



# 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.*

Buck Road Water Reclamation LLC (CN606328425) proposes to operate Buck Road Water Reclamation Wastewater Treatment Plant (RN12089610), a conventional activated sludge with nitrification process plant. The facility will be located at 25111 Buck Road, in Splendora, Montgomery County, Texas 77372. This application is for a new permit to discharge at a daily average flow of 200,000 gallons per day of treated domestic wastewater.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD<sub>5</sub>), total suspended solids (TSS), ammonia nitrogen (NH<sub>3</sub>-N), and *Escherichia coli*. Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7 (Pollutant Analysis of Treated Effluent) in the permit application package. The domestic wastewater will be treated by a conventional activated sludge with nitrification process plant and the treatment units will include a bar screen, equalization basins, aeration basins, final clarifiers, sludge digesters and chlorine contact chambers.

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

### AGUAS RESIDUALES Introduzca 'INDUSTRIALES' o 'DOMÉSTICAS' aquí /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.*

Buck Road Water Reclamation LLC (CN606328425) propone operar planta de tratamiento de aguas residuales de Buck Road Water Reclamation (RN112089610): Proposed, un planta de lodos activados convencionales con proceso de nitrificación . La instalación estará ubicada en 25111 Buck Road, en Splendora, Condado de Montgomery, Texas 77372. Esta solicitud es para un nuevo permiso para descargar a un flujo promedio Esta solicitud es para un nuevo permiso para descargar a un flujo promedio diario de 200,000 galones por día de aguas residuales domésticas tratadas. <<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 demanda bioquímica de oxígeno carbonoso de cinco días (CBOD5), sólidos suspendidos totales (SST), nitrógeno amoniacal (NH3-N) y Escherichia coli. Se incluyen contaminantes potenciales adicionales en el Informe Técnico Nacional 1.0, Sección 7 (Análisis de contaminantes del efluente tratado) en el paquete de solicitud de permiso. Las aguas residuales domésticas. estará tratado por una planta de lodos activados convencional con proceso de nitrificación y las unidades de tratamiento incluirán criba de barras, balsas de ecualización, balsas de aireación, clarificadores finales, digestores de lodos y cámaras de contacto de cloro.

# TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



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

**PROPOSED PERMIT NO. WQ0016669001**

**APPLICATION.** Buck Road Water Reclamation LLC, 17310 Payne Road, Conroe, Texas 77302, has applied to the Texas Commission on Environmental Quality (TCEQ) for proposed Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0016669001 (EPA I.D. No. TX0146960) to authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 200,000 gallons per day. The domestic wastewater treatment facility will be located at 25111 Buck Road, in the city of Splendora, in Montgomery County, Texas 77372. The discharge route will be from the plant site via pipe to a drainage ditch, thence to Peach Creek. TCEQ received this application on November 25, 2024. The permit application will be available for viewing and copying at Montgomery County Library - Central Branch, 104 Interstate 45 North, Conroe, Texas prior to the date this notice is published in the newspaper. The application, including any updates, and associated notices are available electronically at the following webpage: <https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications>. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application.

<https://gisweb.tceq.texas.gov/LocationMapper/?marker=-95.176944,30.216666&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.**

**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](http://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](http://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 Buck Road Water Reclamation LLC at the address stated above or by calling Mr. Danny Parks, P.E., at 281-373-0500.

Issuance Date: January 3, 2025

# Comisión de Calidad Ambiental del Estado de Texas



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

### PERMISO PROPUESTO NO. WQ0016669001

**SOLICITUD.** Buck Road Water Reclamation LLC, 17310 Payne Road, Conroe, Texas 77302, ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para el propuesto Permiso No. WQ0016669001 (EPA I.D. No. TX0146960) del Sistema de Eliminación de Descargas de Contaminantes de Texas (TPDES) para autorizar la descarga de aguas residuales tratadas en un volumen que no sobrepasa un flujo promedio diario de 200,000 galones por día. La planta está ubicada 25111 Buck Road, Splendora, en el Condado de Montgomery, Texas 77372. La ruta de descarga será desde el sitio de la planta a través de una tubería hasta una zanja de drenaje, de allí a Peach Creek. La TCEQ recibió esta solicitud el 25 de noviembre de 2024. La solicitud para el permiso está disponible para leerla y copiarla en Biblioteca del Condado de Montgomery - Sucursal Central, Referencia, 104 Interestatal 45 Norte, Conroe, Texas. La solicitud (cualquier actualización y aviso inclusive) está disponible electrónicamente en la siguiente página web: <https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications>. Este enlace a un mapa electrónico de la ubicación general del sitio o de la instalación es proporcionado como una cortesía y no es parte de la solicitud o del aviso. Para la ubicación exacta, consulte la solicitud. <https://gisweb.tceq.texas.gov/LocationMapper/?marker=-95.176944,30.216666&level=18>

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

**COMENTARIO PUBLICO / REUNION PUBLICA.** Usted puede presentar comentarios públicos o pedir una reunión pública sobre esta solicitud. El propósito de una reunión pública es dar la oportunidad de presentar comentarios o hacer preguntas acerca de la solicitud. La TCEQ realiza una reunión pública si el

Director Ejecutivo determina que hay un grado de interés público suficiente en la solicitud o si un legislador local lo pide. Una reunión pública no es una audiencia administrativa de lo contencioso.

#### **OPORTUNIDAD DE UNA AUDIENCIA ADMINISTRATIVA DE LO**

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

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

Después del cierre de todos los períodos de comentarios y de petición que aplican, el Director Ejecutivo enviará la solicitud y cualquier petición para reconsideración o para una audiencia de caso impugnado a los Comisionados de la TCEQ para su consideración durante una reunión programada de la Comisión. La Comisión sólo puede conceder una solicitud de una audiencia de caso impugnado sobre los temas que el solicitante haya presentado en sus comentarios oportunos que no fueron retirados posteriormente. Si se concede una audiencia, el tema de la audiencia estará limitado a cuestiones de hecho en disputa o cuestiones mixtas de hecho y de

**derecho relacionadas a intereses pertinentes y materiales de calidad del agua que se hayan presentado durante el período de comentarios.**

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

**CONTACTOS E INFORMACIÓN DE LA TCEQ.** Todos los comentarios escritos del público y los para pedidos una reunión deben ser presentados a la Oficina del Secretario Principal, MC 105, TCEQ, P.O. Box 13087, Austin, TX 78711-3087 o por el internet at [www.tceq.texas.gov/about/comments.html](http://www.tceq.texas.gov/about/comments.html). 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. Si necesita más información en Español sobre esta solicitud para un permiso o el proceso del permiso, por favor llame a El Programa de Educación Pública de la TCEQ, sin cobro, al 1-800-687-4040. La información general sobre la TCEQ puede ser encontrada en nuestro sitio de la red: [www.tceq.texas.gov](http://www.tceq.texas.gov).

También se puede obtener información adicional del Buck Road Water Reclamation LLC a la dirección indicada arriba o llamando a Sr. Danny Parks, P.E., al 281-373-0500.

Fecha de emisión 3 de enero de 2025

## Abesha Michael

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**From:** Danny Parks <danny@waterengineers.com>  
**Sent:** Monday, December 2, 2024 9:03 AM  
**To:** Abesha Michael  
**Cc:** Shelley Young  
**Subject:** Application for Proposed Permit No. WQ0016669001 - Notice of Deficiency Letter  
**Attachments:** wq0016669001-NOD1 - MARKUPS.pdf; Public Notice NORI - Buck Road Water Reclamation WWTP (WQ0016669001) - SPANISH.docx; 00 - TPDES Permit Application - Buck Road Water Reclamation WWTP.pdf

Good Morning Abesha!

Here are my answers to the items listed in your NOD1:

1. Please see the unlocked version of the Application attached!
2. The submitted USGS Maps do show the point of discharge. It is listed under the notation "2" as specified in the legend in the lower right hand corner of the USGS Map. Please let me know if you have any issues finding it!
3. The NORI looks great! My only comment is that "Conroe" was misspelled.
4. Please see the attached Spanish Translation Word Document.

Regards,

**Danny Parks, P.E.**

**WaterEngineers, Inc. | TBPE Firm No. 2066**

17230 Huffmeister Rd., Suite A | Cypress, Texas 77429

Office: 281-373-0500

[www.waterengineers.com](http://www.waterengineers.com)

The contents of this e-mail and any attachment(s) are confidential, and the property of WaterEngineers, Inc.

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**From:** Abesha Michael <Abesha.Michael@tceq.texas.gov>  
**Sent:** Wednesday, November 27, 2024 12:45 PM  
**To:** Danny Parks <danny@waterengineers.com>  
**Cc:** Shelley Young <syoun@waterengineers.com>  
**Subject:** Application for Proposed Permit No. WQ0016669001 - Notice of Deficiency Letter

Dear Mr. Parks:

The attached Notice of Deficiency letter sent on November 27, 2024, requests additional information needed to declare the application administratively complete. Please send the complete response to my attention by December 11, 2024.

Thank you,



Abesha H. Michael  
Applications Review & Processing Team  
Water Quality Division Support Section  
Water Quality Division, MC 148  
PO Box 13087  
Austin, Texas 78711  
Phone: o: 512-239-4912; c: 346-802-8446  
Email: [abesha.michael@tceq.texas.gov](mailto:abesha.michael@tceq.texas.gov)

**How is our customer service? Fill out our online customer satisfaction survey at**  
**[www.tceq.texas.gov/customersurvey](http://www.tceq.texas.gov/customersurvey)**

Jon Niermann, *Chairman*  
Bobby Janecka, *Commissioner*  
Catarina R. Gonzales, *Commissioner*  
Kelly Keel, *Executive Director*



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

November 27, 2024

Mr. Danny Parks, P.E.  
Project Engineer  
WaterEngineers, Inc.  
17230 Huffmeister Road, Suite A  
Cypress, Texas 77429

RE: Application for Proposed Permit No.: WQ0016669001 (EPA I.D. No. TX0146960)  
Applicant Name: Buck Road Water Reclamation LLC (CN606328425)  
Site Name: Buck Road Water Reclamation WWTP (RN112089610)  
Type of Application: New

### VIA EMAIL

Dear Mr. Parks:

We have received the application for the above referenced permit, and it is currently under review. Your attention to the following item(s) are requested before we can declare the application administratively complete. Please submit responses to the following items via email.

1. The application you emailed/posted is password protected. There are same documents we have to delete from the application, like the application fee check. We are unable to delete the check from the application. Please email the application with your response to this letter.
2. Section 13, USGS maps on page 10 of the administrative report: Thank you for USGS topographic Full-sized map. However, the map provided is insufficient. It does not show the point of discharge. Please submit a revised map shows the point of discharge too.
3. The following is a portion of the NORI which contains information relevant to your application. Please read it carefully and indicate if it contains any errors or omissions. The complete notice will be sent to you once the application is declared administratively complete.

**APPLICATION.** Buck Road Water Reclamation LLC, 17310 Payne Road, ~~Conroe~~, Texas 77302, has applied to the Texas Commission on Environmental Quality (TCEQ) for proposed Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0016669001 (EPA I.D. No. TX0146960) to authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 200,000 gallons per day. The domestic wastewater treatment facility will be located at 25111 Buck Road, in the city of Splendora, in Montgomery County, Texas 77372. The discharge route will be from the plant site to an effluent pipeline; thence to a man-made drainage ditch; thence to Peach Creek (~~pending-RWA confirmation~~). TCEQ received this application on November 25, 2024. The permit application will be available for viewing and copying at Montgomery County Library - Central Branch, Reference, 104 Interstate 45 North, ~~Conroe~~, Texas prior to the date this notice is published in the newspaper. The application, including any updates, and associated

Conroe

notices are available electronically at the following webpage:

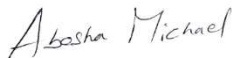
<https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications>. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application.  
<https://gisweb.tceq.texas.gov/LocationMapper/?marker=-95.176944,30.216666&level=18>

Further information may also be obtained from Buck Road Water Reclamation LLC at the address stated above or by calling Mr. Danny Parks, P.E., Project Engineer, at 281-373-0500.

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

Please submit the complete response, addressed to my attention by December 11, 2024. If you should have any questions, please do not hesitate to contact me by phone at (512) 239-4912 or by email at [abesha.michael@tceq.texas.gov](mailto:abesha.michael@tceq.texas.gov).

Sincerely,



Abesha Michael  
Applications Review and Processing Team (MC148)  
Water Quality Division  
Texas Commission of Environmental Quality

Enclosure(s)

cc: Ms. Shelley Young, P.E., Engineer, WaterEngineers, Inc., 17230 Huffmeister Road, Suite A,  
Cypress, Texas 77429

# Comisión de Calidad Ambiental del Estado de Texas



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

### PERMISO PROPUESTO NO. WQ0016669001

**SOLICITUD.** Buck Road Water Reclamation LLC, 17310 Payne Road, Conroe, Texas 77302, ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para el propuesto Permiso No. WQ0016669001 (EPA I.D. No. TX0146960) del Sistema de Eliminación de Descargas de Contaminantes de Texas (TPDES) para autorizar la descarga de aguas residuales tratadas en un volumen que no sobrepasa un flujo promedio diario de 200,000 galones por día. La planta está ubicada 25111 Buck Road, Splendora, 77372 en el Condado de Montgomery, Texas. La ruta de descarga es del sitio de la planta a una tubería de efluentes; de allí a una zanja de drenaje artificial; de allí a Peach Creek (**pendiente de confirmación de RWA**). La TCEQ recibió esta solicitud el 25 de noviembre de 2024. La solicitud para el permiso está disponible para leerla y copiarla en Biblioteca del Condado de Montgomery - Sucursal Central, Referencia, 104 Interestatal 45 Norte, Conroe, Texas. La solicitud (cualquier actualización y aviso inclusive) está disponible electrónicamente en la siguiente página web:

<https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications>. Este enlace a un mapa electrónico de la ubicación general del sitio o de la instalación es proporcionado como una cortesía y no es parte de la solicitud o del aviso. Para la ubicación exacta, consulte la solicitud.  
<https://gisweb.tceq.texas.gov/LocationMapper/?marker=-95.176944,30.216666&level=18>

*[Include the following non-italicized sentence if the facility is located in the Coastal Management Program boundary. The Coastal Management Program boundary is the area along the Texas Coast of the Gulf of México as depicted on the map in 31 TAC §503.1 and includes part or all of the following counties: Cameron, Willacy, Kenedy, Kleberg, Nueces, San Patricio, Aransas, Refugio, Calhoun, Victoria, Jackson, Matagorda, Brazoria, Galveston, Harris, Chambers, Jefferson y Orange.]* El Director Ejecutivo de la TCEQ ha revisado esta medida para ver si está de acuerdo con los objetivos y las regulaciones del Programa de Administración Costero de Texas (CMP) de acuerdo con las regulaciones del Consejo Coordinador de la Costa (CCC) y ha determinado que la acción es conforme con las metas y regulaciones pertinentes del CMP.

**AVISO ADICIONAL.** El Director Ejecutivo de la TCEQ ha determinado que la solicitud es administrativamente completa y conducirá una revisión técnica de la

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

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

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

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

**miembro sería afectado; y explicar cómo los intereses que el grupo desea proteger son pertinentes al propósito del grupo.**

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

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

**CONTACTOS E INFORMACIÓN DE LA TCEQ. Todos los comentarios escritos del público y los para pedidos una reunión deben ser presentados a la Oficina del Secretario Principal, MC 105, TCEQ, P.O. Box 13087, Austin, TX 78711-3087 o por el internet at [www.tceq.texas.gov/about/comments.html](http://www.tceq.texas.gov/about/comments.html).** 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. Si necesita más información en Español sobre esta solicitud para un permiso o el proceso del permiso, por favor llame a El Programa de Educación Pública de la TCEQ, sin cobro, al 1-800-687-4040. La información general sobre la TCEQ puede ser encontrada en nuestro sitio de la red: [www.tceq.texas.gov](http://www.tceq.texas.gov).

También se puede obtener información adicional del Buck Road Water Reclamation LLC a la dirección indicada arriba o llamando a Sr. Danny Parks, P.E., Ingeniero de Proyectos, al 281-373-0500.

Fecha de emisión \_\_\_\_\_ *[Date notice issued]*

 **WATERENGINEERS, INC.**  
*Water & Wastewater Treatment Consultants*  
Texas Board of Professional Engineers Firm No. 2066  
17230 HUFFMEISTER RD., SUITE A  
CYPRESS, TEXAS 77429  
TEL: 281-373-0500  
FAX: 281-373-1113

**Overnight by UPS**

November 21, 2024

Executive Director  
Water Quality Applications Team (MC 148)  
Texas Commission on Environmental Quality  
12100 Park 35 Circle  
Austin, Texas 78753

Re: Buck Road Water Reclamation LLC  
Application for a New TPDES Permit  
Buck Road Water Reclamation Wastewater Treatment Plant

Dear Sir/Ms:

Enclosed please find the original and one copy of the Application for a New Texas Pollution Discharge Elimination System Permit for the proposed Buck Road Water Reclamation Wastewater Treatment Plant in Montgomery County, TX.

Please feel free to contact me by phone at 281-373-0500 or email at & [danny@waterengineers.com](mailto:danny@waterengineers.com) if there are any questions related to the material presented in the application.

Sincerely,  
WATERENGINEERS, INC.



Danny C. Parks, P.E.

Encl: As noted

APPLICATION FOR A NEW  
TEXAS POLLUTION DISCHARGE ELIMINATION SYSTEM PERMIT

FOR

**BUCK ROAD WATER RECLAMATION  
WASTEWATER TREATMENT PLANT**

BUCK ROAD WATER RECLAMATION LLC  
17310 PAYNE ROAD  
CONROE, TX 77302

PREPARED BY:

 **WATERENGINEERS, INC.**  
*Water & Wastewater Treatment Consultants*  
Texas Board of Professional Engineers Firm No. 2066  
17230 HUFFMEISTER RD., SUITE A  
CYPRESS, TEXAS 77429  
TEL: 281-373-0500  
FAX: 281-373-1113

November 2024

APPLICATION FOR A NEW TEXAS POLLUTION DISCHARGE  
ELIMINATION SYSTEM PERMIT

FOR

BUCK ROAD WATER RECLAMATION LLC

BUCK ROAD WATER RECLAMATION  
WASTEWATER TREATMENT PLANT

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# TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

## DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST

Complete and submit this checklist with the application.

APPLICANT NAME: Buck Road Water Reclamation LLC

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

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

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

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 <input type="checkbox"/>	\$315.00 <input type="checkbox"/>
≥0.05 but <0.10 MGD	\$550.00 <input type="checkbox"/>	\$515.00 <input type="checkbox"/>
≥0.10 but <0.25 MGD	\$850.00 <input checked="" type="checkbox"/>	\$815.00 <input type="checkbox"/>
≥0.25 but <0.50 MGD	\$1,250.00 <input type="checkbox"/>	\$1,215.00 <input type="checkbox"/>
≥0.50 but <1.0 MGD	\$1,650.00 <input type="checkbox"/>	\$1,615.00 <input type="checkbox"/>
≥1.0 MGD	\$2,050.00 <input type="checkbox"/>	\$2,015.00 <input type="checkbox"/>

Minor Amendment (for any flow) \$150.00 ☐

**Payment Information:**

Mailed      Check/Money Order Number: 1459  
Check/Money Order Amount: \$850.00  
Name Printed on Check: WaterEngineers, Inc.

EPAY      Voucher Number: Click to enter text.

Copy of Payment Voucher enclosed?      Yes ☐

**Section 2. Type of Application (Instructions Page 26)**

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

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

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

- ☐ Active      ☒ Inactive

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

- ☒ TPDES Permit  
☐ TLAP  
☐ TPDES Permit with TLAP component

☐ Subsurface Area Drip Dispersal System (SADDS)

d. Check the box next to the appropriate application type

☒ New

☐ Major Amendment with Renewal

☐ Minor Amendment with Renewal

☐ Major Amendment without Renewal

☐ Minor Amendment without Renewal

☐ Renewal without changes

☐ Minor Modification of permit

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

f. For existing permits:

Permit Number: WQ00 [Click to enter text.](#)

EPA I.D. (TPDES only): TX [Click to enter text.](#)

Expiration Date: [Click to enter text.](#)

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

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

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

Buck Road Water Reclamation LLC

*(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: Proposed

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: Bark, Daniel

Title: Owner

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

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

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

N/A

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

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

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

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

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

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

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

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

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

Provide a brief description of the need for a co-permittee: [Click to enter text.](#)

### C. Core Data Form

Complete the Core Data Form for each customer and include as an attachment. If the customer type selected on the Core Data Form is **Individual**, complete **Attachment 1** of Administrative Report 1.0. [ADMIN.03](#)

## Section 4. Application Contact Information (Instructions Page 27)

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

- A. Prefix: Mr. Last Name, First Name: Parks, Danny  
Title: Project Engineer Credential: P.E.  
Organization Name: WaterEngineers, Inc.  
Mailing Address: 17230 Huffmeister Rd., Suite A City, State, Zip Code: Cypress, TX 77429  
Phone No.: 281-373-0500 E-mail Address: danny@waterengineers.com  
Check one or both: ☒ Administrative Contact ☒ Technical Contact
- B. Prefix: Ms. Last Name, First Name: Young, Shelley  
Title: Engineer Credential: P.E.  
Organization Name: WaterEngineers, Inc.  
Mailing Address: 17230 Huffmeister Rd., Suite A City, State, Zip Code: Cypress, TX 77429  
Phone No.: 281-373-0500 E-mail Address: syoung@waterengineers.com  
Check one or both: ☒ Administrative Contact ☒ Technical Contact

## Section 5. Permit Contact Information (Instructions Page 27)

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

- A. Prefix: Mr. Last Name, First Name: Bark, Daniel  
Title: Owner Credential: [Click to enter text.](#)  
Organization Name: Buck Road Water Reclamation LLC  
Mailing Address: 17310 Payne Road City, State, Zip Code: Conroe, TX 77302  
Phone No.: 281-622-0399 E-mail Address: dan@alittle2late.com
- B. Prefix: Ms. Last Name, First Name: Bark, Clementine  
Title: Owner Credential: [Click to enter text.](#)  
Organization Name: Buck Road Water Reclamation LLC  
Mailing Address: 17310 Payne Road City, State, Zip Code: Conroe, TX 77302  
Phone No.: 815-790-4355 E-mail Address: bark042003@yahoo.com

## Section 6. Billing Contact Information (Instructions Page 27)

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

Prefix: Mr. Last Name, First Name: Bark, Daniel  
Title: Owner Credential: Click to enter text.  
Organization Name: Buck Road Water Reclamation LLC  
Mailing Address: 17310 Payne Road City, State, Zip Code: Conroe, TX 77302  
Phone No.: 281-622-0399 E-mail Address: dan@alittle2late.com

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

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

Prefix: Ms. Last Name, First Name: Bark, Clementine  
Title: Administrative Director Credential: Click to enter text.  
Organization Name: Buck Road Water Reclamation LLC  
Mailing Address: 17310 Payne Road City, State, Zip Code: Conroe, TX 77302  
Phone No.: 815-790-4355 E-mail Address: bark042003@yahoo.com

## Section 8. Public Notice Information (Instructions Page 27)

### A. Individual Publishing the Notices

Prefix: Mr. Last Name, First Name: Parks, Danny  
Title: Project Engineer Credential: P.E.  
Organization Name: WaterEngineers, Inc.  
Mailing Address: 17320 Huffmeister Rd., Suite A City, State, Zip Code: Cypress, TX 77429  
Phone No.: 281-373-0500 E-mail Address: danny@waterengineers.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: Mr. Last Name, First Name: Parks, Danny  
Title: Project Engineer Credential: P.E.

Organization Name: WaterEngineers, Inc.

Mailing Address: 17320 Huffmeister Rd., Suite A City, State, Zip Code: Cypress, TX 77429

Phone No.: 281-373-0500

E-mail Address: danny@waterengineers.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: Montgomery County Library – Central Branch

Location within the building: Reference Desk

Physical Address of Building: 104 Interstate 45 North

City: Conroe, TX 77301

County: Montgomery

Contact (Last Name, First Name): Chris Cross

Phone No.: 936-539-7814 Ext.: Click to enter text.

#### E. Bilingual Notice Requirements

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

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

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

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

☒

Yes

☐

No

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

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

☒

Yes

☐

No

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

☐

Yes

☒

No

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

☐

Yes

☒

No

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

#### F. Plain Language Summary Template

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

Attachment: ADMIN.04

#### 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: ADMIN.05

### 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 New

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):

Buck Road Water Reclamation Wastewater Treatment Plant

- C. Owner of treatment facility: Buck Road Water Reclamation LLC

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: Click to enter text.

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

Organization Name: Buck Road Water Reclamation, LLC

Mailing Address: 17310 Payne Road City, State, Zip Code: Conroe, TX 77302

Phone No.: 281-622-0399 E-mail Address: dan@alittle2late.com

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

Attachment: Click to enter text.

- E. Owner of effluent disposal site:

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.

- 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:

The WWTP will be located at 25111 Buck Road, Splendora, TX 77372

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:

From the WWTP, through an effluent pipeline, thence to a man-made drainage ditch, thence to Peach Creek in Segment No. 1011 of the San Jacinto River Basin.

City nearest the outfall(s): Splendora

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

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:

Not a TLAP – N/A

- B. City nearest the disposal site: [Click to enter text.](#)
- C. County in which the disposal site is located: [Click to enter text.](#)
- D. For TLAPs, describe the routing of effluent from the treatment facility to the disposal site:
- [Click to enter text.](#)
- E. For TLAPs, please identify the nearest watercourse to the disposal site to which rainfall runoff might flow if not contained: [Click to enter text.](#)

## Section 12. Miscellaneous Information (Instructions Page 32)

- A. Is the facility located on or does the treated effluent cross American Indian Land?
- ☐ Yes ☒ No
- B. If the existing permit contains an onsite sludge disposal authorization, is the location of the sewage sludge disposal site in the existing permit accurate?
- ☐ Yes ☐ No ☒ Not Applicable

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

[Click to enter text.](#)

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

☐ Yes ☒ No

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

- D. Do you owe any fees to the TCEQ?

☐ Yes ☒ No

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

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

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

- E. Do you owe any penalties to the TCEQ?

☐ Yes ☒ No

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

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

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

## Section 13. Attachments (Instructions Page 33)

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

- ☐ Lease agreement or deed recorded easement, if the land where the treatment facility is located or the effluent disposal site are not owned by the applicant or co-applicant.
- ☒ Original full-size USGS Topographic Map with the following information:
  - Applicant's property boundary
  - Treatment facility boundary
  - Labeled point of discharge for each discharge point (TPDES only)
  - Highlighted discharge route for each discharge point (TPDES only)
  - Onsite sewage sludge disposal site (if applicable)
  - Effluent disposal site boundaries (TLAP only)
  - New and future construction (if applicable)
  - 1 mile radius information
  - 3 miles downstream information (TPDES only)
  - All ponds.
- ☐ Attachment 1 for Individuals as co-applicants
- ☒ Other Attachments. Please specify: (Admin.01 – USGS Topographic Maps) & (ADMIN.02 - Proof of Application Fee) & (ADMIN.03 - Core Data Form) & (ADMIN.04 – Plain Language Summary) & (ADMIN.05 – Public Involvement Plan) & (Admin.06 – Affected Landowner Map and List) & (ADMIN.07 – Site Photographs) & (ADMIN.08 – Buffer Zone Map) & (ADMIN.09 – SPIF Form, USGS Map and Site Plan)

## Section 14. Signature Page (Instructions Page 34)

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

Permit Number: New

Applicant: Buck Road Water Reclamation LLC

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): Daniel Bark

Signatory title: Owner

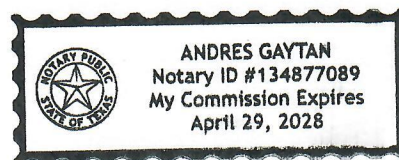
Signature: *Daniel Bark* Date: 11-6-2024  
(Use blue ink)

Subscribed and Sworn to before me by the said Daniel Bark  
on this 6th day of November, 2024.  
My commission expires on the 29th day of April, 2028.

*Andres Gaytan*  
Notary Public

[SEAL]

*Mont gomery*  
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: **Montgomery County Appraisal District**
- 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:** ADMIN.09

# 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

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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): 0.050

2-Hr Peak Flow (MGD): 0.125

Estimated construction start date: 1/1/2026

Estimated waste disposal start date: 6/1/2026

#### B. Interim II Phase

Design Flow (MGD): 0.100

2-Hr Peak Flow (MGD): 0.250

Estimated construction start date: 1/1/2030

Estimated waste disposal start date: 6/1/2030

#### C. Final Phase

Design Flow (MGD): 0.200

2-Hr Peak Flow (MGD): 0.500

Estimated construction start date: 1/1/2034

Estimated waste disposal start date: 6/1/2034

#### D. Current Operating Phase

Provide the startup date of the facility: [Click to enter text.](#)

### 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.**

PHASE I: Domestic septage waste is transferred from hauling trucks into the conventional activated sludge process with nitrification plant. Incoming waste will flow through a bar screen into a flow equalization basin, thence to aeration basin, thence to the clarifier, thence to the chlorine contact chamber for disinfection and discharge. Sludge from the bottom of the clarifier will either be airlifted to the aeration basin or wasted to the aerobic digester. PHASE II: Will add an additional aeration basin, an additional digester and a mobile filter press to the plant from Phase I. FINAL PHASE: Will add additional aeration basins, an additional clarifier, an additional chlorine contact basin and additional digesters to the plant from Phase II. After Phase I, sludge from the plant will be dewatered using a third party on-site mobile filter press where the removed water will be returned the plant and the filter cake will be hauled off site by a third party to be stabilized and disposed of in an approved landfill.

## 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)
<b>Aeration Basins</b>	Phase I: 2 Phase II: 3 Final: 6	48-ft x 12-ft x 10.5-ft
<b>Clarifier</b>	Phase I: 1 Phase II: 1 Final: 2	24-ft Diam. x 9.5-ft
<b>Chlorine Contact Basin</b>	Phase I: 1 Phase II: 1 Final: 2	16-ft x 12-ft x 8-ft
<b>Aerobic Digester / Sludge Holding Basin</b>	Phase I: 1 Phase II: 2 Final: 4	48-ft x 12-ft x 10.5-ft

## C. Process Flow Diagram

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

Attachment: TECH.02

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

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

- Latitude: 30.216701
- Longitude: -95.176897

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

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

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

- The boundaries of the treatment facility;
- The boundaries of the area served by the treatment facility;

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

**Attachment:** TECH.03

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

N/A – Domestic septage waste will be trucked into the Buck Road Water Reclamation Wastewater Treatment Plant. The WWTP will serve various septic systems.

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
N/A. Wastewater will be delivered to the site via truck.	N/A	Choose an item.	M/A
		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: [Click to enter text.](#)

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.**

Summary Transmittal Letter to be submitted before 1/2026.

### B. Buffer zones

Have the buffer zone requirements been met?

☒ Yes ☐ No

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

Click to enter text.

**C. Other actions required by the current permit**

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

☐ Yes ☒ No

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

Click to enter text.

**D. Grit and grease treatment**

**1. Acceptance of grit and grease waste**

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

☐ Yes ☒ No

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

**2. Grit and grease processing**

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

Click to enter text.

**3. Grit disposal**

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

☐ Yes ☐ No

**If No**, contact the TCEQ Municipal Solid Waste team at 512-239-2335. Note: A registration or permit is required for grit disposal. Grit shall not be combined with

treatment plant sludge. See the instruction booklet for additional information on grit disposal requirements and restrictions.

Describe the method of grit disposal.

[Click to enter text.](#)

#### 4. *Grease and decanted liquid disposal*

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

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

[Click to enter text.](#)

### E. Stormwater management

#### 1. *Applicability*

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

☐ Yes ☒ No

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

☐ Yes ☒ No

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

#### 2. *MSGP coverage*

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

☐ Yes ☐ No

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

TXR05 [Click to enter text.](#) or TXRNE [Click to enter text.](#)

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

☐ Yes ☐ No

#### 3. *Conditional exclusion*

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

☐ Yes ☐ No

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

Click to enter text.

**4. Existing coverage in individual permit**

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

☐ Yes ☐ No

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

Click to enter text.

**5. Zero stormwater discharge**

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

☐ Yes ☐ No

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

Click to enter text.

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

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

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

☐ Yes ☐ No

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

Click to enter text.

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

#### F. Discharges to the Lake Houston Watershed

Does the facility discharge in the Lake Houston watershed?

☒ Yes ☐ No

If yes, attach a Sewage Sludge Solids Management Plan. See Example 5 in the instructions. TECH.04

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

##### 1. Acceptance of sludge from other WWTPs

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

☒ Yes ☐ No

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

In addition, provide the date the plant started or is anticipated to start accepting sludge, an estimate of monthly sludge acceptance (gallons or millions of gallons), an estimate of the BOD<sub>5</sub> concentration of the sludge, and the design BOD<sub>5</sub> concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.

The plant is expected to begin operation in January 2026. Requested Phase I capacity is 50,000 gallons per day. Incoming wastewater BOD is estimated to be around 750 mg/l.

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<sub>5</sub> concentration of the septic waste, and the design BOD<sub>5</sub> concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.

The plant is expected to begin operation in January 2026. Requested Phase I capacity is 50,000 gallons per day. Incoming wastewater BOD is estimated to be around 750 mg/l.

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

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

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

☐ Yes ☒ No

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

Click to enter text.

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

Is the facility in operation?

☐ Yes ☒ No

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

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

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

**Table 1.0(2) – Pollutant Analysis for Wastewater Treatment Facilities**

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
CBOD <sub>5</sub> , mg/l					
Total Suspended Solids, mg/l					
Ammonia Nitrogen, mg/l					
Nitrate Nitrogen, mg/l					
Total Kjeldahl Nitrogen, mg/l					

Sulfate, mg/l					
Chloride, mg/l					
Total Phosphorus, mg/l					
pH, standard units					
Dissolved Oxygen*, mg/l					
Chlorine Residual, mg/l					
<i>E.coli</i> (CFU/100ml) freshwater					
Enterococci (CFU/100ml) saltwater					
Total Dissolved Solids, mg/l					
Electrical Conductivity, $\mu$ mohs/cm, †					
Oil & Grease, mg/l					
Alkalinity (CaCO <sub>3</sub> )*, mg/l					

\*TPDES permits only

†TLAP permits only

**Table 1.0(3) – Pollutant Analysis for Water Treatment Facilities**

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

## Section 8. Facility Operator (Instructions Page 50)

Facility Operator Name: Not yet determined

Facility Operator's License Classification and Level: Will be TCEQ certified C or higher.

Facility Operator's License Number: Click to enter text.

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

### A. WWTP's Biosolids Management Facility Type

Check all that apply. See instructions for guidance

- ☐ Design flow  $\geq$  1 MGD
- ☐ Serves  $\geq$  10,000 people
- ☐ Class I Sludge Management Facility (per 40 CFR § 503.9)

- ☒ Biosolids generator
- ☐ Biosolids end user – land application (onsite)
- ☐ Biosolids end user – surface disposal (onsite)
- ☐ Biosolids end user – incinerator (onsite)

## B. WWTP's Biosolids Treatment Process

Check all that apply. See instructions for guidance.

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

## C. Biosolids Management

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

### Biosolids Management

Management Practice	Handler or Preparer Type	Bulk or Bag Container	Amount (dry metric tons)	Pathogen Reduction Options	Vector Attraction Reduction Option
Other	Off-site Third-Party Preparer	Not Applicable		Choose an item.	Choose an item.

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.

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

#### D. Disposal site

Disposal site name: Richey Road MUD / Triple-S Compost Facility

TCEQ permit or registration number: WQ0004810000 / 42042

County where disposal site is located: Harris / Montgomery

#### E. Transportation method

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

Name of the hauler: Spring Waste Services LP

Hauler registration number: 23833

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  $1 \times 10^{-7}$  cm/sec?

☐ Yes ☐ No

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

[Click to enter text.](#)

## D. Site development plan

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

Click to enter text.

Attach the following documents to the application.

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

#### E. Groundwater monitoring

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

☐ Yes ☐ No

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

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

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

#### A. Additional authorizations

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

☐ Yes ☒ No

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

Click to enter text.

**B. Permittee enforcement status**

Is the permittee currently under enforcement for this facility?

☐ Yes ☒ No

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

☐ Yes ☒ No

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

Click to enter text.

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

**A. RCRA hazardous wastes**

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

☐ Yes ☒ No

**B. Remediation activity wastewater**

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

☐ Yes ☒ No

**C. Details about wastes received**

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

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

## Section 14. Laboratory Accreditation (Instructions Page 56)

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

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

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

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

### CERTIFICATION:

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

Printed Name: N/A – New Permit

Title: Click to enter text.

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

# DOMESTIC WASTEWATER PERMIT APPLICATION

## TECHNICAL REPORT 1.1

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

### Section 1. Justification for Permit (Instructions Page 57)

#### A. Justification of permit need

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

Buck Road Water Reclamation Wastewater Treatment Plant is necessary to provide additional treatment for various on site septic facilities in the nearby areas. Effluent from the various septic facilities will be hauled by truck to the Buck Road Water Reclamation Wastewater Treatment Plant for further processing and treatment.

#### B. Regionalization of facilities

For additional guidance, please review [TCEQ's Regionalization Policy for Wastewater Treatment](#)<sup>1</sup>.

Provide the following information concerning the potential for regionalization of domestic wastewater treatment facilities:

##### 1. Municipally incorporated areas

If the applicant is a city, then Item 1 is not applicable. Proceed to Item 2 Utility CCN areas.

Is any portion of the proposed service area located in an incorporated city?

☐ Yes ☒ No ☐ Not Applicable

If yes, within the city limits of: [Click to enter text.](#)

If yes, attach correspondence from the city.

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

If consent to provide service is available from the city, attach a justification for the proposed facility and a cost analysis of expenditures that includes the cost of connecting to the city versus the cost of the proposed facility or expansion attached.

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

##### 2. Utility CCN areas

Is any portion of the proposed service area located inside another utility's CCN area?

☐ Yes ☒ No

---

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

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

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

### 3. *Nearby WWTs or collection systems*

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

☒ Yes ☐ No

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

**Attachment:** [TECH.05](#)

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

**Attachment:** [TECH.05](#)

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

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

## Section 2. Proposed Organic Loading (Instructions Page 59)

Is this facility in operation?

☐ Yes ☒ No

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

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

### A. Current organic loading

Facility Design Flow (flow being requested in application): [Click to enter text.](#)

Average Influent Organic Strength or BOD<sub>5</sub> Concentration in mg/l: [Click to enter text.](#)

Average Influent Loading (lbs/day = total average flow X average BOD<sub>5</sub> conc. X 8.34): [Click to enter text.](#)

Provide the source of the average organic strength or BOD<sub>5</sub> concentration.

[Click to enter text.](#)

## B. Proposed organic loading

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

**Table 1.1(1) – Design Organic Loading**

Source	Total Average Flow (MGD)	Influent BOD <sub>5</sub> Concentration (mg/l)
Municipality		
Subdivision	0.050 / 0.100 / 0.200	750 / 750 / 750
Trailer park – transient		
Mobile home park		
School with cafeteria and showers		
School with cafeteria, no showers		
Recreational park, overnight use		
Recreational park, day use		
Office building or factory		
Motel		
Restaurant		
Hospital		
Nursing home		
Other		
TOTAL FLOW from all sources	0.050 / 0.100 / 0.200	
AVERAGE BOD <sub>5</sub> from all sources		750 / 750 / 750

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

### A. Existing/Interim I Phase Design Effluent Quality

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

Total Suspended Solids, mg/l: 15

Ammonia Nitrogen, mg/l: 3

Total Phosphorus, mg/l: N/A

Dissolved Oxygen, mg/l: 4

Other: E. Coli: 63 mpn/100 ml

### B. Interim II Phase Design Effluent Quality

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

Total Suspended Solids, mg/l: 15

Ammonia Nitrogen, mg/l: 3

Total Phosphorus, mg/l: N/A

Dissolved Oxygen, mg/l: 4

Other: E. Coli: 63 mpn/100 ml

### C. Final Phase Design Effluent Quality

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

Total Suspended Solids, mg/l: 15

Ammonia Nitrogen, mg/l: 3

Total Phosphorus, mg/l: N/A

Dissolved Oxygen, mg/l: 4

Other: E. Coli: 63 mpn/100 ml

### D. Disinfection Method

Identify the proposed method of disinfection.

☒ Chlorine: 1-4 mg/l after 20 minutes detention time at peak flow

Dechlorination process: Click to enter text.

☐ Ultraviolet Light: Click to enter text. seconds contact time at peak flow

☐ Other: Click to enter text.

## Section 4. Design Calculations (Instructions Page 59)

Attach design calculations and plant features for each proposed phase. Example 4 of the instructions includes sample design calculations and plant features.

Attachment: TECH.01

## Section 5. Facility Site (Instructions Page 60)

### A. 100-year floodplain

Will the proposed facilities be located above the 100-year frequency flood level?

☐ Yes ☒ No

If **no**, describe measures used to protect the facility during a flood event. Include a site map showing the location of the treatment plant within the 100-year frequency flood level. If applicable, provide the size and types of protective structures.

Top of wall for tankage will be a minimum 3 feet above the 100-year flood plain. Other equipment will be placed on raised concrete slabs to be located above the 500-year flood plain. See Tech.03.

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

FEMA Flood Map 48339C0600G dated 8/18/2014

For a new or expansion of a facility, will a wetland or part of a wetland be filled?

☐ Yes ☒ No

If **yes**, has the applicant applied for a US Corps of Engineers 404 Dredge and Fill Permit?

☐ Yes ☐ No

If **yes**, provide the permit number: [Click to enter text.](#)

If **no**, provide the approximate date you anticipate submitting your application to the Corps: [Click to enter text.](#)

## B. Wind rose

Attach a wind rose: [TECH.03](#)

# Section 6. Permit Authorization for Sewage Sludge Disposal (Instructions Page 60)

## A. Beneficial use authorization

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

☐ Yes ☒ No

If **yes**, attach the completed **Application for Permit for Beneficial Land Use of Sewage Sludge (TCEQ Form No. 10451)**: [Click to enter text.](#)

## B. Sludge processing authorization

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

- ☐ Sludge Composting
- ☐ Marketing and Distribution of sludge
- ☐ Sludge Surface Disposal or Sludge Monofill

If **any of the above**, sludge options are selected, attach the completed **Domestic Wastewater Permit Application: Sewage Sludge Technical Report (TCEQ Form No. 10056)**: [Click to enter text.](#)

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

Attach a solids management plan to the application.

**Attachment:** [TECH.04](#)

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

- Treatment units and processes dimensions and capacities
- Solids generated at 100, 75, 50, and 25 percent of design flow
- Mixed liquor suspended solids operating range at design and projected actual flow
- Quantity of solids to be removed and a schedule for solids removal
- Identification and ownership of the ultimate sludge disposal site
- For facultative lagoons, design life calculations, monitoring well locations and depths, and the ultimate disposal method for the sludge from the facultative lagoon

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

# DOMESTIC WASTEWATER PERMIT APPLICATION

## WORKSHEET 2.0: RECEIVING WATERS

The following information is required for all TPDES permit applications.

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

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

☐ Yes ☒ No

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

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

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

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

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

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

Does the facility discharge into tidally affected waters?

☐ Yes ☒ No

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

#### A. Receiving water outfall

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

#### B. Oyster waters

Are there oyster waters in the vicinity of the discharge?

☐ Yes ☐ No

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

[Click to enter text.](#)

#### C. Sea grasses

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

☐ Yes ☐ No

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

[Click to enter text.](#)

### Section 3. Classified Segments (Instructions Page 64)

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

☐ Yes ☒ No

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

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

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

Name of the immediate receiving waters: Proposed man-made drainage ditch

#### 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: Manmade drainage ditch has not been constructed yet.

### C. Downstream perennial confluences

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

Peach Creek

### D. Downstream characteristics

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

☐ Yes ☒ No

If yes, discuss how.

[Click to enter text.](#)

### E. Normal dry weather characteristics

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

N/A – Man-made drainage ditch has not been constructed yet.

Date and time of observation: 10/22/2024 @ 2:30 PM

Was the water body influenced by stormwater runoff during observations?

☐ Yes ☒ No

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

### A. Upstream influences

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

☐ Oil field activities

☒ Urban runoff

☐ Upstream discharges

☐ Agricultural runoff

☐ Septic tanks

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

## B. Waterbody uses

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

- |  |   |
|--|---|
| <input type="checkbox"/> Livestock watering    | <input type="checkbox"/> Contact recreation                       |
| <input type="checkbox"/> Irrigation withdrawal | <input type="checkbox"/> Non-contact recreation                   |
| <input type="checkbox"/> Fishing               | <input type="checkbox"/> Navigation                               |
| <input type="checkbox"/> Domestic water supply | <input type="checkbox"/> Industrial water supply                  |
| <input type="checkbox"/> Park activities       | <input checked="" type="checkbox"/> Other(s), specify: <u>N/A</u> |

## C. Waterbody aesthetics

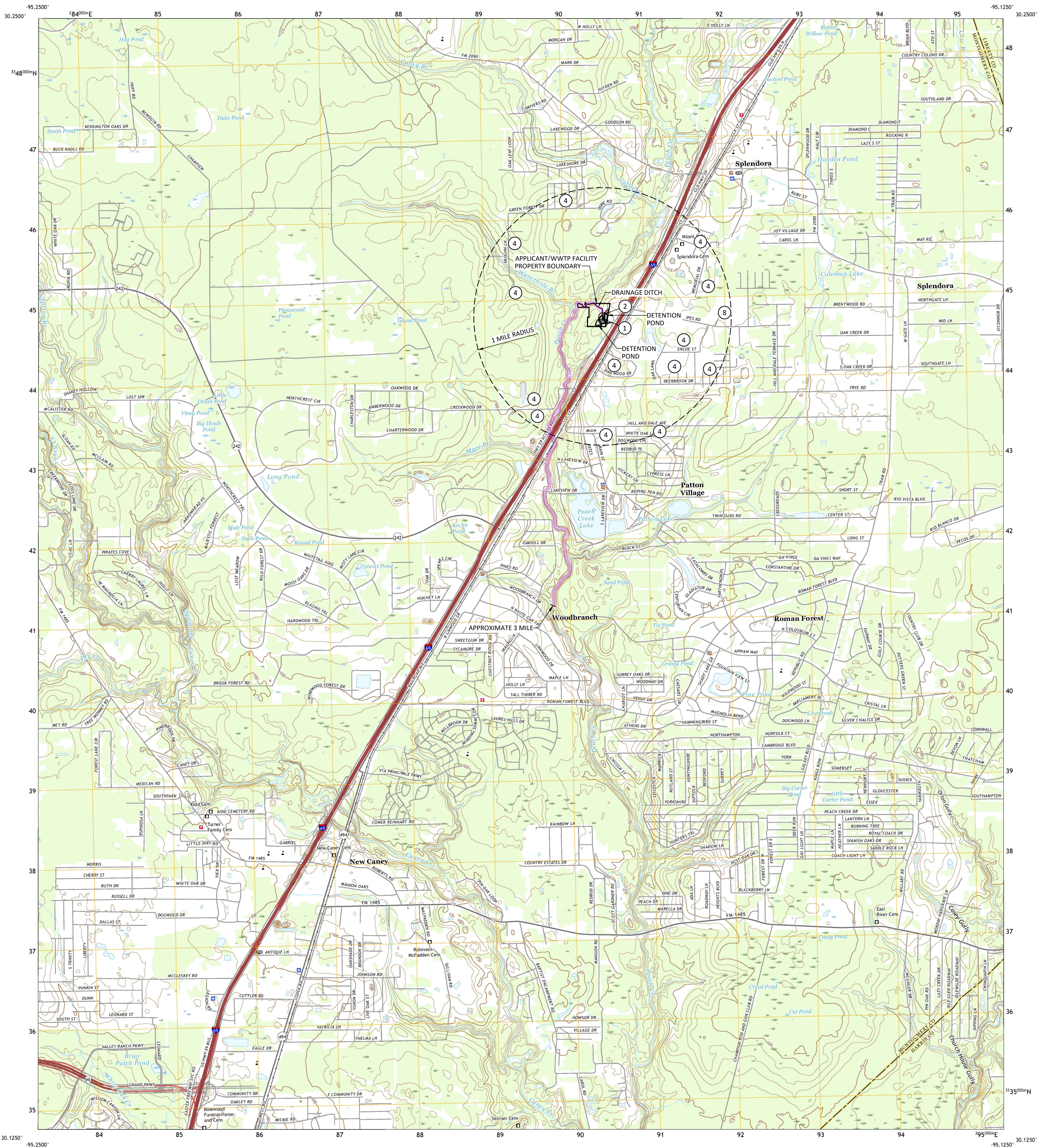
Check one of the following that best describes the aesthetics of the receiving water and the surrounding area.

- ☐ 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

## **ATTACHMENT ADMIN.01**

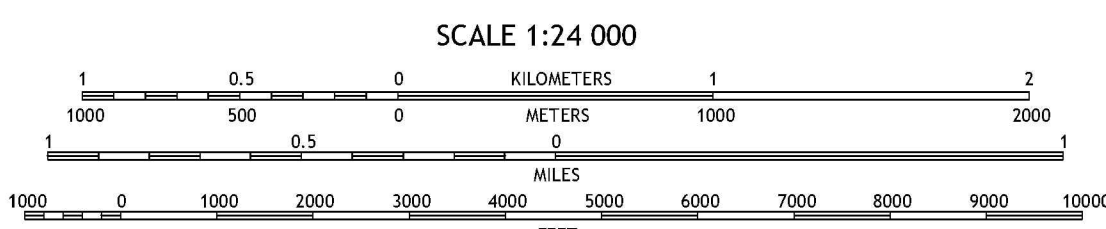
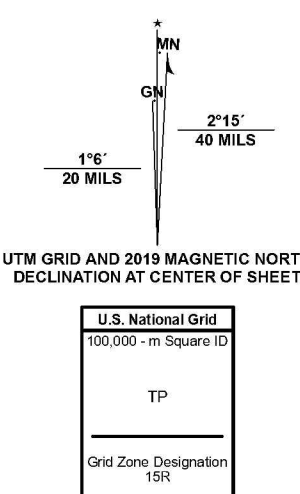
### **USGS Topographic Map**

(Reference Administrative Report 1.0, Page 10, Question 13)



Produced by the United States Geological Survey  
North American Datum of 1983 (NAD83)  
World Geodetic System of 1984 (WGS84). Projection and  
1 000-meter grid/Universal Transverse Mercator, Zone 15R.  
This map is not a legal document. Boundaries may be  
generalized for this map scale. Private lands within government  
reservations may not be shown. Obtain permission before  
entering private lands.

Imagery.....NAIP, September 2016 - November 2016  
Roads.....U.S. Census Bureau, 2015  
Names.....GNS, 1979 - 2021  
Hydrography.....National Hydrography Dataset, 2001 - 2018  
Contours.....National Elevation Dataset, 2010  
Boundaries.....Multiple sources; see metadata file 2019 - 2021  
Wetlands.....FWS National Wetlands Inventory Not Available



1	2	3
4	5	6
7	8	9

ADJOINING QUADRANGLES

ROAD CLASSIFICATION	
Expressway	Local Connector
Secondary Hwy	Local Road
Ramp	4WD
Interstate Route	US Route
	State Route

**SPLENDORA, TX 2022**

LEGEND	
1	APPLICANT'S WASTEWATER TREATMENT PLANT
2	POINT OF DISCHARGE
3	COMMERCIAL DEVELOPMENT
4	HOUSING DEVELOPMENT
5	INDUSTRIAL SITE
6	PARK
7	SCHOOLS
8	RECREATIONAL AREA
9	PUBLIC WATER WELL
10	EXISTING WWTP (OWNED BY OTHERS)

**WATERENGINEERS, INC.**  
Water & Wastewater Treatment Consultants  
TEXAS BOARD OF PROFESSIONAL ENGINEERS (P.E. No. 206)  
17230 HUFFMASTER ROAD  
CYPRESS, TEXAS 77429  
TEL: 281-373-0500  
FAX: 281-373-1113

APPLICANT: BUCK ROAD WATER RECLAMATION WWTP  
APPLICATION FOR A NEW TPDES PERMIT

USGS MAP

DRAWN BY: BIR  
APPROVED BY: SBV  
SCALE: AS NOTED  
DATE: 10/29/2024  
JOB NO.: 24115-24115

DWG. NO.:  
**ADMIN.01**

## **ATTACHMENT ADMIN.02**

### **Proof of Payment**

(Reference Administrative Report 1.0, Page 10, Question 13)

# WATER QUALITY PERMIT

## PAYMENT SUBMITTAL FORM

Use this form to submit the Application Fee, if the mailing the payment.

- Complete items 1 through 5 below.
- Staple the check or money order in the space provided at the bottom of this document.
- **Do Not mail this form with the application form.**
- Do not mail this form to the same address as the application.
- Do not submit a copy of the application with this form as it could cause duplicate permit entries.

Mail this form and the check or money order to:

BY REGULAR U.S. MAIL

Texas Commission on Environmental Quality  
Financial Administration Division  
Cashier's Office, MC-214  
P.O. Box 13088  
Austin, Texas 78711-3088

BY OVERNIGHT/EXPRESS MAIL

Texas Commission on Environmental Quality  
Financial Administration Division  
Cashier's Office, MC-214  
12100 Park 35 Circle  
Austin, Texas 78753

Fee Code: WQP Waste Permit No: New

1. Check or Money Order Number: 1459
2. Check or Money Order Amount: \$850.00
3. Date of Check or Money Order: 11/18/2024
4. Name on Check or Money Order: WaterEngineers, Inc.

5. APPLICATION INFORMATION

Name of Project or Site: Buck Road Water Reclamation Wastewater Treatment Plant

Physical Address of Project or Site: 25111 Buck Road, Splendora, TX 77372

If the check is for more than one application, attach a list which includes the name of each Project or Site (RE) and Physical Address, exactly as provided on the application.

Staple Check or Money Order in This Space

		<b>AmegyBank.</b> <small>P.O. Box 27458 Houston, Texas 77227-7458 AmegyBank.com • 713-238-8810</small>		<b>1459</b>
		35-1125/1130		<u>11/18/2024</u>
PAY TO THE ORDER OF	<u>TCEQ</u>			<b>\$ **850.00</b>
<u>Eight Hundred Fifty and 00/100</u> *****				
<u>TCEQ</u> <u>12100 PARK 35 CIRCLE</u> <u>MC-214</u> <u>AUSTIN, TX 78753-1808</u>				<b>VOID AFTER NINETY DAYS</b>  AUTHORIZED SIGNATURE
MEMO	<u>New TPDES Buck Road WWTP 6325-24115</u>			

Security Features. Details on back.

## **ATTACHMENT ADMIN.03**

### **Core Data Form**

(Reference Administrative Report 1.0, Page 4, Section 3C)



# 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

<b>1. Reason for Submission</b> (If other is checked please describe in space provided.)		
<input checked="" type="checkbox"/> New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
<input type="checkbox"/> Renewal (Core Data Form should be submitted with the renewal form)		<input type="checkbox"/> Other
<b>2. Customer Reference Number</b> (if issued)	<a href="#">Follow this link to search for CN or RN numbers in Central Registry**</a>	<b>3. Regulated Entity Reference Number</b> (if issued)
CN		RN

## SECTION II: Customer Information

<b>4. General Customer Information</b>		<b>5. Effective Date for Customer Information Updates</b> (mm/dd/yyyy)			
<input checked="" type="checkbox"/> New Customer <input type="checkbox"/> Update to Customer Information <input type="checkbox"/> Change in Regulated Entity Ownership					
<input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)					
<i>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).</i>					
<b>6. Customer Legal Name</b> (If an individual, print last name first: eg: Doe, John)				<i>If new Customer, enter previous Customer below:</i>	
Buck Road Water Reclamation LLC					
<b>7. TX SOS/CPA Filing Number</b>		<b>8. TX State Tax ID</b> (11 digits)		<b>9. Federal Tax ID</b> (9 digits)	<b>10. DUNS Number</b> (if applicable)
0805753557		32097251006			
<b>11. Type of Customer:</b>		<input type="checkbox"/> Corporation		<input type="checkbox"/> Individual	Partnership: <input type="checkbox"/> General <input type="checkbox"/> Limited
Government: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> Local <input type="checkbox"/> State <input type="checkbox"/> Other		<input type="checkbox"/> Sole Proprietorship		<input checked="" type="checkbox"/> Other: Limited Liability Company	
<b>12. Number of Employees</b>				<b>13. Independently Owned and Operated?</b>	
<input checked="" type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
<b>14. Customer Role</b> (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following					
<input checked="" type="checkbox"/> Owner <input type="checkbox"/> Operator <input type="checkbox"/> Owner & Operator <input type="checkbox"/> Other:					
<input type="checkbox"/> Occupational Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> VCP/BSA Applicant					
<b>15. Mailing Address:</b>		17310 Payne Road			
City		Conroe		State	TX
ZIP		77302		ZIP + 4	
<b>16. Country Mailing Information</b> (if outside USA)				<b>17. E-Mail Address</b> (if applicable)	
				dan@alittle2late.com	
<b>18. Telephone Number</b>			<b>19. Extension or Code</b>		<b>20. Fax Number</b> (if applicable)

## 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.)*

Buck Road Water Reclamation Wastewater Treatment Plant

### 23. Street Address of the Regulated Entity:

(No PO Boxes)

25111 Buck Road

City

Splendora

State

TX

ZIP

77372

ZIP + 4

### 24. County

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

### 25. Description to Physical Location:

### 26. Nearest City

State

Nearest ZIP Code

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

### 27. Latitude (N) In Decimal:

30.216701

### 28. Longitude (W) In Decimal:

-95.176836

Degrees

Minutes

Seconds

Degrees

Minutes

Seconds

### 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

221320

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

Wastewater Treatment Plant

### 34. Mailing Address:

17310 Payne Road

City

Conroe

State

TX

ZIP

77302

ZIP + 4

### 35. E-Mail Address:

dan@alittle2late.com

### 36. Telephone Number

### 37. Extension or Code

### 38. Fax Number *(if applicable)*

( 281 ) 622-0399

( ) -

**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.


<input type="checkbox"/> Dam Safety	<input type="checkbox"/> Districts	<input type="checkbox"/> Edwards Aquifer	<input type="checkbox"/> Emissions Inventory Air	<input type="checkbox"/> Industrial Hazardous Waste
<input type="checkbox"/> Municipal Solid Waste	<input type="checkbox"/> New Source Review Air	<input type="checkbox"/> OSSF	<input type="checkbox"/> Petroleum Storage Tank	<input type="checkbox"/> PWS
<input type="checkbox"/> Sludge	<input type="checkbox"/> Storm Water	<input type="checkbox"/> Title V Air	<input type="checkbox"/> Tires	<input type="checkbox"/> Used Oil
<input type="checkbox"/> Voluntary Cleanup	<input checked="" type="checkbox"/> Wastewater	<input type="checkbox"/> Wastewater Agriculture	<input type="checkbox"/> Water Rights	<input type="checkbox"/> Other:
	TPDES Proposed			

#### **SECTION IV: Preparer Information**

<b>40. Name:</b>	Danny C. Parks, P.E.			<b>41. Title:</b>	Project Engineer
<b>42. Telephone Number</b>	<b>43. Ext./Code</b>	<b>44. Fax Number</b>	<b>45. E-Mail Address</b>		
( 281 ) 373-0500		( ) -	danny@waterengineers.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.

<b>Company:</b>	WaterEngineers, Inc.		<b>Job Title:</b>	Project Engineer	
<b>Name (In Print):</b>	Danny C. Parks, P.E.			<b>Phone:</b>	( 281 ) 373- 0500
<b>Signature:</b>				<b>Date:</b>	11-19-2024

## **ATTACHMENT ADMIN.04**

### **Plain Language Summary**

(Reference Administrative Report 1.0, Page 6, Section 8F)



## 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.*

Buck Road Water Reclamation LLC (CN: Proposed) proposes to operate Buck Road Water Reclamation Wastewater Treatment Plant (RN: Proposed), a conventional activated sludge with nitrification process plant. The facility will be located at 25111 Buck Road, in Splendora, Montgomery County, Texas 77372. This application is for a new permit to discharge at a daily average flow of 200,000 gallons per day of treated domestic wastewater.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD<sub>5</sub>), total suspended solids (TSS), ammonia nitrogen (NH<sub>3</sub>-N), and *Escherichia coli*. Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7 (Pollutant Analysis of Treated Effluent) in the permit application package. The domestic wastewater will be treated by a conventional activated sludge with nitrification process plant and the treatment units will include a bar screen, equalization basins, aeration basins, final clarifiers, sludge digesters and chlorine contact chambers.

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

AGUAS RESIDUALES Introduzca 'INDUSTRIALES' o 'DOMÉSTICAS' aquí /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.*

Buck Road Water Reclamation LLC (CN: 606015543) propone operar planta de tratamiento de aguas residuales de Buck Road Water Reclamation RN: Proposed, un planta de lodos activados convencionales con proceso de nitrificación. La instalación estará ubicada en 25111 Buck Road, en Splendora, Condado de Montgomery, Texas 77372. Esta solicitud es para un nuevo permiso para descargar a un flujo promedio Esta solicitud es para un nuevo permiso para descargar a un flujo promedio diario de 200,000 galones por día de aguas residuales domésticas tratadas. <<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 demanda bioquímica de oxígeno carbonoso de cinco días (CBOD5), sólidos suspendidos totales (SST), nitrógeno amoniacal (NH3-N) y Escherichia coli. Se incluyen contaminantes potenciales adicionales en el Informe Técnico Nacional 1.0, Sección 7 (Análisis de contaminantes del efluente tratado) en el paquete de solicitud de permiso. Las aguas residuales domésticas. estará tratado por una planta de lodos activados convencional con proceso de nitrificación y las unidades de tratamiento incluirán criba de barras, balsas de ecualización, balsas de aireación, clarificadores finales, digestores de lodos y cámaras de contacto de cloro.

## 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](mailto: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.

## **ATTACHMENT ADMIN.05**

### **Public Involvement Plan**

(Reference Administrative Report 1.0, Page 7, Section 8F)



Texas Commission on Environmental Quality

## Public Involvement Plan Form for Permit and Registration Applications

The Public Involvement Plan is intended to provide applicants and the agency with information about how public outreach will be accomplished for certain types of applications in certain geographical areas of the state. It is intended to apply to new activities; major changes at existing plants, facilities, and processes; and to activities which are likely to have significant interest from the public. This preliminary screening is designed to identify applications that will benefit from an initial assessment of the need for enhanced public outreach.

All applicable sections of this form should be completed and submitted with the permit or registration application. For instructions on how to complete this form, see TCEQ-20960-inst.

### Section 1. Preliminary Screening

New Permit or Registration Application

New Activity - modification, registration, amendment, facility, etc. (see instructions)

**If neither of the above boxes are checked, completion of the form is not required and does not need to be submitted.**

### Section 2. Secondary Screening

Requires public notice,

Considered to have significant public interest, and

Located within any of the following geographical locations:

- Austin
- Dallas
- Fort Worth
- Houston
- San Antonio
- West Texas
- Texas Panhandle
- Along the Texas/Mexico Border
- Other geographical locations should be decided on a case-by-case basis

**If all the above boxes are not checked, a Public Involvement Plan is not necessary.  
Stop after Section 2 and submit the form.**

Public Involvement Plan not applicable to this application. Provide **brief** explanation.

### Section 3. Application Information

## Type of Application (check all that apply):

Air	Initial	Federal	Amendment	Standard Permit	Title V
Waste	Municipal Solid Waste	Industrial and Hazardous Waste			Scrap Tire
	Radioactive Material Licensing			Underground Injection Control	

## Water Quality

Texas Pollutant Discharge Elimination System (TPDES)  
Texas Land Application Permit (TLAP)  
State Only Concentrated Animal Feeding Operation (CAFO)  
Water Treatment Plant Residuals Disposal Permit  
Class B Biosolids Land Application Permit  
Domestic Septage Land Application Registration

# Water Rights New Permit

New Appropriation of Water  
New or existing reservoir

## Amendment to an Existing Water Right

Add a New Appropriation of Water

Add a New or Existing Reservoir

Major Amendment that could affect other water rights or the environment

## Section 4. Plain Language Summary

Provide a brief description of planned activities.

## Section 5. Community and Demographic Information

Community information can be found using EPA's EJ Screen, U.S. Census Bureau information, or generally available demographic tools.

**Information gathered in this section can assist with the determination of whether alternative language notice is necessary. Please provide the following information.**

(City)

(County)

(Census Tract)

Please indicate which of these three is the level used for gathering the following information.

City

County

Census Tract

- (a) Percent of people over 25 years of age who at least graduated from high school
- (b) Per capita income for population near the specified location
- (c) Percent of minority population and percent of population by race within the specified location
- (d) Percent of Linguistically Isolated Households by language within the specified location
- (e) Languages commonly spoken in area by percentage
- (f) Community and/or Stakeholder Groups
- (g) Historic public interest or involvement

## Section 6. Planned Public Outreach Activities

(a) Is this application subject to the public participation requirements of Title 30 Texas Administrative Code (30 TAC) Chapter 39?

Yes      No

(b) If yes, do you intend at this time to provide public outreach other than what is required by rule?

Yes      No

If Yes, please describe.

**If you answered "yes" that this application is subject to 30 TAC Chapter 39, answering the remaining questions in Section 6 is not required.**

(c) Will you provide notice of this application in alternative languages?

Yes      No

**Please refer to Section 5. If more than 5% of the population potentially affected by your application is Limited English Proficient, then you are required to provide notice in the alternative language.**

If yes, how will you provide notice in alternative languages?

Publish in alternative language newspaper

Posted on Commissioner's Integrated Database Website

Mailed by TCEQ's Office of the Chief Clerk

Other (specify)

(d) Is there an opportunity for some type of public meeting, including after notice?

Yes      No

(e) If a public meeting is held, will a translator be provided if requested?

Yes      No

(f) Hard copies of the application will be available at the following (check all that apply):

TCEQ Regional Office

TCEQ Central Office

Public Place (specify)

## Section 7. Voluntary Submittal

For applicants voluntarily providing this Public Involvement Plan, who are not subject to formal public participation requirements.

Will you provide notice of this application, including notice in alternative languages?

Yes      No

What types of notice will be provided?

Publish in alternative language newspaper

Posted on Commissioner's Integrated Database Website

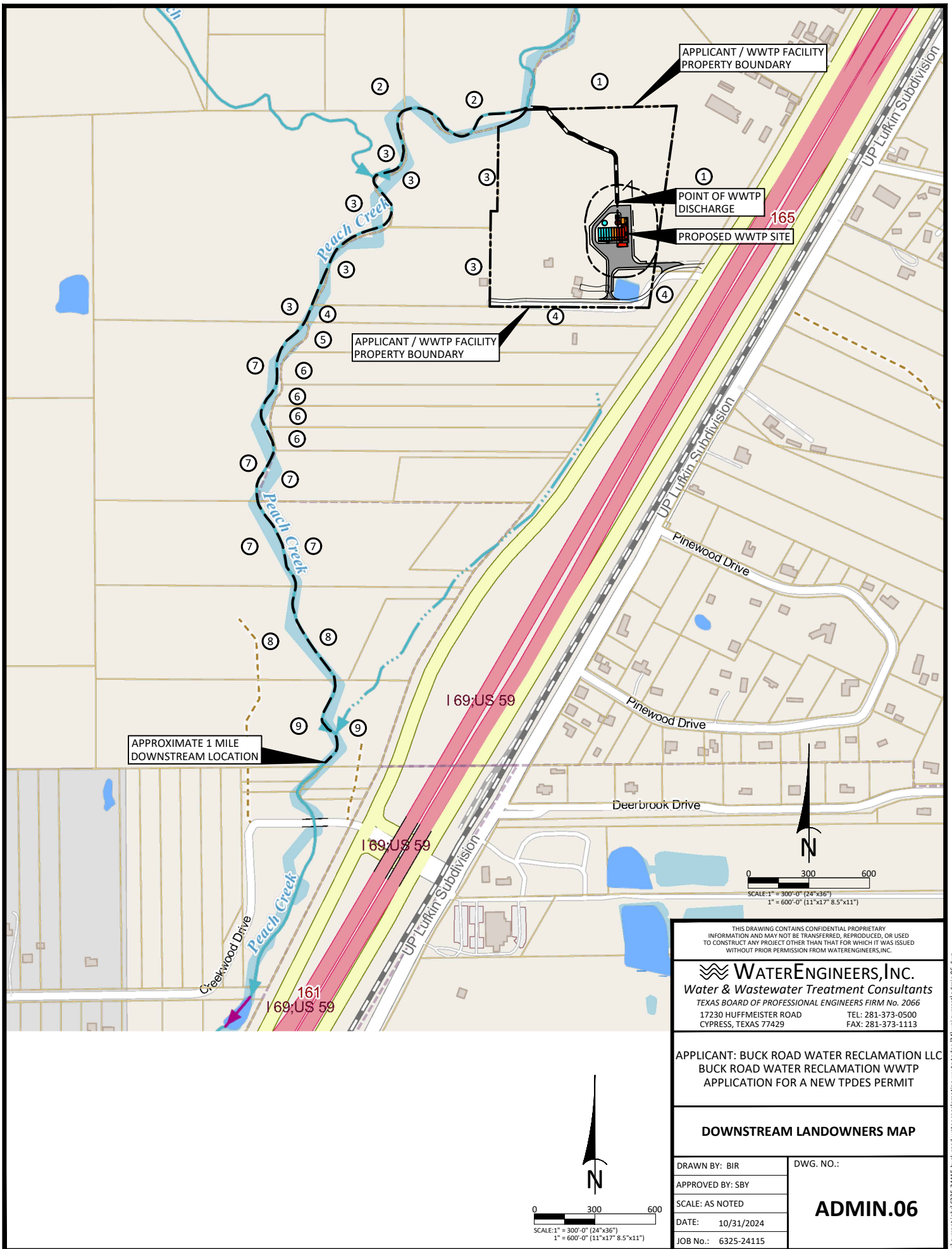
Mailed by TCEQ's Office of the Chief Clerk

Other (specify)

## **ATTACHMENT ADMIN.06**

### **Affected Landowner Map and List**

(Reference Administrative Report 1.1, Page 12, Section 1A)



APPLICANT / WWTP FACILITY  
PROPERTY BOUNDARY

POINT OF WWTP  
DISCHARGE

PROPOSED WWTP SITE

APPLICANT / WWTP FACILITY  
PROPERTY BOUNDARY

APPROXIMATE 1 MILE  
DOWNSTREAM LOCATION

0 300 600  
SCALE: 1" = 300'-0" (24"x36")  
1" = 600'-0" (11"x17" 8.5"x11")

THIS DRAWING CONTAINS CONFIDENTIAL PROPRIETARY INFORMATION AND MAY NOT BE TRANSFERRED, REPRODUCED, OR USED TO CONSTRUCT ANY PROJECT OTHER THAN THAT FOR WHICH IT WAS ISSUED WITHOUT PRIOR PERMISSION FROM WATERENGINEERS, INC.

**WATERENGINEERS, INC.**  
Water & Wastewater Treatment Consultants  
TEXAS BOARD OF PROFESSIONAL ENGINEERS FIRM No. 2066  
17230 HUFFMEISTER ROAD TEL: 281-373-0500  
CYPRESS, TEXAS 77429 FAX: 281-373-1113

APPLICANT: BUCK ROAD WATER RECLAMATION LLC  
BUCK ROAD WATER RECLAMATION WWTP  
APPLICATION FOR A NEW TPDES PERMIT

**DOWNSTREAM LANDOWNERS MAP**

DRAWN BY: BIR	DWG. NO.:  <b>ADMIN.06</b>
APPROVED BY: SBY	
SCALE: AS NOTED	
DATE: 10/31/2024	
JOB No.: 6325-24115	

0 300 600  
SCALE: 1" = 300'-0" (24"x36")  
1" = 600'-0" (11"x17" 8.5"x11")

## TABLE “ADMIN.06”

### BUCK ROAD WATER RECLAMATION LLC

#### Buck Road Water Reclamation Wastewater Treatment Plant

#### Adjacent & Downstream Land Ownership Table

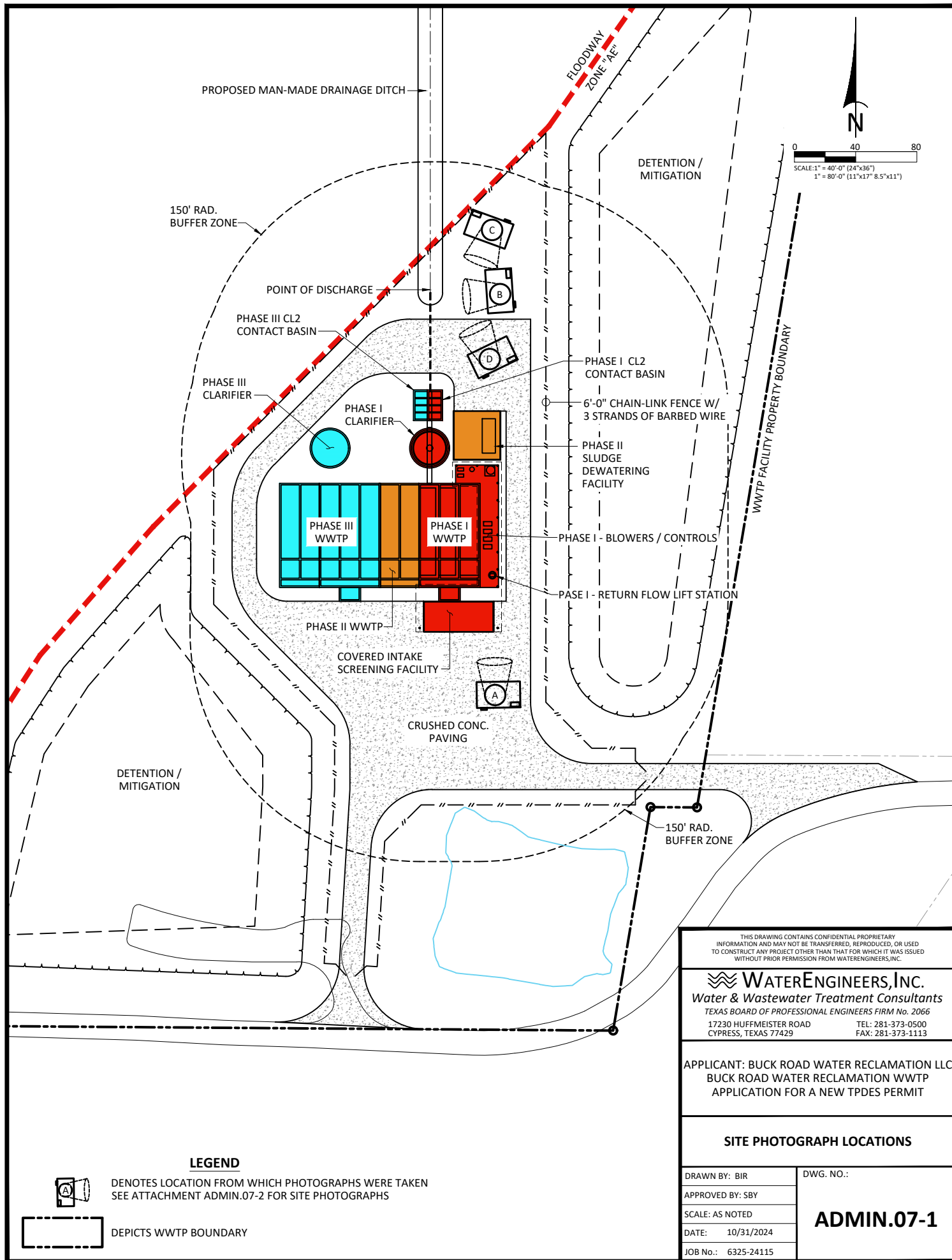
Source: Montgomery County Appraisal District

<b>ID No. (See Attachment “ADMIN.04” Map)</b>	<b>Title Owner &amp; Address</b>
<b>1</b>	<b>C &amp; J REVOCABLE TRUST</b> 700 N GRANT AVE STE 600 ODESSA TX 79761
<b>2</b>	<b>NOBLE PINE PROPERTIES LLC</b> 1309 COFFEEN AVE STE 1200 SHERIDAN WY 82801
<b>3</b>	<b>DEMETRIO AGUILLON</b> 25009 BUCK RD SPLENDORA TX 77372
<b>4</b>	<b>EDWARD VALLEJO III</b> PO BOX 1236 EL CAMPO TX 77437
<b>5</b>	<b>JUDITH A ALEXANDER &amp; SHARON L NORRIS</b> 15771 1ST ST SPLENDORA TX 77372
<b>6</b>	<b>HOUSTON 59N LLC</b> 7400 HARWIN DR STE 301 HOUSTON TX 77036
<b>7</b>	<b>TAN TAN INVESTMENTS INC</b> 8303 SOUTHWEST FWY STE 760 HOUSTON TX 77074
<b>8</b>	<b>JUAN PEREZ</b> 131 FRELS LN HOUSTON TX 77076
<b>9</b>	<b>BENJAMIN &amp; WINIFER CHENG</b> 1717 WOODSTEAD CT STE 298 SPRING TX 77380

## **ATTACHMENT ADMIN.07**

### **Photographs**

(Reference Administrative Report 1.1, Page 13, Section 2)



w:\current\jobs\6325-24115 buck road water reclamation wwtp tpdes 24\wecurrent\admin\ADMIN.07-1.dwg

PROPOSED WASTEWATER TREATMENT PLANT SITE



POINT OF DISCHARGE TO MAN-MADE DRAINAGE DITCH



\*\* SEE ADMIN.07-1 FOR LOCATION IN WHICH  
PHOTOGRAPHS WERE TAKEN

THIS DRAWING CONTAINS CONFIDENTIAL PROPRIETARY  
INFORMATION AND MAY NOT BE TRANSFERRED, REPRODUCED, OR USED  
TO CONSTRUCT ANY PROJECT OTHER THAN THAT FOR WHICH IT WAS ISSUED  
WITHOUT PRIOR PERMISSION FROM WATERENGINEERS, INC.



**WATERENGINEERS, INC.**  
*Water & Wastewater Treatment Consultants*

TEXAS BOARD OF PROFESSIONAL ENGINEERS FIRM No. 2066

17230 HUFFMEISTER ROAD  
CYPRESS, TEXAS 77429

TEL: 281-373-0500  
FAX: 281-373-1113

APPLICANT: BUCK ROAD WATER RECLAMATION LLC  
BUCK ROAD WATER RECLAMATION WWTP  
APPLICATION FOR A NEW TPDES PERMIT

**SITE PHOTOGRAPHS**

DRAWN BY: BIR

APPROVED BY: SBY

SCALE: AS NOTED

DATE: 10/30/2024

JOB No.: 6325-24115

DWG. NO.:

**ADMIN.07-2**

\\server\weei\current\p00\6325-24115\ Buck Road Water Reclamation WWTP\tpdes\24\weei\current\admin\ADMIN.07-2.dwg

UPSTREAM OF POINT OF DISCHARGE



DOWNSTREAM OF POINT OF DISCHARGE



\*\* SEE ADMIN.07-1 FOR LOCATION IN WHICH  
PHOTOGRAPHS WERE TAKEN

THIS DRAWING CONTAINS CONFIDENTIAL PROPRIETARY  
INFORMATION AND MAY NOT BE TRANSFERRED, REPRODUCED, OR USED  
TO CONSTRUCT ANY PROJECT OTHER THAN THAT FOR WHICH IT WAS ISSUED  
WITHOUT PRIOR PERMISSION FROM WATERENGINEERS, INC.

**WATERENGINEERS, INC.**  
*Water & Wastewater Treatment Consultants*  
TEXAS BOARD OF PROFESSIONAL ENGINEERS FIRM No. 2066  
17230 HUFFMEISTER ROAD TEL: 281-373-0500  
CYPRESS, TEXAS 77429 FAX: 281-373-1113

APPLICANT: BUCK ROAD WATER RECLAMATION LLC  
BUCK ROAD WATER RECLAMATION WWTP  
APPLICATION FOR A NEW TPDES PERMIT

**SITE PHOTOGRAPHS**

DRAWN BY: BIR

APPROVED BY: SBY

SCALE: AS NOTED

DATE: 10/30/2024

JOB No.: 6325-24115

DWG. NO.:

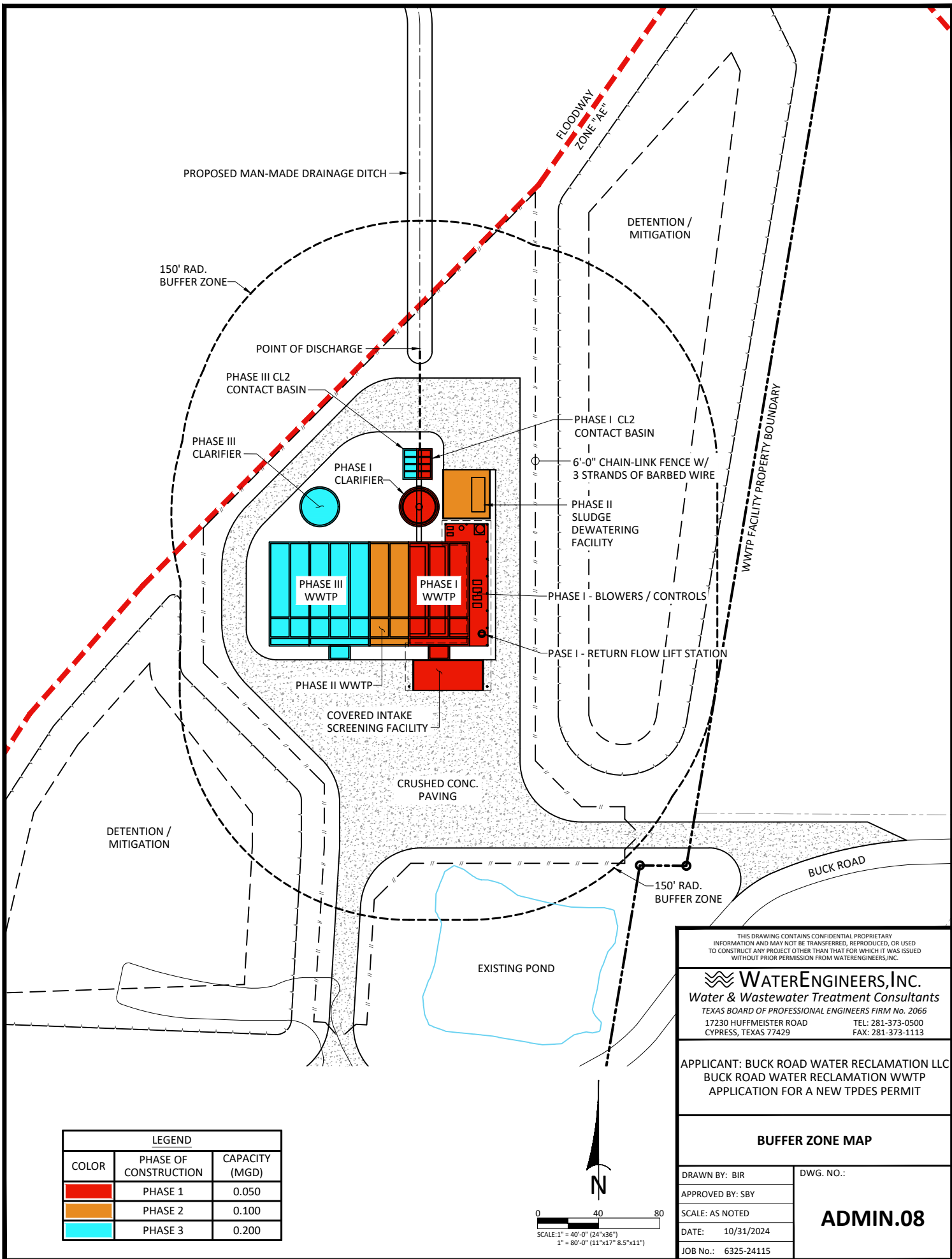
**ADMIN.07-3**

\\server1\weei\cad\current\p005\6325-24115 buck road water reclamation wwtp tpdes\24\weei current\admin\07-3.dwg

## **ATTACHMENT ADMIN.08**

### **Buffer Zone Map**

(Reference Administrative Report 1.1, Page 13, Section 3A)



LEGEND		
COLOR	PHASE OF CONSTRUCTION	CAPACITY (MGD)
Red	PHASE 1	0.050
Orange	PHASE 2	0.100
Cyan	PHASE 3	0.200

THIS DRAWING CONTAINS CONFIDENTIAL PROPRIETARY INFORMATION AND MAY NOT BE TRANSFERRED, REPRODUCED, OR USED TO CONSTRUCT ANY PROJECT OTHER THAN THAT FOR WHICH IT WAS ISSUED WITHOUT PRIOR PERMISSION FROM WATERENGINEERS, INC.

**WaterEngineers, Inc.**  
*Water & Wastewater Treatment Consultants*  
 TEXAS BOARD OF PROFESSIONAL ENGINEERS FIRM No. 2066  
 17230 HUFFMEISTER ROAD TEL: 281-373-0500  
 CYPRESS, TEXAS 77429 FAX: 281-373-1113

APPLICANT: BUCK ROAD WATER RECLAMATION LLC  
 BUCK ROAD WATER RECLAMATION WWTP  
 APPLICATION FOR A NEW TPDES PERMIT

**BUFFER ZONE MAP**

DRAWN BY: BIR	DWG. NO.:
APPROVED BY: SBY	<b>ADMIN.08</b>
SCALE: AS NOTED	
DATE: 10/31/2024	
JOB No.: 6325-24115	

w:\current\pba\6325-24115 buck road water reclamation wwtp\pdes 724\wecurrent\admin\08.dwg

**ATTACHMENT ADMIN.09**

**Supplemental Permit Information Form (SPIF)  
Including USGS Map & Site Plan**

(Reference Administrative Report 1.0, Page 14)

# 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](mailto:WQ-ARPTeam@tceq.texas.gov) or by phone at (512) 239-4671.

The following applies to all applications:

1. Permittee: Buck Road Water Reclamation LLC

Permit No. WQ00 Proposed

EPA ID No. TX

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

25111 Buck Road, Splendora, TX 77372 in Montgomery County.

Provide the name, address, phone and fax number of an individual that can be contacted to answer specific questions about the property.

Prefix (Mr., Ms., Miss): Mr.

First and Last Name: Daniel Bark

Credential (P.E, P.G., Ph.D., etc.):

Title: Owner

Mailing Address: 17310 Payne Road

City, State, Zip Code: Conroe, TX 77302

Phone No.: 281-622-0399 Ext.:

Fax No.:

E-mail Address: dan@alittle2late.com

2. List the county in which the facility is located: Montgomery
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.

From the WWTP, through an effluent pipeline, thence to a man-made drainage ditch, thence to Peach Creek in Segment No. 1011 of the San Jacinto River Basin.

5. Please provide a separate 7.5-minute USGS quadrangle map with the project boundaries plotted and a general location map showing the project area. Please highlight the discharge route from the point of discharge for a distance of one mile downstream. (This map is required in addition to the map in the administrative report).

Provide original photographs of any structures 50 years or older on the property.

Does your project involve any of the following? Check all that apply.

- ☒ Proposed access roads, utility lines, construction easements
- ☐ Visual effects that could damage or detract from a historic property's integrity
- ☐ Vibration effects during construction or as a result of project design
- ☒ Additional phases of development that are planned for the future
- ☐ Sealing caves, fractures, sinkholes, other karst features

☐ Disturbance of vegetation or wetlands

1. List proposed construction impact (surface acres to be impacted, depth of excavation, sealing of caves, or other karst features):

The WWTP Site will comprise of approximately 1 acre and include clearing, grubbing and some excavation less than 10 feet.

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

The land designated for the WWTP Site is currently vacant and unused.

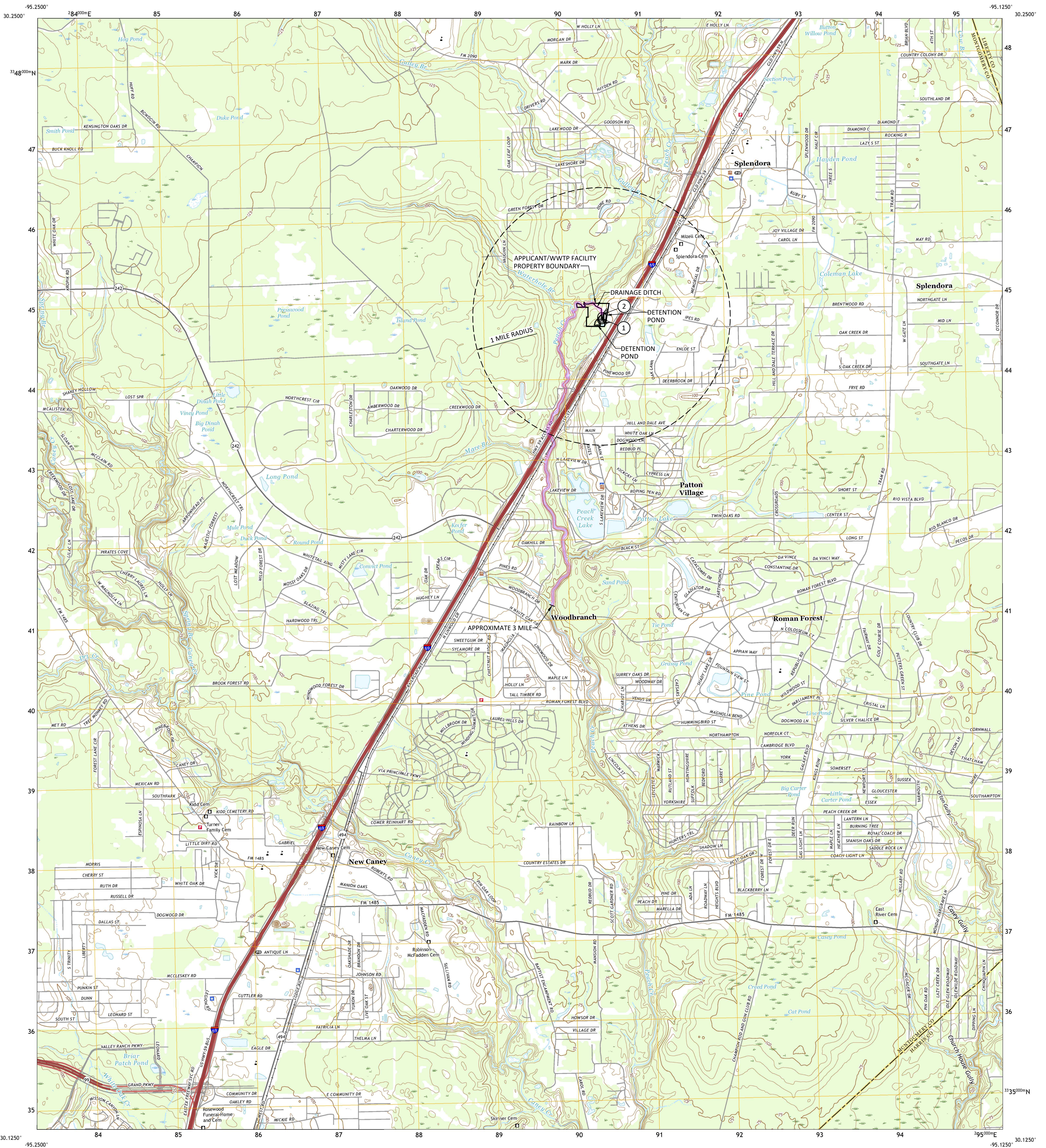
THE FOLLOWING ITEMS APPLY ONLY TO APPLICATIONS FOR NEW TPDES PERMITS AND MAJOR AMENDMENTS TO TPDES PERMITS

3. List construction dates of all buildings and structures on the property:

The land designated for the WWTP Site is currently vacant and unused.

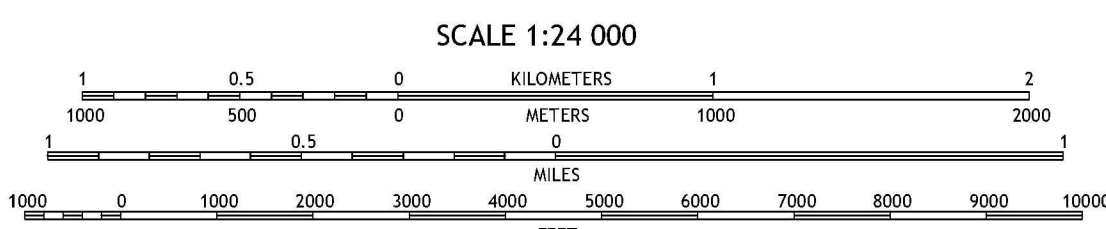
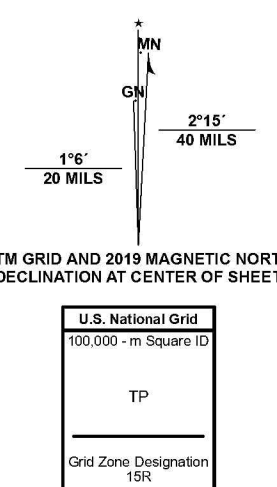
4. Provide a brief history of the property, and name of the architect/builder, if known.

The land designated for the WWTP Site is currently vacant and unused.

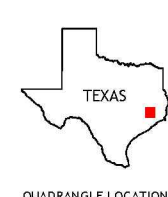


Produced by the United States Geological Survey  
North American Datum of 1983 (NAD83)  
World Geodetic System of 1984 (WGS84). Projection and  
1 000-meter grid/Universal Transverse Mercator, Zone 15R.  
This map is not a legal document. Boundaries may be  
generalized for this map scale. Private lands within government  
reservations may not be shown. Obtain permission before  
entering private lands.

Imagery.....NAIP, September 2016 - November 2016  
Roads.....U.S. Census Bureau, 2015  
Names.....GNS, 1979 - 2021  
Hydrography.....National Hydrography Dataset, 2001 - 2018  
Contours.....National Elevation Dataset, 2010  
Boundaries.....Multiple sources; see metadata file 2019 - 2021  
Wetlands.....FWS National Wetlands Inventory Not Available



CONTOUR INTERVAL 5 FEET  
NORTH AMERICAN VERTICAL DATUM OF 1988  
This map was produced to conform with the  
National Geospatial Program US Topo Product Standard.



1	2	3
4	5	6
7	8	9

1 Cut And Shoot  
2 Fortoria  
3 Cleveland  
4 Outlaw Pond  
5 Plum Grove  
6 Nandan  
7 Moonshine Hill  
8 Huffman

ROAD CLASSIFICATION	
Expressway	Local Connector
Secondary Hwy	Local Road
Ramp	4WD
Interstate Route	US Route
	State Route

**SPLENDORA, TX**  
2022

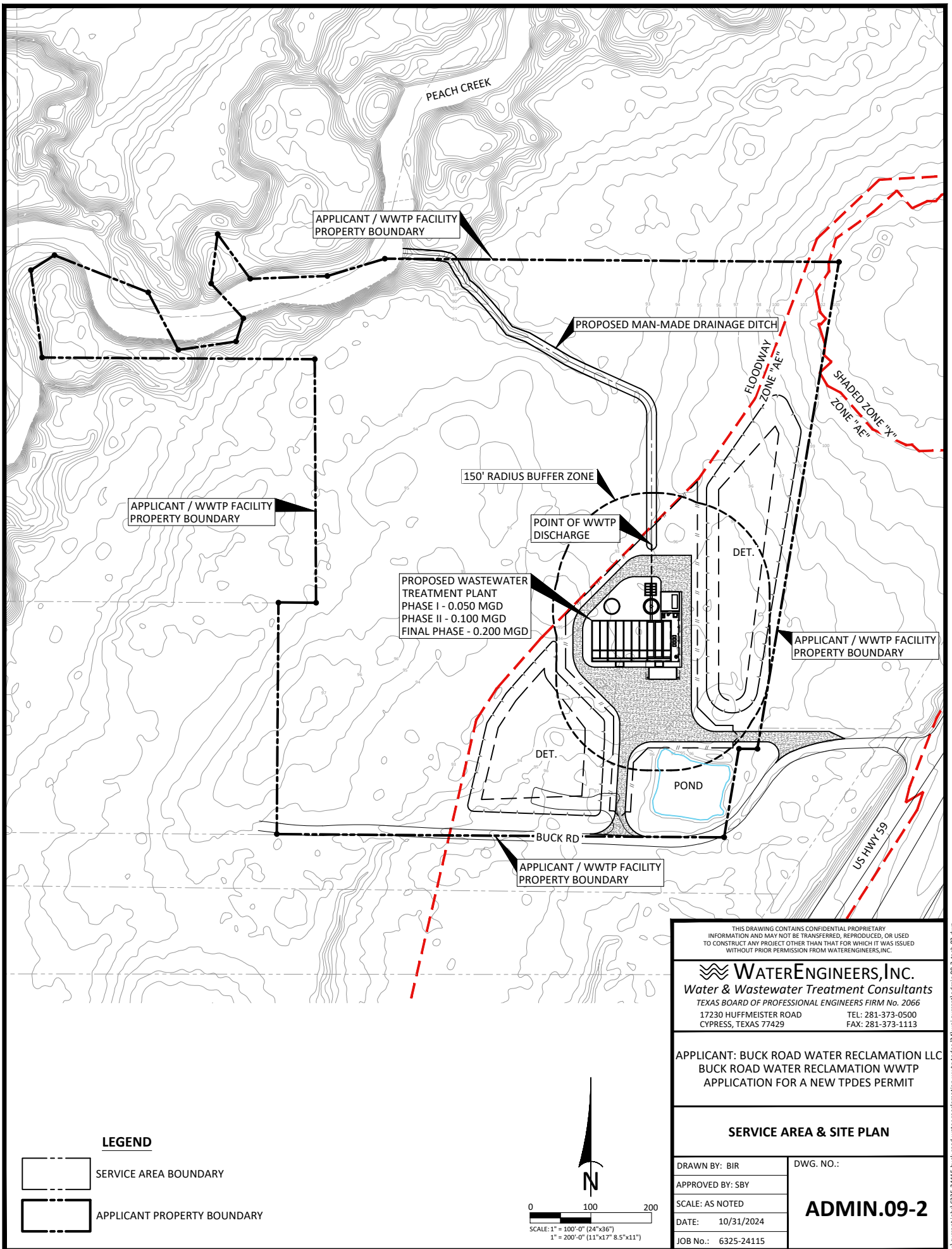
LEGEND	
1	APPLICANT'S WASTEWATER TREATMENT PLANT
2	POINT OF DISCHARGE

**WATERENGINEERS, INC.**  
Water & Wastewater Treatment Consultants  
TEXAS BOARD OF PROFESSIONAL ENGINEERS (P.E.) No. 206  
17230 HUFFMASTER ROAD  
SPLENDORA, TEXAS 77459  
TEL: 281-373-0500  
FAX: 281-373-1111

APPLICANT: BUCK ROAD WATER RECLAMATION LLC  
BUCK ROAD WATER RECLAMATION WWTP  
APPLICATION FOR A NEW TPDES PERMIT

USGS MAP  
DRAWN BY: BIR  
APPROVED BY: SBY  
SCALE: AS NOTED  
DATE: 10/29/2024  
JOB NO.: 4325-24115

ADMIN-09-1



# **ATTACHMENT TECH.01**

## **Design & Loading Criteria Table**

### **And Design Features for Reliability**

(Reference Technical Report Page 21, Section 4)

**PROCESS DESIGN & LOADING CALCULATIONS (FINE AIR)**  
**BUCK ROAD WATER RECLAMATION WWTP**

INFLUENT CONDITIONS				
		Phase I	Phase II	Final Phase
Average Daily Flow	gpd	50,000	100,000	200,000
Ratio Average / Peak Flow	Q	2.5	2.5	2.5
Peak 2-Hour Flow	gpd	125,000	250,000	500,000
Peak 2-Hour Flow	gpm	87	174	347
BOD Concentration	mg/l	750	750	750
BOD Loading	lb/day	313	626	1,251

FLOW EQUALIZATION(S)				
		Phase I	Phase II	Final Phase
Tank Wall Height	ft	12	12	12
Tank SWD	ft	10.5	10.5	10.5
Tank Freeboard	ft	1.5	1.5	1.5
QTY of Tanks		3	5	10
Surface Area of Each Tank	sq. ft.	144	144	144
Total Surface Area	sq. ft.	432	720	1,440
Total Volume	cu. ft.	4,536	7,560	15,120
Total Volume	gallons	33,929	56,549	113,098
Detention	hours	16.3	13.6	13.6
BOD Loading	cu ft. / lbs BOD.	14.50	12.09	12.09
Air Supply Rate (30 scfm/1000 cu ft)	scfm	136	227	454
% of Average Daily Flow in Selector Basin		68%	57%	57%

AERATION BASIN(S)				
		Phase I	Phase II	Final Phase
Tank Wall Height	ft	12	12	12
Tank SWD	ft	10.5	10.5	10.5
Tank Freeboard	ft	1.5	1.5	1.5
QTY of Tanks		2	3	6
Surface Area of Each Tank	sq. ft.	576	576	576
Total Aeration Surface Area	sq. ft.	1,152	1,728	3,456
Total Aeration Volume	cu. ft.	12,096	18,144	36,288
Total Aeration Volume	gallons	90,478	135,717	271,434
BOD Loading	lbs / 1000 cu. ft.	25.86	34.47	34.47
Detention Time	hours	43.4	32.6	32.6
O2 Req'd @ 2.2 # O2/lb BOD	lbs / day	688	1,376	2,752
Diffuser CW Efficiency @ Field Conditions	% / ft sub.	1.70%	1.70%	1.70%
Diffuser Field Submergence	ft	9.75	9.75	9.75
Diffuser CW Transfer Eff.		16.6%	16.6%	16.6%
Correction Factor (Fine Bubble)		0.45	0.45	0.45
Diffuser Field Transfer Eff. (WOTE)		7.5%	7.5%	7.5%
Process Required Air Flow Rate (RAF)	scfm	371	743	1,485
Mixing Air @ 20 scfm/1000 cu ft	scfm	242	363	726
Chosen Air Supply Rate	scfm	371	743	1,485
Temperature Correction Factor (30F)		1.27	1.27	1.27
Temperature Corrected Air Flow Rate	scfm	471	942	1,883
No. diffusers		42	42	42
Air Flow per Diffuser	scfm	11	22	45
Air Supply	scfm / 1000 cu. ft.	39	52	52
RAS Airlift Air, scfm	scfm	19	19	38
WAS Airlift Air, scfm	scfm	10	15	20

CLARIFIER(S)				
		Phase I	Phase II	Final Phase
Clarifier Diameter	ft	24	24	24
Tank Wall Height	ft	12	12	12
SWD		9.50	9.50	9.50
Tank Freeboard	ft	2.50	2.5	2.5
QTY of Tanks		1	1	2
Surface Area of Each Tank	sq. ft.	452	452	452
Total Surface Area	sq. ft.	452	452	905
Total Volume	cu. ft.	4,298	4,298	8,595
Total Volume	gallons	32,147	32,147	64,294
Avg. SOR	gpd / sq. ft.	111	221	442
Peak SOR	gpd / sq. ft.	276	553	553
Avg. Detention	hours	15.4	7.7	7.7
Peak Detention	hours	6.17	3.09	3.09
Max Qr @ 400 gpd/sf	gpm	126	126	251
Max Qr @ 400 gpd/sf	gpd	180,956	180,956	361,911
Max Qp + Qr	gpd	305,956	430,956	861,911

CHLORINE CONTACT BASIN(S)				
		Phase I	Phase II	Final Phase
Tank Wall Height	ft	12	12	12
Basin SWD	ft	8	8	8
Tank Freeboard	ft	4	4	4
QTY of Tanks		1	1	2
Surface Area of Each Tank	sq. ft.	128	128	128
Total Surface Area	sq. ft.	128	128	256
Total Volume	cu. ft.	1,024	1,024	2,048
Total Volume	gallons	7,660	7,660	15,319
Detention @ Qp	minutes	88.2	44.1	44.1
Air Supply Rate (20 scfm/1000 cu ft)	scfm	20	20	41

AEROBIC DIGESTER BASIN(S)				
		Phase I	Phase II	Final Phase
Tank Wall Height	ft	12	12	12
Tank SWD	ft	10.5	10.5	10.5
Tank Freeboard	ft	1.5	1.5	1.5
QTY of Tanks		1	2	4
Surface Area of Each Tank	sq. ft.	576	576	576
Total Surface Area	sq. ft.	576	1,152	2,304
Total Volume	cu. ft.	6,048	12,096	24,192
Total Volume	gallons	45,239	90,478	180,956
BOD Loading	cu. ft. / lb BOD	19.34	19.34	19.34
Air Supply Rate (20 scfm/1000 cu ft)	scfm	121	242	484

AIR BLOWERS				
		Phase I	Phase II	Final Phase
Selector Basin Mixing Air Supply	scfm	136	227	454
Aeration Basin Air Supply	scfm	471	942	1,883
RAS Airlift Air Supply	scfm	19	19	38
WAS Airlift Air Supply	scfm	10	15	20
Chlorine Contact Basin Air Supply	scfm	20	20	41
Aerobic Digester Basin Air Supply	scfm	121	242	484
Total Required Air Supply	scfm	777	1,465	2,919
No. of Blowers		2	3	5
Capacity of Each Blower w/ 1 Out of Service	scfm	777	732	730
Chosen Blower Capacity (Each)	scfm	800	800	800
Blower Op Pressure	psi	5.72	5.72	5.72

## **DESIGN FEATURES FOR RELIABILITY**

The Buck Road Water Reclamation Wastewater Treatment Plant will be designed to provide a high degree of mechanical reliability consistent with TCEQ Design Criteria. The following describe design features that will be incorporated at the facilities to prevent bypassing or overflows of untreated wastewater:

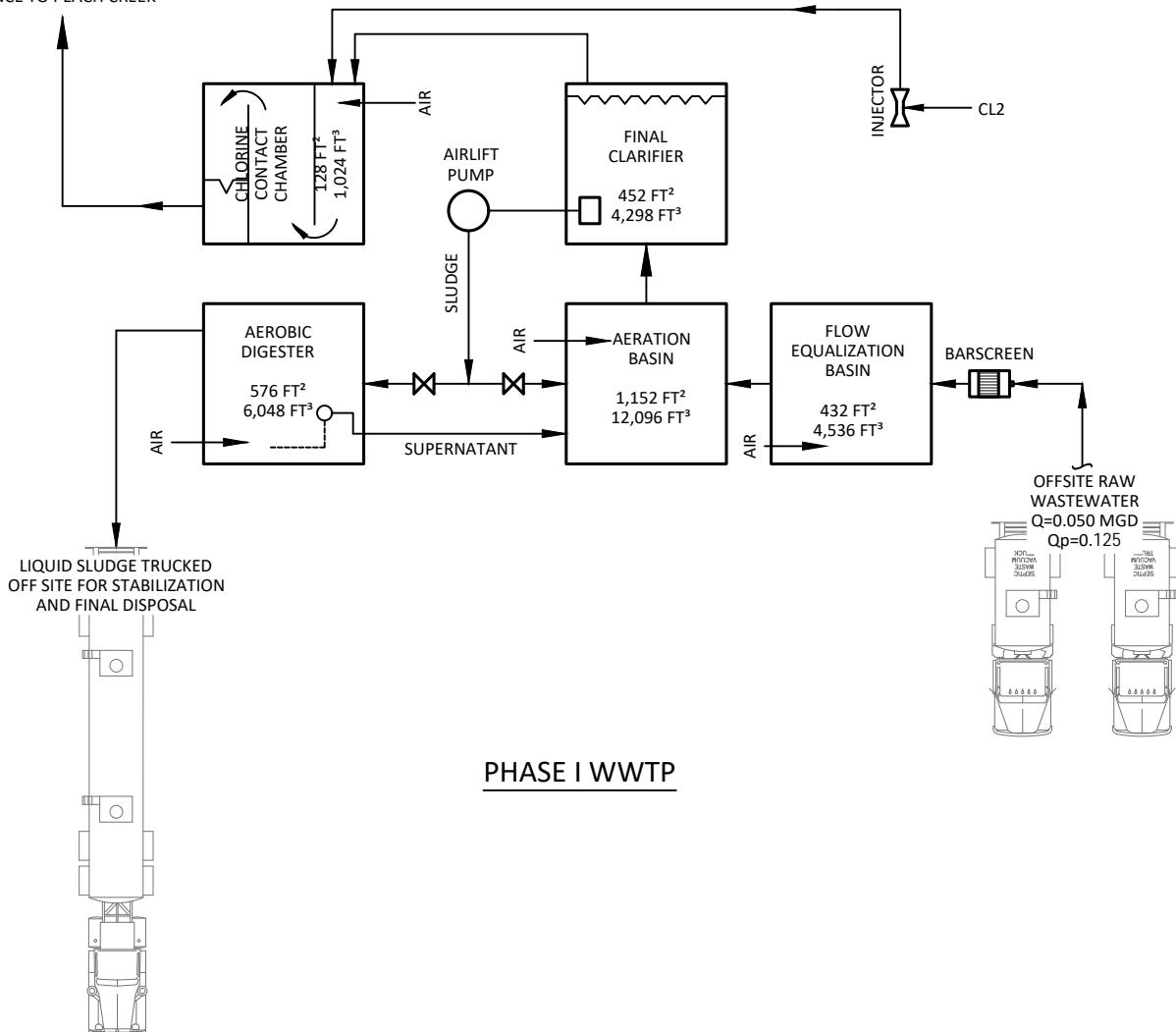
- A. No infiltration/inflow is anticipated since the collection system will be new and not subject to the effects of age and deterioration at this time.
- B. The electrical service that will serve the Buck Road Reclamation site is reliable with most outages lasting less than 2-4 hours. In the event of a power outage, no wastewater will be allowed to enter the plant, therefore there will be no effluent discharged.
- C. All mechanical units, such as influent pumps, blowers and chemical feed pumps will be installed with spare units in the event a piece of equipment is out of service for repairs.
- D. Plant units will be maintained per TCEQ standards and repaired as quickly as possible should failure occur.
- E. The facilities will include an auto-dialer that will call the operator in case of power outages, blower malfunctions, lift station malfunctions or high-water alarm situations.

## **ATTACHMENT TECH.02**

### **Process Flow Diagram**

(Reference Technical Report Page 2, Question 2C)

DISCHARGE PIPE TO  
MAN-MADE DRAINAGE DITCH  
THENCE TO PEACH CREEK



## PHASE I WWTTP

THIS DRAWING CONTAINS CONFIDENTIAL PROPRIETARY  
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**WaterEngineers, Inc.**

*Water & Wastewater Treatment Consultants*

TEXAS BOARD OF PROFESSIONAL ENGINEERS FIRM No. 2066

17230 HUFFMEISTER ROAD

CYPRESS, TEXAS 77429

TEL: 281-373-0500

FAX: 281-373-1113

APPLICANT: BUCK ROAD WATER RECLAMATION LLC  
BUCK ROAD WATER RECLAMATION WWTP  
APPLICATION FOR A NEW TPDES PERMIT

### FLOW SCHEMATIC

DRAWN BY: BIR

APPROVED BY: SBY

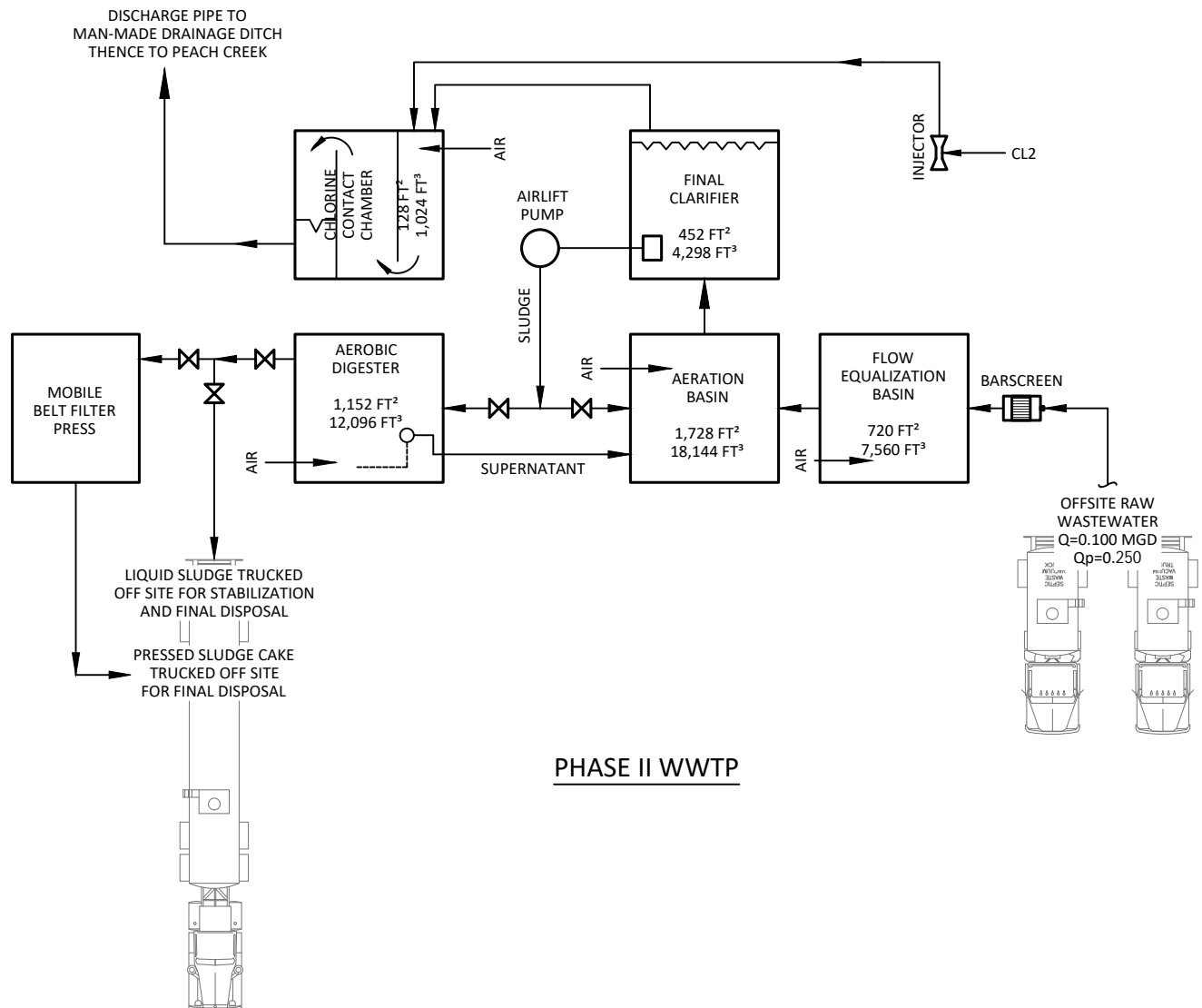
SCALE: AS NOTED

DATE: 10/31/2024

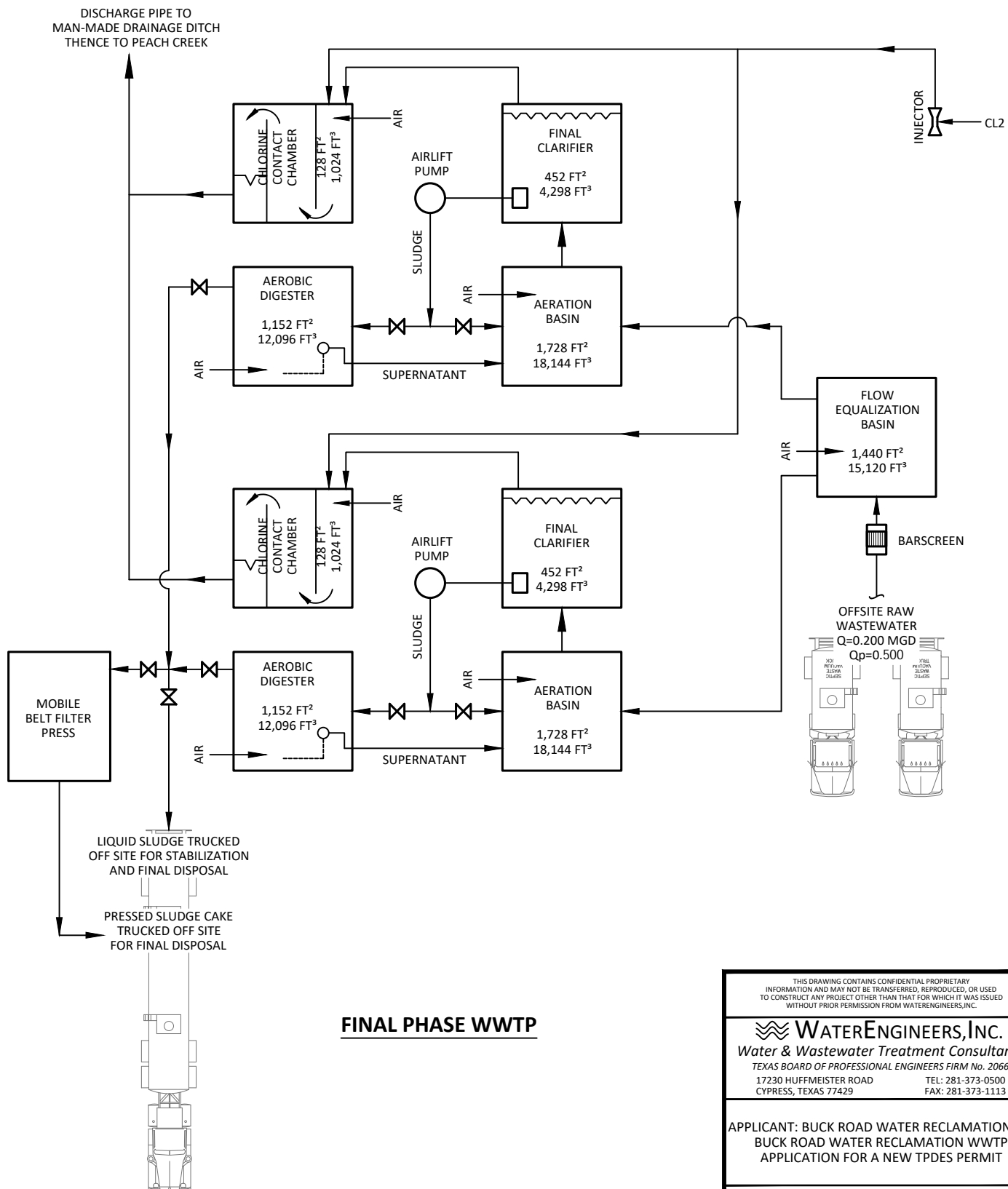
JOB No.: 6325-24115

DWG. NO.:

**TECH.02-1**



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<b>WaterENGINEERS, Inc.</b> <i>Water &amp; Wastewater Treatment Consultants</i> TEXAS BOARD OF PROFESSIONAL ENGINEERS FIRM No. 2066 17230 HUFFMEISTER ROAD TEL: 281-373-0500 CYPRESS, TEXAS 77429 FAX: 281-373-1113	
APPLICANT: BUCK ROAD WATER RECLAMATION LLC BUCK ROAD WATER RECLAMATION WWTP APPLICATION FOR A NEW TPDES PERMIT	
<b>FLOW SCHEMATIC</b>	
DRAWN BY: BIR APPROVED BY: SBY SCALE: AS NOTED DATE: 10/31/2024 JOB No.: 6325-24115	DWG. NO.:  <b>TECH.02-2</b>



## FINAL PHASE WWTP

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<b>WATERENGINEERS, INC.</b> Water & Wastewater Treatment Consultants TEXAS BOARD OF PROFESSIONAL ENGINEERS FIRM No. 2066 17230 HUFFMEISTER ROAD TEL: 281-373-0500 CYPRESS, TEXAS 77429 FAX: 281-373-1113	
APPLICANT: BUCK ROAD WATER RECLAMATION LLC BUCK ROAD WATER RECLAMATION WWTP APPLICATION FOR A NEW TPDES PERMIT	
<b>FLOW SCHEMATIC</b>	
DRAWN BY: BIR APPROVED BY: SBY SCALE: AS NOTED DATE: 10/31/2024 JOB No.: 6325-24115	DWG. NO.:  <b>TECH.02-3</b>

## **ATTACHMENT TECH.03**

### **Site Drawing**

(Reference Technical Report Page 3, Question 3)

### **(Including Wind Rose)**

(Reference Technical Report Page 22, Question 5B)



## **ATTACHMENT TECH.04**

### **Solids Management Plan**

(Reference Technical Report Page 22, Question 7)

**ATTACHMENT TECH.04**  
**SLUDGE MANAGEMENT PLAN**

**1. Type of Wastewater Treatment Process Used**

The Buck Road Water Reclamation Wastewater Treatment Plant (WWTP) will use the activated sludge with nitrification process. Solids analyses have been made based upon a spreadsheet calculation set up using sludge kinetic calculations developed by Dr. Ross McKinney and published in Notes on Activated Sludge, 1971, by Brian L. Goodman. Tables TECH.04-01, TECH.04-02 & TECH.04-03 show the process design and sludge generation calculations for the design flow of 50,000 gpd, 100,000 gpd & 200,000 gpd respectively.

**2. Dimensions and Capacities**

Phase I of the treatment facility will have a single digester which will provide for a volume of 6,048 cu. ft., surface area of 576 sq. ft. and a 10.5 ft. side water depth a total design flow loading of 19.34 cu. ft./lb BOD.

Phase II of the treatment facility will have two digester basins which will provide for a volume of 12,096 cu. ft., surface area of 1,152 sq. ft. and a 10.5 ft. side water depth a total design flow loading of 19.34 cu. ft./lb BOD.

Final Phase of the treatment facility will have four digesters which will provide for a volume of 24,192 cu. ft., surface area of 2,304 sq. ft. and a 10.5 ft. side water depth a total design flow loading of 19.34 cu. ft./lb BOD.

**3. Sludge Generation Calculations**

Sludge generation calculations showing the amount of solids generated at 100%, 75%, 50% and 25% of design flows are included in Attachment TECH.04-01, TECH.04-02 & TECH.04-03. These are the solids that must be wasted from the activated sludge process and that must be stabilized in the aerobic digester. The results are summarized in the following table:

Phase	Solids @ 100% Qavg, lb/day	Solids @ 75% Qavg, lb/day	Solids @ 50% Qavg, lb/day	Solids @ 25% Qavg, lb/day
Phase I	329	246	164	82
Phase II	657	493	329	164
Final	1,314	986	657	329

**4. Operating Range of Mixed Liquor Suspended Solids**

The calculations that predict the mixed liquor suspended solids in the activated sludge process are located in the following table:

Phase	Predicted Solids @100% Flow		Predicted Solids @75% Flow		Predicted Solids @50% Flow		Predicted Solids @25% Flow	
	sludge age, days	MLSS mg/l	sludge age, days	MLSS mg/l	sludge age, days	MLSS mg/l	sludge age, days	MLSS mg/l
Phase I	8	3,515	11	3,626	16	3,516	32	3,517
Phase II	6	3,515	8	3,515	12	3,516	24	3,517
Final	8	3,515	11	3,626	16	3,516	32	3,517

## 5. Solids Removal Procedures

The removal of waste activated sludge from the activated sludge process is achieved by wasting sludge from the bottom of the clarifier into the aerobic digester using the waste sludge airlift pump. In order to thicken solids prior to putting them into the digester, the air lift is turned off for approximately one hour prior to wasting. Periodically (two to three times a week) the air supply to the aerobic digester is shut off, allowing solids to settle to the bottom of the digester. Then the supernatant liquor is decanted with an adjustable decant airlift pump and returned to the aeration basin. After a sufficient period of digestion and/or the digester is full, sludge is removed from the digester by a vacuum truck by hooking the truck hose to the piping connection and opening the shut off valve (Phase I). In Phase II and Final Phase, sludge that is removed from the digester will be taken to a proposed on-site filter press to be dewatered into a sludge cake and the residual water will be returned to the head of the WWTP.

## 6. Quantity of Solids to Be Removed and Solids Removal Schedule

The quantity of solids to be removed at the various plant loadings are presented in the following table. These quantities shown in the tabulation are *monthly* quantities based upon an influent BOD of 750 mg/l and TSS of 1,000 mg/l. If the strength of the influent wastewater varies significantly, solids removal quantities will be different.

Phase	@ 100 % Flow Capacity		@ 75 % Flow Capacity		@ 50 % Flow Capacity		@ 25 % Flow Capacity	
	% Solids	Gal/ Month	% Solids	Gal/ Month	% Solids	Gal/ Month	% Solids	Gal/ Month
Phase I	2.0	51,167	2.0	38,391	2.0	25,588	2.0	12,795
Phase II	2.0	101,801	2.0	76,360	2.0	50,913	2.0	25,495
Final	2.0	203,603	2.0	152,720	2.0	101,825	2.0	50,919

## 7. Identification of Disposal Site

The disposal of sludge from the WWTP is contracted to sludge management and disposal contractor who transports liquid sludge from the digester to other wastewater treatment facilities for further processing or to land application after stabilization (Phase I). Phase II and Final Phase will produce a dewatered sludge cake which will be stabilized then hauled by a certified hauling contractor and be delivered to a certified facility for land application. Solids documentation is assured by measuring the volume of each sludge withdrawal and measuring the sludge solids concentrations. All required data is included in the annual sludge report to the TCEQ.

**PROCESS DESIGN & LOADING CALCULATIONS (FINE AIR)**  
**BUCK ROAD WATER RECLAMATION WWTP**  
**PHASE I**

**INFLUENT CONDITIONS**

<b>Design Flow Rate, mgd</b>	<b>0.050</b>	<b>Aeration Vol, cu ft</b>	<b>12,096</b>
Infl. BOD, mg/l	750	Clarifier Diameter, ft	<b>24</b>
Infl. TSS, mg/l	1000	Clarifier Side Wall Depth, ft	<b>9.50</b>
Infl. VSS, mg/l	800	Total Clarifier Surface Area, sq f	452
BOD Loading, lb/day	313	Total Clarifier Volume, cu ft	4,298
BOD Load, #/1000 cu ft	25.86	<b>Temperature, deg C</b>	<b>20</b>

<b>Actual Plant Loading, %</b>	<b>100%</b>	<b>75.0%</b>	<b>50%</b>	<b>25.0%</b>
Actual Flow Rate, mgd	0.050	0.038	0.025	0.013
BOD Loading, #/Day	313	235	156	78
<b>Ret. Sludge Rate, gpd/sq ft</b>	<b>400</b>	<b>400</b>	<b>400</b>	<b>400</b>
Ret. Sludge Flow, mgd	0.18	0.18	0.18	0.18
t = Aeration Time, days	1.810	2.413	3.619	7.238
<b>ts = Sludge Age, Days</b>	<b>8.0</b>	<b>11.0</b>	<b>16.0</b>	<b>32.0</b>
Km = BOD Removal Metabolic Factor	360	360	360	360
Ks = Synthesis Factor	250	250	250	250
Ke = Endogenous Metabolism Factor	0.30	0.22	0.15	0.08
F = Effl Soluble BOD	1.15	0.86	0.58	0.29
Ma = Active Mass	676	698	677	677
Me = Endogenous Mass	389	402	390	390
Mi = Inert Organic Mass	1,238	1,277	1,238	1,238
Mii = Inert Inorganic Mass	1,212	1,250	1,212	1,212
<b>Mt = Total Mass, mg/l</b>	<b>3,515</b>	<b>3,626</b>	<b>3,516</b>	<b>3,517</b>
Total Mass in Aeration Basin, lb	2,653	2,736	2,653	2,654
Lb BOD/Lb MLSS/Day	0.118	0.086	0.059	0.029
Effl TSS, mg/l	7	7	7	7
Effl BOD, mg/l	2	2	1	1
Sludge Accumulation, lb/day	332	249	166	83
TSS Lost In Effluent, lb/day	3	2	1	1
<b>Waste Sludge, lb/day</b>	<b>329</b>	<b>246</b>	<b>164</b>	<b>82</b>
Return Sludge Conc, mg/l	4,487	4,377	4,002	3,760
Waste Sludge Conc, mg/l	10,000	10,000	10,000	10,000
Waste Sludge Flow, gpd	3,941	2,955	1,971	986

**SLUDGE HOLDING TANK**

<b>Volume, cu ft</b>	<b>6,048</b>			
Design Loading, cu ft/lb BOD	19.34	25.78	38.68	77.35
Incoming Sludge Conc, mg/l	10,000	10,000	10,000	10,000
Thick Sludge Conc, mg/l	20,000	20,000	20,000	20,000
Detention, Days	22.96	30.62	45.91	91.81
Infl Total Solids, lb/day	329	246	164	82
Infl Active Mass, lb/day	63	47	32	16
Effl Active Mass, lb/day	8	6	4	2
Active Mass Red., lb/day	44	33	22	11
Digester Effl Solids, lb/day	284	213	142	71
Sludge Disposed, lb/mg	5,690	5,692	5,691	5,691
Sludge Disposed, tons/mg	2.84	2.85	2.85	2.85
Sludge Hauled, gal/day	1,706	1,280	853	427
<b>Sludge Hauled, gal/month</b>	<b>51,167</b>	<b>38,391</b>	<b>25,588</b>	<b>12,795</b>

**DEWATERED SLUDGE**

Thickened Sludge Conc., mg/l	20,000	20,000	20,000	20,000
Dewatered Solids, mg/l	200,000	200,000	200,000	200,000
Sludge Accumulation, lb/day	332	249	166	83
TSS Lost In Effluent, lb/day	2.93	2.27	1.47	0.73
Waste Sludge from Process, lb/day	329	246	164	82
Waste Sludge Trucked In, gallons/day	50,000	37,500	25,000	12,500
Trucked in Concentration, mg/l	20,000	20,000	20,000	20,000
Waste Sludge Trucked in, lb/day	8,340	6,255	4,170	2,085
Total Waste Sludge, lb/day	8,669	6,501	4,334	2,167
Dewatered Sludge Produced, cy/day	20.58	15.44	10.29	5.15
Dewatered Sludge Produced, cy/mon	626	469	313	157

**PROCESS DESIGN & LOADING CALCULATIONS (FINE AIR)**  
**BUCK ROAD WATER RECLAMATION WWTP**  
**PHASE II**

**INFLUENT CONDITIONS**

<b>Design Flow Rate, mgd</b>	<b>0.100</b>	<b>Aeration Vol, cu ft</b>	<b>18,144</b>
Infl. BOD, mg/l	750	Clarifier Diameter, ft	<b>24</b>
Infl. TSS, mg/l	1000	Clarifier Side Wall Depth, ft	<b>9.50</b>
Infl. VSS, mg/l	800	Total Clarifier Surface Area, sq f	452
BOD Loading, lb/day	626	Total Clarifier Volume, cu ft	4,298
BOD Load, #/1000 cu ft	34.47	<b>Temperature, deg C</b>	<b>20</b>

<b>Actual Plant Loading, %</b>	<b>100%</b>	<b>75.0%</b>	<b>50%</b>	<b>25.0%</b>
Actual Flow Rate, mgd	0.100	0.075	0.050	0.025
BOD Loading, #/Day	626	469	313	156
<b>Ret. Sludge Rate, gpd/sq ft</b>	<b>400</b>	<b>400</b>	<b>400</b>	<b>400</b>
Ret. Sludge Flow, mgd	0.18	0.18	0.18	0.18
t = Aeration Time, days	1.357	1.810	2.714	5.429
<b>ts = Sludge Age, Days</b>	<b>6.0</b>	<b>8.0</b>	<b>12.0</b>	<b>24.0</b>
Km = BOD Removal Metabolic Factor	360	360	360	360
Ks = Synthesis Factor	250	250	250	250
Ke = Endogenous Metabolism Factor	0.40	0.30	0.20	0.10
F = Effl Soluble BOD	1.53	1.15	0.77	0.38
Ma = Active Mass	676	676	677	677
Me = Endogenous Mass	389	389	390	390
Mi = Inert Organic Mass	1,238	1,238	1,238	1,238
Mii = Inert Inorganic Mass	1,212	1,212	1,212	1,212
<b>Mt = Total Mass, mg/l</b>	<b>3,515</b>	<b>3,515</b>	<b>3,516</b>	<b>3,517</b>
Total Mass in Aeration Basin, lb	3,978	3,979	3,980	3,980
Lb BOD/Lb MLSS/Day	0.157	0.118	0.079	0.039
Effl TSS, mg/l	7	7	7	7
Effl BOD, mg/l	2	2	2	1
Sludge Accumulation, lb/day	663	497	332	166
TSS Lost In Effluent, lb/day	6	4	3	1
<b>Waste Sludge, lb/day</b>	<b>657</b>	<b>493</b>	<b>329</b>	<b>164</b>
Return Sludge Conc, mg/l	5,457	4,972	4,487	4,002
Waste Sludge Conc, mg/l	10,000	10,000	10,000	10,000
Waste Sludge Flow, gpd	7,880	5,911	3,941	1,971

**SLUDGE HOLDING TANK**

<b>Volume, cu ft</b>	<b>12,096</b>			
Design Loading, cu ft/lb BOD	19.34	25.78	38.68	77.35
Incoming Sludge Conc, mg/l	10,000	10,000	10,000	10,000
Thick Sludge Conc, mg/l	20,000	20,000	20,000	20,000
Detention, Days	22.96	30.61	45.91	91.81
Infl Total Solids, lb/day	657	493	329	164
Infl Active Mass, lb/day	126	95	63	32
Effl Active Mass, lb/Day	12	9	6	3
Active Mass Red., lb/day	91	68	46	23
Digester Effl Solids, lb/day	566	425	283	142
Sludge Disposed, lb/mg	5,660	5,661	5,661	5,662
Sludge Disposed, tons/mg	2.83	2.83	2.83	2.83
Sludge Hauled, gal/day	3,393	2,545	1,697	849
<b>Sludge Hauled, gal/month</b>	<b>101,801</b>	<b>76,360</b>	<b>50,913</b>	<b>25,459</b>

**DEWATERED SLUDGE**

Thickened Sludge Conc., mg/l	20,000	20,000	20,000	20,000
Dewatered Solids, mg/l	200,000	200,000	200,000	200,000
Sludge Accumulation, lb/day	663	497	332	166
TSS Lost In Effluent, lb/day	5.86	4.40	2.93	1.47
Waste Sludge from Process, lb/day	657	493	329	164
Waste Sludge Trucked In, gallons/day	100,000	75,000	50,000	25,000
Trucked in Concentration, mg/l	20,000	20,000	20,000	20,000
Waste Sludge Trucked in, lb/day	16,680	12,510	8,340	4,170
Total Waste Sludge, lb/day	17,337	13,003	8,669	4,334
Dewatered Sludge Produced, cy/day	41.16	30.87	20.58	10.29
Dewatered Sludge Produced, cy/mon	1,252	939	626	313

**PROCESS DESIGN & LOADING CALCULATIONS (FINE AIR)**  
**BUCK ROAD WATER RECLAMATION WWTP**  
**FINAL PHASE**

**INFLUENT CONDITIONS**

<b>Design Flow Rate, mgd</b>	<b>0.200</b>	<b>Aeration Vol, cu ft</b>	<b>36,288</b>
Infl. BOD, mg/l	750	Clarifier Diameter, ft	
Infl. TSS, mg/l	1000	Clarifier Side Wall Depth, ft	<b>9.50</b>
Infl. VSS, mg/l	800	Total Clarifier Surface Area, sq f	905
BOD Loading, lb/day	1,251	Total Clarifier Volume, cu ft	8,595
BOD Load, #/1000 cu ft	34.47	<b>Temperature, deg C</b>	<b>20</b>

<b>Actual Plant Loading, %</b>	<b>100%</b>	<b>75.0%</b>	<b>50%</b>	<b>25.0%</b>
Actual Flow Rate, mgd	0.200	0.150	0.100	0.050
BOD Loading, #/Day	1251	938	626	313
<b>Ret. Sludge Rate, gpd/sq ft</b>	<b>400</b>	<b>400</b>	<b>400</b>	<b>400</b>
Ret. Sludge Flow, mgd	0.36	0.36	0.36	0.36
t = Aeration Time, days	1.357	1.810	2.714	5.429
<b>ts = Sludge Age, Days</b>	<b>6.0</b>	<b>8.0</b>	<b>12.0</b>	<b>24.0</b>
Km = BOD Removal Metabolic Factor	360	360	360	360
Ks = Synthesis Factor	250	250	250	250
Ke = Endogenous Metabolism Factor	0.40	0.30	0.20	0.10
F = Effl Soluble BOD	1.53	1.15	0.77	0.38
Ma = Active Mass	676	676	677	677
Me = Endogenous Mass	389	389	390	390
Mi = Inert Organic Mass	1,238	1,238	1,238	1,238
Mii = Inert Inorganic Mass	1,212	1,212	1,212	1,212
<b>Mt = Total Mass, mg/l</b>	<b>3,515</b>	<b>3,515</b>	<b>3,516</b>	<b>3,517</b>
Total Mass in Aeration Basin, lb	7,957	7,958	7,959	7,961
Lb BOD/Lb MLSS/Day	0.157	0.118	0.079	0.039
Effl TSS, mg/l	7	7	7	7
Effl BOD, mg/l	2	2	2	1
Sludge Accumulation, lb/day	1326	995	663	332
TSS Lost In Effluent, lb/day	12	9	6	3
<b>Waste Sludge, lb/day</b>	<b>1314</b>	<b>986</b>	<b>657</b>	<b>329</b>
Return Sludge Conc, mg/l	5,457	4,972	4,487	4,002
Waste Sludge Conc, mg/l	10,000	10,000	10,000	10,000
Waste Sludge Flow, gpd	15,760	11,822	7,883	3,942

**SLUDGE HOLDING TANK**

<b>Volume, cu ft</b>	<b>24,192</b>			
Design Loading, cu ft/lb BOD	19.34	25.78	38.68	77.35
Incoming Sludge Conc, mg/l	10,000	10,000	10,000	10,000
Thick Sludge Conc, mg/l	20,000	20,000	20,000	20,000
Detention, Days	22.96	30.61	45.91	91.81
Infl Total Solids, lb/day	1,314	986	657	329
Infl Active Mass, lb/day	253	190	126	63
Effl Active Mass, lb/Day	25	19	12	6
Active Mass Red., lb/day	182	137	91	46
Digester Effl Solids, lb/day	1,132	849	566	283
Sludge Disposed, lb/mg	5,660	5,661	5,661	5,662
Sludge Disposed, tons/mg	2.83	2.83	2.83	2.83
Sludge Hauled, gal/day	6,787	5,091	3,394	1,697
<b>Sludge Hauled, gal/month</b>	<b>203,603</b>	<b>152,720</b>	<b>101,825</b>	<b>50,919</b>

**DEWATERED SLUDGE**

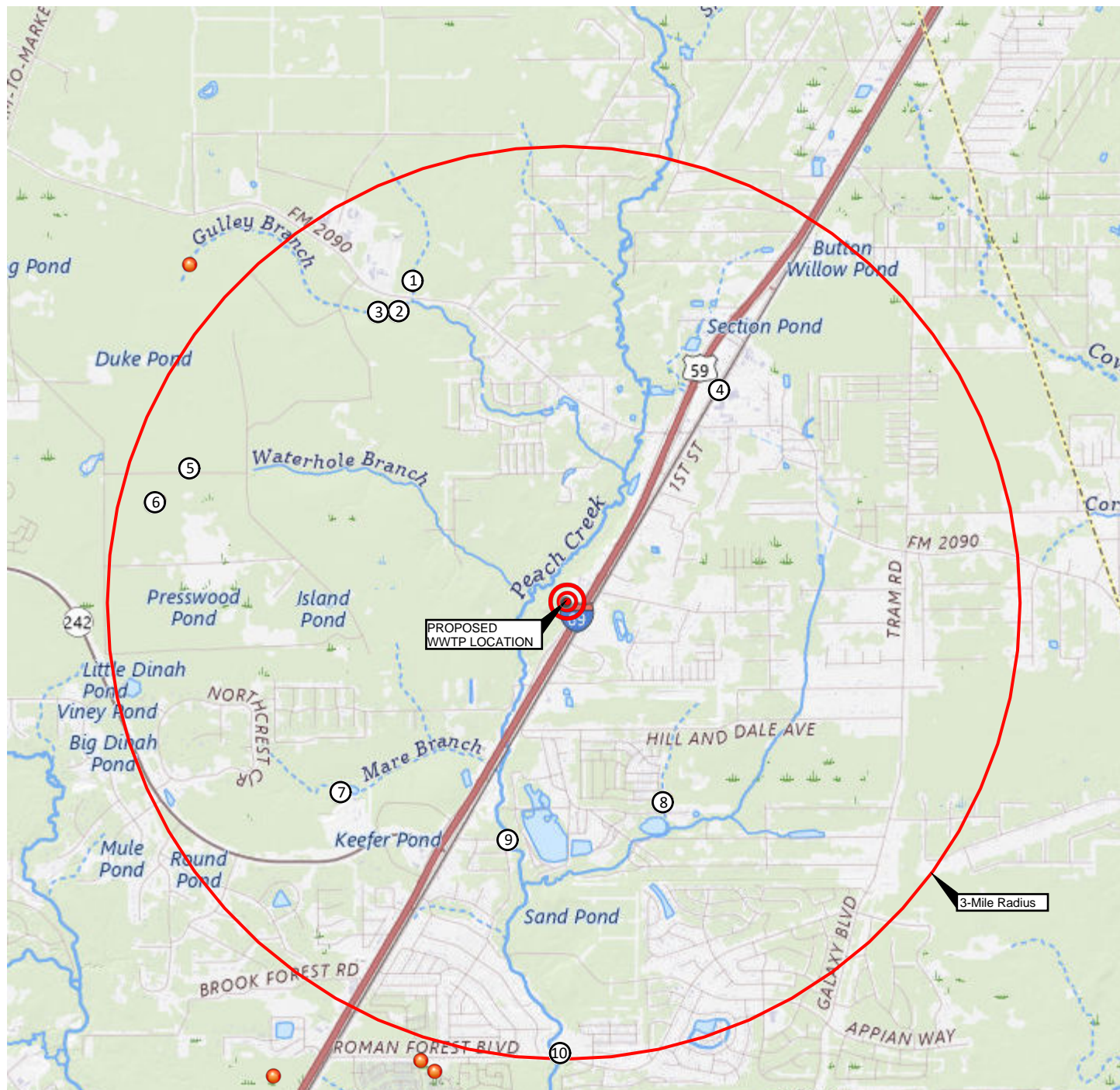
Thickened Sludge Conc., mg/l	20,000	20,000	20,000	20,000
Dewatered Solids, mg/l	200,000	200,000	200,000	200,000
Sludge Accumulation, lb/day	1,326	995	663	332
TSS Lost In Effluent, lb/day	11.73	8.80	5.86	2.93
Waste Sludge from Process, lb/day	1,314	986	657	329
Waste Sludge Trucked In, gallons/day	200,000	150,000	100,000	50,000
Trucked in Concentration, mg/l	20,000	25,000	25,000	25,000
Waste Sludge Trucked in, lb/day	33,360	31,275	20,850	10,425
Total Waste Sludge, lb/day	34,674	32,261	21,507	10,754
Dewatered Sludge Produced, cy/day	82.32	76.59	51.06	25.53
Dewatered Sludge Produced, cy/mon	2,504	2,330	1,553	777

## **ATTACHMENT TECH.05**

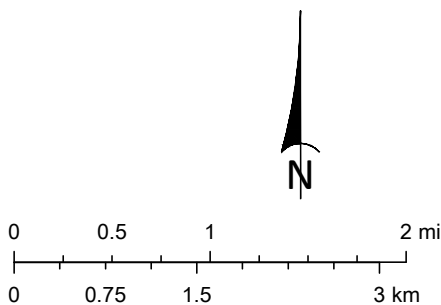
### **Map and List of Facilities within 3 Miles**


### **And Service Request Correspondence**

(Reference Technical Report Page 19, Section 1B3)



PERMITTEE IDENTIFICATION TABLE	
CALL OUT	TPDES PERMIT #
1	WQ0011143002
2	WQ0015145002
3	WQ0015950001
4	WQ0013389001
5	WQ0016223001
6	WQ0015851001
7	WQ0014311001
8	WQ0011386001
9	WQ0015294001
10	WQ0011993001



THIS DRAWING CONTAINS CONFIDENTIAL PROPRIETARY INFORMATION AND MAY NOT BE TRANSFERRED, REPRODUCED, OR USED TO CONSTRUCT ANY PROJECT OTHER THAN THAT FOR WHICH IT WAS ISSUED WITHOUT PRIOR PERMISSION FROM WATERENGINEERS, INC.	
 <b>WATERENGINEERS, INC.</b> <i>Water &amp; Wastewater Treatment Consultants</i> TEXAS BOARD OF PROFESSIONAL ENGINEERS FIRM No. 2066 17230 HUFFMEISTER ROAD TEL: 281-373-0500 CYPRESS, TEXAS 77429 FAX: 281-373-1113	
APPLICANT: BUCK ROAD WATER RECLAMATION LLC BUCK ROAD WATER RECLAMATION WWTP APPLICATION FOR A NEW TPDES PERMIT	
<b>THREE MILE RADIUS PERMITTEE MAP</b>	
DRAWN BY: DCP	DWG. NO.:  <div style="font-size: 2em; font-weight: bold;">TECH.05</div>
APPROVED BY: SBY	
SCALE: AS NOTED	
DATE: 9/16/2024	
JOB No.: 6325-24115	

 **WATERENGINEERS, INC.**  
*Water & Wastewater Treatment Consultants*  
Texas Board of Professional Engineers Firm No. 2066  
17230 HUFFMEISTER RD., SUITE A  
CYPRESS, TEXAS 77429  
TEL: 281-373-0500  
FAX: 281-373-1113

October 29, 2024

Cert. Mail Receipt 7022 2410 0002 3501 2579

Splendora Independent School District  
26267 Farm-To-Market Road 2090  
Splendora, TX 77372

Re: TCEQ Waste Discharge Permit No. WQ0011143002 – Splendora High School Wastewater Treatment Facility

Dear Permittee:

We are writing to you on behalf of Buck Road Water Reclamation LLC regarding a proposed wastewater treatment facility project to treat domestic wastewater in Montgomery County, located at 25111 Buck Rd, Splendora, TX 77372, as shown on the attached map. Buck Road Water Reclamation LLC is in the process of applying for a new TCEQ Wastewater Discharge Permit for 200,000 gallons per day (gpd).

We are required to contact all existing TCEQ Wastewater Discharge Permittees within a 3-mile radius of the project to inquire if an existing permit holder is willing to provide the wastewater treatment capacity needed. According to TCEQ records, you are a permittee having an existing wastewater treatment facility located within 3-miles of the project and have a TCEQ Waste Discharge Permit. If we find a wastewater treatment facility permit holder within 3-miles that has the required capacity available or will expand their facility to make it available, we will conduct a feasibility study to determine if it is cost effective to obtain service from them.

We will appreciate receiving a response from you indicating if 200,000 gpd of wastewater treatment capacity in your facility is available, and if so, under what terms. A handwritten reply on a copy of this letter will be adequate. You may email your response to me at [danny@waterengineers.com](mailto:danny@waterengineers.com) or fax to (281) 373-1113. Please feel free to call me at 281-373-0500 if you have any questions. Thank you for your assistance.

Sincerely,  
WATERENGINEERS, INC.

  
Danny C. Parks, P.E.

cc: Buck Road Water Reclamation LLC

Attachment: 3-Mile Radius Map

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**REPLY**

Date of Reply: _____	Signature: _____
Name of Permittee: <u>Splendora Independent School District</u>	Printed Name: _____
Capacity Available (Yes / No)? _____	Title: _____
Terms (if available) _____	Address: _____
_____	_____
_____	Telephone: _____
_____	Email: _____

WEI Project Reference: 6325-24115 Buck Road Water Reclamation WWTP TPDES

 **WATERENGINEERS, INC.**  
*Water & Wastewater Treatment Consultants*  
Texas Board of Professional Engineers Firm No. 2066  
17230 HUFFMEISTER RD., SUITE A  
CYPRESS, TEXAS 77429  
TEL: 281-373-0500  
FAX: 281-373-1113

October 29, 2024

Cert. Mail Receipt 7022 2410 0002 3501 2555

Bradbury Development Limited  
2107 CityWest Boulevard, Floor 3  
Houston, TX 77042

Re: TCEQ Waste Discharge Permit No. WQ0015145002 – East Montgomery County MUD 10 Wastewater Treatment Facility

Dear Permittee:

We are writing to you on behalf of Buck Road Water Reclamation LLC regarding a proposed wastewater treatment facility project to treat domestic wastewater in Montgomery County, located at 25111 Buck Rd, Splendora, TX 77372, as shown on the attached map. Buck Road Water Reclamation LLC is in the process of applying for a new TCEQ Wastewater Discharge Permit for 200,000 gallons per day (gpd).

We are required to contact all existing TCEQ Wastewater Discharge Permittees within a 3-mile radius of the project to inquire if an existing permit holder is willing to provide the wastewater treatment capacity needed. According to TCEQ records, you are a permittee having an existing wastewater treatment facility located within 3-miles of the project and have a TCEQ Waste Discharge Permit. If we find a wastewater treatment facility permit holder within 3-miles that has the required capacity available or will expand their facility to make it available, we will conduct a feasibility study to determine if it is cost effective to obtain service from them.

We will appreciate receiving a response from you indicating if 200,000 gpd of wastewater treatment capacity in your facility is available, and if so, under what terms. A handwritten reply on a copy of this letter will be adequate. You may email your response to me at [danny@waterengineers.com](mailto:danny@waterengineers.com) or fax to (281) 373-1113. Please feel free to call me at 281-373-0500 if you have any questions. Thank you for your assistance.

Sincerely,  
WATERENGINEERS, INC.

  
Danny C. Parks, P.E.

cc: Buck Road Water Reclamation LLC

Attachment: 3-Mile Radius Map

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**REPLY**

Date of Reply: \_\_\_\_\_

Signature: \_\_\_\_\_

Name of Permittee: Bradbury Development Limited

Printed Name: \_\_\_\_\_

Capacity Available (Yes / No)? \_\_\_\_\_

Title: \_\_\_\_\_

Terms (if available) \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Telephone: \_\_\_\_\_

\_\_\_\_\_

Email: \_\_\_\_\_

WEI Project Reference: 6325-24115 Buck Road Water Reclamation WWTP TPDES

 **WATERENGINEERS, INC.**  
*Water & Wastewater Treatment Consultants*  
Texas Board of Professional Engineers Firm No. 2066  
17230 HUFFMEISTER RD., SUITE A  
CYPRESS, TEXAS 77429  
TEL: 281-373-0500  
FAX: 281-373-1113

October 29, 2024

Cert. Mail Receipt 7022 2410 0002 3501 2562

East Montgomery County Municipal Utility District No. 14  
3200 Southwest Freeway, Suite 2600  
Houston, TX 77027

Re: TCEQ Waste Discharge Permit No. WQ0015950001 – Splendora Crossing Wastewater Treatment Facility

Dear Permittee:

We are writing to you on behalf of Buck Road Water Reclamation LLC regarding a proposed wastewater treatment facility project to treat domestic wastewater in Montgomery County, located at 25111 Buck Rd, Splendora, TX 77372, as shown on the attached map. Buck Road Water Reclamation LLC is in the process of applying for a new TCEQ Wastewater Discharge Permit for 200,000 gallons per day (gpd).

We are required to contact all existing TCEQ Wastewater Discharge Permittees within a 3-mile radius of the project to inquire if an existing permit holder is willing to provide the wastewater treatment capacity needed. According to TCEQ records, you are a permittee having an existing wastewater treatment facility located within 3-miles of the project and have a TCEQ Waste Discharge Permit. If we find a wastewater treatment facility permit holder within 3-miles that has the required capacity available or will expand their facility to make it available, we will conduct a feasibility study to determine if it is cost effective to obtain service from them.

We will appreciate receiving a response from you indicating if 200,000 gpd of wastewater treatment capacity in your facility is available, and if so, under what terms. A handwritten reply on a copy of this letter will be adequate. You may email your response to me at [danny@waterengineers.com](mailto:danny@waterengineers.com) or fax to (281) 373-1113. Please feel free to call me at 281-373-0500 if you have any questions. Thank you for your assistance.

Sincerely,  
WATERENGINEERS, INC.

  
Danny C. Parks, P.E.

cc: Buck Road Water Reclamation LLC

Attachment: 3-Mile Radius Map

**REPLY**

Date of Reply: \_\_\_\_\_

Signature: \_\_\_\_\_

Name of Permittee: East Montgomery County MUD 14

Printed Name: \_\_\_\_\_

Capacity Available (Yes / No)? \_\_\_\_\_

Title: \_\_\_\_\_

Terms (if available) \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Telephone: \_\_\_\_\_

\_\_\_\_\_

Email: \_\_\_\_\_

WEI Project Reference: 6325-24115 Buck Road Water Reclamation WWTP TPDES

 **WATERENGINEERS, INC.**  
*Water & Wastewater Treatment Consultants*  
Texas Board of Professional Engineers Firm No. 2066  
17230 HUFFMEISTER RD., SUITE A  
CYPRESS, TEXAS 77429  
TEL: 281-373-0500  
FAX: 281-373-1113

October 29, 2024

Cert. Mail Receipt 7022 2410 0002 3501 2548

City of Splendora  
P.O. Box 1087  
Splendora, TX 77372

Re: TCEQ Waste Discharge Permit No. WQ0013389001 – City of Splendora Wastewater Treatment Facility

Dear Permittee:

We are writing to you on behalf of Buck Road Water Reclamation LLC regarding a proposed wastewater treatment facility project to treat domestic wastewater in Montgomery County, located at 25111 Buck Rd, Splendora, TX 77372, as shown on the attached map. Buck Road Water Reclamation LLC is in the process of applying for a new TCEQ Wastewater Discharge Permit for 200,000 gallons per day (gpd).

We are required to contact all existing TCEQ Wastewater Discharge Permittees within a 3-mile radius of the project to inquire if an existing permit holder is willing to provide the wastewater treatment capacity needed. According to TCEQ records, you are a permittee having an existing wastewater treatment facility located within 3-miles of the project and have a TCEQ Waste Discharge Permit. If we find a wastewater treatment facility permit holder within 3-miles that has the required capacity available or will expand their facility to make it available, we will conduct a feasibility study to determine if it is cost effective to obtain service from them.

We will appreciate receiving a response from you indicating if 200,000 gpd of wastewater treatment capacity in your facility is available, and if so, under what terms. A handwritten reply on a copy of this letter will be adequate. You may email your response to me at [danny@waterengineers.com](mailto:danny@waterengineers.com) or fax to (281) 373-1113. Please feel free to call me at 281-373-0500 if you have any questions. Thank you for your assistance.

Sincerely,  
WATERENGINEERS, INC.

  
Danny C. Parks, P.E.

cc: Buck Road Water Reclamation LLC

Attachment: 3-Mile Radius Map

**REPLY**

Date of Reply: \_\_\_\_\_

Signature: \_\_\_\_\_

Name of Permittee: City of Splendora

Printed Name: \_\_\_\_\_

Capacity Available (Yes / No)? \_\_\_\_\_

Title: \_\_\_\_\_

Terms (if available) \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Telephone: \_\_\_\_\_

\_\_\_\_\_

Email: \_\_\_\_\_

 **WATERENGINEERS, INC.**  
*Water & Wastewater Treatment Consultants*  
Texas Board of Professional Engineers Firm No. 2066  
17230 HUFFMEISTER RD., SUITE A  
CYPRESS, TEXAS 77429  
TEL: 281-373-0500  
FAX: 281-373-1113

October 29, 2024

Cert. Mail Receipt 7022 2410 0002 3501 2531

East Montgomery County Municipal Utility District No. 13  
3200 Southwest Freeway, Suite 2600  
Houston, TX 77027

Re: TCEQ Waste Discharge Permit No. WQ0016223001 – East Montgomery County Municipal Utility District  
No. 13 Wastewater Treatment Facility

Dear Permittee:

We are writing to you on behalf of Buck Road Water Reclamation LLC regarding a proposed wastewater treatment facility project to treat domestic wastewater in Montgomery County, located at 25111 Buck Rd, Splendora, TX 77372, as shown on the attached map. Buck Road Water Reclamation LLC is in the process of applying for a new TCEQ Wastewater Discharge Permit for 200,000 gallons per day (gpd).

We are required to contact all existing TCEQ Wastewater Discharge Permittees within a 3-mile radius of the project to inquire if an existing permit holder is willing to provide the wastewater treatment capacity needed. According to TCEQ records, you are a permittee having an existing wastewater treatment facility located within 3-miles of the project and have a TCEQ Waste Discharge Permit. If we find a wastewater treatment facility permit holder within 3-miles that has the required capacity available or will expand their facility to make it available, we will conduct a feasibility study to determine if it is cost effective to obtain service from them.

We will appreciate receiving a response from you indicating if 200,000 gpd of wastewater treatment capacity in your facility is available, and if so, under what terms. A handwritten reply on a copy of this letter will be adequate. You may email your response to me at [danny@waterengineers.com](mailto:danny@waterengineers.com) or fax to (281) 373-1113. Please feel free to call me at 281-373-0500 if you have any questions. Thank you for your assistance.

Sincerely,  
WATERENGINEERS, INC.

  
Danny C. Parks, P.E.

cc: Buck Road Water Reclamation LLC

Attachment: 3-Mile Radius Map

---

**REPLY**

Date of Reply: \_\_\_\_\_

Signature: \_\_\_\_\_

Name of Permittee: East Montgomery County MUD 13

Printed Name: \_\_\_\_\_

Capacity Available (Yes / No)? \_\_\_\_\_

Title: \_\_\_\_\_

Terms (if available) \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

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Telephone: \_\_\_\_\_

\_\_\_\_\_

Email: \_\_\_\_\_

WEI Project Reference: 6325-24115 Buck Road Water Reclamation WWTP TPDES

 **WATERENGINEERS, INC.**  
*Water & Wastewater Treatment Consultants*  
Texas Board of Professional Engineers Firm No. 2066  
17230 HUFFMEISTER RD., SUITE A  
CYPRESS, TEXAS 77429  
TEL: 281-373-0500  
FAX: 281-373-1113

October 29, 2024

Cert. Mail Receipt 7022 2410 0002 3501 2524

Lennar Homes of Texas Land and Construction, Ltd.,  
681 Greens Parkway, Suite 220  
Houston, TX 77067

Re: TCEQ Waste Discharge Permit No. WQ0015851001 – Splendora Wastewater Treatment Facility

Dear Permittee:

We are writing to you on behalf of Buck Road Water Reclamation LLC regarding a proposed wastewater treatment facility project to treat domestic wastewater in Montgomery County, located at 25111 Buck Rd, Splendora, TX 77372, as shown on the attached map. Buck Road Water Reclamation LLC is in the process of applying for a new TCEQ Wastewater Discharge Permit for 200,000 gallons per day (gpd).

We are required to contact all existing TCEQ Wastewater Discharge Permittees within a 3-mile radius of the project to inquire if an existing permit holder is willing to provide the wastewater treatment capacity needed. According to TCEQ records, you are a permittee having an existing wastewater treatment facility located within 3-miles of the project and have a TCEQ Waste Discharge Permit. If we find a wastewater treatment facility permit holder within 3-miles that has the required capacity available or will expand their facility to make it available, we will conduct a feasibility study to determine if it is cost effective to obtain service from them.

We will appreciate receiving a response from you indicating if 200,000 gpd of wastewater treatment capacity in your facility is available, and if so, under what terms. A handwritten reply on a copy of this letter will be adequate. You may email your response to me at [danny@waterengineers.com](mailto:danny@waterengineers.com) or fax to (281) 373-1113. Please feel free to call me at 281-373-0500 if you have any questions. Thank you for your assistance.

Sincerely,  
WATERENGINEERS, INC.

  
Danny C. Parks, P.E.

cc: Buck Road Water Reclamation LLC

Attachment: 3-Mile Radius Map

---

**REPLY**

Date of Reply: \_\_\_\_\_

Signature: \_\_\_\_\_

Name of Permittee: Lennar Homes of Texas Land...

Printed Name: \_\_\_\_\_

Capacity Available (Yes / No)? \_\_\_\_\_

Title: \_\_\_\_\_

Terms (if available) \_\_\_\_\_

Address: \_\_\_\_\_

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Telephone: \_\_\_\_\_

\_\_\_\_\_

Email: \_\_\_\_\_

WEI Project Reference: 6325-24115 Buck Road Water Reclamation WWTP TPDES

 **WATERENGINEERS, INC.**  
*Water & Wastewater Treatment Consultants*  
Texas Board of Professional Engineers Firm No. 2066  
17230 HUFFMEISTER RD., SUITE A  
CYPRESS, TEXAS 77429  
TEL: 281-373-0500  
FAX: 281-373-1113

October 29, 2024

Cert. Mail Receipt 7022 2410 0002 3501 2517

East Montgomery County Municipal Utility District No. 4  
3700 Buffalo Speedway, Suite 830  
Houston, TX 77098

Re: TCEQ Waste Discharge Permit No. WQ0014311001 – Mare Branch Wastewater Treatment Facility


Dear Permittee:

We are writing to you on behalf of Buck Road Water Reclamation LLC regarding a proposed wastewater treatment facility project to treat domestic wastewater in Montgomery County, located at 25111 Buck Rd, Splendora, TX 77372, as shown on the attached map. Buck Road Water Reclamation LLC is in the process of applying for a new TCEQ Wastewater Discharge Permit for 200,000 gallons per day (gpd).

We are required to contact all existing TCEQ Wastewater Discharge Permittees within a 3-mile radius of the project to inquire if an existing permit holder is willing to provide the wastewater treatment capacity needed. According to TCEQ records, you are a permittee having an existing wastewater treatment facility located within 3-miles of the project and have a TCEQ Waste Discharge Permit. If we find a wastewater treatment facility permit holder within 3-miles that has the required capacity available or will expand their facility to make it available, we will conduct a feasibility study to determine if it is cost effective to obtain service from them.

We will appreciate receiving a response from you indicating if 200,000 gpd of wastewater treatment capacity in your facility is available, and if so, under what terms. A handwritten reply on a copy of this letter will be adequate. You may email your response to me at [danny@waterengineers.com](mailto:danny@waterengineers.com) or fax to (281) 373-1113. Please feel free to call me at 281-373-0500 if you have any questions. Thank you for your assistance.

Sincerely,  
WATERENGINEERS, INC.

  
Danny C. Parks, P.E.

cc: Buck Road Water Reclamation LLC

Attachment: 3-Mile Radius Map

---

**REPLY**

Date of Reply: \_\_\_\_\_

Signature: \_\_\_\_\_

Name of Permittee: East Montgomery County MUD 4

Printed Name: \_\_\_\_\_

Capacity Available (Yes / No)? \_\_\_\_\_

Title: \_\_\_\_\_

Terms (if available) \_\_\_\_\_

Address: \_\_\_\_\_

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\_\_\_\_\_

Telephone: \_\_\_\_\_

\_\_\_\_\_

Email: \_\_\_\_\_

WEI Project Reference: 6325-24115 Buck Road Water Reclamation WWTP TPDES

 **WATERENGINEERS, INC.**  
*Water & Wastewater Treatment Consultants*  
Texas Board of Professional Engineers Firm No. 2066  
17230 HUFFMEISTER RD., SUITE A  
CYPRESS, TEXAS 77429  
TEL: 281-373-0500  
FAX: 281-373-1113

October 29, 2024

Cert. Mail Receipt 7022 2410 0002 3501 3002

Montgomery County Municipal Utility District No. 16  
9 Greenway Plaza, Suite 1000  
Houston, TX 77046

Re: TCEQ Waste Discharge Permit No. WQ0011386001 – Montgomery County Municipal Utility District No. 16 Wastewater Treatment Plant

Dear Permittee:

We are writing to you on behalf of Buck Road Water Reclamation LLC regarding a proposed wastewater treatment facility project to treat domestic wastewater in Montgomery County, located at 25111 Buck Rd, Splendora, TX 77372, as shown on the attached map. Buck Road Water Reclamation LLC is in the process of applying for a new TCEQ Wastewater Discharge Permit for 200,000 gallons per day (gpd).

We are required to contact all existing TCEQ Wastewater Discharge Permittees within a 3-mile radius of the project to inquire if an existing permit holder is willing to provide the wastewater treatment capacity needed. According to TCEQ records, you are a permittee having an existing wastewater treatment facility located within 3-miles of the project and have a TCEQ Waste Discharge Permit. If we find a wastewater treatment facility permit holder within 3-miles that has the required capacity available or will expand their facility to make it available, we will conduct a feasibility study to determine if it is cost effective to obtain service from them.

We will appreciate receiving a response from you indicating if 200,000 gpd of wastewater treatment capacity in your facility is available, and if so, under what terms. A handwritten reply on a copy of this letter will be adequate. You may email your response to me at [danny@waterengineers.com](mailto:danny@waterengineers.com) or fax to (281) 373-1113. Please feel free to call me at 281-373-0500 if you have any questions. Thank you for your assistance.

Sincerely,  
WATERENGINEERS, INC.

  
Danny C. Parks, P.E.

cc: Buck Road Water Reclamation LLC

Attachment: 3-Mile Radius Map

**REPLY**

Date of Reply: \_\_\_\_\_

Signature: \_\_\_\_\_

Name of Permittee: Montgomery County MUD 16

Printed Name: \_\_\_\_\_

Capacity Available (Yes / No)? \_\_\_\_\_

Title: \_\_\_\_\_

Terms (if available) \_\_\_\_\_

Address: \_\_\_\_\_

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Telephone: \_\_\_\_\_

\_\_\_\_\_

Email: \_\_\_\_\_

WEI Project Reference: 6325-24115 Buck Road Water Reclamation WWTP TPDES

 **WATERENGINEERS, INC.**  
*Water & Wastewater Treatment Consultants*  
Texas Board of Professional Engineers Firm No. 2066  
17230 HUFFMEISTER RD., SUITE A  
CYPRESS, TEXAS 77429  
TEL: 281-373-0500  
FAX: 281-373-1113

October 29, 2024

Cert. Mail Receipt 7022 2410 0002 3501 2999

City of Patton Village  
16940 Main Street  
Splendora, TX 77372

Re: TCEQ Waste Discharge Permit No. WQ0015294001 – Patton Village Wastewater Treatment Plant

Dear Permittee:

We are writing to you on behalf of Buck Road Water Reclamation LLC regarding a proposed wastewater treatment facility project to treat domestic wastewater in Montgomery County, located at 25111 Buck Rd, Splendora, TX 77372, as shown on the attached map. Buck Road Water Reclamation LLC is in the process of applying for a new TCEQ Wastewater Discharge Permit for 200,000 gallons per day (gpd).

We are required to contact all existing TCEQ Wastewater Discharge Permittees within a 3-mile radius of the project to inquire if an existing permit holder is willing to provide the wastewater treatment capacity needed. According to TCEQ records, you are a permittee having an existing wastewater treatment facility located within 3-miles of the project and have a TCEQ Waste Discharge Permit. If we find a wastewater treatment facility permit holder within 3-miles that has the required capacity available or will expand their facility to make it available, we will conduct a feasibility study to determine if it is cost effective to obtain service from them.

We will appreciate receiving a response from you indicating if 200,000 gpd of wastewater treatment capacity in your facility is available, and if so, under what terms. A handwritten reply on a copy of this letter will be adequate. You may email your response to me at [danny@waterengineers.com](mailto:danny@waterengineers.com) or fax to (281) 373-1113. Please feel free to call me at 281-373-0500 if you have any questions. Thank you for your assistance.

Sincerely,  
WATERENGINEERS, INC.

  
Danny C. Parks, P.E.

cc: Buck Road Water Reclamation LLC

Attachment: 3-Mile Radius Map

---

**REPLY**

Date of Reply: \_\_\_\_\_

Signature: \_\_\_\_\_

Name of Permittee: City of Patton Village

Printed Name: \_\_\_\_\_

Capacity Available (Yes / No)? \_\_\_\_\_

Title: \_\_\_\_\_

Terms (if available) \_\_\_\_\_

Address: \_\_\_\_\_

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Telephone: \_\_\_\_\_

\_\_\_\_\_

Email: \_\_\_\_\_

 **WATERENGINEERS, INC.**  
*Water & Wastewater Treatment Consultants*  
Texas Board of Professional Engineers Firm No. 2066  
17230 HUFFMEISTER RD., SUITE A  
CYPRESS, TEXAS 77429  
TEL: 281-373-0500  
FAX: 281-373-1113

October 29, 2024

Cert. Mail Receipt 7022 2410 0002 3501 2982

City of Woodbranch Village  
58A Woodbranch Drive  
New Caney, TX 77357

Re: TCEQ Waste Discharge Permit No. WQ0011993001 – City of Woodbranch Wastewater Treatment Facility

Dear Permittee:

We are writing to you on behalf of Buck Road Water Reclamation LLC regarding a proposed wastewater treatment facility project to treat domestic wastewater in Montgomery County, located at 25111 Buck Rd, Splendora, TX 77372, as shown on the attached map. Buck Road Water Reclamation LLC is in the process of applying for a new TCEQ Wastewater Discharge Permit for 200,000 gallons per day (gpd).

We are required to contact all existing TCEQ Wastewater Discharge Permittees within a 3-mile radius of the project to inquire if an existing permit holder is willing to provide the wastewater treatment capacity needed. According to TCEQ records, you are a permittee having an existing wastewater treatment facility located within 3-miles of the project and have a TCEQ Waste Discharge Permit. If we find a wastewater treatment facility permit holder within 3-miles that has the required capacity available or will expand their facility to make it available, we will conduct a feasibility study to determine if it is cost effective to obtain service from them.

We will appreciate receiving a response from you indicating if 200,000 gpd of wastewater treatment capacity in your facility is available, and if so, under what terms. A handwritten reply on a copy of this letter will be adequate. You may email your response to me at [danny@waterengineers.com](mailto:danny@waterengineers.com) or fax to (281) 373-1113. Please feel free to call me at 281-373-0500 if you have any questions. Thank you for your assistance.

Sincerely,  
WATERENGINEERS, INC.

  
Danny C. Parks, P.E.

cc: Buck Road Water Reclamation LLC

Attachment: 3-Mile Radius Map

**REPLY**

Date of Reply: \_\_\_\_\_

Signature: \_\_\_\_\_

Name of Permittee: City of Woodbranch Village

Printed Name: \_\_\_\_\_

Capacity Available (Yes / No)? \_\_\_\_\_

Title: \_\_\_\_\_

Terms (if available) \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Telephone: \_\_\_\_\_

\_\_\_\_\_

Email: \_\_\_\_\_

WEI Project Reference: 6325-24115 Buck Road Water Reclamation WWTP TPDES

7022 2410 0002 3501 2579

# U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only

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Certified Mail Fee

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$

☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postmark  
Here

Postage

Total Postage and Fees

Sent To SPLENDORA ISD

Street and Apt. No., or PO Box No.

City, State, ZIP+4® 6325-24115 RFS DP

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7022 2410 0002 3501 2555

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☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postmark  
Here

Postage

Total Postage and Fees

Sent To BROADVIEW DEVELOPMENT LIMITED

Street and Apt. No., or PO Box No.

City, State, ZIP+4® 6325-24115 RFS DP

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7022 2410 0002 3501 2562

# U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only

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Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$

☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postmark  
Here

Postage

Total Postage and Fees

Sent To EAST MONTGOMERY COUNTY MUD 14

Street and Apt. No., or PO Box No.

City, State, ZIP+4® 6325-24115 RFS DP

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7022 2410 0002 3501 2548

# U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only

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☐ Return Receipt (hardcopy) \$

☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postmark  
Here

Postage

Total Postage and Fees

Sent To CITY OF SPLENDORA

Street and Apt. No., or PO Box No.

City, State, ZIP+4® 6325-24115 RFS DP

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7022 2410 0002 3501 2531

# U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only

For delivery information, visit our website at [www.usps.com](http://www.usps.com)®.**OFFICIAL USE**

Certified Mail Fee

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$

☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postmark  
Here

Postage

Total Postage and Fees

Sent To EAST MONTGOMERY COUNTY MUD 13

Street and Apt. No., or PO Box No.

City, State, ZIP+4® 6325-24115 RFS DP

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7022 2410 0002 3501 2524

# U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only

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Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$

☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postmark  
Here

Postage

Total Postage and Fees

Sent To LENNAR HOMES OF TEXAS LAND & CONSTRUCTION LTD.

Street and Apt. No., or PO Box No.

City, State, ZIP+4® 6325-24115 RFS DP

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7022 2410 0002 3501 2517

U.S. Postal Service™  
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 Domestic Mail Only

For delivery information, visit our website at [www.usps.com](http://www.usps.com)®.

**OFFICIAL USE**

Certified Mail Fee \$	Postmark Here
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy) \$	
<input type="checkbox"/> Return Receipt (electronic) \$	
<input type="checkbox"/> Certified Mail Restricted Delivery \$	
<input type="checkbox"/> Adult Signature Required \$	
<input type="checkbox"/> Adult Signature Restricted Delivery \$	
Postage \$	
Total Postage and Fees \$	
Sent To <u>EAST MONTGOMERY COUNTY MD 4</u>	
Street and Apt. No., or PO Box No.	
City, State, ZIP+4® <u>6325-24115</u> <u>12FS</u> <u>DP</u>	
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	

7022 2410 0002 3501 3002

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For delivery information, visit our website at [www.usps.com](http://www.usps.com)®.

**OFFICIAL USE**

Certified Mail Fee \$	Postmark Here
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy) \$	
<input type="checkbox"/> Return Receipt (electronic) \$	
<input type="checkbox"/> Certified Mail Restricted Delivery \$	
<input type="checkbox"/> Adult Signature Required \$	
<input type="checkbox"/> Adult Signature Restricted Delivery \$	
Postage \$	
Total Postage and Fees \$	
Sent To <u>MONTGOMERY COUNTY MD 16</u>	
Street and Apt. No., or PO Box No.	
City, State, ZIP+4® <u>6325-24115</u> <u>12FS</u> <u>DP</u>	
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	

7022 2410 0002 3501 2999

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**OFFICIAL USE**

Certified Mail Fee \$	Postmark Here
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy) \$	
<input type="checkbox"/> Return Receipt (electronic) \$	
<input type="checkbox"/> Certified Mail Restricted Delivery \$	
<input type="checkbox"/> Adult Signature Required \$	
<input type="checkbox"/> Adult Signature Restricted Delivery \$	
Postage \$	
Total Postage and Fees \$	
Sent To <u>CITY OF PATTON VILLAGE</u>	
Street and Apt. No., or PO Box No.	
City, State, ZIP+4® <u>6325-24115</u> <u>12FS</u> <u>DP</u>	
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	

7022 2410 0002 3501 2982

U.S. Postal Service™  
**CERTIFIED MAIL® RECEIPT**  
 Domestic Mail Only

For delivery information, visit our website at [www.usps.com](http://www.usps.com)®.

**OFFICIAL USE**

Certified Mail Fee \$	Postmark Here
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy) \$	
<input type="checkbox"/> Return Receipt (electronic) \$	
<input type="checkbox"/> Certified Mail Restricted Delivery \$	
<input type="checkbox"/> Adult Signature Required \$	
<input type="checkbox"/> Adult Signature Restricted Delivery \$	
Postage \$	
Total Postage and Fees \$	
Sent To <u>CITY OF WOODBRANCH VILLAGE</u>	
Street and Apt. No., or PO Box No.	
City, State, ZIP+4® <u>6325-24115</u> <u>12FS</u> <u>DP</u>	
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	

6325-24115 RFS

DP

## SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.  
 ■ Print your name and address on the reverse so that we can return the card to you.  
 ■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

BRADBURY DEVELOPMENT LIMITED  
 2107 COTTAGE BOULEVARD, FLOOR 3  
 HOUSTON TX, 77042



9590 9402 8455 3156 2566 59

2. Article Number (Transfer from service label)

7022 2410 0002 3501 2555

PS Form 3811, July 2020 PSN 7530-02-000-9053

Domestic Return Receipt

## COMPLETE THIS SECTION ON DELIVERY

A. Signature ☒ Agent  
 B. Received by (Printed Name) ☐ Addressee  
 C. Date of Delivery 10/31

D. Is delivery address different from item 1? ☐ Yes  
If YES, enter delivery address below: ☐ No

3. Service Type  
☐ Adult Signature  
☐ Adult Signature Restricted Delivery  
☒ Certified Mail®  
☐ Certified Mail Restricted Delivery  
☐ Signature Confirmation™  
☐ Signature Confirmation Restricted Delivery  
☐ Collect on Delivery  
☐ Collect on Delivery Restricted Delivery  
☐ Insured Mail  
☐ Registered Mail  
☐ Registered Mail Restricted Delivery  
☐ Signature Confirmation™  
☐ Signature Confirmation Restricted Delivery

Mail Restricted Delivery (00)

6325-24115 RFS

DP

## SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.  
 ■ Print your name and address on the reverse so that we can return the card to you.  
 ■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

SPLENDORA INDEPENDENT SCHOOL DISTRICT  
 26267 FM ROAD 2090  
 SPLENDORA, TX 77372



9590 9402 8455 3156 2566 66

2. Article Number (Transfer from service label)

7022 2410 0002 3501 2579

PS Form 3811, July 2020 PSN 7530-02-000-9053

Domestic Return Receipt

## COMPLETE THIS SECTION ON DELIVERY

A. Signature ☒ Agent  
 B. Received by (Printed Name) ☐ Addressee  
 C. Date of Delivery 10/31/24

D. Is delivery address different from item 1? ☐ Yes  
If YES, enter delivery address below: ☐ No

3. Service Type  
☐ Adult Signature  
☐ Adult Signature Restricted Delivery  
☒ Certified Mail®  
☐ Certified Mail Restricted Delivery  
☐ Signature Confirmation™  
☐ Signature Confirmation Restricted Delivery  
☐ Collect on Delivery  
☐ Collect on Delivery Restricted Delivery  
☐ Insured Mail  
☐ Registered Mail  
☐ Registered Mail Restricted Delivery  
☐ Signature Confirmation™  
☐ Signature Confirmation Restricted Delivery

Mail Restricted Delivery (0)

## SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.  
 ■ Print your name and address on the reverse so that we can return the card to you.  
 ■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

CITY OF WOODBRANCH VENUE  
 18A WOODBRANCH DRIVE  
 NEW CANYON, TX 77357



9590 9402 8455 3156 2565 74

2. Article Number (Transfer from service label)

7022 2410 0002 3501 2982

PS Form 3811, July 2020 PSN 7530-02-000-9053

Domestic Return Receipt

## COMPLETE THIS SECTION ON DELIVERY

A. Signature ☒ Agent  
 B. Received by (Printed Name) ☐ Addressee  
 C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes  
If YES, enter delivery address below: ☐ No

3. Service Type  
☐ Adult Signature  
☐ Adult Signature Restricted Delivery  
☒ Certified Mail®  
☐ Certified Mail Restricted Delivery  
☐ Signature Confirmation™  
☐ Signature Confirmation Restricted Delivery  
☐ Collect on Delivery  
☐ Collect on Delivery Restricted Delivery  
☐ Insured Mail  
☐ Registered Mail  
☐ Registered Mail Restricted Delivery  
☐ Signature Confirmation™  
☐ Signature Confirmation Restricted Delivery

Mail Restricted Delivery (0)

6325-24115 RFS

DP

## COMPLETE THIS SECTION ON DELIVERY

A. Signature ☒ Agent  
 B. Received by (Printed Name) ☐ Addressee  
 C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes  
If YES, enter delivery address below: ☐ No

3. Service Type  
☐ Adult Signature  
☐ Adult Signature Restricted Delivery  
☒ Certified Mail®  
☐ Certified Mail Restricted Delivery  
☐ Signature Confirmation™  
☐ Signature Confirmation Restricted Delivery  
☐ Collect on Delivery  
☐ Collect on Delivery Restricted Delivery  
☐ Insured Mail  
☐ Registered Mail  
☐ Registered Mail Restricted Delivery  
☐ Signature Confirmation™  
☐ Signature Confirmation Restricted Delivery

Mail Restricted Delivery (0)

PS Form 3811, July 2020 PSN 7530-02-000-9053

Domestic Return Receipt

6325-24115 12FS DP

## SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.  
■ Print your name and address on the reverse so that we can return the card to you.  
■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

MONTGOMERY COUNTY MUD 16  
9 GREENWAY PLAZA, SUITE 1000  
HOUSTON TX 77046



9590 9402 8455 3156 2565 98

2. Article Number (Transfer from service label)

7022 2410 0002 3501 3002

PS Form 3811, July 2020 PSN 7530-02-000-9053

Domestic Return Receipt

## COMPLETE THIS SECTION ON DELIVERY

A. Signature ☒ Agent ☐ Addressee  
B. Received by (Printed Name) 11/14/24  
C. Date of Delivery  
D. Is delivery address different from item 1? ☐ Yes ☒ No  
If YES, enter delivery address below:

3. Service Type  
☐ Adult Signature  
☐ Adult Signature Restricted Delivery  
☒ Certified Mail®  
☐ Certified Mail Restricted Delivery  
☐ Collect on Delivery  
☐ Collect on Delivery Restricted Delivery  
☐ Insured Mail  
☐ Priority Mail Express®  
☐ Registered Mail™  
☐ Registered Mail Restricted Delivery  
☐ Signature Confirmation™  
☐ Signature Confirmation Restricted Delivery

6325-24115 12FS DP

## SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.  
■ Print your name and address on the reverse so that we can return the card to you.  
■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

EAST  
EAST MONTGOMERY COUNTY MUD 14  
3200 SOUTHWEST FIREWAY, SUITE 2600  
HOUSTON TX 77027



9590 9402 8455 3156 2566 28

2. Article Number (Transfer from service label)

7022 2410 0002 3501 2562

PS Form 3811, July 2020 PSN 7530-02-000-9053

Domestic Return Receipt

## SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.  
■ Print your name and address on the reverse so that we can return the card to you.  
■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

EAST MONTGOMERY COUNTY MUD 13  
3200 SOUTHWEST FWY, SUITE 2600  
HOUSTON TX 77027



9590 9402 8455 3156 2566 42

2. Article Number (Transfer from service label)

7022 2410 0002 3501 2531

PS Form 3811, July 2020 PSN 7530-02-000-9053

Domestic Return Receipt

## COMPLETE THIS SECTION ON DELIVERY

A. Signature ☒ Agent ☐ Addressee  
B. Received by (Printed Name) NOV 05 2024  
C. Date of Delivery  
D. Is delivery address different from item 1? ☐ Yes ☐ No  
If YES, enter delivery address below:

3. Service Type  
☐ Adult Signature  
☐ Adult Signature Restricted Delivery  
☒ Certified Mail®  
☐ Certified Mail Restricted Delivery  
☐ Collect on Delivery  
☐ Collect on Delivery Restricted Delivery  
☐ Insured Mail  
☐ Priority Mail Express®  
☐ Registered Mail™  
☐ Registered Mail Restricted Delivery  
☐ Signature Confirmation™  
☐ Signature Confirmation Restricted Delivery