @ 25 °C	NTU	MGD
03/01 12:18	03/01 16:25	3.86 [3]	6.31		7.04	1.60	0.180
03/01 12:19	03/01 16:25			<1.00 [8]			
03/02 11:05	03/02 14:28			1.00 [2]			
03/03 09:43	03/03 12:50			2.00			
03/04 08:45	03/04 11:35			<1.00 [8]			
03/06 11:00	03/06 16:25			<1.00 [8]			
03/06 11:05	03/06 16:25	<2.40 [8]	8.48		8.08	0.150	0.150
03/08 11:43	03/08 15:33	3.65	9.72	<1.00 [8]	6.88	0.600	0.150
03/09 11:10	03/09 14:22			<1.00 [8]			
03/10 11:04	03/10 14:16			1.00			
03/11 11:10	03/11 14:15			1.00			
03/13 11:05	03/13 16:10			1.00			
03/13 11:10	03/13 16:10	3.59 [5]	6.82		7.05	0.200	0.100
03/15 12:14	03/15 16:19	<2.03 [8]	6.84		6.87	1.40	0.150
03/15 12:15	03/15 16:19			<1.00 [8]			
03/16 11:49	03/16 15:34			<1.00 [8]			
03/17 09:59	03/17 13:30			<1.00 [8]			
03/18 11:20	03/18 14:35			<1.00 [5]			
03/20 13:30	03/20 17:50	2.04	8.71		7.57	0.250	0.130
03/20 13:35	03/20 17:50			<1.00 [8]			
03/22 11:46	03/22 15:27	<2.03 [8]	5.67		6.88	0.450	0.150
03/22 11:49	03/22 15:27			<1.00 [8]			
03/23 09:40	03/23 13:22			<1.00 [8]			
03/24 10:37	03/24 14:20			<1.00 [8]			
03/25 12:06	03/25 15:32			<1.00 [8]			
03/27 00:00	03/27 15:20	3.47	8.42		7.70	0.300	0.130
03/27 12:15	03/27 00:00			<1.00 [8]			
03/29 11:06	03/29 15:31			<1.00 [8]			
03/29 11:10	03/29 15:31	<2.03 [8]	7.57		6.72	1.20	0.140
03/30 10:53	03/30 14:49			<1.00 [8]			
03/31 10:46	03/31 14:01			<1.00 [8]			
Monthly Maximum Value:		3.86	9.72	2.00	8.08	1.60	0.180
Monthly Average Value:		2.79	7.62	1.03	7.20	0.68	0.142

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Hays County 1 - Non Potable

Reported:
04/17/2024 16:13

Aeration

Sampled	Received	TSS
		mg/L
03/01 12:14	03/01 16:25	10000
03/06 11:05	03/06 16:25	11700 [1]
03/08 11:49	03/08 15:33	10800
03/13 11:10	03/13 16:10	10600
03/15 12:09	03/15 16:19	12100
03/20 13:30	03/20 17:50	10900
03/22 11:39	03/22 15:27	13500
03/27 00:00	03/27 15:20	7840 [1]
03/29 11:12	03/29 15:31	7540
Monthly Maximum Value:		1.60
Monthly Average Value:		10555.56

Raw Bar Screen

Sampled	Received	BOD	CBOD	NH3	pH	TSS
		mg/L	mg/L	mg/L	pH Units @ 25 °C	mg/L
03/01 12:06	03/01 16:25	581	329 [3]	49.0	7.52	830
03/08 11:30	03/08 15:33	115 [3]	275	43.4	7.44	270
03/15 12:03	03/15 16:19	359	82.1	54.0	7.42	1710
03/22 11:33	03/22 15:27	75.6	134 [3]	45.7	7.54	1250
03/29 11:18	03/29 15:31	386	185	52.9	7.75	936
Monthly Maximum Value:		1.60	1.60	54.0	7.75	7.75
Monthly Average Value:		303.3964	200.8954	49.0	7.53	999.1701

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Hays County 1 - Non Potable

Reported:
04/17/2024 16:13

Subsurface

Sampled	Received	BOD	DO	E.Coli	pH	TSS	Turb	Flow
		mg/L	mg/L	MPN/100 mL	pH Units @ 25 °C	mg/L	NTU	MGD
03/01 12:18	03/01 16:25	2.26	6.31		7.04	1.37 [1]	1.40	0.180
03/01 12:19	03/01 16:25			<1.00 [8]				
03/02 11:05	03/02 14:28			3.00 [2]				
03/03 09:43	03/03 12:50			1.00				
03/04 08:45	03/04 11:35			2.00				
03/06 11:00	03/06 16:25			<1.00 [8]				
03/06 11:05	03/06 16:25	2.41	8.38		7.98	<1.00 [8]	0.200	0.130
03/08 11:43	03/08 15:33	3.27	9.72	<1.00 [8]	6.88	3.89	1.80	0.150
03/09 11:10	03/09 14:22			<1.00 [8]				
03/10 11:04	03/10 14:16			<1.00 [8]				
03/11 11:10	03/11 14:15			<1.00 [8]				
03/13 11:05	03/13 16:10			<1.00 [8]				
03/13 11:10	03/13 16:10	3.27 [5]	6.79		6.99	<1.00 [8]	0.200	0.110
03/15 12:15	03/15 16:19			<1.00 [8]				
03/15 12:19	03/15 16:19	2.43	6.84		6.87	<1.00 [8]	1.90	0.150
03/16 11:49	03/16 15:34			<1.00 [8]				
03/17 09:59	03/17 13:30			4.10				
03/18 11:25	03/18 14:35			<1.00 [5]				
03/20 13:30	03/20 17:50	<2.03 [3]	8.68		7.27	<1.00 [8]	0.250	0.110
03/20 13:35	03/20 17:50			<1.00 [8]				
03/22 11:46	03/22 15:27	<2.40 [7]	5.67		6.88	<1.00 [8]	0.550	0.150
03/22 11:49	03/22 15:27			<1.00 [8]				
03/23 09:40	03/23 13:22			<1.00 [8]				
03/24 10:37	03/24 14:20			<1.00 [8]				
03/25 12:06	03/25 15:32			<1.00 [8]				
03/27 00:00	03/27 15:20	<2.03 [8]	8.30		7.52	<1.00 [8]	0.250	0.110
03/27 12:15	03/27 00:00			<1.00 [8]				
03/29 11:06	03/29 15:31			<1.00 [8]				
03/29 11:10	03/29 15:31	<2.03 [8]	7.57		6.72	<1.00 [8]	1.10	0.140
03/30 10:53	03/30 14:49			<1.00 [8]				
03/31 10:46	03/31 14:01			<1.00 [8]				
Monthly Maximum Value:		3.27	9.72	4.10	7.98	3.89	1.90	0.180
Monthly Average Value:		2.46	7.58	1.15	7.13	1.36	0.85	0.137

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www. NWDLS.com
TCEQ TX-C24-00086

Municipal Operations and Consulting 27316 Spectrum Way Oak Ridge, TX 77385	Hays County 1 - Non Potable	**Reported:** 04/17/2024 16:13

Special Notes

1 - B1	=	Associated method blank is lower than the established quality control criteria.
2 - CQ	=	Lab precision not demonstrated. Insufficient sample volume.
3 - FF	=	The blank for biochemical oxygen demand depleted more than the method limit of 0.20 mg/l.
4 - H	=	The parameter was analyzed outside the method specified holding time.
5 - HP	=	The time between preparation and analysis was outside the method specified holding time this for parameter.
6 - J1	=	Estimated value - The reported value is outside the established quality control criteria for accuracy and/or precision.
7 - J4	=	Estimated value and sample is less than value - No dilution produced a depletion of 2 mg/L of DO or greater, oxygen demand of sample was less than anticipated.
8 - U	=	Non-detected compound.

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TCEQ TX-C24-00185

May 14, 2024

John Taylor
Municipal Operations and Consulting
27316 Spectrum Way
Oak Ridge, TX 77385

Report ID: 20240514130251RLR

Enclosed are the results of analyses for samples received by our laboratory on 04/01/2024 - 04/30/2024. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Rebecca Rabon For Aundra Noe
Project Manager

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Municipal Operations and Consulting
27316 Spectrum Way
Oak Ridge, TX 77385

Hays County 1 - Non Potable

Reported:
05/14/2024 13:02

210

Sampled	Received	CBOD	DO	E.Coli	pH	Turb	Flow
		mg/L	mg/L	MPN/100 mL	pH Units @ 25 °C	NTU	MGD
04/01 09:30	04/01 12:40			<1.00 [6]			
04/03 11:45	04/03 16:10			<1.00 [6]			
04/03 11:50	04/03 16:10	2.55	8.26		7.76	2.20	0.140
04/05 11:57	04/05 15:30			<1.00 [6]			
04/05 11:58	04/05 15:30	<2.40 [5]	6.58		7.18	1.20	0.190
04/06 10:37	04/06 13:54			3.00			
04/07 10:55	04/07 14:20			<1.00 [6]			
04/08 07:40	04/08 12:00			<1.00 [6]			
04/10 11:15	04/10 15:50			<1.00 [6]			
04/10 11:20	04/10 15:50	4.17	7.25		6.90	0.900	0.130
04/12 11:42	04/12 15:23	2.83 [3]	7.84		6.91	8.60	0.150
04/12 11:44	04/12 15:23			<1.00 [6]			
04/13 10:39	04/13 15:07			<1.00 [6]			
04/14 10:44	04/14 14:05			1.00			
04/15 11:20	04/15 14:15			<1.00 [6]			
04/17 11:10	04/17 14:45			<1.00 [6]			
04/17 11:20	04/17 14:45	4.28	6.80		6.98	2.20	0.110
04/19 12:14	04/19 16:10	<2.03 [6]	7.80		6.86	5.10	0.130
04/19 12:16	04/19 16:10			3.10			
04/20 10:40	04/20 14:25			<1.00 [6]			
04/21 10:34	04/21 14:07			<1.00 [6]			
04/22 11:43	04/22 15:32			<1.00 [6]			
04/24 10:28	04/24 14:10	3.95	7.84		6.73	1.60	0.0900
04/24 10:30	04/24 14:10			<1.00 [6]			
04/26 11:26	04/26 15:05	3.37 [3]	7.69		7.17	0.300	0.0800
04/26 11:28	04/26 15:05			<1.00 [6]			
04/27 11:12	04/27 14:33			<1.00 [6]			
04/28 11:01	04/28 14:52			<1.00 [2]			
04/29 08:45	04/29 15:00			<1.00 [6]			
04/30 13:00	04/30 16:10			<1.00 [6]			
Monthly Maximum Value:		4.28	8.26	3.10	7.76	8.60	0.190
Monthly Average Value:		3.20	7.51	1.11	7.06	2.76	0.128

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27316 Spectrum Way
Oak Ridge, TX 77385

Hays County 1 - Non Potable

Reported:
05/14/2024 13:02

Aeration

Sampled	Received	TSS
		mg/L
04/03 11:50	04/03 16:10	7220
04/05 11:51	04/05 15:30	8900
04/10 11:20	04/10 15:50	6240
04/12 11:39	04/12 15:23	7160
04/17 11:20	04/17 14:45	6540
04/19 12:30	04/19 16:10	7640 [1]
04/24 10:33	04/24 14:10	5800
04/26 11:21	04/26 15:05	5580
Monthly Maximum Value:		8.60
Monthly Average Value:		6885

Raw Bar Screen

Sampled	Received	BOD	CBOD	NH3	pH	TSS
		mg/L	mg/L	mg/L	pH Units @ 25 °C	mg/L
04/05 11:45	04/05 15:30	203	207	63.5	7.62	233
04/12 11:31	04/12 15:23	432 [3]	373 [3]	44.6	7.65	297
04/19 12:41	04/19 16:10	629	168	46.6	7.37	2440
04/26 11:13	04/26 15:05	357 [3]	204 [3]	60.3	8.05	240
Monthly Maximum Value:		8.60	8.60	63.5	8.05	8.05
Monthly Average Value:		405.0457	238.161	53.7	7.67	802.6191

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Oak Ridge, TX 77385

Hays County 1 - Non Potable

Reported:
05/14/2024 13:02

Subsurface

Sampled	Received	BOD	DO	E.Coli	pH	TSS	Turb	Flow
		mg/L	mg/L	MPN/100 mL	pH Units @ 25 °C	mg/L	NTU	MGD
04/01 09:30	04/01 12:40			<1.00 [6]				
04/03 11:45	04/03 16:10			2.00				
04/03 11:50	04/03 16:10	2.52	8.36		7.85	11.5	2.20	0.110
04/05 11:57	04/05 15:30			<1.00 [6]				
04/05 11:58	04/05 15:30	2.03	6.58		7.18	<1.00 [6]	1.40	0.190
04/06 10:37	04/06 13:54			2.00				
04/07 10:55	04/07 14:20			<1.00 [6]				
04/08 07:40	04/08 12:00			<1.00 [6]				
04/10 11:15	04/10 15:50			<1.00 [6]				
04/10 11:20	04/10 15:50	2.09 [3]	7.27		6.91	9.52	1.10	0.110
04/12 11:42	04/12 15:23	3.08 [3]	7.84		6.91	17.6	9.40	0.150
04/12 11:44	04/12 15:23			<1.00 [6]				
04/13 10:39	04/13 15:07			1.00				
04/14 10:44	04/14 14:05			<1.00 [6]				
04/15 11:20	04/15 14:15			<1.00 [6]				
04/17 11:10	04/17 14:45			<1.00 [6]				
04/17 11:20	04/17 14:45	<2.40 [6]	6.79		6.96	5.05	1.90	0.0900
04/19 12:16	04/19 16:10			<1.00 [6]				
04/19 12:17	04/19 16:10	<2.40 [5]	7.80		6.86	10.6	6.20	0.130
04/20 10:40	04/20 14:25			<1.00 [6]				
04/21 10:34	04/21 14:07			<1.00 [6]				
04/22 11:43	04/22 15:32			<1.00 [6]				
04/24 10:28	04/24 14:10	3.30 [3]	7.84		6.73	3.16	0.900	0.0900
04/24 10:30	04/24 14:10			<1.00 [6]				
04/26 11:26	04/26 15:05	<2.40 [3]	7.69		7.17	1.68	0.500	0.180
04/26 11:28	04/26 15:05			<1.00 [6]				
04/27 11:12	04/27 14:33			<1.00 [6]				
04/28 11:01	04/28 14:52			<1.00 [2]				
04/29 08:45	04/29 15:00			<1.00 [6]				
04/30 13:00	04/30 16:10			1.00				
Monthly Maximum Value:		3.30	8.36	2.00	7.85	17.6	9.40	0.190
Monthly Average Value:		2.53	7.52	1.07	7.07	7.5	2.95	0.131

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27316 Spectrum Way
Oak Ridge, TX 77385

Hays County 1 - Non Potable

Reported:
05/14/2024 13:02

Special Notes

1 - B1 = Associated method blank is lower than the established quality control criteria.

2 - CQ = The method required incubation temperature was not maintained throughout the entire incubation time.

3 - FF = The blank for biochemical oxygen demand depleted more than the method limit of 0.20 mg/l.

4 - J1 = Estimated value - The reported value is outside the established quality control criteria for accuracy and/or precision.

5 - J4 = Estimated value and sample is less than value - No dilution produced a depletion of 2 mg/L of DO or greater, oxygen demand of sample was less than anticipated.

6 - U = Non-detected compound.

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June 19, 2024

John Taylor
Municipal Operations and Consulting
27316 Spectrum Way
Oak Ridge, TX 77385

Report ID: 20240619135201RLR

Enclosed are the results of analyses for samples received by our laboratory on 05/01/2024 - 05/31/2024. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Rebecca Rabon For Aundra Noe
Project Manager

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Municipal Operations and Consulting
27316 Spectrum Way
Oak Ridge, TX 77385

Hays County 1 - Non Potable

Reported:
06/19/2024 13:52

210

Sampled	Received	CBOD	DO	E.Coli	pH	Turb	Flow
		mg/L	mg/L	MPN/100 mL	pH Units @ 25 °C	NTU	MGD
05/01 11:35	05/01 16:25			1.00			
05/01 11:45	05/01 16:25	3.77	7.21		7.18	6.50	0.150
05/03 09:30	05/03 14:30			<1.00 [7]			
05/03 09:35	05/03 14:30	<2.03 [7]	8.36		6.77	0.300	0.120
05/05 10:47	05/05 14:33			1.00			
05/06 11:20	05/06 14:46			<1.00 [7]			
05/08 11:25	05/08 16:05	2.42	6.61		7.40	0.200	0.150
05/08 11:35	05/08 16:05			<1.00 [7]			
05/10 13:33	05/10 17:50	<2.03 [2]	6.54	<1.00 [7]	6.88	0.100	0.160
05/11 10:28	05/11 13:55			<1.00 [7]			
05/12 09:36	05/12 12:53			<1.00 [7]			
05/13 09:32	05/13 12:57			<1.00 [7]			
05/15 14:35	05/15 18:27	<2.40 [6]	6.69	1.00	7.03	1.00	0.240
05/17 11:45	05/17 16:00	2.66	7.27		6.79	1.10	0.110
05/17 11:55	05/17 16:00			<1.00 [7]			
05/18 09:26	05/18 13:50			<1.00 [7]			
05/19 11:08	05/19 15:42			<1.00 [7]			
05/20 08:50	05/20 18:00			<1.00 [4]			
05/22 11:35	05/22 15:15			<1.00 [7]			
05/22 11:40	05/22 15:15	<2.03 [7]	6.60		6.27	0.650	0.150
05/23 08:45	05/23 14:35			<1.00 [7]			
05/24 12:57	05/24 17:13	4.30 [2]	7.78		6.56	0.200	0.160
05/24 12:59	05/24 17:13			<1.00 [7]			
05/25 08:05	05/25 13:55			<1.00 [7]			
05/26 09:15	05/26 12:00			<1.00 [7]			
05/27 12:26	05/27 16:08			<1.00 [7]			
05/29 10:58	05/29 14:37	3.21 [2]	7.98		7.17	1.10	0.130
05/29 11:00	05/29 14:37			<1.00 [7]			
05/31 12:34	05/31 16:14	<2.03 [2]	7.48		7.41	0.200 [3]	0.170
05/31 12:35	05/31 16:14			<1.00 [7]			
Monthly Maximum Value:		4.30	8.36	1.00	7.41	6.50	0.240
Monthly Average Value:		2.69	7.25	1.00	6.95	1.14	0.154

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Municipal Operations and Consulting
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Oak Ridge, TX 77385

Hays County 1 - Non Potable

Reported:
06/19/2024 13:52

Aeration

Sampled	Received	TSS
		mg/L
05/01 11:45	05/01 16:25	4900
05/03 09:35	05/03 14:30	5240
05/08 11:25	05/08 16:05	6520
05/10 13:28	05/10 17:50	6080
05/15 14:35	05/15 18:27	8300
05/17 11:45	05/17 16:00	6600
05/22 11:40	05/22 15:15	5860
05/24 13:02	05/24 17:13	5200
05/29 10:52	05/29 14:37	3800
05/31 12:30	05/31 16:14	5060
Monthly Maximum Value:		6.50
Monthly Average Value:		5756

Raw Bar Screen

Sampled	Received	BOD	CBOD	NH3	pH	TSS
		mg/L	mg/L	mg/L	pH Units @ 25 °C	mg/L
05/03 09:40	05/03 14:30	308	255	109	7.69	
05/10 13:12	05/10 17:50	138 [2]	112 [2]	49.4	7.36	445
05/17 11:50	05/17 16:00	489	252	72.9	7.46	353
05/24 13:07	05/24 17:13	491	91.3 [2]	39.8	7.41	835
05/31 12:20	05/31 16:14	60.9	<50.0 [2]	31.2	7.54	646
Monthly Maximum Value:		6.50	6.50	6.50	7.69	7.69
Monthly Average Value:		297.284	152.0324	60.423	7.49	569.8718

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Hays County 1 - Non Potable

Reported:
06/19/2024 13:52

Subsurface

Sampled	Received	BOD	DO	E.Coli	pH	TSS	Turb	Flow
		mg/L	mg/L	MPN/100 mL	pH Units @ 25 °C	mg/L	NTU	MGD
05/01 11:35	05/01 16:25			1.00				
05/01 11:45	05/01 16:25	2.12	7.19		7.17	2.11 [1]	6.90	0.130
05/03 09:30	05/03 14:30			<1.00 [7]				
05/03 09:35	05/03 14:30	2.22	8.32		6.81	<1.00 [7]	0.250	0.110
05/05 10:47	05/05 14:33			<1.00 [7]				
05/08 11:25	05/08 16:05	<2.03 [2]	6.60		7.39	<1.00 [7]	0.300	0.190
05/08 11:35	05/08 16:05			<1.00 [7]				
05/10 13:33	05/10 17:50	<2.40 [6]	6.59	<1.00 [7]	6.88	<1.00 [7]	0.100	0.160
05/11 10:28	05/11 13:55			<1.00 [7]				
05/12 09:36	05/12 12:53			<1.00 [7]				
05/13 09:32	05/13 12:57			<1.00 [7]				
05/15 14:35	05/15 18:27		6.69	2.00	7.03	24.0	1.40	0.240
05/17 11:45	05/17 16:00	3.23	7.24		6.76	<1.00 [7]	0.100	0.130
05/17 11:55	05/17 16:00			<1.00 [7]				
05/18 09:26	05/18 13:50			<1.00 [7]				
05/19 11:08	05/19 15:42			<1.00 [7]				
05/20 08:50	05/20 18:00			<1.00 [4]				
05/22 11:35	05/22 15:15			<1.00 [7]				
05/22 11:40	05/22 15:15	3.35	6.70		6.39	1.16	0.250	0.130
05/23 08:45	05/23 14:35			<1.00 [7]				
05/24 12:57	05/24 17:13	2.82	7.78		6.56	<1.00 [1]	0.100	0.160
05/24 12:59	05/24 17:13			<1.00 [7]				
05/25 08:05	05/25 13:55			<1.00 [7]				
05/26 09:15	05/26 12:00			<1.00 [7]				
05/27 12:26	05/27 16:08			<1.00 [7]				
05/29 10:58	05/29 14:37	<2.03 [7]	7.98		7.17	3.89	1.60	0.130
05/29 11:00	05/29 14:37			9.70				
05/31 12:34	05/31 16:14	2.43	7.98		7.41	<1.00 [7]	0.150 [3]	0.170
05/31 12:35	05/31 16:14			<1.00 [7]				
Monthly Maximum Value:		3.35	8.32	9.70	7.41	24.0	6.90	0.240
Monthly Average Value:		2.51	7.31	1.15	6.96	3.72	1.12	0.155

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Oak Ridge, TX 77385

Hays County 1 - Non Potable

Reported:
06/19/2024 13:52

Special Notes

1 - B1 = Associated method blank is lower than the established quality control criteria.

2 - FF = The blank for biochemical oxygen demand depleted more than the method limit of 0.20 mg/l.

3 - H = The parameter was analyzed outside the method specified holding time.

4 - HP = The time between preparation and analysis was outside the method specified holding time this for parameter.

5 - J1 = Estimated value - The reported value is outside the established quality control criteria for accuracy and/or precision.

6 - J4 = Estimated value and sample is less than value - No dilution produced a depletion of 2 mg/L of DO or greater, oxygen demand of sample was less than anticipated.

7 - U = Non-detected compound.

Texas Commission on Environmental Quality

P.O. Box 13087 • Austin, TX 78711-3087

MONTHLY EFFLUENT REPORT

R14293-001			2024	07	Type I
PERMIT NUMBER		SET	YEAR	MO	EID

This report to be used for OUTFALL 800- Hays County WCID #1

Please retain a photocopy for your records.

Parameter Code/ Parameter	Effluent Condition			No. Ex	Frequency of Analysis	Sample Type
		Value	Units			
3101024 CBOD5 Ave	Permitted	5	mg/L		2/week	Grab
	Reported	1	mg/L	0	2/week	Grab
820796624 Turbidity Ave	Permitted	3	NTU		2/week	Grab
	Reported	<1.0	NTU	0	2/week	Grab
316403724 E. coli Geo Mean	Permitted	20	MPN/100 mL		2/week	Grab
	Reported	<1	MPN/100 mL	0	5/week	Grab
316403730 E. coli Max	Permitted	75	MPN/100 mL		2/week	Grab
	Reported	1	MPN/100 mL	0	5/week	Grab
4006030 pH Max	Permitted	9	Std units			Grab
	Reported	7.8	Std units	0	2/week	Grab
4006030 pH Min	Permitted	6	Std units			Grab
	Reported	6.9	Std units	0	2/week	Grab
500507124 Flow Ave	Permitted		MGD		Continuous	Totalizer
	Reported	0.3575	MGD	0	Continuous	Totalizer
Discharge Days/Month	Permitted					
	Reported	31		0		

COMMENTS AND EXPLANATIONS (Reference all attachments here.)

I CERTIFY THAT I AM FAMILIAR WITH THE INFORMATION CONTAINED IN THIS REPORT AND THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF SUCH INFORMAITON IS TRUE, COMPLETE AND ACCURATE.

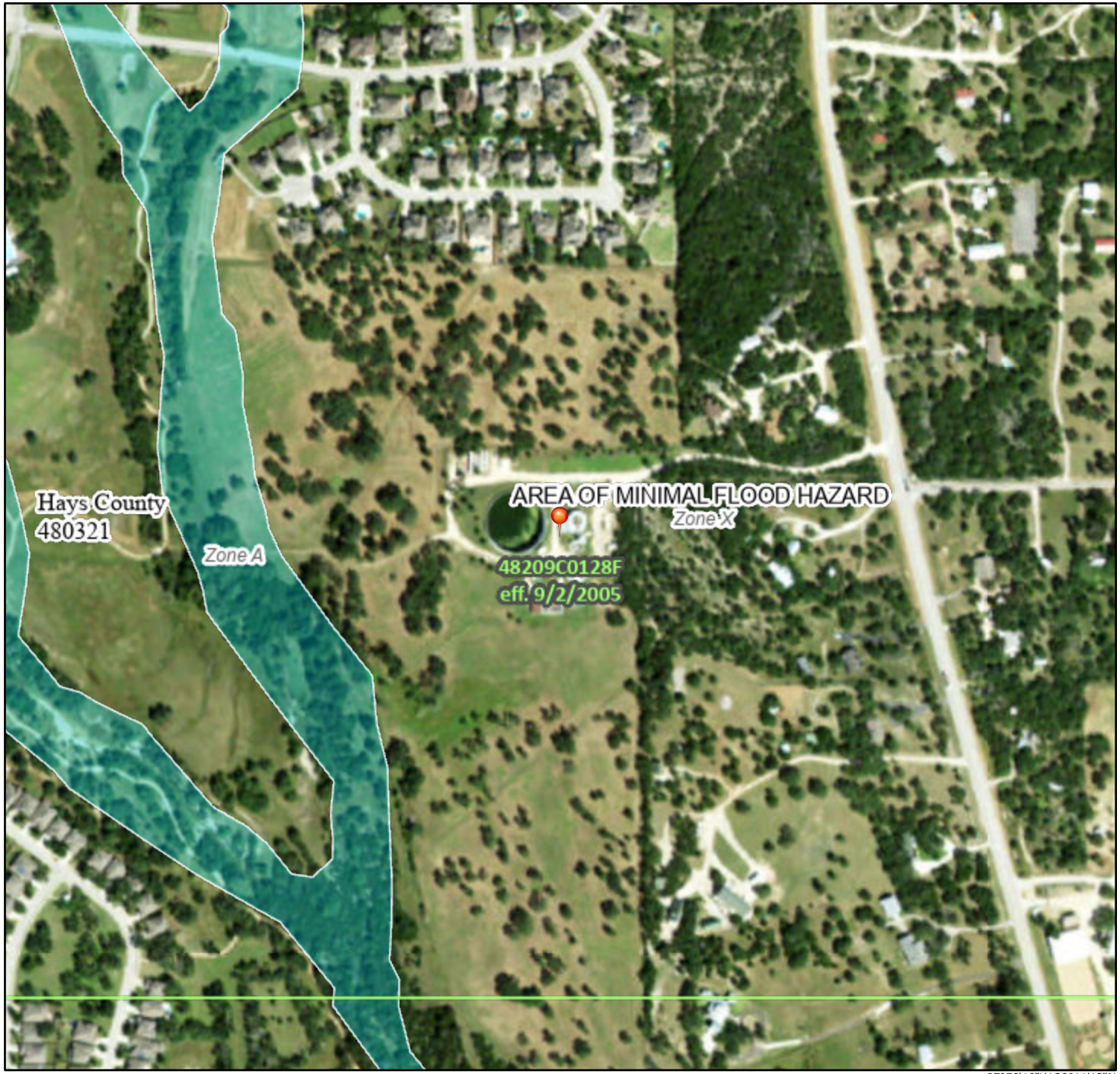
PLANT OPERATOR NAME	PLANT OPERATOR SIGNATURE	MONTH	DAY	YEAR
EXECUTIVE OFFICER NAME	EXECUTIVE OFFICER SIGNATURE	MONTH	DAY	YEAR
Telephone Number		281	505-0452	
		Area code	Number	

ATTACHMENT 10
-
FEMA FLOOD MAPPING

National Flood Hazard Layer FIRMette

FEMA

97°58'47"W 30°11'44"N



97°58'10"W 30°11'13"N

0 250 500 1,000 1,500 2,000 Feet

1:6,000

Basemap Imagery Source: USGS National Map 2023

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

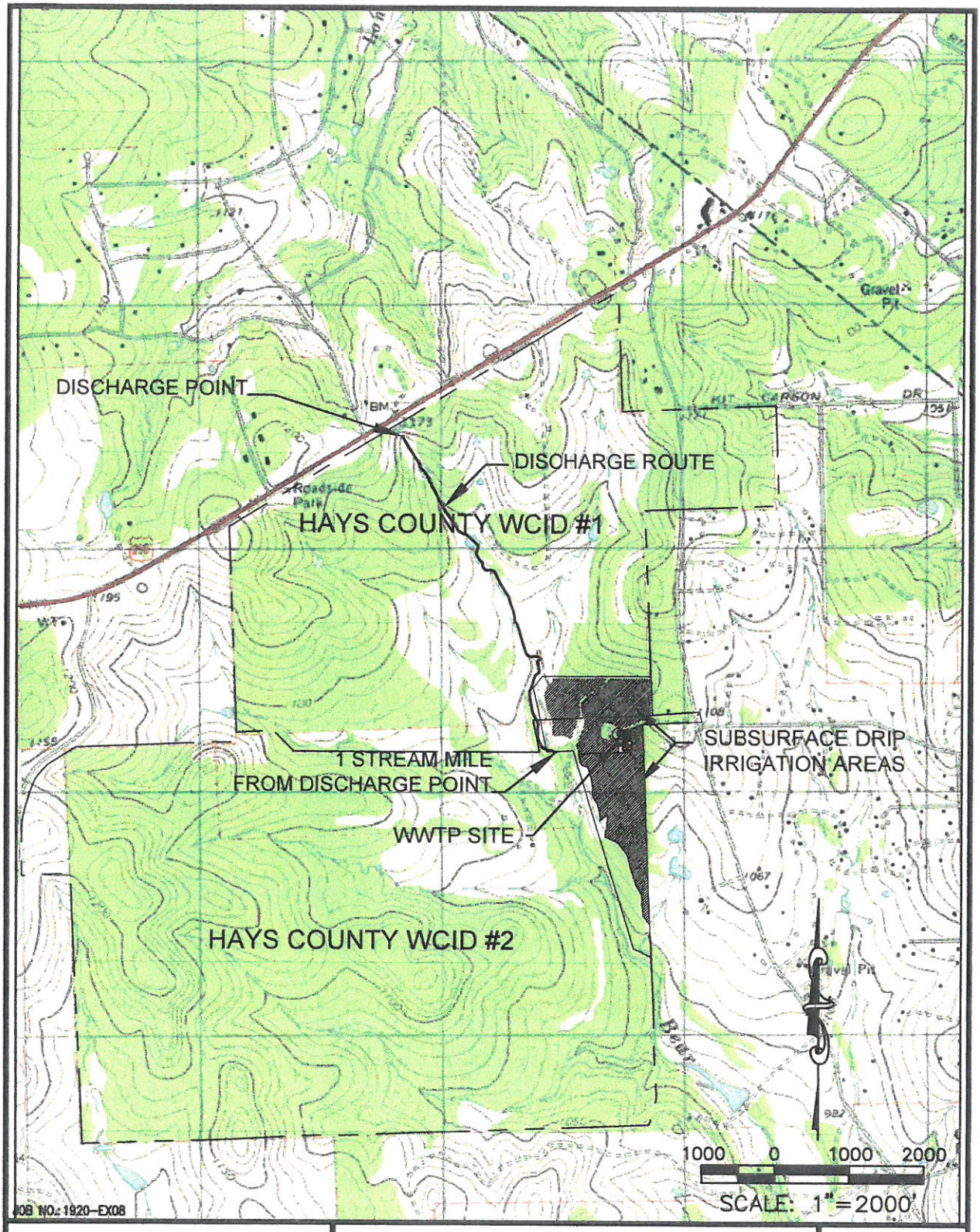
The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 5/8/2024 at 5:12 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

ATTACHMENT 11

-

SITE MAP



BURGESS & NIPLE, INC.
235 LEDGE STONE DRIVE
AUSTIN, TX 78737
(512) 432-100 FAX: (512) 432-1015
PELS REGISTRATION: 10834

HAYS COUNTY WCID NO. 1
WASTEWATER SERVICE AREA MAP

EXHIBIT
11

ATTACHMENT 12
-
SLUDGE DISPOSAL AUTHORIZATION

We at K-3 Resources Operate our own fleet of TCEQ permitted Sludge-Hauling Commercial Vehicles. We are also the responsible party for our own high capacity, Lime-Stabilization and Land application facilities located in Waller County, Texas, listed below.

Sludge Haulers' permit: 22430

Lime Stabilization Permits: WQ00038930000, WQ000453800

Land application sites: WQ000445400, WQ000451800, WQ000444500, WQ000444800, WQ000445000, WQ000522200, WQ000524800

We are prepared and willing to pick up, process and land apply sludge from domestic wastewater treatment plants operated by Municipal Operations & Consulting, Inc.

Renee Tom

5/13/2024

Renee Tom

K-3 Resources, LP

dba K-3BMI

9458 FM 362 BROOKSHIRE, TX OFFICE: 281-375-5778 FAX: 281-585-4262

Rainee Trevino

From: Lauren Barzilla <Lauren.Barzilla@burgessniple.com>
Sent: Thursday, September 26, 2024 10:07 AM
To: Rainee Trevino
Cc: mkutac@mbkfirm.com
Subject: RE: Application to Renew Permit No. WQ0014293001- Notice of Deficiency Letter
Attachments: 20972 Plain Language Summary.docx; Municipal Discharge Renewal Spanish NORI.docx

Follow Up Flag: Follow up
Flag Status: Flagged

Rainee,

In response to the Notice of Deficiency letter dated September 25, 2024 I would like to offer the following responses to your comments.

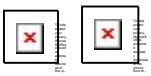
1. The Plain Language Summary has been updated in both English and Spanish and is attached to this email.
2. The NORI in the letter does not contain any errors.
3. The translated Spanish NORI in a Microsoft Word document is attached to this email.

Please let me know if you have any other questions or need anything else.

Thanks

Lauren Barzilla, P.E.
Senior Project Manager, South Austin Office

Burgess & Niple, Inc.
512.432.1000
cell 979.574.0905
235 Ledge Stone Drive
Austin, TX 78737
burgessniple.com



From: Rainee Trevino <Rainee.Trevino@tceq.texas.gov>
Sent: Wednesday, September 25, 2024 9:17 AM
To: Lauren Barzilla <Lauren.Barzilla@burgessniple.com>
Cc: mkutac@mbkfirm.com
Subject: Application to Renew Permit No. WQ0014293001- Notice of Deficiency Letter

Dear Ms. Barzilla,

The attached Notice of Deficiency letter sent on September 25, 2024, requests additional information needed to declare the application administratively complete. Please send the complete response to my attention by October 9, 2024.

Rainee Trevino

From: Lauren Barzilla <Lauren.Barzilla@burgessniple.com>
Sent: Monday, October 7, 2024 10:44 AM
To: Rainee Trevino
Cc: mkutac@mbkfirm.com
Subject: RE: Application to Renew Permit No. WQ0014293001- Notice of Deficiency Letter
Attachments: 20972 Plain Language Summary.docx

Follow Up Flag: Follow up
Flag Status: Flagged

Rainee,

The PLS ha been updated per your request. Please see the attachment for the updated version.

Let me know if you need anything else.

Thanks

Lauren Barzilla, P.E.
Senior Project Manager, South Austin Office

Burgess & Niple, Inc.
512.432.1000
cell 979.574.0905
235 Ledge Stone Drive
Austin, TX 78737
burgessniple.com

From: Rainee Trevino <Rainee.Trevino@tceq.texas.gov>
Sent: Thursday, September 26, 2024 11:03 AM
To: Lauren Barzilla <Lauren.Barzilla@burgessniple.com>
Cc: mkutac@mbkfirm.com
Subject: RE: Application to Renew Permit No. WQ0014293001- Notice of Deficiency Letter

Lauren,

I have reviewed the updated PLS. It should list both outfalls and the respective flows and discharge/disposal method for each separately.

Best Regards,

Rainee Trevino
Water Quality Division | ARP Team
Texas Commission on Environmental Quality

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

PLAIN LANGUAGE SUMMARY FOR TPDES OR TLAP PERMIT APPLICATIONS

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

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

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

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

ENGLISH TEMPLATE FOR TPDES or TLAP NEW/RENEWAL/AMENDMENT APPLICATIONS
Enter 'INDUSTRIAL' or 'DOMESTIC' here WASTEWATER/STORMWATER
The following summary is provided for this pending water quality permit application being reviewed by the Texas Commission on Environmental Quality as required by 30 TAC Chapter 39. The information provided in this summary may change during the technical review of the application and is not a federal enforceable representation of the permit application.

Hays County WCID No. 1 (CN600688246) operates Hays Co. WCID No. 1 Wastewater Facilities (RN102187630), a wastewater treatment facility with a flow of 0.150 MGD for Outfall 001 using drip irrigation and 0.350 MGD for Outfall 002 using spray irrigation. The facility is located at 12930 Nutty Brown Road, in Austin, Hays County, Texas 78737. Hays County WCID No. 1 seeks a renewal of the existing permit for the facility. This permit will authorize conditional discharge of pollutants into water in the state.

Discharges from the facility are expected to contain CBOD, TSS, Total Nitrogen, Ammonia Nitrogen, Total Phosphorous, E. Coli. Municipal discharge is treated by membrane bio-reactor with headworks (flow EQ basin and primary clarifier) aeration basins, anoxic basins, and UV light disinfection. Sludge waste is disposed of by a licensed hauler.

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

AGUAS RESIDUALES Domésticas **/AGUAS PLUVIALES**

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

Hays County WCID No. 1 (CN600688246) opera Hays County WWTP RN102187630, una planta de tratamiento de aguas residuales domésticas que produce un flujo de 0,150 millones de galones al día en el desagüe 001 usando irrigación de riego por goteo. El desagüe 002 produce 0,350 millones de galones al día usando irrigación de riego por aspersión . La instalación está ubicada en 12930 Nutty Brown Road, en Austin, Condado de Hays, Texas 78737. Hays Co. WCID 1 desea la renovación del permiso de solicitud de tratamiento de aguas residuales. *<<Para las solicitudes de TLAP incluya la siguiente oración, de lo contrario, elimine:>>* Este permiso no autorizará una descarga de contaminantes en el agua en el estado.

Se espera que las descargas de la instalación contengan DBO, Total de sólidos suspendidos, Nitrógeno Total, Fósforo total, y E. coli. Descargo municipal. está tratado por bio reactor con eliminación de sólidos (cuenca de equalización de flujo de aguas y clarificador primario) cuencas de aeración, cuencas anóxicas, y luces ultravioletas para desinfección. Residuos sólidos son transportados por un transportador certificado.

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. WQ0014293001

SOLICITUD. Hays County WCID No. 1 ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para renovar el Permiso No. WQ0014293001 (EPA I.D. No. TX0128465) 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 combinado de 500,000 galones por día. La planta está ubicada en 14930 Nutty Brown Rd, Austin, TX 78737 el Condado de Hays, Texas. La ruta de descarga es del sitio de la planta a Bear Creek, y luego a Onion Creek (refiere a Attachment 4 por la ubicación exacta) . La TCEQ recibió esta solicitud el 18 de septiembre 2024. La solicitud para el permiso estará disponible para leerla y copiarla en el Dripping Springs Community Library en 501 Sportsplex Drive, Dripping Springs, TX 78620 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.

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 Hays County WCID No. 1 a la dirección indicada arriba o llamando a Lauren Barzilla, P.E. 512.432.1000

Fecha de emission: 7 de octubre de 2024