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

SUMMARY OF APPLICATION IN PLAIN LANGUAGE FOR TPDES OR TLAP PERMIT APPLICATIONS

Summary of Application (in plain language) 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 of your facility and application as required by Title 30, Texas Administrative Code (30 TAC), Chapter 39, Subchapter H. You may modify the template as necessary to accurately describe your 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 you 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. After filling in the information for your facility delete these instructions.

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.

Schoolfield-Groundwork Venture, LLC (CN606394971) proposes to operate the Blake Manor-East Travis County Wastewater Treatment Plant (RN112228424), a domestic wastewater treatment plant. The facility will be located at approximately 1 mile southwest of the intersection of Blake Manor Road and Briar Creek Loop, in Manor, Travis County, Texas 78653. The Schoolfield-Groundwork Venture, LLC has applied for a new permit that will authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 330,000 gallons per day in the Interim Phase I, a volume not to exceed a daily average flow of 660,000 gallons per day in the Interim Phase II, and a volume not to exceed a daily average flow of 990,000 gallons per day in the Final Phase.

Discharges from the facility are expected to contain Carbonaceous Biological Oxygen Demand 5-day, Total Suspended Solids, Ammonia Nitrogen, Phosphorus, and E. Coli. Domestic wastewater will be treated by an activated sludge process plant operated in the sequencing

batch reactor (SBR) mode. In the Interim Phase I, treatment units will include bar screens, two sequencing batch reactors (SBRs), two cloth filter basins, a sludge holding tank, solids dewatering, and a chlorine contact chamber/post aeration basin. In the Interim Phase II, one SBR will be added for a total of three SBRs. In the Final Phase, one SBR will be added for a tital of four SBRs. The proposed treatment system is conceptual and does not reflect an engineered design.

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

AGUAS RESIDUALES DOMÉSTICAS /AGUAS PLUVIALES

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

Schoolfield-Groundwork Venture, LLC (CN606394971) propone operar the Blake Manor-East Travis County Wastewater Treatment Plant (RN112228424), una planta de tratamiento de aguas residuals domésticas. La instalación estará ubicada en aproxamadamente 1,8 millas al suroeste de la intersección de Blake Manor Road and Briar Creek Loop, en Manor, Condado de Travis, Texas 78653. Schoolfield-Groundwork Venture, LLC ha solicitado un nuevo permiso que autoizará la descarga de aguas residuals tratadas en un volume que no exceda un flujo promedio diario de 330,000 galones por día en la Fase Provisinal I, un volume que no exceda un flujo promedio diario de 660,000 galones por día en la fase Provisional II, y volume que no exceda un flujo promedio diario de 990,000 galones por día en la Fase Final.

Se espera que las descargas de la instalación contengan demanda biológica de oxígeno carbonoso de 5 días, sólidos suspendidos totals, nitrógeno ammoniacal, fósforo y E. coli. Aguas residuals domésticas. estará tratado por una planta de procesamiento de lodos activados operada en modo de reactor secuencial por lotes (SBR). En la Fase Provisional I, las unidades de tratamiento incluirán rejillas de barras, does reactors secuenciales per lotes (SBR), dos tanques de filtración de tela, un tanque de retención de lodos, deshidratación de sólidos y una camara de contacto con cloro/tanqye de post-aireación. En la Fase Provinsional II, se añadirá un SBR para un total de tres SBR. En la Fase Final, se añadirá un SBR para un total de cuatro SBR. El Sistema de tratamiento propuesto es conceptual y no refleja un diseño de ingeniería.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

PROPOSED PERMIT NO. WQ0016824001

APPLICATION. Schoolfield-GroundWork Venture, LLC, 31 Navasota Street, Unit 150, Austin, Texas 78702, has applied to the Texas Commission on Environmental Quality (TCEQ) for proposed Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0016824001 (EPA I.D. No. TX0147974) to authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 990,000 gallons per day. The domestic wastewater treatment facility will be located approximately one mile southwest of the intersection of Blake Manor Road and Briar Creek Loop, near the city of Manor, in Travis County, Texas 78653. The discharge route will be from the plant site to an unnamed tributary, thence to Gilleland Creek, thence to Colorado River Below Lady Bird Lake/Town Lake. TCEQ received this application on June 9, 2025. The permit application will be available for viewing and copying at Austin Public Library – University Hills Branch, 4721 Loyola Lane, Austin, in Travis County, Texas prior to the date this notice is published in the newspaper. The application, including any updates, and associated notices are available electronically at the following webpage: https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application.
https://gisweb.tceq.texas.gov/LocationMapper/?marker=-97.54779,30.298764&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. Search the database using the permit number for this application, which is provided at the top of this notice.

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

Further information may also be obtained from Schoolfield-GroundWork Venture, LLC at the address stated above or by calling Ms. Luci Dunn, P.E., Enprotec / Hibbs & Todd, Inc. (eHT), at 325-698-5560.

Issuance Date: July 22, 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. WQ0016824001

SOLICITUD. Schoolfield-GroundWork Venture, LLC, 31 Navasota Street, Unit 150, Austin, Texas 78702, ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para el propuesto Permiso No. WQ0016824001 (EPA I.D. No. TX0147974) 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 990,000 galones por día. La instalación de tratamiento de aguas residuales domésticas estará ubicada aproximadamente a 1 milla al suroeste de la intersección de Blake Manor Road y Briar Creek Loop, cerca de la ciudad de Manor, en el Condado de Travis, Texas 78653. La ruta de descarga será desde el sitio de la planta hasta un tributario sin nombre, de allí a Gilleland Creek y de allí al Colorado River Debajo de Lady Bird Lake/Town Lake. La TCEQ recibió esta solicitud el 9 de junio de 2025. La solicitud para el permiso estará disponible para leerla y copiarla en la Biblioteca Pública de Austin – Sucursal University Hills, 4721 Loyola Lane, Austin, en el Condado de Travis, Texas antes de la fecha de publicación de este aviso en el periódico. La solicitud (cualquier actualización y aviso inclusive) está disponible electrónicamente en la siguiente página web: https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications. Este enlace a un mapa electrónico de la ubicación general del sitio o de la instalación es proporcionado como una cortesía y no es parte de la solicitud o del aviso. Para la ubicación exacta, consulte la solicitud. https://gisweb.tceq.texas.gov/LocationMapper/?marker=-97.54779,30.298764&level=18

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

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

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

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

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

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

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

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

LISTA DE CORREO. Si somete comentarios públicos, un pedido para una audiencia administrativa de lo contencioso o una reconsideración de la decisión del Director Ejecutivo, la Oficina del Secretario Principal enviará por correo los avisos públicos en relación con la

solicitud. Además, puede pedir que la TCEQ ponga su nombre en una o más de las listas correos siguientes (1) la lista de correo permanente para recibir los avisos del solicitante indicado por nombre y número del permiso específico y/o (2) la lista de correo de todas las solicitudes en un condado especifico. Si desea que se agrega su nombre en una de las listas designe cual lista(s) y envía por correo su pedido a la Oficina del Secretario Principal de la TCEQ.

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

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

También se puede obtener información adicional de Schoolfield-GroundWork Venture, LLC a la dirección indicada arriba o llamando la Srta. Luci Dunn, P.E., Enprotec / Hibbs & Todd, Inc. (eHT), al 325-698-5560.

Fecha de emisión: 22 de julio de 2025

Leah Whallon

From: Luci Dunn <luci.dunn@e-ht.com>
Sent: Wednesday, July 2, 2025 7:53 AM
To: Leah Whallon
Cc: Steven Spears; Megan Shannon
Subject: Response: Application for Proposed Permit No. WQ0016824001; Schoolfield-GroundWork Venture, LLC; Blake Manor - East Travis County WWTP
Attachments: Response to SGV Admin NOD WQ0016824001.pdf; DAR 1.0-8.F 20972_PLS BM-ETC WWTP r1 6.2025.docx; DAR 1.1-1C Landowner Labels.doc; SVG WQ0016824001 NORI Spanish.docx

Follow Up Flag: Follow up
Flag Status: Flagged

Good Day Leah,
Please see the attached administrative Notice of Deficiency (NOD) response for the Schoolfield-GroundWork Venture, LLC (CN606394971) Blake Manor - East Travis County WWTP (RN112228424) Proposed Permit No.: WQ0016824001.
Please let me know if anything else is needed.
Sincerely,

Luci Dunn, PE
Senior Project Manager
Enprotec / Hibbs & Todd, Inc.
T (325) 698-5560 **M** (817) 694-8382

From: Leah Whallon <Leah.Whallon@Tceq.Texas.Gov>
Sent: Thursday, June 19, 2025 4:35 PM
To: Luci Dunn <luci.dunn@e-ht.com>
Cc: steven@momarkdevelopment.com
Subject: Application for Proposed Permit No. WQ0016824001; Schoolfield-GroundWork Venture, LLC; Blake Manor - East Travis County WWTP

Good Afternoon,

Please disregard the previous email. There was an error in the email template used, but the email attachments are correct.

Please see the attached Notice of Deficiency letter dated June 19, 2025 requesting additional information needed to declare the application administratively complete. Please send the complete response by July 3, 2025.

Please let me know if you have any questions.

Thank you,

Enprotec | Hibbs & Todd

July 2, 2025

Via Email to leah.whallon@tceq.texas.gov

Texas Commission on Environmental Quality
Water Quality Division
Applications Review and Processing Team (MC148)
P.O. Box 13087
Austin, Texas 78711-3087
Attn: Ms. Leah Whallon

Re: Application for Proposed Permit No.: WQ0016824001 (EPA I.D. No. TX0147974)
Applicant Name: Schoolfield-GroundWork Venture, LLC (CN606394971)
Site Name: Blake Manor - East Travis County WWTP (RN112228424)
Type of Application: New

Dear Ms. Whallon:

The TCEQ emailed letter, dated June 19, 2025, indicates that additional information is required before the application can be declared administratively complete. A copy of the referenced TCEQ correspondence is attached for reference. The responses to each item listed in the referenced TCEQ correspondence are as follows:

1. *Core Data Form, Section III, Item 25*
   The location description could not be verified. Please provide a revised page that lists a location description using only a single distance in feet or miles from a nearby intersection. A suggested location description in this format is "approximately 1 mile southwest of the intersection of Blake Manor Road and Briar Creek Loop."

   The suggested location is accurate and is included in the revised, replacement Core Data Form, Section III, Item 25, page 2.

2. *Please also update the physical location description throughout the application to be consistent on all forms including items:*
   - *Administrative Report 1.0, Section 10.A*
   - *Plain Language Summary (TCEQ-20972)*
   - *Supplemental Permit Information Form (TCEQ-20971)*

   The physical location description has been revised throughout the application to state, "approximately 1 mile southwest of the intersection of Blake Manor Road and Briar Creek Loop". The following revised, replacement forms are attached:

   - Administrative Report 1.0, Section 10.A (TCEQ-10053), page 8
   - Plain Language Summary (TCEQ-20972) (PLS)
     - The Word version of the PLS is also attached for convenience.

- Supplemental Permit Information Form (TCEQ-20971) (SPIF), Item 1, page 1
  - In addition to the address change, the proposed Permit Number and the proposed EPA ID Number are inserted into Item 1.

3. *Core Data Form, Section III, Items 27-28*
   The coordinates listed are not near the proposed facility location. Please provide a revised page to update the latitude and longitude.

   The Core Data Form, Section III, Items 27-28, page 2, is updated with the latitude and longitude coordinates for the approximate center point of the proposed new treatment facility location as described in Item 1 above (approximately 1 mile southwest of the intersection of Blake Manor Road and Briar Creek Loop).

4. *Administrative Report 1.1, Section 1*
   Please provide the affected landowner list formatted for mailing labels (Avery 5160) in a Microsoft Word document.

   The Word version of the affected landowner list formatted for mailing labels (Avery 5160) is attached as requested.

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

   APPLICATION. Schoolfield-GroundWork Venture, LLC, 31 Navasota Street, Unit 150, Austin, Texas 78702, has applied to the Texas Commission on Environmental Quality (TCEQ) for proposed Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0016824001 (EPA I.D. No. TX0147974) to authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 990,000 gallons per day. The domestic wastewater treatment facility will be located approximately 1 mile southwest of the intersection of Blake Manor Road and Briar Creek Loop ~~(pending response)~~, near the city of Manor, in Travis County, Texas 78653. The discharge route will be from the plant site to an unnamed tributary, thence to Gilleland Creek, thence to Colorado River Below Lady Bird Lake (pending RWA). TCEQ received this application on June 9, 2025. The permit application will be available for viewing and copying at Austin Public Library – University Hills Branch, 4721 Loyola Lane, Austin, in Travis County, Texas prior to the date this notice is published in the newspaper. The application, including any updates, and associated notices are available electronically at the following webpage:
   https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications.

   This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application.
   [map url link] ~~(pending response)~~

   Further information may also be obtained from Schoolfield-GroundWork Venture, LLC at the address stated above or by calling Ms. Luci Dunn, P.E., Enprotec / Hibbs & Todd, Inc. (eHT), at 325-698-5560.

No corrections appear warranted. The only changes will be removing the (pending response) notes and TCEQ adding the map url link based on the confirmation of the facility location included above.

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

   The translated Spanish NORI in pdf and Word format is attached. The translation removes the "(pending response)" phrases as noted above.

The response is provided as requested by the TCEQ original response deadline of July 3, 2025. Please feel free to call me at 817-694-8382, contact me in writing in the Abilene office, or email me at luci.dunn@e-ht.com with any questions or comments.

Sincerely,

Enprotec / Hibbs & Todd, Inc.

Luci Dunn, P.E.
Senior Project Manager

LD/jd

Attachments TCEQ Administrative Email and Letter, dated 6/19/2025
Revised, Replacement Application Pages:
- Core Data Form, page 2
- Administrative Report 1.0, Section 10.A (TCEQ-10053 page 8)
- PLS (pdf and Word version (file named DAR 1.0-8.F 20972_PLS BM-ETC WWTP r1 6.2025.docx))
- SPIF page 1

Spanish-translated DRAFT NORI (pdf and Word file (file named SVG WQ0016824001 NORI Spanish.docx))
Affected landowner list formatted for mailing labels (Avery 5160) (Word version only (file named DAR 1.1-1C Landowner Labels.doc)

c: Mr. Steven Spears, Schoolfield-GroundWork Venture, LLC, via email to steven@momarkdevelopment.com
Ms. Megan Shannon, Schoolfield-GroundWork Venture, LLC, via email to megan@momarkdevelopment.com
Jordan Hibbs, PE, via email to jordan.hibbs@e-ht.com
Project File 9094

18. Telephone Number	19. Extension or Code	20. Fax Number *(if applicable)*
(512) 391-1789		( ) -

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.)*

Blake Manor - East Travis County WWTP

23. Street Address of the Regulated Entity: ***(No PO Boxes)***	To be Determined						
	City		**State**		**ZIP**		**ZIP + 4**
24. County	Travis						

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

25. Description to Physical Location:	Approximately 1 mile southwest of the intersection of Blake Manor Road and Briar Creek Loop, near Manor, Travis County, Texas 78653				
26. Nearest City			**State**	**Nearest ZIP Code**	
Manor			TX	78653	

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:	30.298764		**28. Longitude (W) In Decimal:**	97.547797	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
30	17	55.55	97	32	52.07

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		221110	

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

Domestic wastewater treatment

34. Mailing Address:	**Schoolfield-Groundwork Venture, LLC**						
	31 Navasota Street, Suite 150						
	City	**Austin**	**State**	**TX**	**ZIP**	**78702**	**ZIP + 4**
35. E-Mail Address:	**steven@momarkdevelopment.com**						

36. Telephone Number	37. Extension or Code	38. Fax Number *(if applicable)*
(512) 391-1789		( ) -

E. Owner of effluent disposal site:

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

Title: N/A Credential: N/A

Organization Name: N/A

Mailing Address: N/A City, State, Zip Code: N/A

Phone No.: N/A E-mail Address: N/A

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

Attachment: N/A

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

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

Title: N/A Credential: N/A

Organization Name: N/A

Mailing Address: N/A City, State, Zip Code: N/A

Phone No.: N/A E-mail Address: N/A

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

Attachment: N/A

Section 10. TPDES Discharge Information (Instructions Page 31)

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

☐ Yes ☐ No

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

Approximately 1 mile southwest of the intersection of Blake Manor Road and Briar Creek Loop, near the city of Manor, in Travis County, Texas 78653.

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:

To an unnamed tributary of Gilleland Creek, thence to Gilleland Creek, thence to Colorado River Below Lady Bird Lake/Town Lake in Segment No. 1428 of the Colorado River Basin

City nearest the outfall(s): Manor

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

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

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

SUMMARY OF APPLICATION IN PLAIN LANGUAGE FOR TPDES OR TLAP PERMIT APPLICATIONS

Summary of Application (in plain language) 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 of your facility and application as required by Title 30, Texas Administrative Code (30 TAC), Chapter 39, Subchapter H. You may modify the template as necessary to accurately describe your 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 you 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. After filling in the information for your facility delete these instructions.

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.

Schoolfield-Groundwork Venture, LLC (CN to be determined) proposes to operate the Blake Manor-East Travis County Wastewater Treatment Plant (RN to be determined), a domestic wastewater treatment plant. The facility will be located at approximately 1 mile southwest of the intersection of Blake Manor Road and Briar Creek Loop, in Manor, Travis County, Texas 78653. The Schoolfield-Groundwork Venture, LLC has applied for a new permit that will authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 330,000 gallons per day in the Interim Phase I, a volume not to exceed a daily average flow of 660,000 gallons per day in the Interim Phase II, and a volume not to exceed a daily average flow of 990,000 gallons per day in the Final Phase.

Discharges from the facility are expected to contain Carbonaceous Biological Oxygen Demand 5-day, Total Suspended Solids, Ammonia Nitrogen, Phosphorus, and E. Coli. Domestic wastewater will be treated by an activated sludge process plant operated in the sequencing

batch reactor (SBR) mode. In the Interim Phase I, treatment units will include bar screens, two sequencing batch reactors (SBRs), two cloth filter basins, a sludge holding tank, solids dewatering, and a chlorine contact chamber/post aeration basin. In the Interim Phase II, one SBR will be added for a total of three SBRs. In the Final Phase, one SBR will be added for a tital of four SBRs. The proposed treatment system is conceptual and does not reflect an engineered design.

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

AGUAS RESIDUALES DOMÉSTICAS /AGUAS PLUVIALES

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

Schoolfield-Groundwork Venture, LLC (CN por determinar) propone operar the Blake Manor-East Travis County Wastewater Treatment Plant (RN por determiner), una planta de tratamiento de aguas residuals domésticas. La instalación estará ubicada en aproxamadamente 1,8 millas al suroeste de la intersección de Blake Manor Road and Briar Creek Loop, en Manor, Condado de Travis, Texas 78653. Schoolfield-Groundwork Venture, LLC ha solicitado un nuevo permiso que autoizará la descarga de aguas residuals tratadas en un volume que no exceda un flujo promedio diario de 330,000 galones por día en la Fase Provisinal I, un volume que no exceda un flujo promedio diario de 660,000 galones por día en la fase Provisional II, y volume que no exceda un flujo promedio diario de 990,000 galones por día en la Fase Final.

Se espera que las descargas de la instalación contengan demanda biológica de oxígeno carbonoso de 5 días, sólidos suspendidos totals, nitrógeno ammoniacal, fósforo y E. coli. Aguas residuals domésticas. estará tratado por una planta de procesamiento de lodos activados operada en modo de reactor secuencial por lotes (SBR). En la Fase Provisional I, las unidades de tratamiento incluirán rejillas de barras, does reactors secuenciales per lotes (SBR), dos tanques de filtración de tela, un tanque de retención de lodos, deshidratación de sólidos y una camara de contacto con cloro/tanqye de post-aireación. En la Fase Provinsional II, se añadirá un SBR para un total de tres SBR. En la Fase Final, se añadirá un SBR para un total de cuatro SBR. El Sistema de tratamiento propuesto es conceptual y no refleja un diseño de ingeniería.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

FOR AGENCIES REVIEWING DOMESTIC OR INDUSTRIAL TPDES WASTEWATER PERMIT APPLICATIONS

TCEQ USE ONLY:

Application type: _____Renewal _____Major Amendment ____Minor Amendment _____New

County: _____ Segment Number: _____

Admin Complete Date: _____

Agency Receiving SPIF:

_____ Texas Historical Commission _____ U.S. Fish and Wildlife

_____ Texas Parks and Wildlife Department _____ U.S. Army Corps of Engineers

This form applies to TPDES permit applications only. (Instructions, Page 53)

Complete this form as a separate document. TCEQ will mail a copy to each agency as required by our agreement with EPA. If any of the items are not completely addressed or further information is needed, we will contact you to provide the information before issuing the permit. Address each item completely.

Do not refer to your response to any item in the permit application form. Provide each attachment for this form separately from the Administrative Report of the application. The application will not be declared administratively complete without this SPIF form being completed in its entirety including all attachments. Questions or comments concerning this form may be directed to the Water Quality Division's Application Review and Processing Team by email at WQ-ARPTeam@tceq.texas.gov or by phone at (512) 239-4671.

The following applies to all applications:

1. Permittee: Schoolfield-Groundwork Venture, LLC

   Permit No. WQ00 16824001 (proposed) EPA ID No. TX 0147974 (proposed)

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

   Permit General Location: Approximately 1 mile southwest of the intersection of Blake Manor Road and Briar Creek Loop, near the city of Manor, in Travis County, Texas 78653.

C. Process Flow Diagram

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

Attachment: DTR 1.0-2.C

Section 3. Site Information and Drawing (Instructions Page 43)

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

- Latitude: 30.299078
- Longitude: -97.550047

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: DTR 1.0-3

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

The service area will include a subdivision that will be constructed on an approximately 492-acre site, consisting primarily of housing and limited supporting commercial uses. Approximately 3,950 residential units ranging from large lot single-family to small lot single-family, from townhomes to multifamily buildings will be developed, coupled with approximately 130 acres of parks and open space. The subdivision name has not been determined.

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
Blake Manor – East Travis County WWTP Collection System	Schoolfield-Groundwork Venture , LLC	Privately Owned	9,875

Section 4. Unbuilt Phases (Instructions Page 44)

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

☐ Yes ☒ No

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. WQ0016824001

SOLICITUD. Schoolfield-GroundWork Venture, LLC, 31 Navasota Street, Unit 150, Austin, Texas 78702, ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para el propuesto Permiso No. WQ0016824001 (EPA I.D. No. TX0147974) 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 990,000 galones por día. La instalación de tratamiento de aguas residuales domésticas estará ubicada aproximadamente a 1 milla al suroeste de la intersección de Blake Manor Road y Briar Creek Loop, cerca de la ciudad de Manor, en el Condado de Travis, Texas 78653. La ruta de descarga será desde el sitio de la planta hasta un tributario sin nombre, de allí a Gilleland Creek y de allí al Colorado River Debajo de Lady Bird Lake (pendiente de RWA). La TCEQ recibió esta solicitud el 9 de junio de 2025. La solicitud para el permiso estará disponible para leerla y copiarla en la Biblioteca Pública de Austin – Sucursal University Hills, 4721 Loyola Lane, Austin, en el Condado de Travis, Texas antes de la fecha de publicación de este aviso en el periódico. La solicitud (cualquier actualización y aviso inclusive) está disponible electrónicamente en la siguiente página web: https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications. Este enlace a un mapa electrónico de la ubicación general del sitio o de la instalación es proporcionado como una cortesía y no es parte de la solicitud o del aviso. Para la ubicación exacta, consulte la solicitud.
[Insert map web link from English notice]

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

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

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

que desean recibir avisos de esta solicitud. El aviso dará la fecha límite para someter comentarios públicos.

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

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

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

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

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

presentado durante el período de comentarios.

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

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

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

También se puede obtener información adicional de Schoolfield-GroundWork Venture, LLC a la dirección indicada arriba o llamando la Srta. Luci Dunn, P.E., Enprotec / Hibbs & Todd, Inc. (eHT), al 325-698-5560.

Fecha de emisión: *[Date notice issued]*

CYCLONE DEVELOPMENT INC
6504 W COURTYARD DR
AUSTIN TX 78730-4922

DEL VALLE MISSIONARY BAPTIST CHURCH INC
17600 BLAKE MANOR RD
MANOR TX 78653-4707

BRIARCREEK OWNERS
4009 BANISTER LN STE 300
AUSTIN TX 78704-7040

MANVILLE WATER SUPPLY
PO BOX 248
COUPLAND TX 78615-0248

BURNETT LYNIKA
14233 GILFORD DR
MANOR TX 78653-4714

ACEVEDO AMILKAR
14237 GILFORD DR
MANOR TX 78653-4714

HARRIS TAMEKA L
18001 RYEGATE DR
MANOR TX 78653-4720

GRUBB ROBERT W & SHARON L
14412 BRIARCREEK LOOP
MANOR TX 78653-4675

MANOR IDEPENDENT SCHOOL DIST
PO BOX 359
MANOR TX 78653-0359

MORK ELISA & WILLIAM
18043 BLAKE MANOR RD
MANOR TX 78653-2932

CROWES NEST FARMS INC
10300 TAYLOR LN
MANOR TX 78653-4700

LIND ELLA LOUISE
10011 TAYLOR LN
MANOR TX 78653-4712

WVV1P3 LP
600 NORTHLAKE BLVD STE 130
ALTAMONTE SPRINGS FL 32701-6130

CLUB DEAL 120 WHISPER VALLEY LP
9285 HUNTINGTON SQ
NORTH RICHLAND HILLS TX 76182-4366

Enprotec | Hibbs & Todd

June 9, 2025

Via TCEQ FTP Server Upload (Share to WQDeCopy@tceq.texas.gov) and with Hard Copies to Follow

Executive Director
Applications Review and Processing Team (MC148)
Texas Commission on Environmental Quality
12100 Park 35 Circle
Austin, Texas 78753

Re: TPDES New Permit Application
Applicant: Schoolfield-Groundwork Venture, LLC
Site Name: Blake Manor-East Travis County WWTP
Location: Approximately 3.8 miles southeast of the intersection of State Highway 130 and US Highway 290, near Manor, Travis County, Texas 78653

Dear Sir / Madam:

Enclosed with this letter are one original and two copies of the TCEQ Municipal Wastewater Permit Application and applicable attachments for a proposed new facility. Per the new rule requirements under Title 30 Texas Administrative Code (TAC) Chapter 39 relating to public notices, the Plain Language Summary (PLS) Form TCEQ-20972 in Word format in English is attached as a separate file in the FTPS upload; the PLS hard copy is found in Attachment DAR 1.0-8.F. If there are any questions, please let me know at luci.dunn@e-ht.com or at (817) 694-8382.

Sincerely,

Enprotec / Hibbs & Todd, Inc.

Luci Dunn

Luci Dunn, P.E.
Senior Project Manager

LD/jd

c: Mr. Steven Spears, Schoolfield-Groundwork Venture, LLC via email to steven@momarkdevelopment.com
Jordan Hibbs, PE, via email to jordan.hibbs@e-ht.com
Project File 9094
P:\Projects\TPDES Permit Applications\Schoolfield Groundwork Venture LLC\9094 - Blake Manor-East Travis County WWTP\1. Correspondence\TPDES New Permit App Submittal Ltr to TCEQ.docx

NEW TPDES PERMIT APPLICATION

BLAKE MANOR-EAST TRAVIS COUNTY WASTEWATER TREATMENT PLANT

Permit No. TBD

JUNE 2025

Applicant:

Schoolfield-Groundwork Venture, LLC
31 Navasota Street, Suite 150
Austin, Texas 78702

Abilene I Lubbock I Granbury
PE Firm Registration No. 1151
PG Firm Registration No. 50103
RPLS Firm Registration No. 10011900

Corporate Headquarters
402 Cedar Street
Abilene, Texas 79601
T: (325) 698-5560
F: (325) 690-3240

www.e-ht.com

Enprotec | Hibbs & Todd

Table of Contents
New TPDES Permit Application
Blake Manor-East Travis County WWTP
Schoolfield-Groundwork Venture, LLC

Attachments

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST

Complete and submit this checklist with the application.

APPLICANT NAME: Schoolfield-Groundwork Venture, LLC

PERMIT NUMBER (If new, leave blank): WQ00

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

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

For TCEQ Use Only

Segment Number _____County _____
Expiration Date _____Region_____
Permit Number _____

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

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

Section 1. Application Fees (Instructions Page 26)

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

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

Minor Amendment (for any flow) $150.00 ☐

Payment Information:

Mailed — Check/Money Order Number: Click to enter text.

Check/Money Order Amount: Click to enter text.

Name Printed on Check: Click to enter text.

EPAY — Voucher Number: 769708, 769709

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 Water Treatment

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

☐ Active ☒ Inactive

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

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

d. Check the box next to the appropriate application type

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

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

f. For existing permits:

Permit Number: WQ00 N/A

EPA I.D. (TPDES only): TX N/A

Expiration Date: N/A

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

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

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

Schoolfield-Groundwork Venture, 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: To be Determined (TBD) – Core Data From attached

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

Prefix: Ms. Last Name, First Name: Shannon, Megan

Title: Principal Credential: N/A

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

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

N/A

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

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

CN: N/A

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

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

Title: N/A Credential: N/A

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

C. Core Data Form

Complete the Core Data Form for each customer and include as an attachment. If the customer type selected on the Core Data Form is **Individual**, complete **Attachment 1** of Administrative Report 1.0. Attachment DAR 1.0-3.C

Section 4. Application Contact Information (Instructions Page 27)

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

A. Prefix: Ms. Last Name, First Name: Dunn, Luci

Title: Senior Project Manager Credential: P.E.

Organization Name: Enprotec / Hibbs & Todd, Inc. (eHT)

Mailing Address: PO Box 3097 City, State, Zip Code: Abilene, Texas 79604

Phone No.: (817) 694-8382 E-mail Address: luci.dunn@e-ht.com

Check one or both: ☒ Administrative Contact ☒ Technical Contact

B. Prefix: Mr. Last Name, First Name: Spears, Steven

Title: Principal Credential: N/A

Organization Name: Schoolfield-Groundwork Venture, LLC

Mailing Address: 31 Navasota Street, Suite 150 City, State, Zip Code: Austin, Texas 78702

Phone No.: (512) 391-1789 E-mail Address: steven@momarkdevelopment.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: Spears, Steven

Title: Principal Credential: N/A

Organization Name: Schoolfield-Groundwork Venture, LLC

Mailing Address: 31 Navasota Street, Suite 150 City, State, Zip Code: Austin, Texas 78702

Phone No.: (512) 391-1789 E-mail Address: steven@momarkdevelopment.com

B. Prefix: Ms. Last Name, First Name: Shannon, Megan

Title: Principal Credential: N/A

Organization Name: Schoolfield-Groundwork Venture, LLC

Mailing Address: 31 Navasota Street, Suite 150 City, State, Zip Code: Austin, Texas 78702

Phone No.: (512) 391-1789 E-mail Address: megan@momarkdevelopment.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: Spears, Steven

Title: Principal Credential: N/A

Organization Name: Schoolfield-Groundwork Venture, LLC

Mailing Address: 31 Navasota Street, Suite 150 City, State, Zip Code: Austin, Texas 78702

Phone No.: (512) 391-1789 E-mail Address: steven@momarkdevelopment.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: N/A Last Name, First Name: To Be Determined prior to Start-up

Title: TDB Credential: TBD

Organization Name: TBD

Mailing Address: TBD City, State, Zip Code: TBD

Phone No.: TBD E-mail Address: TBD

Section 8. Public Notice Information (Instructions Page 27)

A. Individual Publishing the Notices

Prefix: Ms. Last Name, First Name: Dunn, Luci

Title: Senior Project Manager Credential: P.E.

Organization Name: Enprotec / Hibbs & Todd, Inc. (eHT)

Mailing Address: PO Box 3097 City, State, Zip Code: Abilene, Texas 79604

Phone No.: (817) 694-8382 E-mail Address: luci.dunn@e-ht.com

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

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

☒ E-mail Address

☐ Fax

☐ Regular Mail

C. Contact permit to be listed in the Notices

Prefix: Ms. Last Name, First Name: Dunn, Luci

Title: Senior Project Manager Credential: P.E.

Organization Name: Enprotec / Hibbs & Todd, Inc.

Mailing Address: P.O. Box 3097 City, State, Zip Code: Abilene, Texas 79604

Phone No.: (325) 698-5560 E-mail Address: luci.dunn@e-ht.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: Austin Public Library – University Hills Branch

Location within the building: Front Desk

Physical Address of Building: 4721 Loyola Ln

City: Austin County: Travis

Contact (Last Name, First Name): Raab, Steve

Phone No.: (512) 974-9940 Ext.: N/A

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. Summary of Application in Plain Language Template

Complete the F. Summary of Application in Plain Language Template (TCEQ Form 20972), also known as the plain language summary or PLS, and include as an attachment.

Attachment: DAR 1.0-8.F

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: DAR 1.0-8.G

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** TBD – Core Data Form attached.

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):

Blake Manor – East Travis County WWTP

C. Owner of treatment facility: Schoolfield-Groundwork Venture, LLC

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

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

Prefix: Ms. Last Name, First Name: Shannon, Megan

Title: Principal Credential: N/A

Organization Name: Schoolfield-Groundwork Venture, LLC

Mailing Address: 31 Navasota Street, Suite 150 City, State, Zip Code: Austin, Texas 78702

Phone No.: (512) 391-1789 E-mail Address: megan@momarkdevelopment.com

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

Attachment: N/A

E. Owner of effluent disposal site:

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

Title: N/A Credential: N/A

Organization Name: N/A

Mailing Address: N/A City, State, Zip Code: N/A

Phone No.: N/A E-mail Address: N/A

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

Attachment: N/A

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

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

Title: N/A Credential: N/A

Organization Name: N/A

Mailing Address: N/A City, State, Zip Code: N/A

Phone No.: N/A E-mail Address: N/A

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

Attachment: N/A

Section 10. TPDES Discharge Information (Instructions Page 31)

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

☐ Yes ☐ No

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

Approximately 3.8 miles southeast of the intersection of State Highway 130 and US Highway 290, near Manor, Travis County, Texas 78653.

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:

To an unnamed tributary of Gilleland Creek, thence to Gilleland Creek, thence to Colorado River Below Lady Bird Lake/Town Lake in Segment No. 1428 of the Colorado River Basin

City nearest the outfall(s): Manor

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

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: N/A

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

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:

N/A

B. City nearest the disposal site: N/A

C. County in which the disposal site is located: N/A

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

N/A

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

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.

N/A

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

☐ Yes ☒ No

If yes, list each person formerly employed by the TCEQ who represented your company and was paid for service regarding the application: N/A

D. Do you owe any fees to the TCEQ?

☐ Yes ☒ No

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

Account number: N/A

Amount past due: N/A

E. Do you owe any penalties to the TCEQ?

☐ Yes ☒ No

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

Enforcement order number: N/A

Amount past due: N/A

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: See Table of Contents

Section 14. Signature Page (Instructions Page 34)

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

Permit Number: To Be Determined

Applicant: Schoolfield-Groundwork Venture, 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): Megan Shannon

Signatory title: Principal

Signature: Megan Shannon Date: June 9, 2025
(Use blue ink)

Subscribed and Sworn to before me by the said Megan Shannon
on this 4th day of June, 20 25.
My commission expires on the 11th day of September, 20 26.

Notary Public *[SEAL]*

TRAVIS COUNTY
County, Texas

NOTARY PUBLIC STATE OF TEXAS
DEBRA L. STRATTON
MY COMMISSION EXPIRES
9/11/2026
NOTARY ID: 131719416

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 that the landowners list has also been provided as mailing labels in electronic format (Avery 5160).

D. Provide the source of the landowners' names and mailing addresses: Travis County CAD

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):

N/A

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: SPIF

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.0

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

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

Section 1. Permitted or Proposed Flows (Instructions Page 42)

A. Existing/Interim I Phase

Design Flow (MGD): 0.33

2-Hr Peak Flow (MGD): N/A for SBR (batch discharge)

Estimated construction start date: January 2026

Estimated waste disposal start date: January 2027

B. Interim II Phase

Design Flow (MGD): 0.66

2-Hr Peak Flow (MGD): N/A for SBR (batch discharge)

Estimated construction start date: January 2030

Estimated waste disposal start date: June 2030

C. Final Phase

Design Flow (MGD): 0.99

2-Hr Peak Flow (MGD): N/A for SBR (batch discharge)

Estimated construction start date: January 2035

Estimated waste disposal start date: June 2035

D. Current Operating Phase

Provide the startup date of the facility: N/A – proposed new WWTP.

Section 2. Treatment Process (Instructions Page 42)

A. Current Operating Phase

Provide a detailed description of the treatment process. **Include the type of treatment plant, mode of operation, and all treatment units.** Start with the plant's head works and finish with the point of discharge. Include all sludge processing and drying units. **If more than one phase exists or is proposed, a description of *each phase* must be provided**.

The wastewater treatment system is proposed to be an activated sludge process plant operated in the sequencing batch reactor (SBR) mode. In the Interim Phase I, treatment units will include bar screens, two sequencing batch reactors (SBRs), two cloth filter basins, a sludge holding tank, solids dewatering, and a chlorine contact chamber/post aeration basin. In the Interim Phase II, one SBR will be added for a total of three SBRs. In the Final Phase, one SBR will be added for a total of four SBRs. The proposed treatment system is conceptual and does not reflect an engineered design.

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)
Interim Phase I		
Bar Screens	2	1 manual & 1 mechanical
Sequencing Batch Reactor Basin	2	60’ x 35’-10” (Average - varies slightly) x 13’-6” SWD
Cloth Filter Basin	2	11’-6” x 8’-6” x 10’ SWD
Chlorine Contact / Post-aeration Basin	2	50’-4” x 10’ x 8-3” SWD
Sludge Storage Tank	1	40’ Diameter, 9’ SWD
Sludge Storage Tank	1	40’ Diameter, 9’ SWD
Interim Phase II		
Bar Screens	2	1 manual & 1 mechanical
Sequencing Batch Reactor Basin	3	60’ x 35’-10” (Average - varies slightly) x 13’-6” SWD
Cloth Filter Basin	2	11’-6” x 8’-6” x 10’ SWD
Chlorine Contact / Post-aeration Basin	2	50’-4” x 10’ x 8-3” SWD
Sludge Storage Tank	1	40’ Diameter, 9’ SWD
Final Phase		
Bar Screens	2	1 manual & 1 mechanical
Sequencing Batch Reactor Basin	4	60’ x 35’-10” (Average - varies slightly) x 13’-6” SWD
Cloth Filter Basin	2	11’-6” x 8’-6” x 10’ SWD
Chlorine Contact / Post-aeration Basin	2	50’-4” x 10’ x 8-3” SWD
Sludge Storage Tank	1	40’ Diameter, 9’ SWD
The proposed treatment unit sizes are based on the conceptual treatment system and do not reflect an engineered design.		

C. Process Flow Diagram

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

Attachment: DTR 1.0-2.C

Section 3. Site Information and Drawing (Instructions Page 43)

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

- Latitude: 30.229078
- Longitude: -97.550047

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: DTR 1.0-3

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

The service area will include a subdivision that will be constructed on an approximately 492-acre site, consisting primarily of housing and limited supporting commercial uses. Approximately 3,950 residential units ranging from large lot single-family to small lot single-family, from townhomes to multifamily buildings will be developed, coupled with approximately 130 acres of parks and open space. The subdivision name has not been determined.

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
Blake Manor – East Travis County WWTP Collection System	Schoolfield-Groundwork Venture , LLC	Privately Owned	9,875

Section 4. Unbuilt Phases (Instructions Page 44)

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**.

N/A – New permit

Section 5. Closure Plans (Instructions Page 44)

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.

N/A

Section 6. Permit Specific Requirements (Instructions Page 44)

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: Will be submitted prior to construction.

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**.

N/A – new permit

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.

By Ownership

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*.

N/A – new permit

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.
N/A

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

1. Acceptance of sludge from other WWTPs

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

☐ Yes ☒ No

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

In addition, provide the date the plant started or is anticipated to start accepting sludge, an estimate of monthly sludge acceptance (gallons or millions of gallons), an estimate of the BOD_5 concentration of the sludge, and the design BOD_5 concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.

N/A

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

2. ***Acceptance of septic waste***

Is the facility accepting or will it accept septic waste?

☐ Yes ☒ No

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

☐ Yes ☐ No

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

☐ Yes ☐ No

If yes to any of the above, provide the date the plant started or is anticipated to start accepting septic waste, an estimate of monthly septic waste acceptance (gallons or millions of gallons), an estimate of the BOD_5 concentration of the septic waste, and the design BOD_5 concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.

N/A

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

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

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

☐ Yes ☒ No

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

N/A

Section 7. Pollutant Analysis of Treated Effluent (Instructions Page 49)

Is the facility in operation?

☐ Yes ☒ No

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

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

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

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

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
$CBOD_5$, mg/l					
Total Suspended Solids, mg/l					
Ammonia Nitrogen, mg/l					
Nitrate Nitrogen, mg/l					
Total Kjeldahl Nitrogen, mg/l					
Sulfate, mg/l					
Chloride, mg/l					
Total Phosphorus, mg/l					
pH, standard units					
Dissolved Oxygen*, mg/l					
Chlorine Residual, mg/l					
E.coli (CFU/100ml) freshwater					
Entercocci (CFU/100ml) saltwater					
Total Dissolved Solids, mg/l					
Electrical Conductivity, µmohs/cm, †					
Oil & Grease, mg/l					
Alkalinity ($CaCO_3$)*, mg/l					

*TPDES permits only
†TLAP permits only

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

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

Section 8. Facility Operator (Instructions Page 49)

Facility Operator Name: TBD – projected to be operated by 3rd party operator or similar

Facility Operator's License Classification and Level: TBD

Facility Operator's License Number: TBD

Section 9. Sludge and Biosolids Management and Disposal (Instructions Page 50)

A. WWTP's Sewage Sludge or Biosolids Management Facility Type

Check all that apply. See instructions for guidance

- ☐ Design flow>= 1 MGD
- ☐ Serves >= 10,000 people
- ☐ Class I Sludge Management Facility (per 40 CFR § 503.9)
- ☐ Biosolids generator
- ☐ Biosolids end user – land application (onsite)
- ☐ Biosolids end user – surface disposal (onsite)
- ☐ Biosolids end user – incinerator (onsite)

B. WWTP's Sewage Sludge or 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:

C. Sewage Sludge or Biosolids Management

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

permit will authorize all sewage sludge or 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 Handler or Preparer	Not Applicable	340	N/ A for disposal in landfill	

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

D. Disposal site

Disposal site name: Travis County Landfill

TCEQ permit or registration number: MSW 1841C

County where disposal site is located: Travis County

E. Transportation method

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

Name of the hauler: Magna-Flow Environmental

Hauler registration number: 21484

Sludge is transported as a:

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

Section 10. Permit Authorization for Sewage Sludge Disposal (Instructions Page 52)

A. Beneficial use authorization

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

☐ Yes ☒ No

If yes, are you requesting to continue this authorization to land apply biosolids 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 Biosolids	☐ Yes	☒ No
Sludge Surface Disposal or Sludge Monofill	☐ Yes	☒ No
Temporary storage in sludge lagoons	☐ Yes	☒ No

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

☐ Yes ☐ No

Section 11. Sewage Sludge Lagoons (Instructions Page 53)

Does this facility include sewage sludge lagoons?

☐ Yes ☒ No

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

A. Location information

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

- Original General Highway (County) Map:

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

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

  Attachment: Click to enter text.
- Site map:

  Attachment: Click to enter text.

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

☐ Overlap a designated 100-year frequency flood plain

☐ Soils with flooding classification

☐ Overlap an unstable area

☐ Wetlands

☐ Located less than 60 meters from a fault

☐ None of the above

Attachment: Click to enter text.

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

Click to enter text.

B. Temporary storage information

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

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

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

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

Phosphorus, mg/kg: Click to enter text.

Potassium, mg/kg: Click to enter text.

pH, standard units: Click to enter text.

Ammonia Nitrogen mg/kg: Click to enter text.

Arsenic: Click to enter text.

Cadmium: Click to enter text.

Chromium: Click to enter text.

Copper: Click to enter text.

Lead: Click to enter text.

Mercury: Click to enter text.

Molybdenum: Click to enter text.

Nickel: Click to enter text.

Selenium: Click to enter text.

Zinc: Click to enter text.

Total PCBs: Click to enter text.

Provide the following information:

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

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

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

C. Liner information

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

☐ Yes ☐ No

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

Click to enter text.

D. Site development plan

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

Click to enter text.

Attach the following documents to the application.

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

  Attachment: Click to enter text.

- Copy of the closure plan

  Attachment: Click to enter text.

- Copy of deed recordation for the site

  Attachment: Click to enter text.

- Size of the sludge lagoon(s) in surface acres and capacity in cubic feet and gallons

  Attachment: Click to enter text.

- Description of the method of controlling infiltration of groundwater and surface water from entering the site

  Attachment: Click to enter text.

- Procedures to prevent the occurrence of nuisance conditions

  Attachment: Click to enter text.

E. Groundwater monitoring

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

☐ Yes ☐ No

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

Attachment: Click to enter text.

Section 12. Authorizations/Compliance/Enforcement (Instructions Page 54)

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:

Although the answer above is No since this application is for a new facility, the Schoolfield-Groundwork Venture, LLC intends to apply for a reuse authorization such that the maximum amount of treated effluent may be beneficially reused on-site for irrigation rather than discharged.

B. Permittee enforcement status

Is the permittee currently under enforcement for this facility?

☐ Yes ☒ No

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

☐ Yes ☒ No

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

N/A

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

A. RCRA hazardous wastes

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: N/A

Section 14. Laboratory Accreditation (Instructions Page 55)

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: Megan Shannon

Title: Principal

Signature: Megan Shannon

Date: 6/9/2025

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 56)

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.

See Attachment DTR 1.0-1.A.

B. Regionalization of facilities

For additional guidance, please review TCEQ's Regionalization Policy for Wastewater Treatment[1].

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: N/A

If yes, attach correspondence from the city.

Attachment: N/A

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

Attachment: N/A

2. *Utility CCN areas*

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

☒ Yes ☐ No

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: DTR 1.1-1.B.2

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

3. Nearby WWTPs or collection systems

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

☒ Yes ☐ No

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

Attachment: DTR 1.1-3.A

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: DTR 1.1-3.B

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: DTR 1.1-3.C

Section 2. Proposed Organic Loading (Instructions Page 58)

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): N/A

Average Influent Organic Strength or BOD_5 Concentration in mg/l: N/A

Average Influent Loading (lbs/day = total average flow X average BOD_5 conc. X 8.34): N/A

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

N/A

B. Proposed organic loading

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

Table 1.1(1) – Design Organic Loading

Source	Total Average Flow (MGD)	Influent BOD5 Concentration (mg/l)
Municipality	0	

Source	Total Average Flow (MGD)	Influent BOD5 Concentration (mg/l)
Subdivision	0.99	250
Trailer park – transient	0	
Mobile home park	0	
School with cafeteria and showers	0	
School with cafeteria, no showers	0	
Recreational park, overnight use	0	
Recreational park, day use	0	
Office building or factory	0	
Motel	0	
Restaurant	0	
Hospital	0	
Nursing home	0	
Other	0	
TOTAL FLOW from all sources	0.99	
AVERAGE BOD_5 from all sources		250

Section 3. Proposed Effluent Quality and Disinfection (Instructions Page 58)

A. Existing/Interim I Phase Design Effluent Quality

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

Total Suspended Solids, mg/l: N/A

Ammonia Nitrogen, mg/l: N/A

Total Phosphorus, mg/l: N/A

Dissolved Oxygen, mg/l: N/A

Other: N/A

B. Interim II Phase Design Effluent Quality

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

Total Suspended Solids, mg/l: N/A

Ammonia Nitrogen, mg/l: N/A

Total Phosphorus, mg/l: N/A

Dissolved Oxygen, mg/l: N/A

Other: N/A

C. Final Phase Design Effluent Quality

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

Total Suspended Solids, mg/l: 5

Ammonia Nitrogen, mg/l: 2

Total Phosphorus, mg/l: 1

Dissolved Oxygen, mg/l: 4

Other: E coli – 126* CFU or MPN/100 ml (* May be less since Segment 1428C (Gilleland Creek) is impaired for Bacteria (Category 4a)).

D. Disinfection Method

Identify the proposed method of disinfection.

☒ Chlorine: 1.0 mg/l after 20 minutes detention time at peak flow

Dechlorination process: N/A (<1 MGD)

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

☐ Other: Click to enter text.

Section 4. Design Calculations (Instructions Page 58)

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

Attachment: DTR 1.1-4

Section 5. Facility Site (Instructions Page 59)

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.

N/A

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

FEMA Map Panel 48453C0485J and Panel 4853C0495J, both effective 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: N/A

If no, provide the approximate date you anticipate submitting your application to the Corps: N/A

B. Wind rose

Attach a wind rose: See Attachment DTR 1.1-5.B

Section 6. Permit Authorization for Sewage Sludge Disposal (Instructions Page 59)

A. Beneficial use authorization

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

☐ Yes ☒ No

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

B. Sludge processing authorization

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

☐ Sludge Composting

☐ Marketing and Distribution of sludge

☐ Sludge Surface Disposal or Sludge Monofill

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

Section 7. Sewage Sludge Solids Management Plan (Instructions Page 60)

Attach a solids management plan to the application.

Attachment: DTR 1.1-7

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 63)

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

☐ Yes ☒ No

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

Owner of the drinking water supply: N/A

Distance and direction to the intake: N/A

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

Attachment: N/A

Section 2. Discharge into Tidally Affected Waters (Instructions Page 63)

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 63)

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 63)

Name of the immediate receiving waters: Unnamed tributary of Gilleland Creek

A. Receiving water type

Identify the appropriate description of the receiving waters.

☒ Stream

☐ Freshwater Swamp or Marsh

☐ Lake or Pond

Surface area, in acres:

Average depth of the entire water body, in feet:

Average depth of water body within a 500-foot radius of discharge point, in feet:

☐ Man-made Channel or Ditch

☐ Open Bay

☐ Tidal Stream, Bayou, or Marsh

☐ Other, specify:

B. Flow characteristics

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

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

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

☐ Perennial - normally flowing

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

☐ USGS flow records

☐ Historical observation by adjacent landowners

☒ Personal observation

☐ Other, specify: Click to enter text.

C. Downstream perennial confluences

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

Gilleland 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.

N/A

E. Normal dry weather characteristics

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

Dry creek bed with small to medium river rocks

Date and time of observation: 4/17/2025 in afternoon (PM)

Was the water body influenced by stormwater runoff during observations?

☐ Yes ☒ No

Section 5. General Characteristics of the Waterbody (Instructions Page 65)

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:

B. Waterbody uses

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

☐ Livestock watering
☐ Contact recreation
☐ Irrigation withdrawal
☐ Non-contact recreation
☐ Fishing
☐ Navigation
☐ Domestic water supply
☐ Industrial water supply

☐ Park activities ☐ Other(s), specify: Click to enter text.

C. Waterbody aesthetics

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

☐ Wilderness: outstanding natural beauty; usually wooded or unpastured area; water clarity exceptional

☒ Natural Area: trees and/or native vegetation; some development evident (from fields, pastures, dwellings); water clarity discolored

☐ Common Setting: not offensive; developed but uncluttered; water may be colored or turbid

☐ Offensive: stream does not enhance aesthetics; cluttered; highly developed; dumping areas; water discolored

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 2.1: STREAM PHYSICAL CHARACTERISTICS

Required for new applications, major facilities, and applications adding an outfall.

Worksheet 2.1 is not required for discharges to intermittent streams or discharges directly to (or within 300 feet of) a classified segment.

Section 1. General Information (Instructions Page 65)

Date of study: 4/28/2025 Time of study: 10:00 AM

Stream name: Unnamed Tributary of Gilleland Creek

Location: From outfall location (30.299078°, -97.550047°) to 0.5-miles downstream along unnamed tributary of Gilleland Creek.

Type of stream upstream of existing discharge or downstream of proposed discharge (check one).

☐ Perennial ☒ Intermittent with perennial pools

Section 2. Data Collection (Instructions Page 65)

Number of stream bends that are well defined: 4

Number of stream bends that are moderately defined: 7

Number of stream bends that are poorly defined: 0

Number of riffles: 0

Evidence of flow fluctuations (check one):

☒ Minor ☐ moderate ☐ severe

Indicate the observed stream uses and if there is evidence of flow fluctuations or channel obstruction/modification.

There is an adjacent obstruction northeast of and adjacent to the channel flow path located 1,072 feet downstream of the outfall (at 30.297522°, -97.551856°); it does not appear to impede flow since there is no pool located in its vicinity.
There may have been a channel obstruction near T8 historically, but it does not appear to be present currently.
At the end of the area evaluated, there is a concrete low water crossing that appears to be part of a walking trail. It is located at 30.294418°, -97.555193°. The low water crossing was installed between 1/2018 and 11/2019. It does not appear to impede flow.
Data Source: Google Earth Imagery during Critical Conditions (7/2015).

Stream transects

In the table below, provide the following information for each transect downstream of the existing or proposed discharges. Use a separate row for each transect.

Table 2.1(1) - Stream Transect Records

Stream type at transect Select riffle, run, glide, or pool. See Instructions, Definitions section.	**Transect location**	**Water surface width (ft)**	**Stream depths (ft)** at 4 to 10 points along each transect from the channel bed to the water surface. Separate the measurements with commas.
Pool	T1: 842 ft downstream from outfall (T1) (30.297710°, -97.551553°)	11	1
Pool	T2: 1,998 ft downstream from outfall. (1,156 ft downstream of T1) (30.295335°, -97.552672°)	10	2
Pool	T3: 2,093 ft downstream from outfall. (95 ft downstream of T2) (30.295388°, -97.552951°)	16	1
Pool	T4: 2,278 ft downstream from outfall. (185 ft downstream of T3) (30.295388°, -97.552951°)	15	3
Pool	T5: 2,532 ft downstream from outfall. (254 ft downstream of T4) (30.295276°, -97.553986°)	12	1
Pool	T6: 2,689 ft downstream from outfall. (157 ft downstream of T5) (30.295176°, -97.554472°)	9	1
Pool	T7: 2,901 ft downstream from outfall. (212 ft downstream of T6) (30.294833°, -97.554978°)	15	2
Pool	T8: 2,997 ft downstream from outfall. (96 ft downstream of T7) (30.294627°, -97.554801°)	12	2

Stream type at transect Select riffle, run, glide, or pool. See Instructions, Definitions section.	**Transect location**	**Water surface width (ft)**	**Stream depths (ft)** at 4 to 10 points along each transect from the channel bed to the water surface. Separate the measurements with commas.
Pool	T9: 3,127 ft downstream from outfall. (130 ft downstream of T8) (30.294496˚, -97.555133˚)	8	1

Section 3. Summarize Measurements (Instructions Page 65)

Streambed slope of entire reach, from USGS map in feet/feet: 0.0057 feet/feet

Approximate drainage area above the most downstream transect (from USGS map or county highway map, in square miles): 1.2

Length of stream evaluated, in feet: 3,171

Number of lateral transects made: 9

Average stream width, in feet: Average Pool Width = 12

Average stream depth, in feet: Dry

Average stream velocity, in feet/second: Dry

Instantaneous stream flow, in cubic feet/second: Dry

Indicate flow measurement method (type of meter, floating chip timed over a fixed distance, etc.): Dry

Size of pools (large, small, moderate, none): Small

Maximum pool depth, in feet: 3

Attachment DAR 1.0-1

Fee Payment

Your transaction is complete. Thank you for using TCEQ ePay.

Note: It may take up to 3 working days for this electronic payment to be processed and be reflected in the TCEQ ePay system. Print this receipt and the vouchers for your records. An email receipt has also been sent.

Transaction Information

Trace Number: 582EA000671169
Date: 06/05/2025 01:45 PM
Payment Method: ACH - Authorization 0000000000
ePay Actor: DEBRA STRATTON
Actor Email: debra@momarkdevelopment.com
IP: 70.112.98.14
TCEQ Amount: $1,650.00
Texas.gov Fee: $0.00
Texas.gov Price: $1,650.00*

* This service is provided by Texas.gov, the official website of Texas. The price of this service includes funds that support the ongoing operations and enhancements of Texas.gov, which is provided by a third party in partnership with the State.

Payment Contact Information

Name: DEBRA STRATTON
Company: SCHOOLFIELD GROUNDWORK VENTURE LLC
Address: 31 NAVASOTA STREET 150, AUSTIN, TX 78702
Phone: 520-661-9772

Cart Items

Click on the voucher number to see the voucher details.

Voucher	Fee Description	AR Number	Amount
769708	WW PERMIT - FACILITY WITH FLOW >= .50 & < 1.0 MGD - NEW AND MAJOR AMENDMENTS		$1,600.00
769709	30 TAC 305.53B WQ NOTIFICATION FEE		$50.00
		TCEQ Amount:	$1,650.00

ePay Again | Exit ePay

Note: It may take up to 3 working days for this electronic payment to be processed and be reflected in the TCEQ ePay system. Print this receipt for your records.

Attachment DAR 1.0-3.C

Core Data Form

TCEQ Use Only

TCEQ Core Data Form

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

SECTION I: General Information

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

☒ New Permit, Registration or Authorization (*Core Data Form should be submitted with the program application.*)

☐ Renewal *(Core Data Form should be submitted with the renewal form)* ☐ Other

2. Customer Reference Number *(if issued)*	Follow this link to search for CN or RN numbers in Central Registry**	**3. Regulated Entity Reference Number** *(if issued)*
CN		**RN**

SECTION II: Customer Information

4. General Customer Information	**5. Effective Date for Customer Information Updates** (mm/dd/yyyy)	04/01/2025

☒ New Customer ☐ Update to Customer Information ☐ Change in Regulated Entity Ownership
☐ Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)

The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).

6. Customer Legal Name *(If an individual, print last name first: eg: Doe, John)*	*If new Customer, enter previous Customer below:*
Schoolfield-Groundwork Venture, LLC	

7. TX SOS/CPA Filing Number	**8. TX State Tax ID** (11 digits)	**9. Federal Tax ID** (9 digits)	**10. DUNS Number** *(if applicable)*
0803977220	32078191452	862836958	

11. Type of Customer:	☒ Corporation	☐ Individual	Partnership: ☐ General ☐ Limited
Government: ☐ City ☐ County ☐ Federal ☐ Local ☐ State ☐ Other		☐ Sole Proprietorship	☐ Other:

12. Number of Employees	**13. Independently Owned and Operated?**
☒ 0-20 ☐ 21-100 ☐ 101-250 ☐ 251-500 ☐ 501 and higher	☒ **Yes** ☐ **No**

14. Customer Role (Proposed or Actual) – *as it relates to the Regulated Entity listed on this form. Please check one of the following*

☒ Owner ☐ Operator ☐ Owner & Operator
☐ Occupational Licensee ☐ Responsible Party ☐ VCP/BSA Applicant ☐ Other:

15. Mailing Address:	31 Navasota Street, Suite 150						
	City	Austin	**State**	TX	**ZIP**	78702	**ZIP + 4**

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

18. Telephone Number	**19. Extension or Code**	**20. Fax Number** *(if applicable)*
(512) 391-1789		( ) -

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.)*

Blake Manor - East Travis County WWTP

23. Street Address of the Regulated Entity: *(No PO Boxes)*	To be Determined							
	City		**State**		**ZIP**		**ZIP + 4**	
24. County	Travis							

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

25. Description to Physical Location:	Core Data Location: From the intersection of E Brenham St and Lexington St in Manor, approximately 0.4 miles south, southeast along E Brenham, then continue approximately 2 miles along Blake-Manor Rd. Site is located on the south side of Blake-Manor Rd. Permit Location (general): Approximately 3.8 miles southeast of the intersection of State Highway 130 and US Highway 290, near Manor, Travis County, Texas 78653

26. Nearest City	**State**	**Nearest ZIP Code**
Manor	TX	78653

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:	30.309551		**28. Longitude (W) In Decimal:**	97.537327	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
30	18	34.38	97	32	14.38

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		221110	

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

Domestic wastewater treatment

34. Mailing Address:	**Schoolfield-Groundwork Venture, LLC**							
	31 Navasota Street, Suite 150							
	City	**Austin**	**State**	**TX**	**ZIP**	**78702**	**ZIP + 4**	

35. E-Mail Address:	**steven@momarkdevelopment.com**

36. Telephone Number	**37. Extension or Code**	**38. Fax Number** *(If applicable)*
(512) 391-1789		**( ) -**

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

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

SECTION IV: Preparer Information

40. Name:	Luci Dunn, PE	**41. Title:**	Senior Project Manager with eHT

42. Telephone Number	**43. Ext./Code**	**44. Fax Number**	**45. E-Mail Address**
(817) 694-8382		( ) -	luci.dunn@e-ht.com

SECTION V: Authorized Signature

46. By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 6 and/or as required for the updates to the ID numbers identified in field 39.

Company:	Schoolfield-Groundwork Venture, LLC	**Job Title:**	Principal
Name *(In Print):*	Megan Shannon	**Phone:**	(512) 391- **1789**
Signature:	Megan Shannon	**Date:**	6/9/2025

Attachment DAR 1.0-8.F

Plain Language Summary Form

(TCEQ-20972)

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

SUMMARY OF APPLICATION IN PLAIN LANGUAGE FOR TPDES OR TLAP PERMIT APPLICATIONS

Summary of Application (in plain language) 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 of your facility and application as required by Title 30, Texas Administrative Code (30 TAC), Chapter 39, Subchapter H. You may modify the template as necessary to accurately describe your 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 you 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. After filling in the information for your facility delete these instructions.

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.

Schoolfield-Groundwork Venture, LLC (CN to be determined) proposes to operate the Blake Manor-East Travis County Wastewater Treatment Plant (RN to be determined), a domestic wastewater treatment plant. The facility will be located at approximately 3.8 miles southeast of the intersection of State Highway 130 and US Highway 290, in Manor, Travis County, Texas 78653. The Schoolfield-Groundwork Venture, LLC has applied for a new permit that will authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 330,000 gallons per day in the Interim Phase I, a volume not to exceed a daily average flow of 660,000 gallons per day in the Interim Phase II, and a volume not to exceed a daily average flow of 990,000 gallons per day in the Final Phase.

Discharges from the facility are expected to contain Carbonaceous Biological Oxygen Demand 5-day, Total Suspended Solids, Ammonia Nitrogen, Phosphorus, and E. Coli. Domestic wastewater will be treated by an activated sludge process plant operated in the sequencing

batch reactor (SBR) mode. In the Interim Phase I, treatment units will include bar screens, two sequencing batch reactors (SBRs), two cloth filter basins, a sludge holding tank, solids dewatering, and a chlorine contact chamber/post aeration basin. In the Interim Phase II, one SBR will be added for a total of three SBRs. In the Final Phase, one SBR will be added for a tital of four SBRs. The proposed treatment system is conceptual and does not reflect an engineered design.

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

AGUAS RESIDUALES DOMÉSTICAS /AGUAS PLUVIALES

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

Schoolfield-Groundwork Venture, LLC (CN por determinar) propone operar the Blake Manor-East Travis County Wastewater Treatment Plant (RN por determiner), una planta de tratamiento de aguas residuals domésticas. La instalación estará ubicada en Aproxamadamente 3,8 millas al sureste de la intersección de la Carretera Estatal 130 y la Carretera estadounidense 290, en Manor, Condado de Travis, Texas 78653. Schoolfield-Groundwork Venture, LLC ha solicitado un nuevo permiso que autoizará la descarga de aguas residuals tratadas en un volume que no exceda un flujo promedio diario de 330,000 galones por día en la Fase Provisinal I, un volume que no exceda un flujo promedio diario de 660,000 galones por día en la fase Provisional II, y volume que no exceda un flujo promedio diario de 990,000 galones por día en la Fase Final.

Se espera que las descargas de la instalación contengan demanda biológica de oxígeno carbonoso de 5 días, sólidos suspendidos totals, nitrógeno ammoniacal, fósforo y E. coli. Agias residuals domésticas. estará tratado por una planta de procesamiento de lodos activados operada en modo de reactor secuencial por lotes (SBR). En la Fase Provisional I, las unidades de tratamiento incluirán rejillas de barras, does reactors secuenciales per lotes (SBR), dos tanques de filtración de tela, un tanque de retención de lodos, deshidratación de sólidos y una camara de contacto con cloro/tanqye de post-aireación. En la Fase Provinsional II, se añadirá un SBR para un total de tres SBR. En la Fase Final, se añadirá un SBR para un total de cuatro SBR. El Sistema de tratamiento propuesto es conceptual y no refleja un diseño de ingeniería.

Attachment DAR 1.0-8.G

Public Involvement Form

(TCEQ-20960)

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.

No comments received on nearest WWTP, Briar Creek WWTP W0014061001, latest applications.

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 DAR 1.0-13

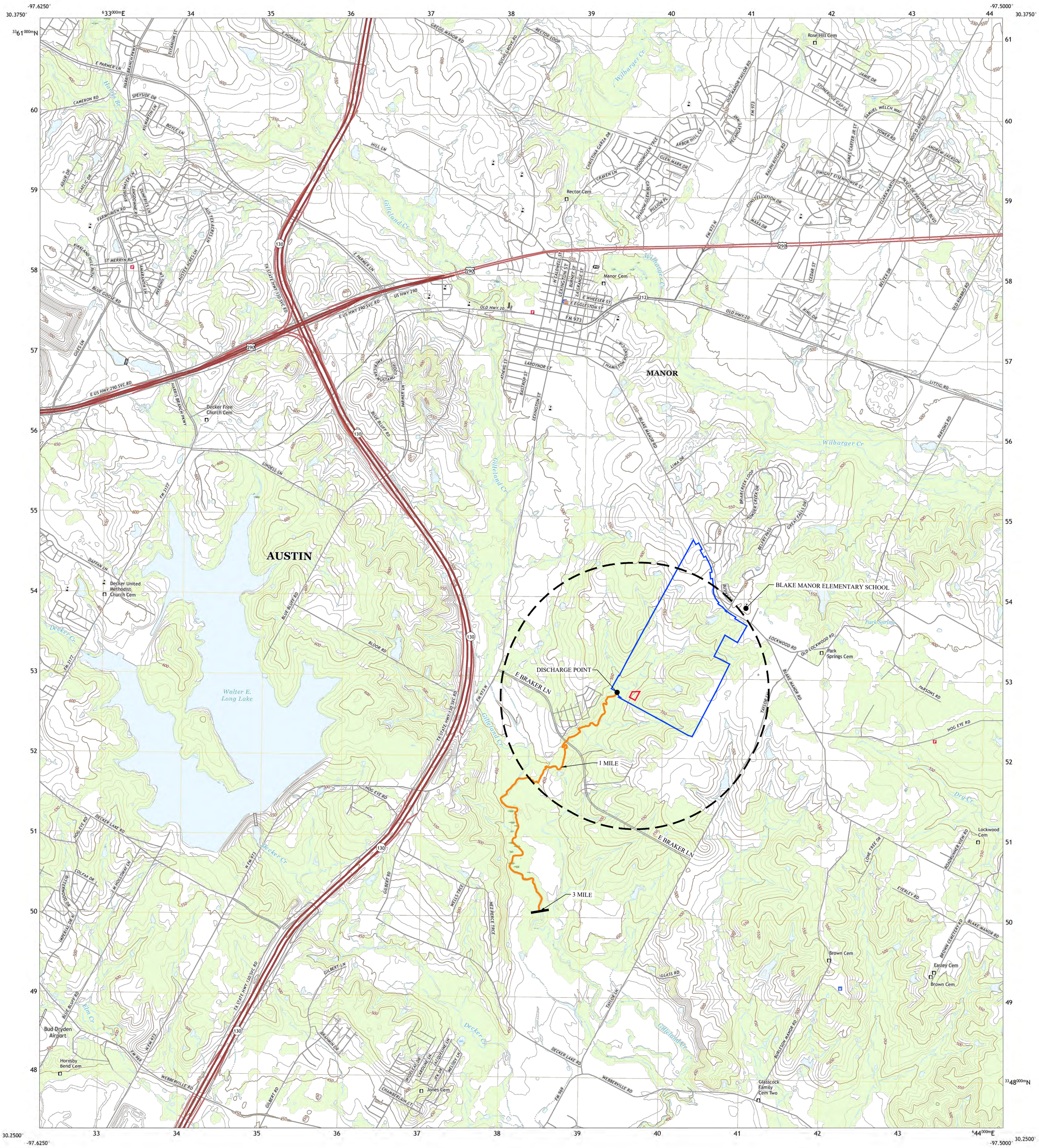
USGS Topographic Map (Full Sized)

USGS Topographic Map (8” x 11”)

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

The National Map US Topo

MANOR QUADRANGLE
TEXAS - TRAVIS COUNTY
7.5-MINUTE SERIES



Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1 000-meter grid:Universal Transverse Mercator, Zone 14R

This map is not a legal document. Boundaries may be generalized for this map scale. Private lands within government reservations may not be shown. Obtain permission before entering private lands.

Imagery	NAIP, September 2016 - November 2016
Roads	U.S. Census Bureau, 2015 - 2019
Names	GNIS, 2003 - 2021
Hydrography	National Hydrography Dataset, 2000 - 2018
Contours	National Elevation Dataset, 2019
Boundaries	Multiple sources; see metadata file 2019 - 2021
Wetlands	FWS National Wetlands Inventory Not Available

MN
GN
3°37'
64 MILS
0°44'
13 MILS
UTM GRID AND 2019 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

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

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

CONTOUR INTERVAL 10 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988

This map was produced to conform with the National Geospatial Program US Topo Product Standard.

TEXAS
QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

ADJOINING QUADRANGLES
1 Pflugerville West
2 Pflugerville East
3 Coupland
4 Austin East
5 Elgin West
6 Montopolis
7 Webberville
8 Utley

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

LEGEND
- APPLICANT'S PROPERTY BOUNDARY
- FACILITY BOUNDARY
- DISCHARGE ROUTE
- 1-MILE RADIUS

Enprotec | Hibbs & Todd
402 Cedar Street • Abilene, Texas 79601 • T (325) 698-6500 • F (325) 690-3240 • www.e-ht.com
PE Firm Registration No. 1151 • PG Firm Registration No. 50103 • RPLS Firm Registration No. 10011800

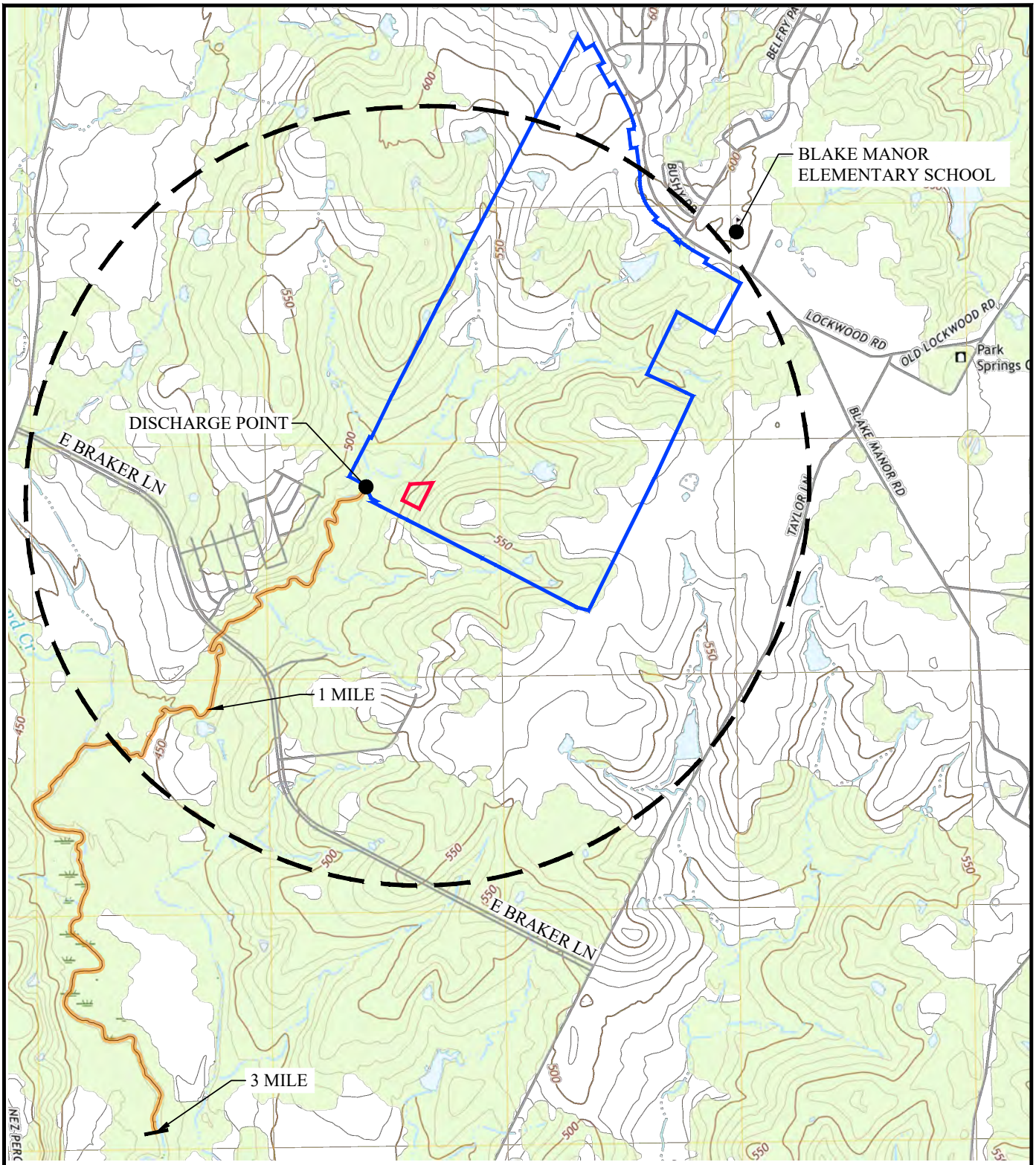
BLAKE MANOR-EAST TRAVIS COUNTYWWTP
NEW PERMIT APPLICATION
SCHOOL-FIELD GROUNDWORK VENTURE, LLC

FULL SIZE TOPOGRAPHIC MAP

9094
04/30/2025

NSN: 7643016397165
NGA REF NO. USGSX24K27523

P:\Projects\Private Developers\2025 Projects\9094 - Edwards\Groundwork Ventures LLC\01 CAD\9094-TOPO-MAP.FULL SIZE.dwg



LEGEND

- APPLICANT'S PROPERTY BOUNDARY
- FACILITY BOUNDARY
- DISCHARGE ROUTE
- 1-MILE RADIUS

N

1000 0 2000

SCALE IN FEET

BLAKE MANOR-EAST TRAVIS COUNTY WWTP
NEW PERMIT APPLICATION
SCHOOLFIELD-GROUNDWORK VENTURE, LLC

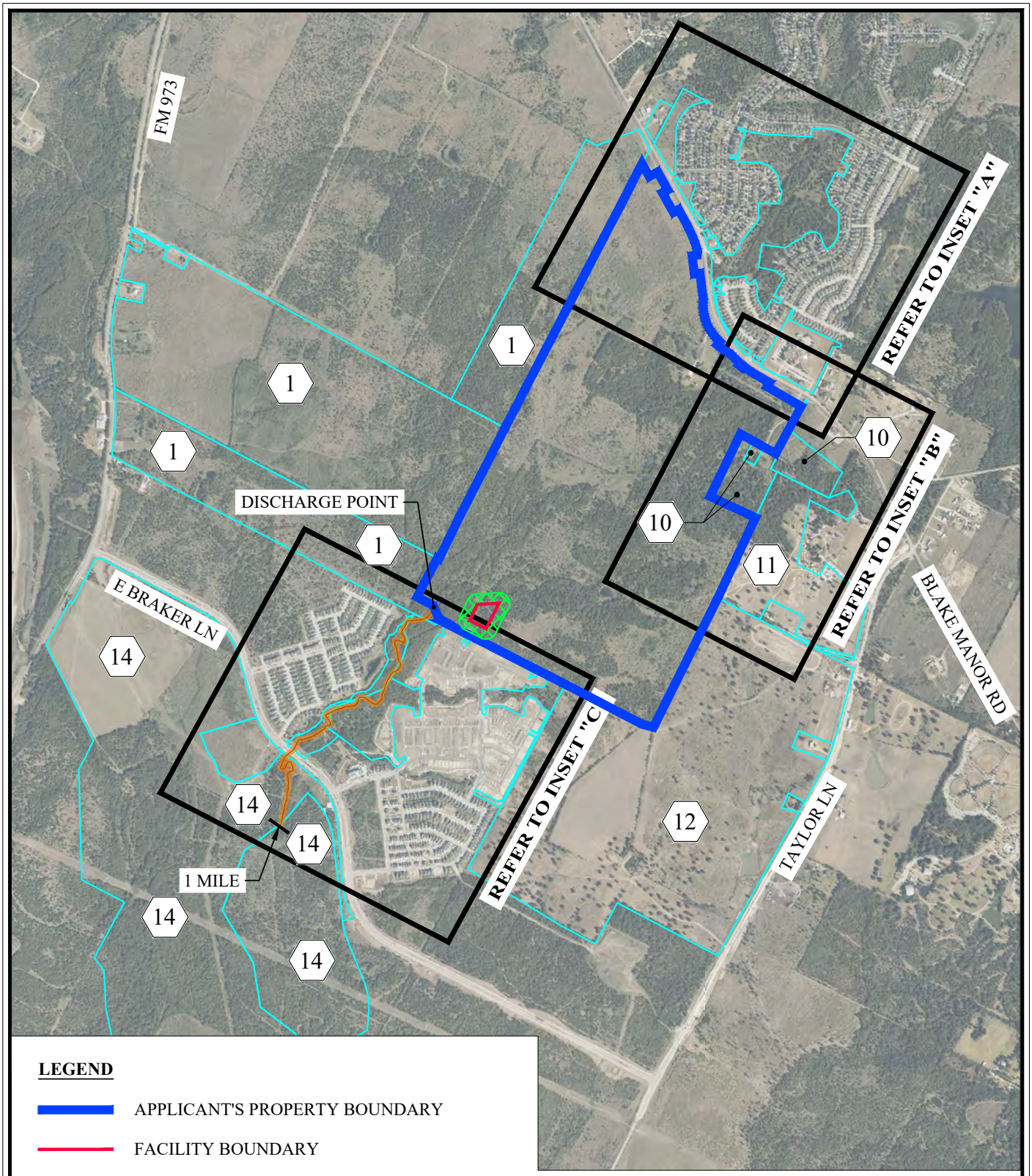
9094 **USGS TOPOGRAPHIC MAP** 04/30/2025

Enprotec | Hibbs & Todd
402 Cedar Street • Abilene, Texas 79601 • T: (325) 698-5560 • F: (325) 690-3240 • www.e-ht.com
PE Firm Registration No. 1151 • PG Firm Registration No. 50103 • RPLS Firm Registration No. 10011900

P:\Projects\Private Developers\2025 Projects\9094 - Schoolfield Groundwork Venture LLC\10. CAD\9094 - TOPO MAP.dwg

Attachment DAR 1.1-1.A

Affected Landowner Maps



LEGEND

- APPLICANT'S PROPERTY BOUNDARY
- FACILITY BOUNDARY
- DISCHARGE ROUTE
- PARCEL BOUNDARY
- BUFFER ZONE
- # LANDOWNER # PER ATTACHED KEY

N

1000 0 2000

SCALE IN FEET

SHEET 1 OF 4

BLAKE MANOR-EAST TRAVIS COUNTY WWTP
NEW PERMIT APPLICATION
SCHOOLFIELD-GROUNDWORK VENTURE, LLC

9094 **AFFECTED LANDOWNER MAP** 04/30/2025

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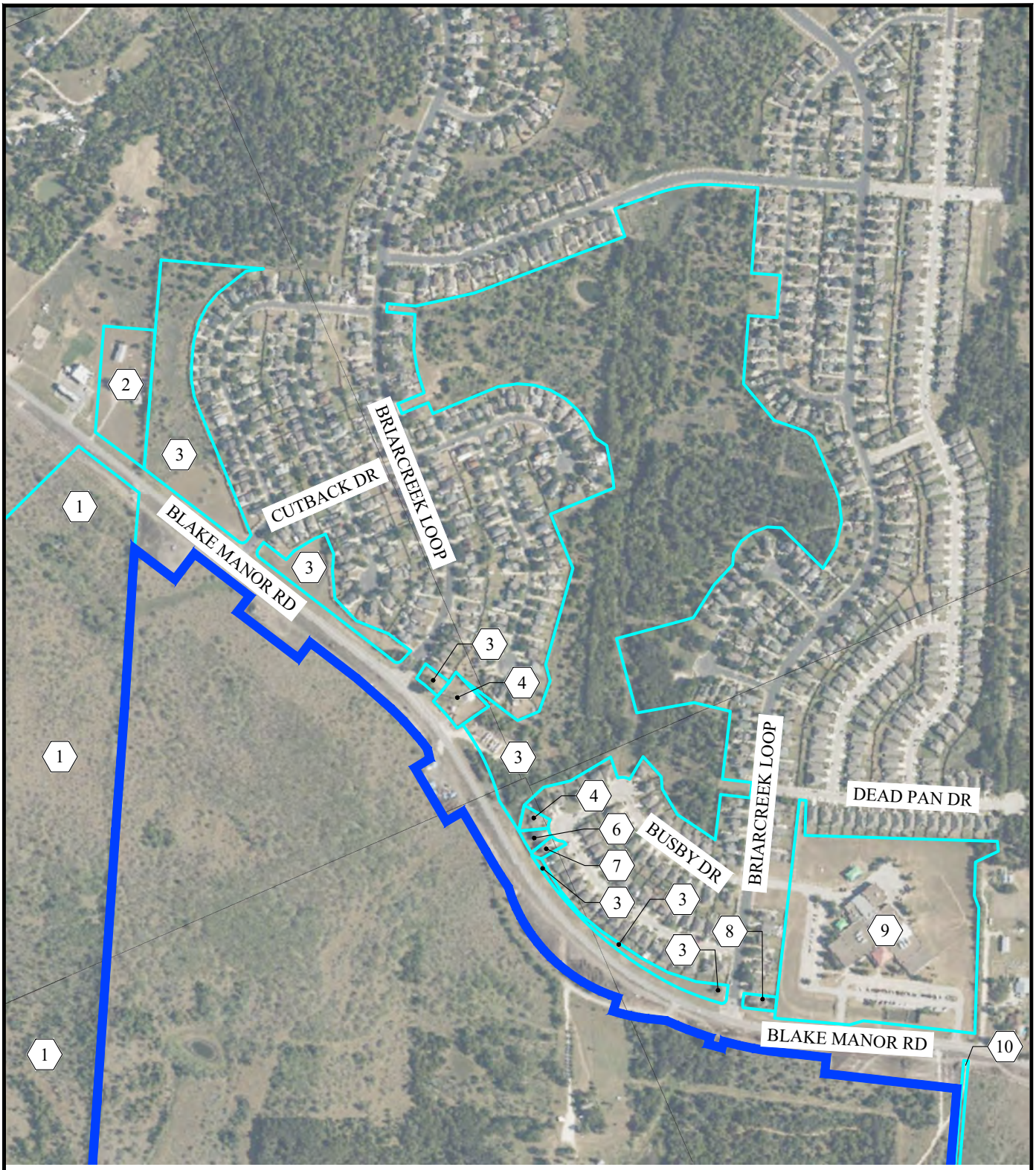
PE Firm Registration No. 1151 • PG Firm Registration No. 50103 • RPLS Firm Registration No. 10011900

P:\Projects\Private Developers\2025 Projects\9094 - Schoolfield Groundwork Venture LLC\10. CAD\9094 - AFFECTED LANDOWNER MAP.dwg



LEGEND

APPLICANT'S PROPERTY BOUNDARY

PARCEL BOUNDARY

LANDOWNER # PER ATTACHED KEY

300 0 600

SCALE IN FEET

SHEET 2 OF 4

BLAKE MANOR-EAST TRAVIS COUNTY WWTP
NEW PERMIT APPLICATION
SCHOOLFIELD-GROUNDWORK VENTURE, LLC

9094 **INSET A**
AFFECTED LANDOWNER MAP 04/30/2025

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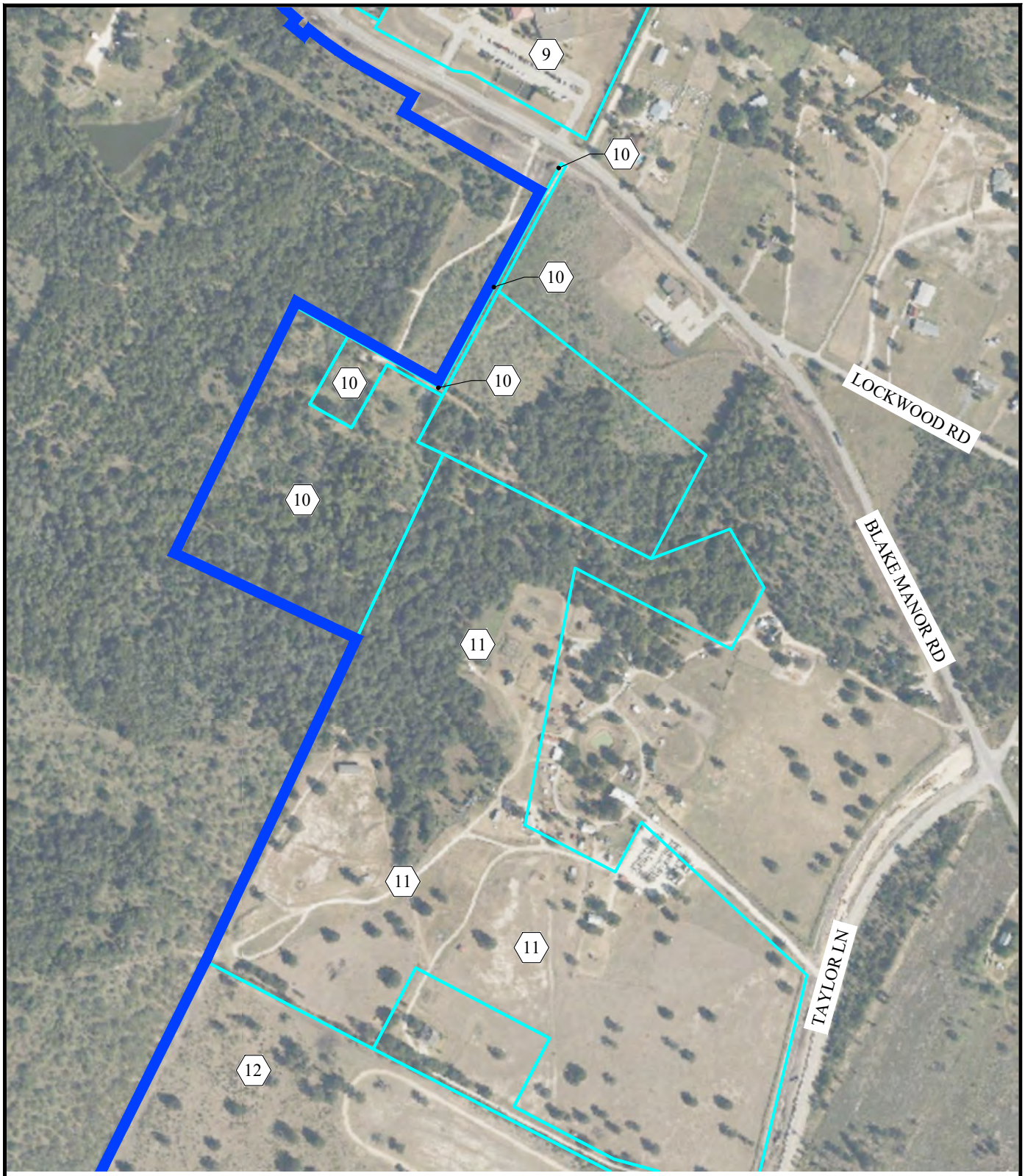

LEGEND

APPLICANT'S PROPERTY BOUNDARY

PARCEL BOUNDARY

(#) LANDOWNER # PER ATTACHED KEY

N

250 0 500

SCALE IN FEET

SHEET 3 OF 4

BLAKE MANOR-EAST TRAVIS COUNTY WWTP
NEW PERMIT APPLICATION
SCHOOLFIELD-GROUNDWORK VENTURE, LLC

9094 **INSET B**
AFFECTED LANDOWNER MAP 04/30/2025

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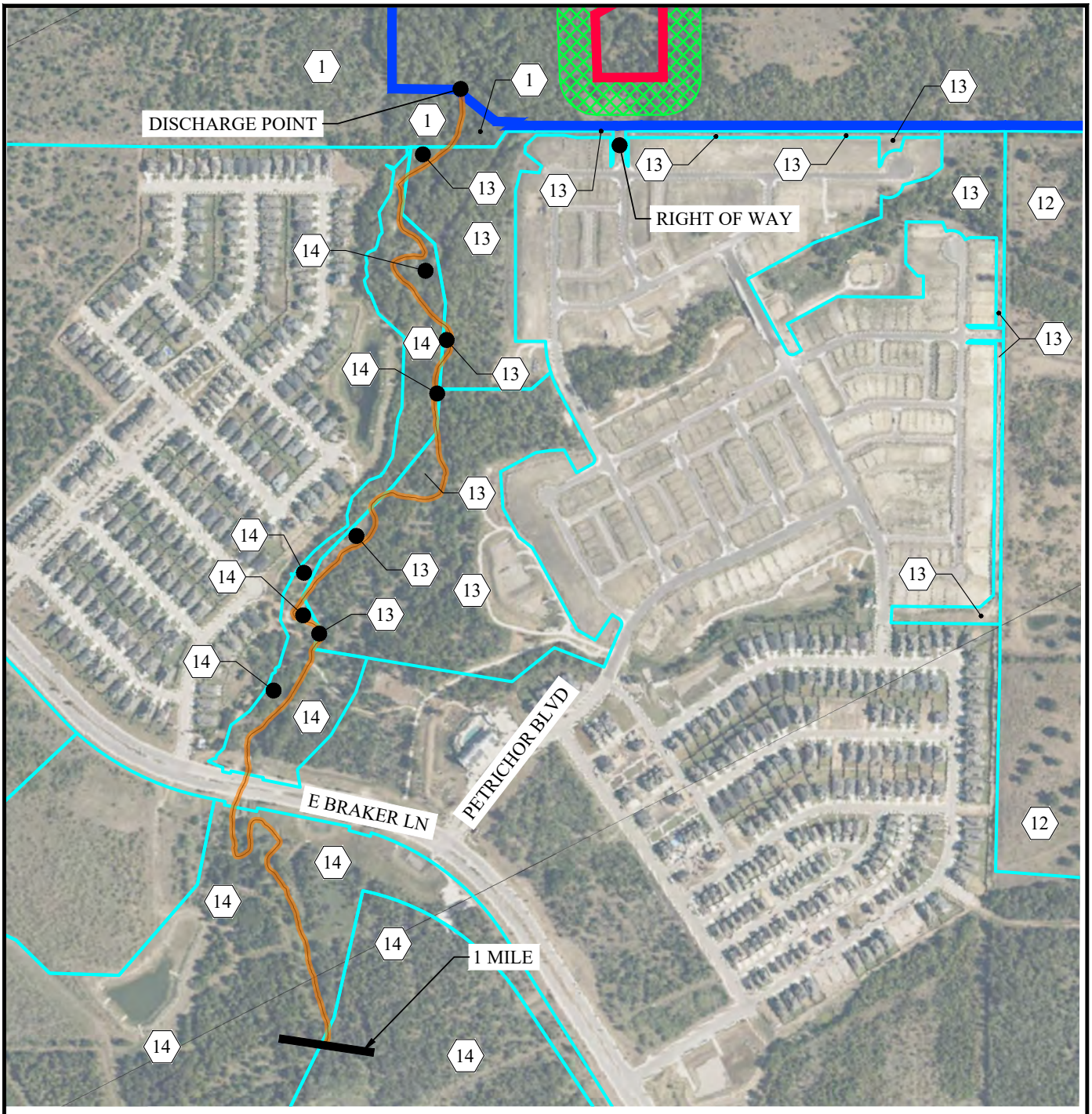

LEGEND

- APPLICANT'S PROPERTY BOUNDARY
- FACILITY BOUNDARY
- DISCHARGE ROUTE
- PARCEL BOUNDARY
- BUFFER ZONE
- # LANDOWNER # PER ATTACHED KEY

N

200 0 600

SCALE IN FEET

SHEET 4 OF 4

BLAKE MANOR-EAST TRAVIS COUNTY WWTP
NEW PERMIT APPLICATION
SCHOOLFIELD-GROUNDWORK VENTURE, LLC

9094 **INSET C**
AFFECTED LANDOWNER MAP 04/30/2025

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Attachment DAR 1.1-1.B

Affected Landowner List

Attachment DAR 1.1-1.B
Landowner List
Blake Manor – East Travis County WWTP
Schoolfield-Groundwork Venture, LLC

1. CYCLONE DEVELOPMENT INC
   6504 W COURTYARD DR
   AUSTIN TX 78730-4922

2. DEL VALLE MISSIONARY BAPTIST CHURCH INC
   17600 BLAKE MANOR RD
   MANOR TX 78653-4707

3. BRIARCREEK OWNERS
   4009 BANISTER LN STE 300
   AUSTIN TX 78704-7040

4. MANVILLE WATER SUPPLY
   PO BOX 248
   COUPLAND TX 78615-0248

5. BURNETT LYNIKA
   14233 GILFORD DR
   MANOR TX 78653-4714

6. ACEVEDO AMILKAR
   14237 GILFORD DR
   MANOR TX 78653-4714

7. HARRIS TAMEKA L
   18001 RYEGATE DR
   MANOR TX 78653-4720

8. GRUBB ROBERT W & SHARON L
   14412 BRIARCREEK LOOP
   MANOR TX 78653-4675

9. MANOR INDEPENDENT SCHOOL DIST
   PO BOX 359
   MANOR TX 78653-0359

10. MORK ELISA & WILLIAM
    18043 BLAKE MANOR RD
    MANOR TX 78653-2932

11. CROWES NEST FARMS INC
    10300 TAYLOR LN
    MANOR TX 78653-4700

12. LIND ELLA LOUISE
    10011 TAYLOR LN
    MANOR TX 78653-4712

13. WVV1P3 LP
    600 NORTHLAKE BLVD STE 130
    ALTAMONTE SPRINGS FL 32701-6130

14. CLUB DEAL 120 WHISPER VALLEY LP
    9285 HUNTINGTON SQ
    NORTH RICHLAND HILLS TX 76182-4366

Attachment DAR 1.1-1.C

Landowner List – 4 Sets of Mailing Labels

CYCLONE DEVELOPMENT INC
6504 W COURTYARD DR
AUSTIN TX 78730-4922

DEL VALLE MISSIONARY BAPTIST CHURCH INC
17600 BLAKE MANOR RD
MANOR TX 78653-4707

BRIARCREEK OWNERS
4009 BANISTER LN STE 300
AUSTIN TX 78704-7040

MANVILLE WATER SUPPLY
PO BOX 248
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MANOR TX 78653-4714

HARRIS TAMEKA L
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MANOR TX 78653-4720

GRUBB ROBERT W & SHARON L
14412 BRIARCREEK LOOP
MANOR TX 78653-4675

MANOR IDEPENDENT SCHOOL DIST
PO BOX 359
MANOR TX 78653-0359

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MANOR TX 78653-2932

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LIND ELLA LOUISE
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MANOR TX 78653-4712

WVV1P3 LP
600 NORTHLAKE BLVD STE 130
ALTAMONTE SPRINGS FL 32701-6130

CLUB DEAL 120 WHISPER VALLEY LP
9285 HUNTINGTON SQ
NORTH RICHLAND HILLS TX 76182-4366

CYCLONE DEVELOPMENT INC
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AUSTIN TX 78730-4922

DEL VALLE MISSIONARY BAPTIST CHURCH INC
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MANOR TX 78653-4707

BRIARCREEK OWNERS
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AUSTIN TX 78704-7040

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MANOR TX 78653-4720

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MANOR TX 78653-4675

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ALTAMONTE SPRINGS FL 32701-6130

CLUB DEAL 120 WHISPER VALLEY LP
9285 HUNTINGTON SQ
NORTH RICHLAND HILLS TX 76182-4366

Attachment DAR 1.1-2

Site Photos

Photo Location Map

1

Facing the approximate area of the future WWTP.

By: Steven Spears, Schoolfield-Groundwork Venture, LLC
Date: 3/31/2025

2U

From the approximate outfall location, facing upstream along the unnamed tributary of Gilleland Creek.

By: Steven Spears, Schoolfield-Groundwork Venture, LLC
Date: 3/31/2025

Enprotec | Hibbs & Todd

Schoolfield Groundwork Venture, LLC

Blake Manor – East Travis County WWTP

Project No. 9040

2D

From the approximate outfall location, facing upstream along the unnamed tributary of Gilleland Creek.

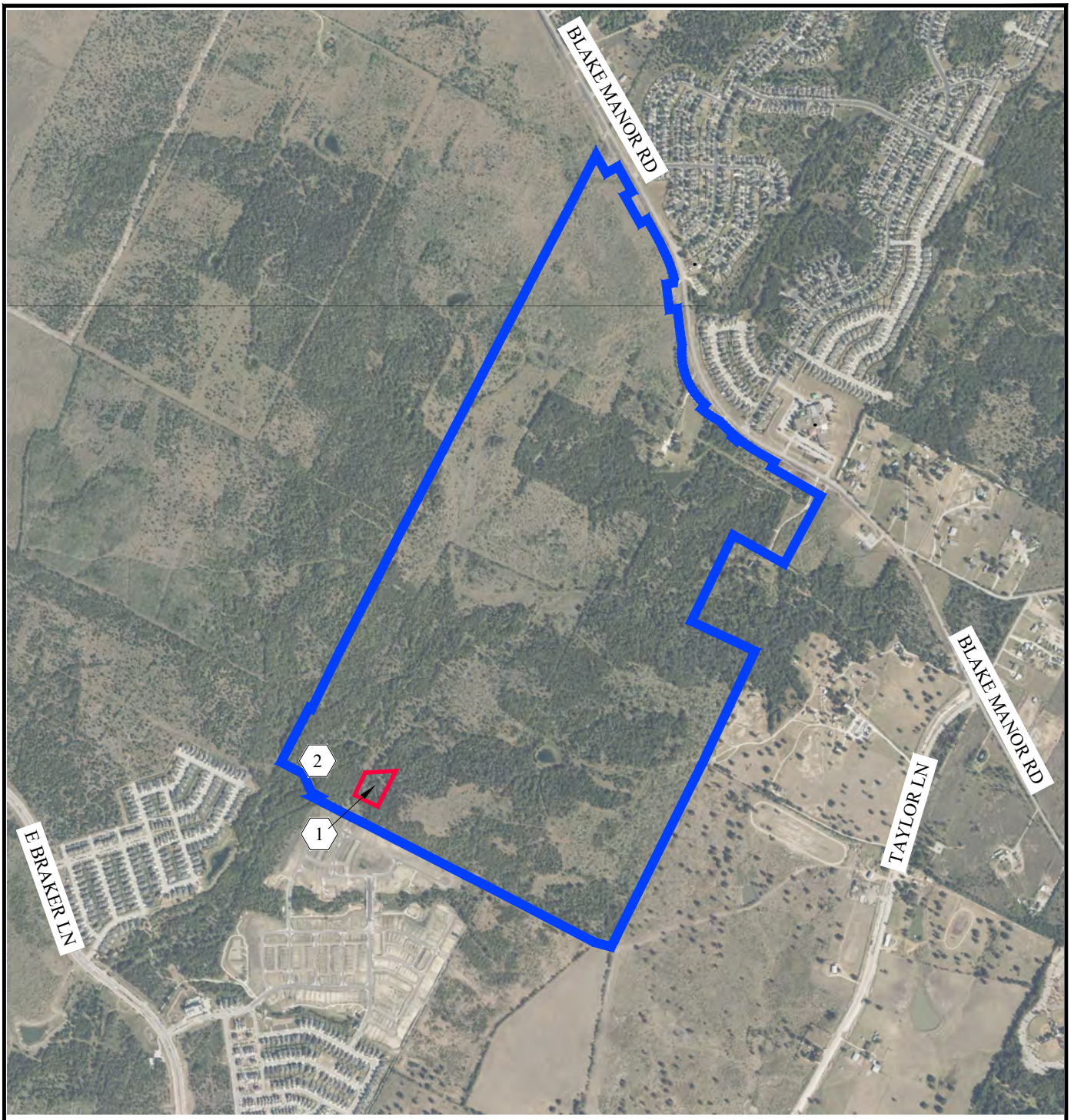
By: Steven Spears, Schoolfield-Groundwork Venture, LLC
Date: 3/31/2025

Enprotec | Hibbs & Todd

Schoolfield Groundwork Venture, LLC

Blake Manor – East Travis County WWTP

Project No. 9040



LEGEND

APPLICANT'S PROPERTY BOUNDARY AND SERVICE AREA

FACILITY BOUNDARY

PHOTO LOCATION

N

750 0 1500

SCALE IN FEET

BLAKE MANOR-EAST TRAVIS COUNTY WWTP
NEW PERMIT APPLICATION
SCHOOLFIELD-GROUNDWORK VENTURE, LLC

9094 **PHOTO LOCATION MAP** 04/30/2025

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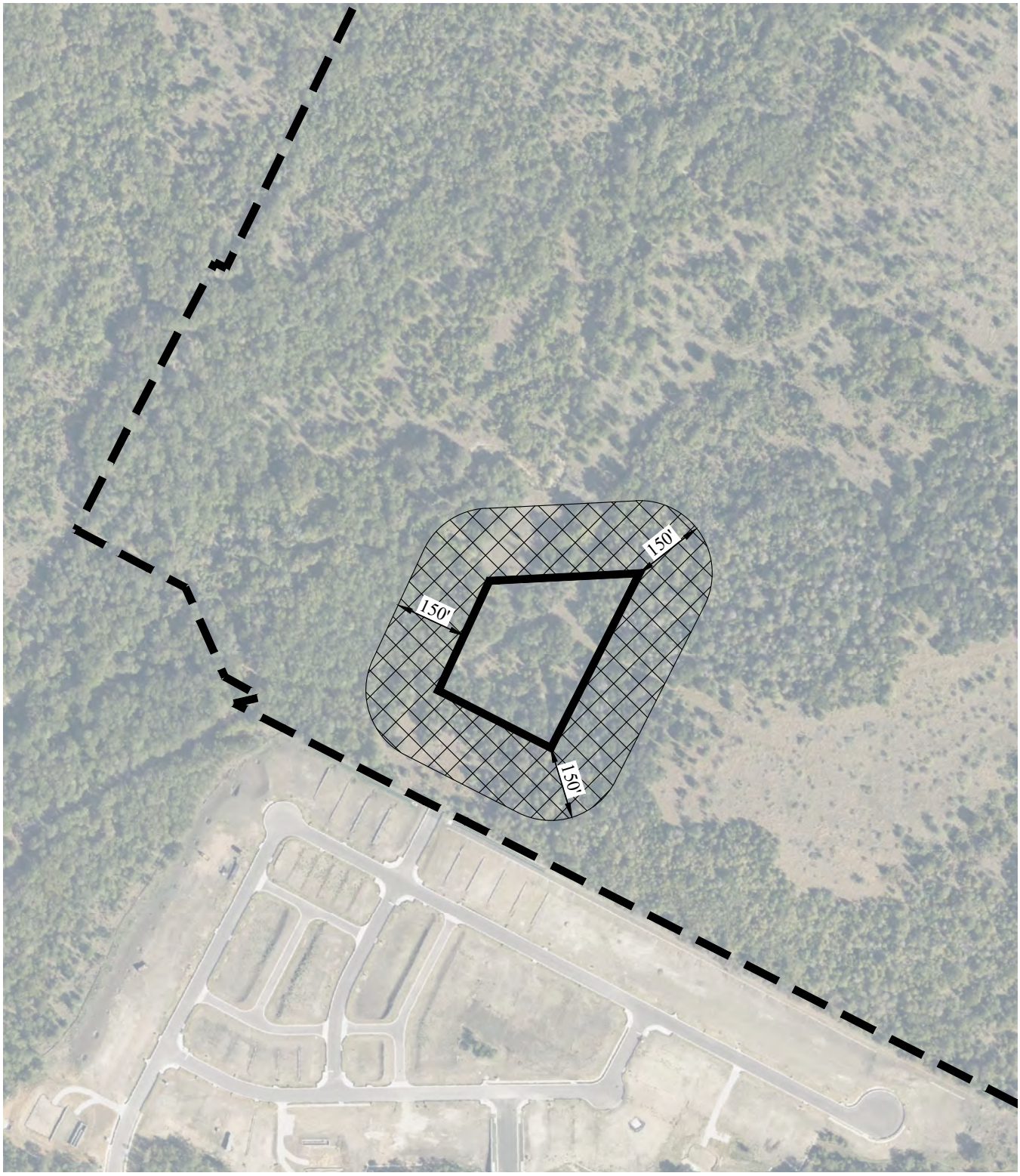
Attachment DAR 1.1-3

Buffer Zone Map



LEGEND

APPLICANT'S PROPERTY BOUNDARY

FACILITY BOUNDARY

BUFFER ZONE

N

100 0 300

SCALE IN FEET

NOTE:

BUFFER ZONE ON APPLICANT'S PROPERTY IN ACCORDANCE WITH 30 TAC 309(e)(1)

BLAKE MANOR-EAST TRAVIS COUNTY WWTP
NEW PERMIT APPLICATION
SCHOOLFIELD-GROUNDWORK VENTURE, LLC

9094 **BUFFER ZONE** 04/30/2025

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Attachment SPIF

SPIF (TCEQ-20971)

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

FOR AGENCIES REVIEWING DOMESTIC OR INDUSTRIAL TPDES WASTEWATER PERMIT APPLICATIONS

TCEQ USE ONLY:

Application type: ____Renewal ____Major Amendment ____Minor Amendment ____New

County: _____ Segment Number: _____

Admin Complete Date: _____

Agency Receiving SPIF:

_____ Texas Historical Commission _____ U.S. Fish and Wildlife

_____ Texas Parks and Wildlife Department _____ U.S. Army Corps of Engineers

This form applies to TPDES permit applications only. (Instructions, Page 53)

Complete this form as a separate document. TCEQ will mail a copy to each agency as required by our agreement with EPA. If any of the items are not completely addressed or further information is needed, we will contact you to provide the information before issuing the permit. Address each item completely.

Do not refer to your response to any item in the permit application form. Provide each attachment for this form separately from the Administrative Report of the application. The application will not be declared administratively complete without this SPIF form being completed in its entirety including all attachments. Questions or comments concerning this form may be directed to the Water Quality Division's Application Review and Processing Team by email at WQ-ARPTeam@tceq.texas.gov or by phone at (512) 239-4671.

The following applies to all applications:

1. Permittee: Schoolfield-Groundwork Venture, LLC

   Permit No. WQ00 To be determined EPA ID No. TX To be determined

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

   Permit General Location: Approximately 3.8 miles southeast of the intersection of State Highway 130 and US Highway 290, near Manor, Travis County, Texas 78653.
   Driving directions: From the intersection of E Brenham St and Lexington St in Manor, approximately 0.4 miles south, southeast along E Brenham, then continue approximately 2 miles along Blake-Manor Rd. Site is located on the south side of Blake-Manor Rd., near Manor, Travis County, Texas 78653.

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: Steven Spears

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

Title: Principal

Mailing Address: 31 Navasota Street, Suite 150

City, State, Zip Code: Austin, Texas 78702

Phone No.: (512) 391-1789 Ext.: N/A Fax No.: N/A

E-mail Address: steven@momarkdevelopment.com

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

To an unnamed tributary of Gilleland Creek, thence to Gilleland Creek, thence to Colorado River Below Lady Bird Lake/Town Lake in Segment No. 1428 of the Colorado 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):

A new subdivision is being built on the applicant's property. The entire property is 492.947 acres. The proposed development will consist primarily of housing and limited supporting commercial uses. Approximately 3,950 residential units ranging from large lot single-family to small lot single-family, from townhomes to multifamily buildings will call this development home, coupled with approximately 130 acres of parks and open space.

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

The applicant's property has historically been in Agricultural use with cultivated crops and stock grazing. Some of the property is cleared to accommodate the crops and some areas are natural. There are a couple of stock tanks on the property, with the largest located south of the homestead. The residential dwelling on the property is further described below. The area upon which the wastewater treatment facility is mixed with cleared areas and natural areas. The cleared areas appear to have been used primarily for grazing rather than crops.

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:

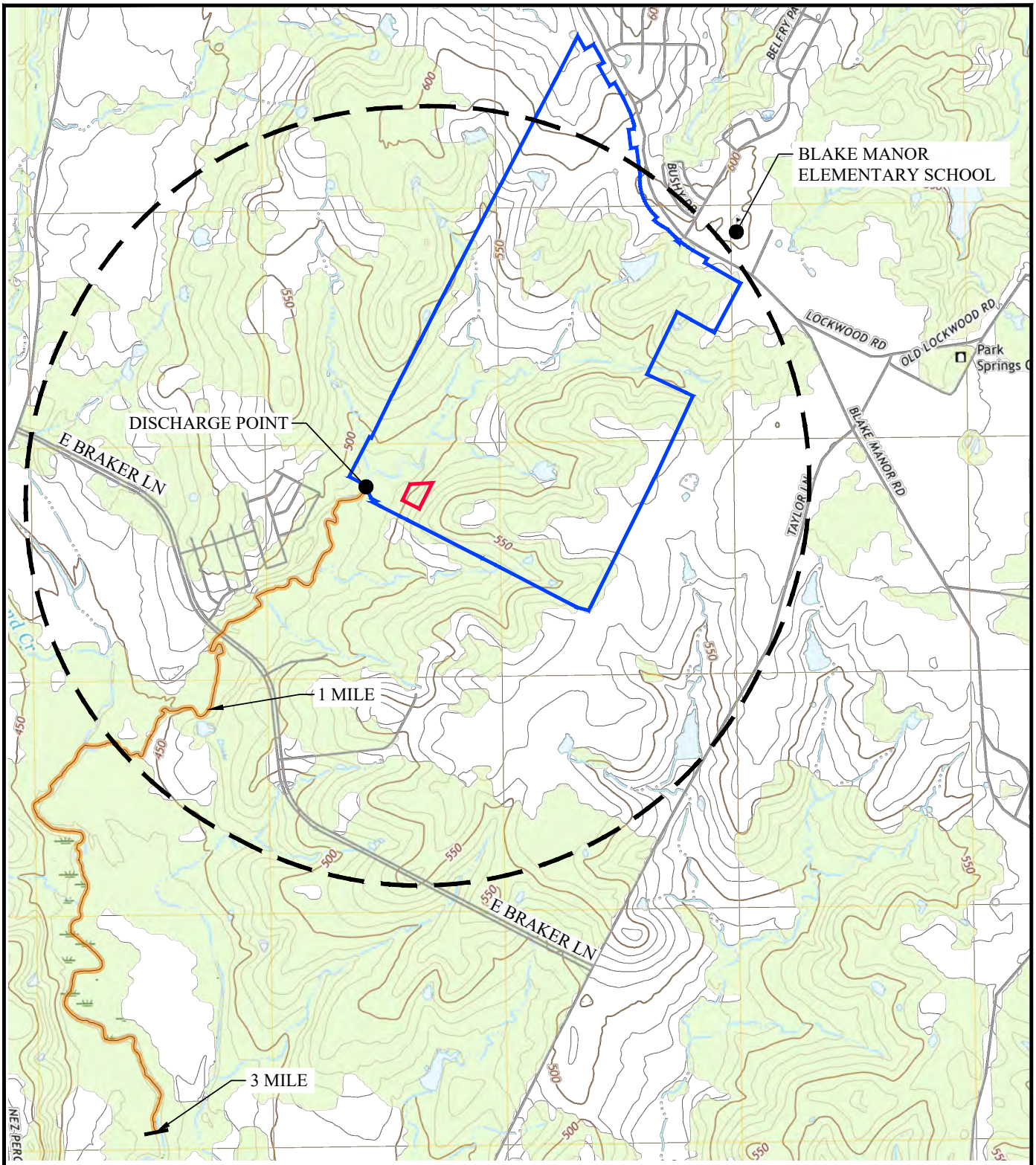
There is a homestead, family dwelling located on the property. Per the Travis County CAD, the original structure was constructed in 1930 and improvements were constructed in 1950. The farmhouse is located approximately 500 feet south of Blake Manor Road and approximately 0.7 miles northeast of the proposed facility. The current intent is that the farmhouse will remain and become an amenity building with a community room, coworking space, bathrooms, and other applicable amenities

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

The property has been previously used as agricultural land with a residential dwelling from at least the 1930's.

Attachment SPIF 5

USGS Topographic Map (8” x 11”)



LEGEND

- APPLICANT'S PROPERTY BOUNDARY
- FACILITY BOUNDARY
- DISCHARGE ROUTE
- 1-MILE RADIUS

N

1000 0 2000

SCALE IN FEET

BLAKE MANOR-EAST TRAVIS COUNTY WWTP
NEW PERMIT APPLICATION
SCHOOLFIELD-GROUNDWORK VENTURE, LLC

9094 **USGS TOPOGRAPHIC MAP** 04/30/2025

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P:\Projects\Private Developers\2025 Projects\9094 - Schoolfield Groundwork Venture LLC\10. CAD\9094 - TOPO MAP.dwg

Attachment SPIF 5

Photo

SPIF 5

Property homestead, family dwelling. Per the Travis County CAD, the original farmhouse structure was constructed in 1930 and improvements were constructed in 1950. The farmhouse is located approximately 500 feet south of Blake Manor Road and 0.7 miles northeast of the proposed facility.

Photo copied from the Boundary and Improvements Survey, dated 11/9/2022, as sealed by Jason Ward, RPLS.

Enprotec | Hibbs & Todd

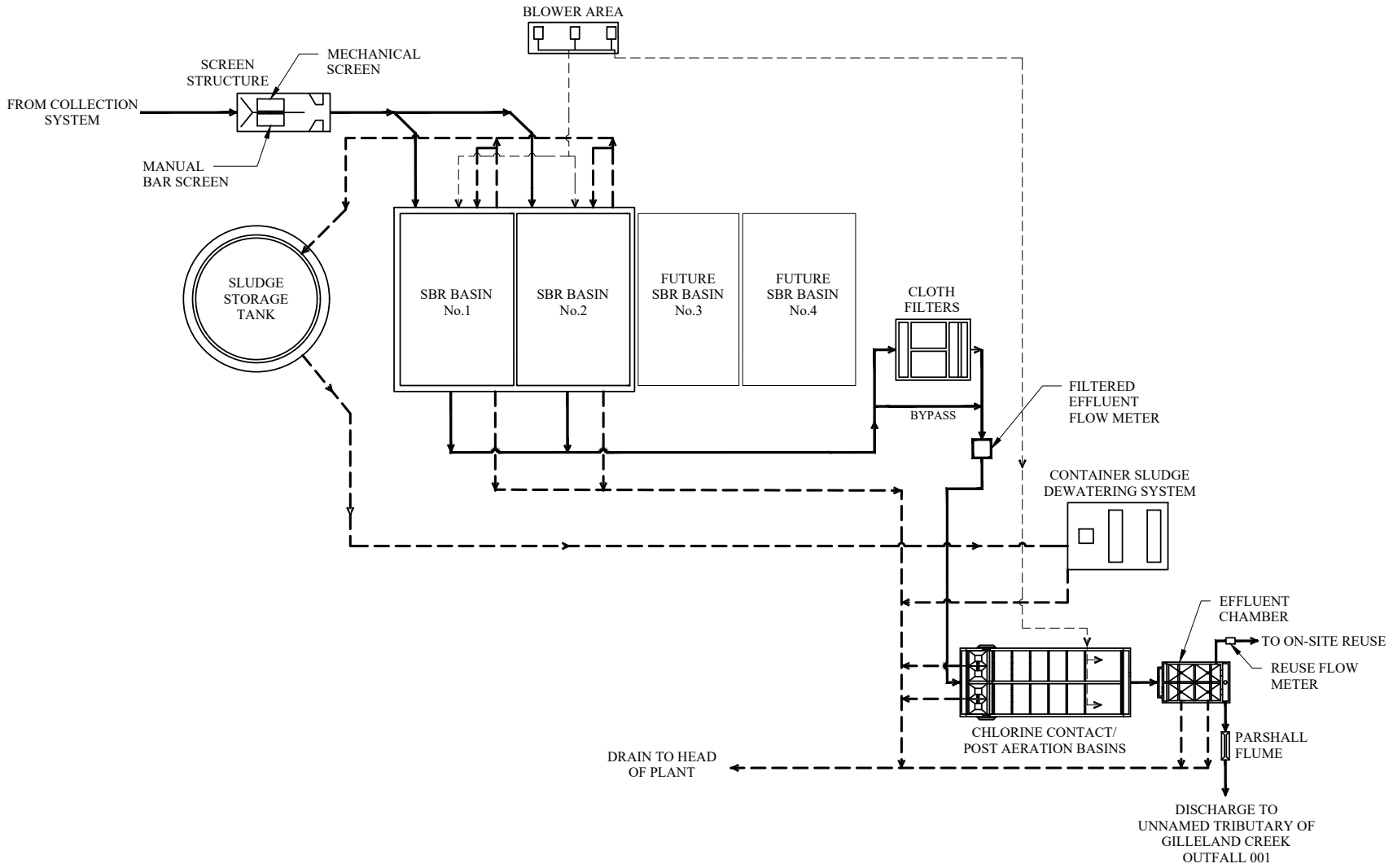
Schoolfield Groundwork Venture, LLC

Blake Manor – East Travis County WWTP

Project No. 9040

Attachment DTR 1.0-2.C

Flow Diagrams



LEGEND

- PROCESS FLOW STREAM
- SOLIDS/DRAIN
- LOW PRESSURE AIR

BLAKE MANOR-EAST TRAVIS COUNTY WWTP
NEW PERMIT APPLICATION
SCHOOLFIELD-GROUNDWORK VENTURE, LLC

PROCESS FLOW DIAGRAM
INTERIM PHASE I
(0.33 MGD)

9094 04/30/2025

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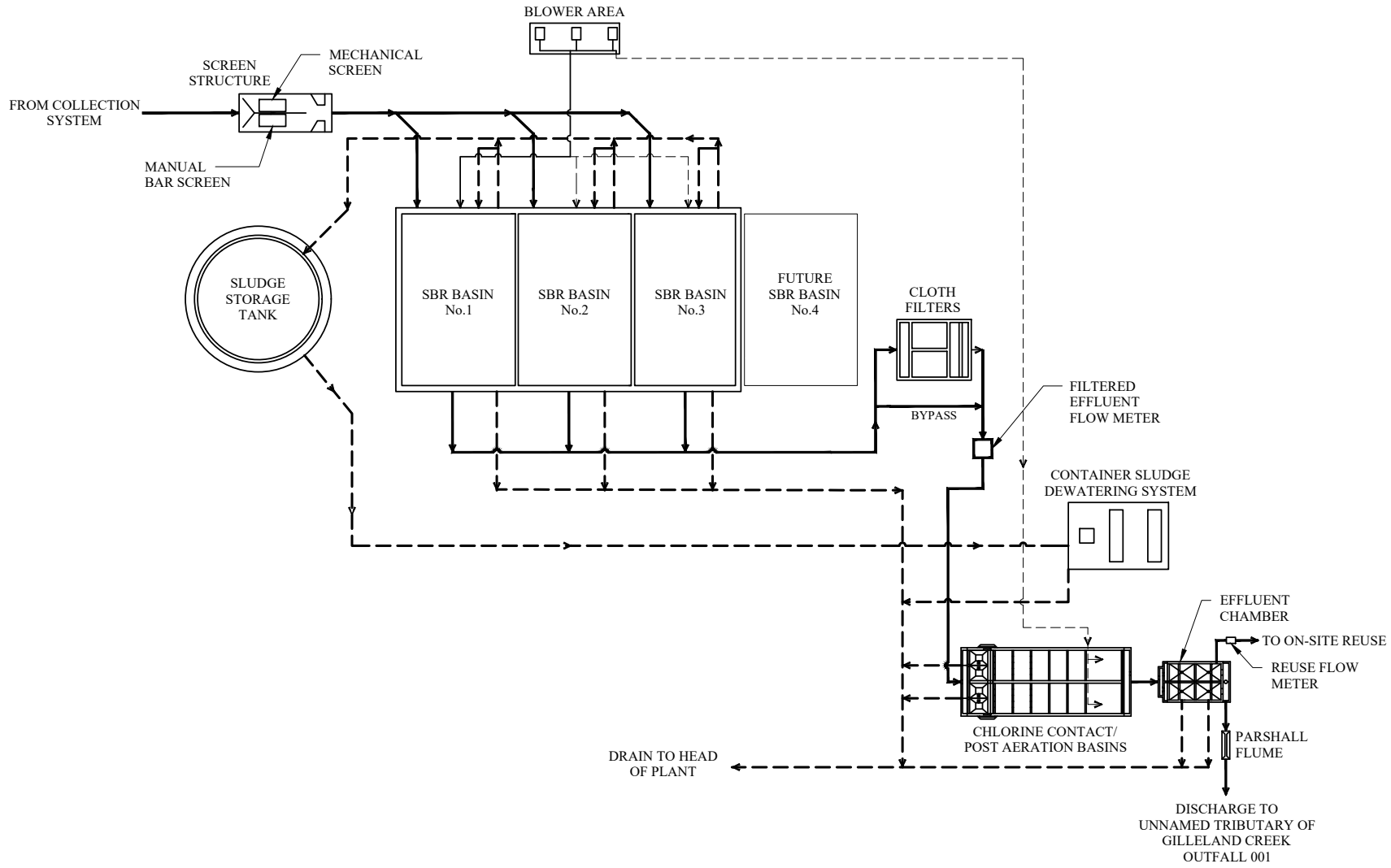

LEGEND

- PROCESS FLOW STREAM
- SOLIDS/DRAIN
- LOW PRESSURE AIR

BLAKE MANOR-EAST TRAVIS COUNTY WWTP
NEW PERMIT APPLICATION
SCHOOLFIELD-GROUNDWORK VENTURE, LLC

PROCESS FLOW DIAGRAM
INTERIM PHASE II
(0.66 MGD)

9094 04/30/2025

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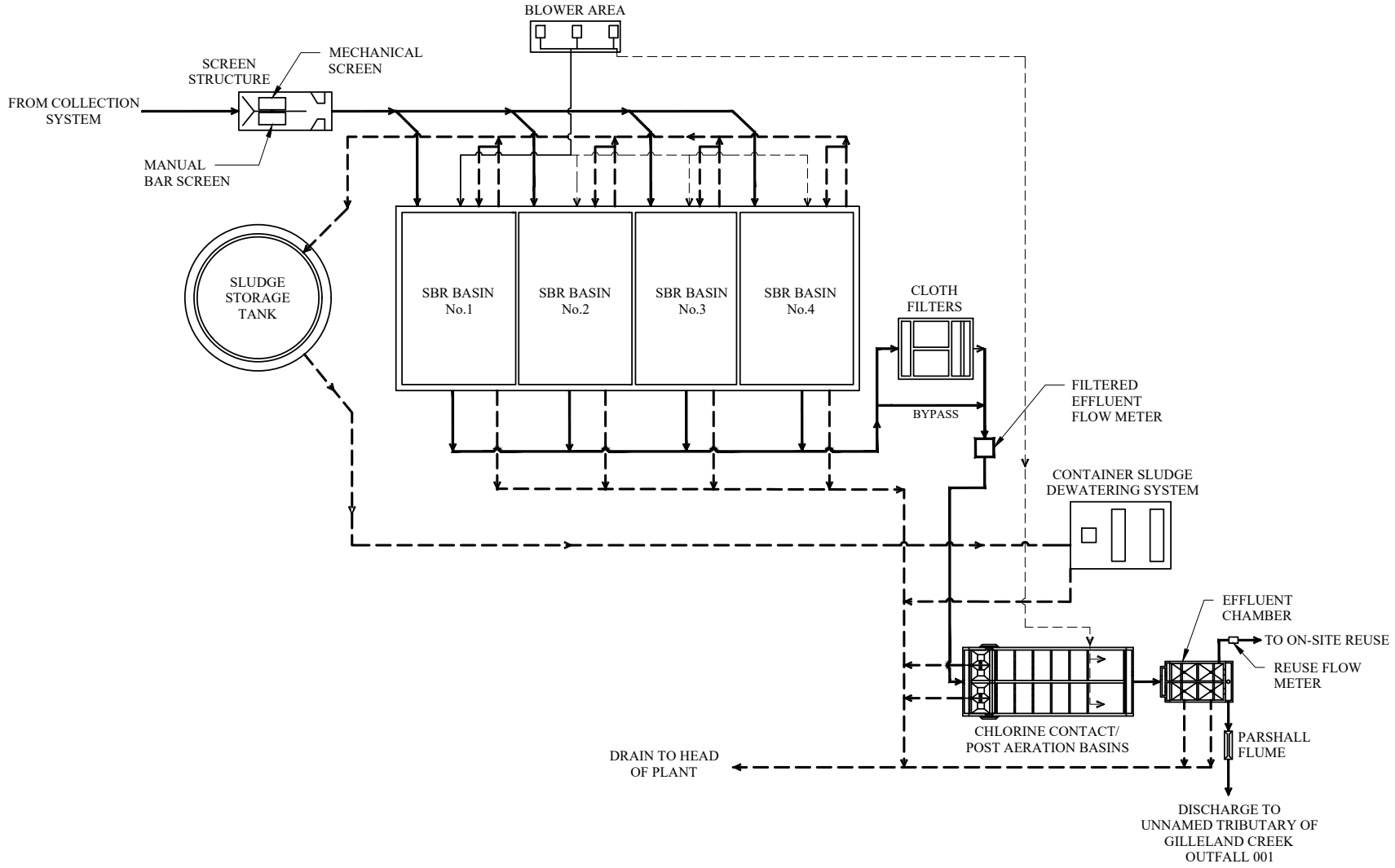

LEGEND

- PROCESS FLOW STREAM
- SOLIDS/DRAIN
- LOW PRESSURE AIR

BLAKE MANOR-EAST TRAVIS COUNTY WWTP
NEW PERMIT APPLICATION
SCHOOLFIELD-GROUNDWORK VENTURE, LLC

PROCESS FLOW DIAGRAM
FINAL PHASE
(0.99 MGD)

9094 04/30/2025

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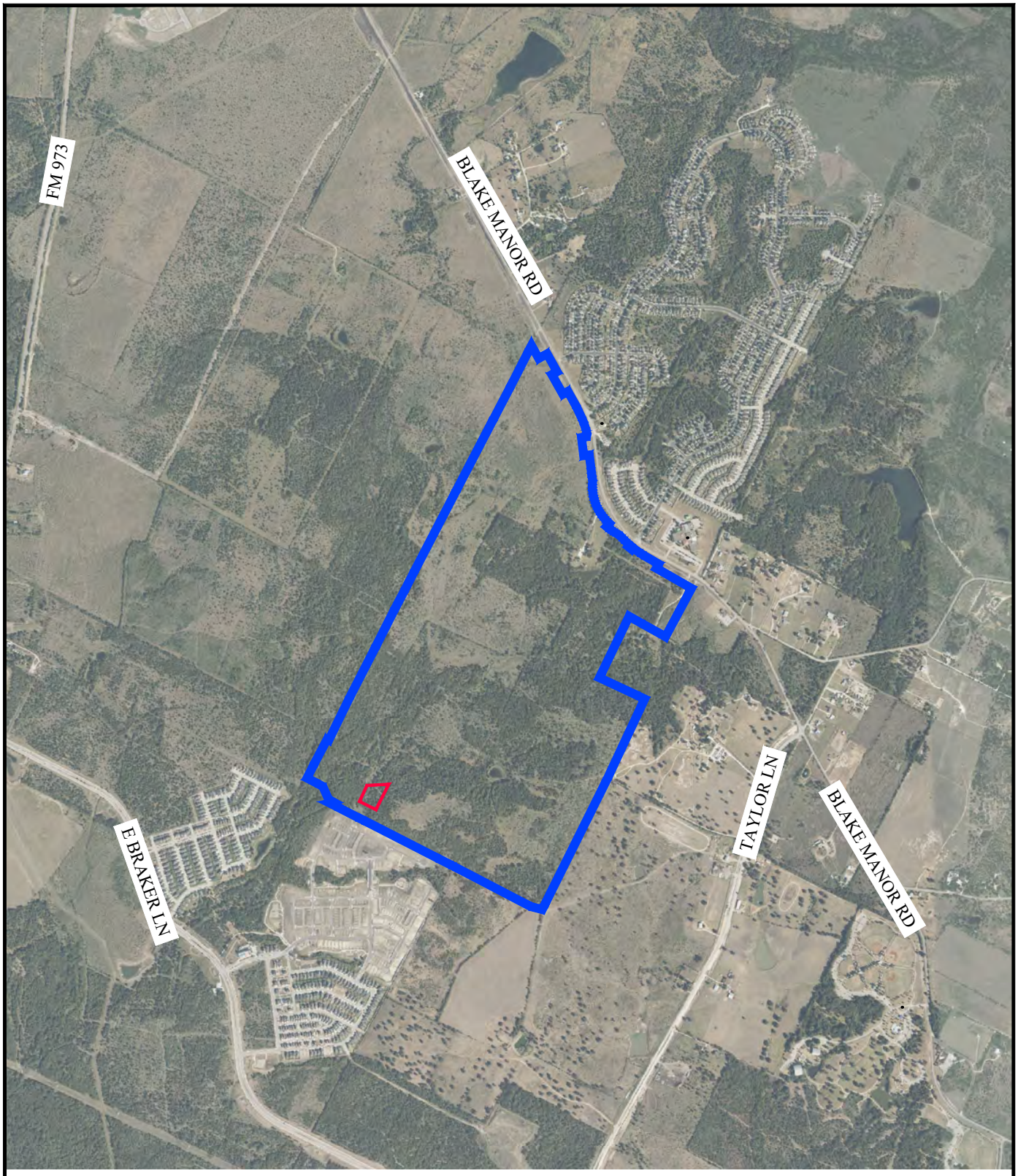
PE Firm Registration No. 1151 • PG Firm Registration No. 50103 • RPLS Firm Registration No. 10011900

Attachment DTR 1.0-3

Site Drawing



LEGEND

APPLICANT'S PROPERTY BOUNDARY AND SERVICE AREA

FACILITY BOUNDARY

1000 0 2000

SCALE IN FEET

BLAKE MANOR-EAST TRAVIS COUNTY WWTP
NEW PERMIT APPLICATION
SCHOOLFIELD-GROUNDWORK VENTURE, LLC

9094 **SITE DRAWING** 04/30/2025

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P:\Projects\Private Developers\2025 Projects\9094 - Schoolfield Groundwork Venture LLC\10. CAD\9094 - SITE DRAWING.dwg

Attachment DTR 1.1-1.A

Justification of Permit Need

Attachment DTR 1.1-1.A
Justification of Permit Need
Blake Manor – East Travis County WWTP
Schoolfield-Groundwork Venture, LLC

Developer-Provided Information

The proposed development on the approximately 492-acre site will consist primarily of housing and limited supporting commercial uses. Approximately 3,950 residential units ranging from large lot single-family to small lot single-family, from townhomes to multifamily buildings will call this development home, coupled with approximately 130 acres of parks and open space. The development is anticipated to start construction in early 2026, with an approximately 15-year build out. Forecasted absorption will range from 200-400 units per year, depending on product mix, state of economy, and overall absorption. The median household income in Travis County is $97,169 while the median home price is a staggering $487,600. Thus, providing housing options that are attainable and affordable is the goal of this development. In addition, Schoolfield-Groundwork Venture, LLC intends to apply for a reuse authorization such that the maximum amount of treated effluent may be beneficially reused on-site for irrigation rather than discharged.

The Austin metropolitan area continues to experience significant employment growth and population growth. This property is six miles north of Tesla Gigafactory (employment population of approximately 20,000), fifteen miles south of the new Samsung Factory (anticipated employment population of 5,000), ten miles from Austin Bergstrom International Airport (employment population of 74,000 both directly within the airport and indirectly through related businesses), and within twelve miles of downtown Austin (estimated 500,000 jobs within 5-miles of downtown Austin).

In 2024, TCEQ granted an order to create East Travis County Municipal Management District #1 (ETCMMD1). As part of the application process, a residential market analysis was provided justifying the anticipated growth projections for this development. Capital Market Research Company created the residential market analysis for this property and MMD application.

Effluent Flow Calculations

Standard practices are used to determine the effluent flow based on the proposed number of wastewater connections. The development is anticipated to have 3,950 units (connections). A conservative estimate of households per connection is 2.5, based on consideration of the number of people per household in Travis County (2.28), in Texas (2.7), and in the US (2.54) per US Census Quick Facts. The resulting subdivision population is estimated to be 9,875 people. The Final Phase daily average wastewater flow is estimated from 30 TAC 217.32(a)(3) Table B.1, Subdivision, at 100 gallons per person. The resulting Final Phase average daily wastewater flow is 0.99 million gallons per day (MGD).

Since the subdivision is anticipated to be developed over 15 years, its buildout and resulting required average daily flow are determined by splitting the final daily average wastewater flow into 5-year increments, or three phases. The following phases are proposed:

Table 1
Population Projections by Phase

Permit Phase	Average Daily Flow (MGD)	# of Connections	Subdivision Population
Interim Phase I	0.33	1,315	3,290
Interim Phase II	0.66	2,633	6,582
Final Phase	0.99	3,950	9,875

Attachment DTR 1.1-1.B.2

Justification for the Proposed Facility
&
CCN Cost Analysis

Attachment DTR 1.1-1.B.2
Justification for the Proposed Facility & CCN Analysis
Blake Manor – East Travis County WWTP

Schoolfield-Groundwork Venture, LLC

There is no wastewater infrastructure currently serving the property. While the proposed 492-acre development including the Blake Manor-East Travis County wastewater treatment plan (WWTP) is located within the City of Austin sewer utility CCN area (CCN 20636), Austin Water Utility's (AWU) closest wastewater infrastructure is 2 ½ miles from the property. AWU is not willing to provide service to the property (beyond 100 living unit equivalents (LEUs)) before significant upfront upgrades to its infrastructure are made by the development. 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 are provided herein.

The median household income in Travis County is $97,169 while the median home price is a staggering $487,600. Thus, providing housing options that are attainable and affordable is the goal of this development. The cost for sewer services must be the financially viable choice to ensure the goal of the development is achieved.

Schoolfield-Groundwork Venture, LLC contracted with Kimley-Horn to conduct a sewer cost analysis to either connect to the Austin Water Utility Taylor Lane WWTP (WQ0010543014) or to provide on-site wastewater treatment. The results tables are presented on the following page. Both a conservative estimate (Low) and cost estimate with a higher inflation factor (High) are presented. A summary of the lower cost estimate results is provided in Table 1:

Table 1
Cost per Connection Comparison

Wastewater Service Provider	Cost per Connection
Austin Water Utility Taylor Lane WWTP (not including the $2900 p/LUE Capital Recovery Fee)	$ 14,180
Proposed New Blake Manor – East Travis County WWTP (on-site) (not including the $1300 p/LUE meter fee)	$ 5,870
Additional Cost per Connection to Connect to Austin Water Utility	$ 8,310

The cost per connection to connect to Austin Water Utility Taylor Lane WWTP is 2.4 times the cost to construct an on-site WWTP. The excessive cost to connect to into the existing Austin Water Utility CCN causes the option to be unviable. It would be impossible to provide affordable housing if the cost per sewer connection is more than double.

Attachment DTR 1.1-1.B.2
CCN Cost Analysis Support Calculations
Blake Manor – East Travis County WWTP
Schoolfield-Groundwork Venture, LLC

PROPOSED ONSITE WASTEWATER TREATMENT PLANT OPTION

5521 Permit

ONSITE OPTION BUDGET

HARD COSTS		LOW		HIGH	
					2024 Kimley Horn Estimate (not including offsite easement negotiations)
Main trunk line to WWTP	$	2,500,000.00	$	3,000,000.00	with 5% inflation increase
Phase I WWTP (LUE 1-900)	$	3,825,000.00	$	5,175,000.00	2024 Estimate from SCWW with 5% inflation increase
Phase II WWTP (LUE 901-1825)	$	3,927,000.00	$	5,313,000.00	2024 Estimate from SCWW with 5% inflation increase
Phase IIII WWTP (LUE 1826-2905)	$	4,585,750.00	$	6,204,250.00	2024 Estimate from SCWW with 5% inflation increase
SUBTOTAL HARD COSTS	$	14,837,750.00	$	19,692,250.00	

SOFT COSTS		LOW		HIGH
Soft Costs (15%)	$	2,225,662.50	$	2,953,837.50
Insurance and Bonding (3%)	$	445,132.50	$	590,767.50
Contingency (15%)	$	2,225,662.50	$	2,953,837.50
SUBTOTAL SOFT COSTS-Phase I Only	$	4,896,457.50	$	6,498,442.50

TOTAL ESTIMATED COSTS	**$**	**17,063,412.50**	**$**	**22,646,087.50**	
Cost Per LUE	*$*	*5,873.81*	*$*	*7,795.56*	*Does not include $1,300 p/LUE connection fee required by PUC*

AUSTIN WATER UTILITY TAYLOR LANE WASTEWATER TREATMENT PLANT OPTION

5521 Permit

AWU OPTION BUDGET

HARD COSTS		LOW		HIGH	
					2024 Kimley Horn Estimate (not including offsite easement negotiations)
Offsite WW line to Braker Lane Trunk Line	$	5,775,000.00	$	6,300,000.00	with 5% inflation increase
WWTP .25 MGD Upgrade (required after 100 LUEs)	$	12,600,000.00	$	13,650,000.00	2024 Bid Tab for Same Updgrade to Same Plant with 5% inflation increase
WWTP .25 MGD Upgrade (required between 450-1000 LUEs)	$	12,600,000.00	$	13,650,000.00	2024 Bid Tab for Same Updgrade to Same Plant with 5% inflation increase
SUBTOTAL HARD COSTS-Phase I Only	$	30,975,000.00	$	33,600,000.00	

SOFT COSTS		LOW		HIGH
Soft Costs (15%)	$	4,646,250.00	$	5,040,000.00
Insurance and Bonding (3%)	$	929,250.00	$	1,008,000.00
Contingency (15%)	$	4,646,250.00	$	5,040,000.00
SUBTOTAL SOFT COSTS-Phase I Only	$	10,221,750.00	$	11,088,000.00

TOTAL ESTIMATED COSTS	**$**	**41,196,750.00**	**$**	**44,688,000.00**	*Does not include $2,900 p/LUE impact fee that AWU charges*
Cost Per LUE	*$*	*14,181.33*	*$*	*15,383.13*	

Attachment DTR 1.1-3.A

Nearby WWTPs List & Map

Attachment DTR 1.1-3.A
Nearby WWTPs List
Blake Manor – East Travis County WWTP
Schoolfield-Groundwork Venture, LLC

Per the application instruction, requests for service must be mailed to all applicable wastewater treatment facilities with active permits (constructed facilities with the capacity to serve the proposed service area). Seven (7) facilities appear on the TCEQ Wastewater Outfall Map Viewer within a three-mile radius of the proposed facility site; however, two (2) of these facilities are not constructed. A list of these facilities that includes each permittee's name and permit number and the facility status is provided as follows:

1. CITY OF AUSTIN
   (AUSTIN WATER UTILITIES)
   TAYLOR LANE WWTP
   WQ0010543014
   Active

2. CITY OF AUSTIN
   (AUSTIN WATER UTILITIES)
   WILD HORSE RANCH WWTP
   WQ0010543013
   Active

3. CITY OF MANOR
   WILBARGER CREEK WWTP
   WQ0012900001
   Active

4. WILBARGER CREEK MUD NO 2
   WILBARGER CREEK MUD NO 2 WWTP
   WQ0014189001
   Active

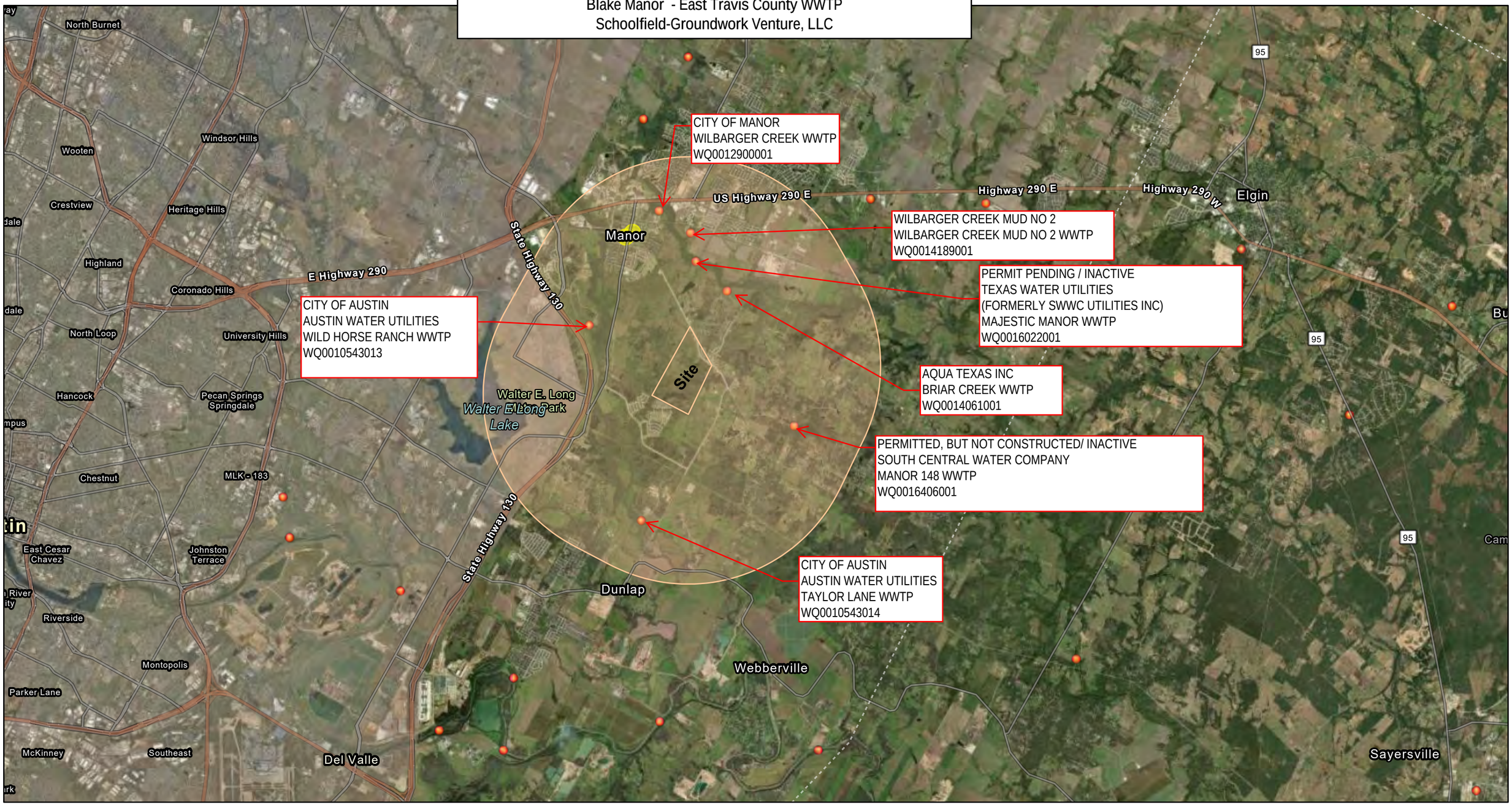
5. AQUA TEXAS INC
   BRIAR CREEK WWTP
   WQ0014061001
   Active

6. TEXAS WATER UTILITIES
   (FORMERLY SWWC UTILITIES INC)
   MAJESTIC MANOR WWTP
   WQ0016022001
   Permitted, but not constructed (Inactive)

7. SOUTH CENTRAL WATER COMPANY
   MANOR 148 WWTP
   WQ0016406001
   Permit Pending (Not constructed / Inactive)

An area map showing the location of these WWTPs is found on the following page.

Attachment DTR 1.1-3.A
WWTPs within 3-Mile Radius of Proposed Facility Map
Blake Manor - East Travis County WWTP
Schoolfield-Groundwork Venture, LLC



3/27/2025, 2:23:15 PM

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0 2 4 8 km

- ArcGIS World Geocoding Service
- Wastewater Outfalls
- World Imagery
- Low Resolution 15m Imagery
- High Resolution 60cm Imagery
- High Resolution 30cm Imagery
- Citations

Source: TCEQ Wastewater Outfalls Viewer
https://www.tceq.texas.gov/gis/wastewater-outfalls-viewer

Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, Nearmap, Earthstar Geographics, TCEQ

Experience Builder for ArcGIS

Attachment DTR 1.1-3.B

Request for Service Letters with Proof of Mailing

Additional Correspondence with Nearby Facilities

Request for Service Letters with Proof of Mailing

June 3, 2025

Via Certified Return Receipt

Aqua Texas, Inc.
1106 Clayton Lane, Suite 400 W
Austin, Texas 78723
ATTN: Mr. Craig Blanchette, President

Re: Regionalization Inquiry for Schoolfield-Groundwork Venture, LLC
Blake Manor – East Travis County Wastewater Treatment Plant

Dear Mr. Blanchette:

Schoolfield-Groundwork Venture, LLC is applying for a new Texas Pollutant Discharge Elimination System (TPDES) domestic wastewater discharge permit for the Blake Manor – East Travis County Wastewater Treatment Plant (WWTP). Schoolfield-Groundwork Venture, LLC is required to determine if there are any wastewater treatment plants or collection systems within three (3) miles of the proposed wastewater treatment plant that have capacity or are willing to expand to provide capacity for the ultimate needs of the proposed Blake Manor – East Travis County WWTP. Aqua Texas, Inc. has been identified as operating a wastewater collection system and/or a wastewater treatment plant within three (3) miles of the proposed wastewater treatment plant. The Aqua Texas, Inc. facility is the Briar Creek WWTP, WQ0014061001. It would be greatly appreciated if you could complete the attached survey in Enclosure 1 and either mail to 31 Navasota Street, Suite 150, Austin, TX 78702 or e-mail (steven@momarkdevelopment.com) this questionnaire no later than May 31, 2025. Please contact me at (512) 391-1789 if you have any questions.

Sincerely,

Steven Spears
Principal
Schoolfield-Groundwork Venture, LLC

Enclosure (1)

c: Ms. Luci Dunn, PE, eHT, Senior Project Manager, via email to luci.dunn@e-ht.com

ENCLOSURE 1
SCHOOLFIELD-GROUNDWORK VENTURE, LLC
BLAKE MANOR – EAST TRAVIS COUNTY WASTEWATER TREATMENT PLANT
NEW TPDES PERMIT APPLICATION
REGIONALIZATION SURVEY

Schoolfield-Groundwork Venture, LLC proposes to construct the new Blake Manor – East Travis County Wastewater Treatment Plant (WWTP) to serve the future development outside of Manor, Texas. The new subdivision will be located approximately 3.8 miles southeast of the intersection of State Highway 130 and US Highway 290 on the south side of Blake Manor Road. The proposed development on the approximately 492-acre site will consist primarily of housing and limited supporting commercial uses. Approximately 3,950 residential units ranging from large lot single-family to small lot single-family, from townhomes to multifamily buildings will call this development home, coupled with approximately 130 acres of parks and open space. The median household income in Travis County is $97,169 while the median home price is a staggering $487,600. Thus, providing housing options that are attainable and affordable is the goal of this development. In addition, Schoolfield-Groundwork Venture, LLC intends to apply for a reuse authorization such that the maximum amount of treated effluent may be beneficially reused on-site for irrigation rather than discharged.

The proposed facility would be constructed to discharge treated domestic wastewater at a daily average flow of 0.99 million gallons per day (MGD) as detailed in the following table.

Phase	Design Flow, MGD	Construction Target Start Date	Discharge Target Start Date
Interim Phase I	0.33	January 2026	January 2027
Interim Phase II	0.66	January 2030	June 2030
Final	0.99	January 2035	June 2035

Schoolfield-Groundwork Venture, LLC requests that you respond to the following questions and send your response by mail (31 Navasota Street, Suite 150, Austin, TX 78702) or e-mail (steven@momarkdevelopment.com) no later than June, 30, 2025.

1. Does the Aqua Texas, Inc. Briar Creek WWTP, WQ0010461001, currently have the capacity to accept, or is willing to expand to accept, the proposed flow volume above?

    a. If Yes, please provide the cost of wastewater service connection and a schedule of the facility's expansion (if applicable).

    b. If Yes, is the facility agreeable to return the effluent to the site for beneficial re-use on-site?

        i. If yes, please provide the cost of conveying the treated effluent back to the site for beneficial reuse.

June 3, 2025

Via Certified Return Receipt

City of Manor
PO Box 387
Manor, Texas 78653
ATTN: Mr. Scott Moore, City Manager

Re: Regionalization Inquiry for Schoolfield-Groundwork Venture, LLC
Blake Manor – East Travis County Wastewater Treatment Plant

Dear Mr. Moore:

Schoolfield-Groundwork Venture, LLC is applying for a new Texas Pollutant Discharge Elimination System (TPDES) domestic wastewater discharge permit for the Blake Manor – East Travis County Wastewater Treatment Plant (WWTP). Schoolfield-Groundwork Venture, LLC is required to determine if there are any wastewater treatment plants or collection systems within three (3) miles of the proposed wastewater treatment plant that have capacity or are willing to expand to provide capacity for the ultimate needs of the proposed Blake Manor – East Travis County WWTP. The City of Manor has been identified as operating a wastewater collection system and/or a wastewater treatment plant within three (3) miles of the proposed wastewater treatment plant. The City of Manor facility is the Wilbarger Creek WWTP, WQ0012900001. It would be greatly appreciated if you could complete the attached survey in Enclosure 1 and either mail to 31 Navasota Street, Suite 150, Austin, TX 78702 or e-mail (steven@momarkdevelopment.com) this questionnaire no later than May 31, 2025. Please contact me at (512) 391-1789 if you have any questions.

Sincerely,

Steven Spears
Principal
Schoolfield-Groundwork Venture, LLC

Enclosure (1)

c: Ms. Luci Dunn, PE, eHT, Senior Project Manager, via email to luci.dunn@e-ht.com

ENCLOSURE 1
SCHOOLFIELD-GROUNDWORK VENTURE, LLC
BLAKE MANOR – EAST TRAVIS COUNTY WASTEWATER TREATMENT PLANT
NEW TPDES PERMIT APPLICATION
REGIONALIZATION SURVEY

Schoolfield-Groundwork Venture, LLC proposes to construct the new Blake Manor – East Travis County Wastewater Treatment Plant (WWTP) to serve the future development outside of Manor, Texas. The new subdivision will be located approximately 3.8 miles southeast of the intersection of State Highway 130 and US Highway 290 on the south side of Blake Manor Road. The proposed development on the approximately 492-acre site will consist primarily of housing and limited supporting commercial uses. Approximately 3,950 residential units ranging from large lot single-family to small lot single-family, from townhomes to multifamily buildings will call this development home, coupled with approximately 130 acres of parks and open space. The median household income in Travis County is $97,169 while the median home price is a staggering $487,600. Thus, providing housing options that are attainable and affordable is the goal of this development. In addition, Schoolfield-Groundwork Venture, LLC intends to apply for a reuse authorization such that the maximum amount of treated effluent may be beneficially reused on-site for irrigation rather than discharged.

The proposed facility would be constructed to discharge treated domestic wastewater at a daily average flow of 0.99 million gallons per day (MGD) as detailed in the following table.

Phase	Design Flow, MGD	Construction Target Start Date	Discharge Target Start Date
Interim Phase I	0.33	January 2026	January 2027
Interim Phase II	0.66	January 2030	June 2030
Final	0.99	January 2035	June 2035

Schoolfield-Groundwork Venture, LLC requests that you respond to the following questions and send your response by mail (31 Navasota Street, Suite 150, Austin, TX 78702) or e-mail (steven@momarkdevelopment.com) no later than June 30, 2025.

1. Does the City of Manor Wilbarger Creek WWTP, WQ0012900001, currently have the capacity to accept, or is willing to expand to accept, the proposed flow volume above?

    a. If Yes, please provide the cost of wastewater service connection and a schedule of the facility's expansion (if applicable).

    b. If Yes, is the facility agreeable to return the effluent to the site for beneficial re-use on-site?

        i. If yes, please provide the cost of conveying the treated effluent back to the site for beneficial reuse.

June 3, 2025

Via Certified Return Receipt

Wilbarger Creek Municipal Utility District No. 2
100 Congress Avenue, Suite 1300
Austin, Texas 78701
ATTN: Mr. Wilmer Roberts, President

Re: Regionalization Inquiry for Schoolfield-Groundwork Venture, LLC
Blake Manor – East Travis County Wastewater Treatment Plant

Dear Mr. Roberts:

Schoolfield-Groundwork Venture, LLC is applying for a new Texas Pollutant Discharge Elimination System (TPDES) domestic wastewater discharge permit for the Blake Manor – East Travis County Wastewater Treatment Plant (WWTP). Schoolfield-Groundwork Venture, LLC is required to determine if there are any wastewater treatment plants or collection systems within three (3) miles of the proposed wastewater treatment plant that have capacity or are willing to expand to provide capacity for the ultimate needs of the proposed Blake Manor – East Travis County WWTP. Wilbarger Creek Municipal Utility District No. 2 has been identified as operating a wastewater collection system and/or a wastewater treatment plant within three (3) miles of the proposed wastewater treatment plant. The Wilbarger Creek Municipal Utility District No. 2 WWTP permit number is WQ0014189001. It would be greatly appreciated if you could complete the attached survey in Enclosure 1 and either mail to 31 Navasota Street, Suite 150, Austin, TX 78702 or e-mail (steven@momarkdevelopment.com) this questionnaire no later than May 31, 2025. Please contact me at (512) 391-1789 if you have any questions.

Sincerely,

Steven Spears
Principal
Schoolfield-Groundwork Venture, LLC

Enclosure (1)

c: Ms. Luci Dunn, PE, eHT, Senior Project Manager, via email to luci.dunn@e-ht.com

ENCLOSURE 1
SCHOOLFIELD-GROUNDWORK VENTURE, LLC
BLAKE MANOR – EAST TRAVIS COUNTY WASTEWATER TREATMENT PLANT
NEW TPDES PERMIT APPLICATION
REGIONALIZATION SURVEY

Schoolfield-Groundwork Venture, LLC proposes to construct the new Blake Manor – East Travis County Wastewater Treatment Plant (WWTP) to serve the future development outside of Manor, Texas. The new subdivision will be located approximately 3.8 miles southeast of the intersection of State Highway 130 and US Highway 290 on the south side of Blake Manor Road. The proposed development on the approximately 492-acre site will consist primarily of housing and limited supporting commercial uses. Approximately 3,950 residential units ranging from large lot single-family to small lot single-family, from townhomes to multifamily buildings will call this development home, coupled with approximately 130 acres of parks and open space. The median household income in Travis County is $97,169 while the median home price is a staggering $487,600. Thus, providing housing options that are attainable and affordable is the goal of this development. In addition, Schoolfield-Groundwork Venture, LLC intends to apply for a reuse authorization such that the maximum amount of treated effluent may be beneficially reused on-site for irrigation rather than discharged.

The proposed facility would be constructed to discharge treated domestic wastewater at a daily average flow of 0.99 million gallons per day (MGD) as detailed in the following table.

Phase	Design Flow, MGD	Construction Target Start Date	Discharge Target Start Date
Interim Phase I	0.33	January 2026	January 2027
Interim Phase II	0.66	January 2030	June 2030
Final	0.99	January 2035	June 2035

Schoolfield-Groundwork Venture, LLC requests that you respond to the following questions and send your response by mail (31 Navasota Street, Suite 150, Austin, TX 78702) or e-mail (steven@momarkdevelopment.com) no later than June 30, 2025.

1. Does the Wilbarger Creek Municipal Utility District No. 2 WWTP, WQ0014189001, currently have the capacity to accept, or is willing to expand to accept, the proposed flow volume above?

    a. If Yes, please provide the cost of wastewater service connection and a schedule of the facility's expansion (if applicable).

    b. If Yes, is the facility agreeable to return the effluent to the site for beneficial re-use on-site?

        i. If yes, please provide the cost of conveying the treated effluent back to the site for beneficial reuse.

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9589 0710 5270 2919 1477 12
9589 0710 5270 2919 1477 29

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Product	Qty	Unit Price	Price
First-Class Mail® Letter Austin, TX 78723 Weight: 0 lb 0.50 oz Estimated Delivery Date Sat 06/07/2025	1		$0.73
Certified Mail®			$4.85
Tracking #: 9589 0710 5270 2919 1477 05			
Total			$5.58
First-Class Mail® Letter Manor, TX 78653 Weight: 0 lb 0.50 oz Estimated Delivery Date Sat 06/07/2025	1		$0.73
Certified Mail®			$4.85
Tracking #: 9589 0710 5270 2919 1477 12			
Total			$5.58
First-Class Mail® Letter Austin, TX 78701 Weight: 0 lb 0.50 oz Estimated Delivery Date Sat 06/07/2025	1		$0.73
Certified Mail®			$4.85
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Grand Total:			$16.74
Credit Card Remit			$16.74

Card Name: MasterCard
Account #: XXXXXXXXXXXX2178
Approval #: 003287
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AID: A0000000041010 Chip

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☒ Return Receipt (electronic) $ $0.00	Postmark Here
☐ Certified Mail Restricted Delivery $ $0.00	
☒ Adult Signature Required $ $0.00	
☐ Adult Signature Restricted Delivery $	
Postage $0.73	
$	06/03/2025
Total Postage and Fees $5.58	
$	

Sent To Wilbarger Creek Municipal Utility Dist #2
Street and Apt. No., or PO Box No. 100 Congress Avenue, Suite 1300
City, State, ZIP+4® Austin, TX 78701

PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions

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☒ Return Receipt (electronic) $ $0.00	Postmark Here
☐ Certified Mail Restricted Delivery $ $0.00	
☒ Adult Signature Required $ $0.00	
☐ Adult Signature Restricted Delivery $	
Postage $0.73	
$	06/03/2025
Total Postage and Fees $5.58	
$	

Sent To City of Manor
Street and Apt. No., or PO Box No. P.O. Box 387
City, State, ZIP+4® Manor, TX 78653

PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions

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☐ Return Receipt (hardcopy) $ $0.00	
☒ Return Receipt (electronic) $ $0.00	Postmark Here
☐ Certified Mail Restricted Delivery $ $0.00	
☒ Adult Signature Required $ $0.00	
☐ Adult Signature Restricted Delivery $	
Postage $0.73	
$	06/03/2025
Total Postage and Fees $5.58	
$	

Sent To Aqua Texas Inc.
Street and Apt. No., or PO Box No. 1106 Clayton Lane, Suite 400W
City, State, ZIP+4® Austin, TX 78723

PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions

Additional Correspondence with Nearby Facilities

Austin Water Utilities

City of Austin

Attachment DTR 1.1-3.B
Austin Water Utilities
Additional Correspondence with Nearby Facilities
Blake Manor – East Travis County WWTP
Schoolfield-Groundwork Venture, LLC

The Austin Water Utilities Wastewater Service Extension Approval, dated 2/23/2024 is attached followed by the supporting Service Extension Request (SER) Applications. Initially, the SER process only included the Schoolfield property. The Schoolfield-Groundwork Venture, LLC added another property, the Crowes Nest and submitted a revised SER. The revised 2022 SER is the application for which the approval is based. It includes the Schoolfield property and Crowes Nest property. However, the Schoolfield-Groundwork Venture, LLC were not able to secure the Crowes Nest property. The Crowes Nest property is not included in the proposed new subdivision.

Correspondence with the Austin Water Utilities covers both the Taylor Lane WWTP (WQ0010543014) which is the closest downgradient WWTP to the proposed facility and the Wildhorse Ranch WWTP (WQ0010543013) is located upgradient of the proposed facility.

WATER AND WASTEWATER SERVICE EXTENSION REQUEST FOR CONSIDERATION

Name: Schoolfield Tract		Service Requested: **Wastewater**
SER-5171	Infor (IPS) Service Request Number 920424	Date Received: 05/13/2021
Location: 17775 BLAKE MANOR RD AUSTIN TX 78653		
Acres: 588.53	Land Use: MIXED	LUE: 3422
Alt. Utility Service or S.E.R. Number: Water service to be provided by Manville WSC		
Quad(s): U26 U25 U24 T26 T25 T24	Reclaimed Pressure Zone: N/A	DDZ: YES
Drainage Basin: GILLELAND	Pressure Zone: NORTH	DWPZ: NO
Flow (Estimated Peak Wet Weather): 1,981 GPM		
Cost Participation: $0.00	% Within City Limits: 0	% Within Limited Purpose: 0

Description of Improvements:
Prior to exceeding 100 LUEs within the subject tract, Applicant shall replace approximately 1,650 feet of existing 10-inch and 12-inch gravity wastewater main (Project No. 2015-0500) with an oversized 24-inch wastewater interceptor from the existing 30-inch wastewater interceptor (Project No. 2013-0542; MH #263792) at Gilleland Creek and extend east-northeast along the tributary of Gilliland Creek and across E Braker Ln to the existing 24-inch wastewater interceptor (Project No. 2021-0941; MH #263789), as approximately shown on the attached map.

Applicant shall construct approximately 2,400 feet of oversized 24-inch wastewater interceptor (approximately 0.15% slope) from the existing 24-inch wastewater interceptor (Project No. 2021-0941; MH #302379) on the north side of E Braker Ln and extend northeast along the tributary of Gilliland Creek to the southwestern corner of the subject tract, as approximately shown on the attached map. The proposed 24-inch wastewater interceptor shall be designed at a slope (approximately 0.15%) that will facilitate future gravity wastewater main extension from the upstream end west across the tributary of Gilleland Creek.

Applicant shall then construct approximately 2,500 feet of oversized 18-inch wastewater interceptor (minimum 0.64% slope) from the proposed 24-inch wastewater interceptor and extend north along the tributary of Gilleland Creek within the subject tract, as approximately shown on the attached map. Should the minimum 0.64% slope prevent the wastewater interceptor from having acceptable clearance from the Erosion Hazard Zone (as determined by Austin Water during plan review), a minimum 0.6% slope may be constructed.

From this point, Applicant shall extend proposed 15-inch and 12-inch gravity wastewater mains to serve the northern and eastern sub-basins within the subject tract, respectively. For the northern sub-basin, Applicant shall construct approximately 2,350 feet of oversized 15-inch gravity wastewater main (minimum 0.5% slope) from the proposed 18-inch wastewater interceptor described above and extend north within the subject tract, as approximately shown on the attached map. To serve the eastern sub-basin, Applicant shall construct approximately 5,400 feet of 12-inch gravity wastewater main (minimum 1.0% slope) from the proposed 18-inch gravity wastewater main described above and extend east within the subject tract to Taylor Ln, as approximately shown on the attached map. If either of the proposed 15-inch or 12-inch gravity wastewater mains do not extend to the western or eastern boundary, Applicant shall dedicate an appropriately sized wastewater easement to allow future extension by others.

Applicant shall also construct approximately 1,100 feet of appropriately sized gravity wastewater main from the proposed oversized 15-inch gravity wastewater main and extend north within the subject tract to the highest or northernmost point that can be served by the proposed gravity wastewater main, as approximately shown on the attached map.

If the northernmost portion of the subject tract within the Wilbarger drainage basin cannot be served by the proposed gravity wastewater improvements described above, then Applicant shall construct an appropriately sized lift station near the northwestern corner of the subject tract and approximately 1,500 feet of appropriately sized force main from the proposed lift station and extend south to the proposed appropriately sized gravity wastewater main described above, as approximately shown on the attached map. Depending on how the subject tract is ultimately subdivided and developed, private pumping systems within individual lots may be acceptable in lieu of the proposed public lift station and force main, provided that each lot has direct access to a public gravity collection main.

Taylor Lane WWTP Upgrades

- Phase 1 (to serve up to 100 LUEs within the subject tract): No upgrades to the Taylor Lane WWTP are required for Phase 1 wastewater service. Taylor Lane WWTP has a current planned capacity of 0.6 MGD (0.35 MGD existing and one 0.25 MGD expansion under design and to be constructed by others).
- Phase 2 (to serve between 100 and 450 LUEs within the subject tract): Applicant shall design and construct a 0.25 MGD expansion to Taylor Lane WWTP. Applicant shall upgrade the Taylor Lane WWTP Influent Lift Station sized to accommodate the proposed Phase 2 and Phase 3 (see below) expansions to the Taylor Lane WWTP. The proposed upgrade shall include, but is not limited to, construction of a new wet well sized to accommodate five pumps (approximately 2,780 gpm peak wet weather flow). Applicant shall also upgrade the force main, as needed.

- Phase 3 (to serve above 450 LUEs within the subject tract):
  - Applicant shall design a second 0 25 MGD expansion to the Taylor Lane WWTP Depending on the plant configuration and firm capacity at the time of this phasing threshold, Applicant shall upgrade the Taylor Lane WWTP Influent Lift Station and force main or construct a new lift station and force main Design shall be completed prior to receiving service beyond 450 LUEs within the subject tract.
  - Applicant may delay construction of the second 0 25 MGD expansion and associated improvements until the combined wastewater flows from this SER and other development within the contributing drainage basin to the Taylor Lane WWTP reaches 75% of the plant's constructed capacity or prior to exceeding 1,000 LUEs within the subject tract, whichever occurs first Construction shall be completed and accepted by the City prior to receiving service beyond 1,500 LUEs within the subject tract

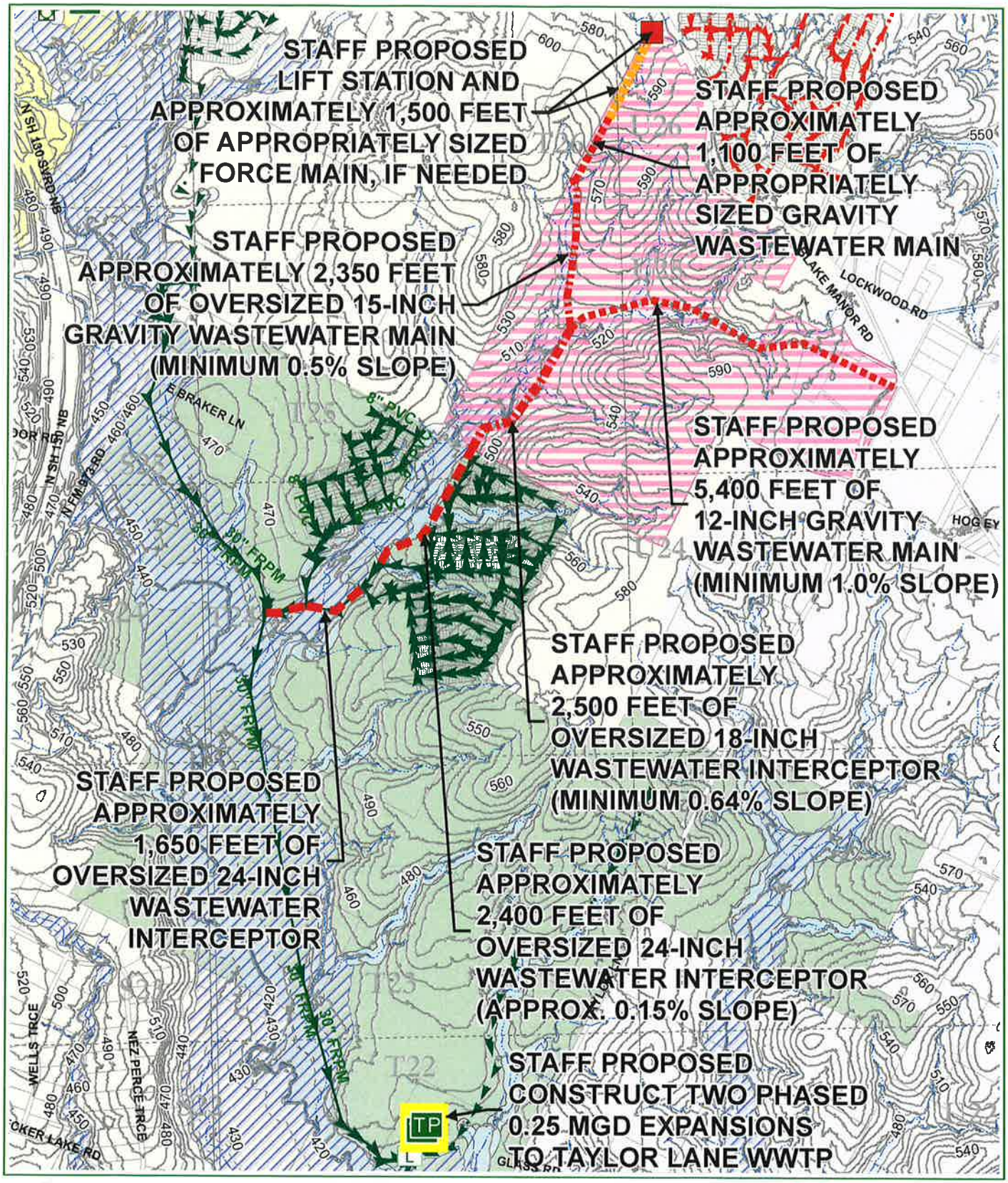
Construction plans and/or site plans submitted for lots within this SER shall include a development tracking table to confirm compliance with the LUE limits established by this SER The table shall be located on the AW General Construction Notes sheet and minimally should list project name, case number, development type, LUE, acres, and PWWF for approved or constructed projects

NOTES: 1) Wastewater flow based on engineering calculations received from Michael Loftis, P E of Kimley-Horn on 03/30/2022. 2) Portions of the proposed 24-inch wastewater interceptor and the 15-inch gravity wastewater main are also proposed with SER-2725R (Eastwood) Should the Applicant's project require the proposed wastewater improvements before they are put in service by the Eastwood project, design and construction of the proposed wastewater improvements are the responsibility of the Applicant 2) Each proposed 0 25 MGD expansion of the Taylor Lane WWTP is approximately 30% (cumulative 60%) of the treatment capacity needed for full development of the subject tract (approximately 0 84 MGD) The City of Austin or its assigns will construct future plant expansions (beyond those required by this SER), as development progresses 3) Inspection services for the proposed wastewater treatment plant and lift station improvements shall be performed by Austin's Public Works Department, Construction Services Division and at the Applicant's expense 4) An agreement between the City of Austin and the Applicant may be required to establish terms and conditions for construction activities within the existing Taylor Lane WWTP site 5) For wastewater billing purposes, Manville WSC must agree to provide winter months (November through February) water readings to the City of Austin within 5 business days of the City's request Prior to construction plan approval, an agreement shall be executed between Manville WSC and the City of Austin regarding this billing arrangement

Approval of this Service Extension Request is subject to completion and acceptance of the improvements described above and the conditions set forth below:

1) Construction of all Service Extensions is subject to all environmental and planning ordinances.
2) Service Extensions are subject to the guidelines established in the Land Development Code, Chapter 25-9, Water and Wastewater Utility Service
3) An approved Service Extension is not a reservation of capacity in the system, but is an acknowledgment of the intent to serve. Available capacity shall be confirmed at the time a development application is submitted.
4) The level of service approved by this document does not imply commitment for land use
5) Public utility mains must meet City of Austin Design and Construction Criteria and must be approved by Austin Water Engineering Review
6) Proposed public wastewater improvements will be dedicated to the City of Austin for ownership, operation, and maintenance
7) Proposed public wastewater improvements must be placed in the public right-of-way or approved utility easements Utility easements must be approved by Austin Water Engineering Review and must be in place prior to construction plan approval
8) Engineering Report submitted to Facility Engineering detailing the proposed wastewater improvements which will address the dedication of easements
9) The approved Service Extension will automatically expire 180 days after date of approval unless a development application has been accepted by the Development Services Department The Service Extension expires on the date the development expires, or if approved, on the date the development application approval expires
10) Approval by the City Council will be required should the applicant seek cost participation for oversized wastewater improvements.
11) If a Municipal Utility District (MUD) is pursued for the subject tract, terms and conditions will be established of which could include a reduction in eligible cost reimbursement by the City for wastewater infrastructure and provisions for water service per the City's MUD policy.

Project Manager, Utility Development Services	2/12/24 Date	Supervisor, Utility Development Services	2/13/24 Date
Assistant Director, Austin Water	02/17/2024 Date	Director, Austin Water	2/23/2024 Date



W.W. S.E.R. Name: Schoolfield Tract
W.W. S.E.R. Number: 5171

Utility Development Services Plotted 01/22/2024

City of Austin | Austin Water
625 E 10th Street, Suite 715
Austin, Texas 78701
http://www.austintexas.gov/SER
SER@austintexas.gov

Service Extension Request Application and Fair Notice Form

☐Water ☒Wastewater ☐Reclaimed Water

Project Name: Schoolfield Tract	☐SMART Housing Project
Site Address:	Zip: 78653
Tax Parcel # 442040 and # 934013	

Bob Schoolfield	Robert McClafferty	5/12/21
Name of Owner (Type or Print)	Signature of Owner	Date
Steven Spears		7/13/21
Name of Developer or Authorized Agent (Type or Print) [If Different than Owner]	Signature of Developer or Authorized Agent	Date
Michael Loftis		5/12/21
Name of Engineer (Type or Print)	Signature of Engineer	Date

STATE OF Texas
COUNTY OF Travis
This instrument was acknowledged before me on this the 13th day of July, 2021, by
BOB SCHOOLFIELD
Printed Name of Signer (Owner)

SENAIDA BARRERA
Notary Public, State of Texas
Comm. Expires 10-26-2022
Notary ID 131774301

Senaida Barrera
Notary Public, State of Texas

Engineer: Michael Loftis	
Firm: Kimley-Horn	
Address: 2600 Via Fortuna, Terrace I, Suite 300, Austin, TX 78746	
Phone Number: 512-646-2242	email: michael.loftis@kimley-horn.com

☐ Owner ☒ Developer	Name: Steven Spears
Firm: Momark Development	
Address: 1711 E. Cesar Chavez, Suite B, Austin, TX 78702	
Phone Number: 512-391-1789	email: steven@momarkdevelopment.com

Have you submitted both Water and Wastewater service extensions? Yes ☐ No ☒

If not, please explain why it is not necessary:

The property is only within AWU's Wastewater CCN. The water CCN is within Manville WSC.

Feasibility investigation of decentralized wastewater options (required for wastewater SERs only)

☒ Due to the proximity of centralized wastewater service and/or the density of this development, decentralized wastewater options were not determined to be feasible.

☐ Other (Provide decentralized wastewater feasibility investigation statement in the submitted Engineering Materials)

Related Development Cases (Plat, Preliminary Plan, or Site Plan): N/A
Quadrant location number(s): U25, T25, U24, T24
Percent of tract within the City Limits of Austin: 0%
Percentage of tract within the Desired Development Zone: 100%
Percentage of tract within the Drinking Water Protection Zone: 0%
Water pressure zone: N/A
Water provider: Manville Water Supply Corporation
Wastewater drainage basin: Gilleland
Wastewater provider: Austin Water
Reclaimed water pressure zone (if applicable): N/A

Proposed Use(s):

Single Family Residence, Modular Home, Mobile Home	1000 (number of units)
Duplex	_____ (number of duplexes)
Triplex, Fourplex	_____ (number of units, e.g. 1 triplex = 3 units)
Condo Unit; P.U.D. or Apartment Unit (less than 24 units/acre)	1400 (number of units)
Condo or Apartment Unit (greater than or equal to 24 units/acre)	1000 (number of units)
Hotel or Motel Room	_____ (number of rooms)
Office	_____ (total square feet)
Office Warehouse	_____ (total square feet)
Retail, Shopping Center	40,000 (total square feet)
Restaurant, Cafeteria	_____ (total square feet)
Hospital	_____ (number of beds)
Rest Home	_____ (number of beds)
Church (Worship services only)	_____ (number of seats)
High School / Middle School (includes Gym and Cafeteria)	_____ (number of students)
Elementary School (includes Gym and Cafeteria)	_____ (number of students)
Other (Specify _____)	_____ (number of _____)
LUE Subtotal:	2,504

LUE Guidance Document Available Upon Request

Information for the Proposed Service Extension

Supporting Calculations and Documentation are required

Property Area (acres): 496.84

Water Demand: Peak Hour 4,865 gpm; Peak Day 2,865 gpm

Fire Flow Requirement (unsprinkled)*: 4000 gpm for 4 hours at 20 psi

Sprinkler Reduction: Yes ☒ No ☐

Fire Flow Requirement (with sprinkler reduction, if applicable)*: 1500 gpm for 4 hours at 20 psi

Wastewater Flow (Peak Wet Weather Flows with Inflow & Infiltration): 1,578 gpm

Reclaimed Water Demand (Max Day with Irrigation and Cooling): N/A gpm

Highest Elevation on the Land to be Served by the SER: 604 above mean sea level

Lowest Elevation on the Land to be Served by the SER: 482 above mean sea level

***The Fire Flow Requirement should be based on the International Fire Code. For more information please contact the Austin Fire Department, Engineering Services at 512-974-0160.**

City of Austin | Austin Water
625 E 10th Street, Suite 715
Austin, Texas 78701
http://www.austintexas.gov/SER
SER@austintexas.gov

Service Extension Request Application and Fair Notice Form

☐Water ☒Wastewater ☐Reclaimed Water

Project Name: Schoolfield Tract + Crowe's Nest	☐SMART Housing Project
Site Address:	Zip: 78653
Tax Parcel #214285, #442043, #806632, #785952	

David Williams	David Williams	1/05/22
Name of Owner (Type or Print)	Signature of Owner	Date
Steven Spears		
Name of Developer or Authorized Agent (Type or Print) [If Different than Owner]	Signature of Developer or Authorized Agent	Date
Michael Loftis		11/11/21
Name of Engineer (Type or Print)	Signature of Engineer	Date

STATE OF _____
COUNTY OF _____
This instrument was acknowledged before me on this the _____ day of _____, _____, by David Williams.
Printed Name of Signer (Owner)

_____
Notary Public, State of _____

Engineer: Michael Loftis	
Firm: Kimley-Horn	
Address: 5301 Southwest Parkway, Austin, TX 78735	
Phone Number: 512-646-2242	email: michael.loftis@kimley-horn.com

☐ Owner ☒ Developer	Name: Steven Spears
Firm: Momark Development	
Address: 1711 E. Cesar Chavez, Suite B, Austin, TX 78702	
Phone Number: 512-391-1789	email: steven@momarkdevelopment.com

Have you submitted both Water and Wastewater service extensions? Yes ☐ No ☒

If not, please explain why it is not necessary:

The property is only within AWU's Wastewater CCN. The water CCN is within Manville WSC.

Feasibility investigation of decentralized wastewater options (required for wastewater SERs only)

☒ Due to the proximity of centralized wastewater service and/or the density of this development, decentralized wastewater options were not determined to be feasible.

☐ Other (Provide decentralized wastewater feasibility investigation statement in the submitted Engineering Materials)

Related Development Cases (Plat, Preliminary Plan, or Site Plan): N/A
Quadrant location number(s): U25, T25, U24, T24
Percent of tract within the City Limits of Austin: 0%
Percentage of tract within the Desired Development Zone: 100%
Percentage of tract within the Drinking Water Protection Zone: 0%
Water pressure zone: N/A
Water provider: Manville Water Supply Corporation
Wastewater drainage basin: Gilleland
Wastewater provider: Austin Water
Reclaimed water pressure zone (if applicable): N/A

Proposed Use(s):

Single Family Residence, Modular Home, Mobile Home	1225 (number of units)
Duplex	_____ (number of duplexes)
Triplex, Fourplex	_____ (number of units, e.g. 1 triplex = 3 units)
Condo Unit; P.U.D. or Apartment Unit (less than 24 units/acre)	1800 (number of units)
Condo or Apartment Unit (greater than or equal to 24 units/acre)	1225 (number of units)
Hotel or Motel Room	_____ (number of rooms)
Office	_____ (total square feet)
Office Warehouse	_____ (total square feet)
Retail, Shopping Center	60,000 (total square feet)
Restaurant, Cafeteria	_____ (total square feet)
Hospital	_____ (number of beds)
Rest Home	_____ (number of beds)
Church (Worship services only)	_____ (number of seats)
High School / Middle School (includes Gym and Cafeteria)	_____ (number of students)
Elementary School (includes Gym and Cafeteria)	_____ (number of students)
Other (Specify _____)	_____ (number of _____)
LUE Subtotal:	3,134

LUE Guidance Document Available Upon Request

Information for the Proposed Service Extension

Supporting Calculations and Documentation are required

Property Area (acres): 590.84

Water Demand: Peak Hour 6,855 gpm; Peak Day 4,037 gpm

Fire Flow Requirement (unsprinkled)*: 4000 gpm for 4 hours at 20 psi

Sprinkler Reduction: Yes ☒ No ☐

Fire Flow Requirement (with sprinkler reduction, if applicable)*: 1500 gpm for 4 hours at 20 psi

Wastewater Flow (Peak Wet Weather Flows with Inflow & Infiltration): 1,783 gpm

Reclaimed Water Demand (Max Day with Irrigation and Cooling): N/A gpm

Highest Elevation on the Land to be Served by the SER: 604 above mean sea level

Lowest Elevation on the Land to be Served by the SER: 482 above mean sea level

***The Fire Flow Requirement should be based on the International Fire Code. For more information please contact the Austin Fire Department, Engineering Services at 512-974-0160.**

Attachment DTR 1.1-3.C

Justification for the Proposed Facility & Cost Analysis
Nearby Facilities

Attachment DTR 1.1-3.C
Justification for the Proposed Facility & Cost Analysis
Nearby Facilities
City of Austin – Taylor Lane WWTP
Blake Manor – East Travis County WWTP
Schoolfield-Groundwork Venture, LLC

This information is a duplicate of the information included in Attachment DTR 1.1-1.B.2 related to the CCN since the Taylor Lane WWTP is located within the 3-mile radius of the proposed facility.

There is no wastewater infrastructure currently serving the property. While the proposed 492-acre development including the Blake Manor-East Travis County wastewater treatment plan (WWTP) is located within the City of Austin sewer utility CCN area (CCN 20636), Austin Water Utility's (AWU) closest wastewater infrastructure is 2 ½ miles from the property. AWU is not willing to provide service to the property (beyond 100 living unit equivalents (LEUs)) before significant upfront upgrades to its infrastructure are made by the development. 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 are provided herein.

The median household income in Travis County is $97,169 while the median home price is a staggering $487,600. Thus, providing housing options that are attainable and affordable is the goal of this development. The cost for sewer services must be the financially viable choice to ensure the goal of the development is achieved.

Schoolfield-Groundwork Venture, LLC contracted with Kimley-Horn to conduct a sewer cost analysis to either connect to the Austin Water Utility Taylor Lane WWTP (WQ0010543014) or to provide on-site wastewater treatment. The results tables are presented on the following page. Both a conservative estimate (Low) and cost estimate with a higher inflation factor (High) are presented. A summary of the lower cost estimate results is provided in Table 1:

Table 1
Cost per Connection Comparison

Wastewater Service Provider	Cost per Connection
Austin Water Utility Taylor Lane WWTP (not including the $2900 p/LUE Capital Recovery Fee)	$ 14,180
Proposed New Blake Manor – East Travis County WWTP (on-site) (not including the $1300 p/LUE meter fee)	$ 5,870
Additional Cost per Connection to Connect to Austin Water Utility	$ 8,310

The cost per connection to connect to Austin Water Utility Taylor Lane WWTP is 2.4 times the cost to construct an on-site WWTP. The excessive cost to connect to into the existing Austin Water Utility CCN causes the option to be unviable. It would be impossible to provide affordable housing if the cost per sewer connection is more than double.

Attachment DTR 1.1-3.C
(Copy of Attachment DTR 1.1-1.B.2)
CCN Cost Analysis Support Calculations
Blake Manor – East Travis County WWTP
Schoolfield-Groundwork Venture, LLC

PROPOSED ONSITE WASTEWATER TREATMENT PLANT OPTION

5521 Permit
ONSITE OPTION BUDGET

HARD COSTS		LOW		HIGH	
Main trunk line to WWTP	$	2,500,000.00	$	3,000,000.00	2024 Kimley Horn Estimate (not including offsite easement negotiations) with 5% inflation increase
Phase I WWTP (LUE 1-900)	$	3,825,000.00	$	5,175,000.00	2024 Estimate from SCWW with 5% inflation increase
Phase II WWTP (LUE 901-1825)	$	3,927,000.00	$	5,313,000.00	2024 Estimate from SCWW with 5% inflation increase
Phase IIII WWTP (LUE 1826-2905)	$	4,585,750.00	$	6,204,250.00	2024 Estimate from SCWW with 5% inflation increase
SUBTOTAL HARD COSTS	$	14,837,750.00	$	19,692,250.00	
SOFT COSTS		LOW		HIGH	
Soft Costs (15%)	$	2,225,662.50	$	2,953,837.50	
Insurance and Bonding (3%)	$	445,132.50	$	590,767.50	
Contingency (15%)	$	2,225,662.50	$	2,953,837.50	
SUBTOTAL SOFT COSTS-Phase I Only	$	4,896,457.50	$	6,498,442.50	
TOTAL ESTIMATED COSTS	**$**	**17,063,412.50**	**$**	**22,646,087.50**	
Cost Per LUE	*$*	*5,873.81*	*$*	*7,795.56*	*Does not include $1,300 p/LUE connection fee required by PUC*

AUSTIN WATER UTILITY TAYLOR LANE WASTEWATER TREATMENT PLANT OPTION

5521 Permit
AWU OPTION BUDGET

HARD COSTS		LOW		HIGH	
Offsite WW line to Braker Lane Trunk Line	$	5,775,000.00	$	6,300,000.00	2024 Kimley Horn Estimate (not including offsite easement negotiations) with 5% inflation increase
WWTP .25 MGD Upgrade (required after 100 LUEs)	$	12,600,000.00	$	13,650,000.00	2024 Bid Tab for Same Updgrade to Same Plant with 5% inflation increase
WWTP .25 MGD Upgrade (required between 450-1000 LUEs)	$	12,600,000.00	$	13,650,000.00	2024 Bid Tab for Same Updgrade to Same Plant with 5% inflation increase
SUBTOTAL HARD COSTS-Phase I Only	$	30,975,000.00	$	33,600,000.00	
SOFT COSTS		LOW		HIGH	
Soft Costs (15%)	$	4,646,250.00	$	5,040,000.00	
Insurance and Bonding (3%)	$	929,250.00	$	1,008,000.00	
Contingency (15%)	$	4,646,250.00	$	5,040,000.00	
SUBTOTAL SOFT COSTS-Phase I Only	$	10,221,750.00	$	11,088,000.00	
TOTAL ESTIMATED COSTS	**$**	**41,196,750.00**	**$**	**44,688,000.00**	*Does not include $2,900 p/LUE impact fee that AWU charges*
Cost Per LUE	*$*	*14,181.33*	*$*	*15,383.13*	

Attachment DTR 1.1-4

Design Calculations

DESIGN CALCULATIONS AND PLANT DESIGN FEATURES
BLAKE MANOR - EAST TRAVIS COUNTY WWTP
INTERIM PHASE I

Influent Quality Characteristics

Parameter	Concentration		Assumed per 30 TAC 217.32(a)(3) Table B.1
BOD_5	250	mg/L	
TSS	200	mg/L	
NH_3	30	mg/L	

Influent Flow Characteristics

Flow[1]	Gallons/Day (gpd)	Gallons/Min (gpm)
Q_{ave}	660,000	458
Q_{pk}	2,640,000	1833

[1] Q_{ave} = Average Daily Flow; Q_{pk} = Peak 2-hour flow

(Standard 4 since not existing. Note that 2-hour peak flow in a discharge permit is typically N/A for SBRs)

Average Influent BOD5, TSS and TKN Loading

Parameter	Avg. Loading Pounds/day
BOD_5	1376
TSS	1101
NH_3	165

Unit Process Design Features

Treatment Units	Design Parameters	Units	Value	TCEQ Standards
1. Bar Screens				
Manual Screen				
	a. No. of Screens		1	
	b. Screen Width		2.5 ft	
	c. Screen Depth		5.2 ft	
	d. Screen Wetted Depth		2.0 ft	
	e. Screen Slope	Degree	60° from Horizontal	> or = 30, but < or = 60
	f. Screen Spacing	inch	1	> or = 0.5, but < or = 1.75
	g. Velocity Through Screen @ Design Flow	ft/sec	1.63	1.0 < V < 3.0
Mechanical Bar Screen				
	a. No. of Bar Racks		1	
	b. Bar Screen Slope	Degree	80° from Horizontal	-
	c. Bar Spacing	Inch	0.25	> or = 0.25, but < or = 1.75
	d. Velocity Through Screen @ Design Flow	ft/sec	1.48	> or = 1.0, but < or = 3.0
2. Aeration Basins - SBR				
	a. No. of Basins		1	
	b. Area Of Each Basin	ft^2	1980	
	c. Side Water Depth	ft	13.5	
	d. Total Aeration Volume	ft^3	80,190	
	e. Organic Loading	lbs/day/1000 cu.ft.	17.16	Max. Organic Loading of 35 for SBR Process
3. Chlorine Contact Basin and Chlorine Feed System				
	a. No. of Basins		2	
	b. Length of Each Basin	ft	40	
	c. Width of Each Basin	ft	8	
	d. Side Water Depth	ft	8.5	
	e. Total Volume (Both Basins)	cu.ft.	5440	
	f. Detention Time @ 2-hour peak flow	minutes	22	Min. 20 minutes

4. Effluent Flow Metering/Weir Box

a. Throat Width	in	6
b. Maximum Head Over Weir @ 2-Hour Peak Flow	ft	1.5
c. Maximum Flow	mgd	3.78

5. SBR Return Activated Sludge (RAS) Pumps

a. No. of Pumps		1 per SBR basin (total of 1 basin for Interim Phase I)
b. Type of Pumps		Submersible Non-Clog Wastewater Pumps
c. Capacity of Each Pump	gpm	135
d. Head of Each Pump	ft	33

6. Waste Activated Sludge (WAS) Holding Basin

a. No. of WAS Holding Basin		1
b. Storage Volume (Approximate)	cu.ft.	12,566
c. No. of Days of Sludge Storage	days	10

7. WAS Pump Station

a. No. of Pumps		2 (1 duty plus 1 standby)
b. Type of Pumps		Submersible Non-Clog Wastewater Pumps
c. Capacity of Each Pump	gpm	135
d. Head of Each Pump	ft	33

The proposed treatment unit sizes are based on the conceptual treatment system and do not reflect an engineered design.

DESIGN CALCULATIONS AND PLANT DESIGN FEATURES
BLAKE MANOR - EAST TRAVIS COUNTY WWTP
INTERIM PHASE I

Influent Quality Characteristics

Parameter	Concentration		Assumed per 30 TAC 217.32(a)(3) Table B.1
BOD_5	250	mg/L	
TSS	200	mg/L	
NH_3	30	mg/L	

Influent Flow Characteristics

Flow[1]	Gallons/Day (gpd)	Gallons/Min (gpm)
Q_{ave}	660,000	458
Q_{pk}	2,640,000	1833

[1] Q_{ave} = Average Daily Flow; Q_{pk} = Peak 2-hour flow

(Standard 4 since not existing. Note that 2-hour peak flow in a discharge permit is typically N/A for SBRs)

Average Influent BOD5, TSS and TKN Loading

Parameter	Avg. Loading Pounds/day
BOD_5	1376
TSS	1101
NH_3	165

Unit Process Design Features

Treatment Units	Design Parameters	Units	Value	TCEQ Standards
1. Bar Screens				
Manual Screen				
	a. No. of Screens		1	
	b. Screen Width		2.5 ft	
	c. Screen Depth		5.2 ft	
	d. Screen Wetted Depth		2.0 ft	
	e. Screen Slope	Degree	60° from Horizontal	> or = 30, but < or = 60
	f. Screen Spacing	inch	1	> or = 0.5, but < or = 1.75
	g. Velocity Through Screen @ Design Flow	ft/sec	1.63	1.0 < V < 3.0
Mechanical Bar Screen				
	a. No. of Bar Racks		1	
	b. Bar Screen Slope	Degree	80° from Horizontal	-
	c. Bar Spacing	Inch	0.25	> or = 0.25, but < or = 1.75
	d. Velocity Through Screen @ Design Flow	ft/sec	1.48	> or = 1.0, but < or = 3.0
2. Aeration Basins - SBR				
	a. No. of Basins		1	
	b. Area Of Each Basin	ft^2	1980	
	c. Side Water Depth	ft	13.5	
	d. Total Aeration Volume	ft^3	80,190	
	e. Organic Loading	lbs/day/1000 cu.ft.	17.16	Max. Organic Loading of 35 for SBR Process
3. Chlorine Contact Basin and Chlorine Feed System				
	a. No. of Basins		2	
	b. Length of Each Basin	ft	40	
	c. Width of Each Basin	ft	8	
	d. Side Water Depth	ft	8.5	
	e. Total Volume (Both Basins)	cu.ft.	5440	
	f. Detention Time @ 2-hour peak flow	minutes	22	Min. 20 minutes

4. Effluent Flow Metering/Weir Box

a. Throat Width	in	6
b. Maximum Head Over Weir @ 2-Hour Peak Flow	ft	1.5
c. Maximum Flow	mgd	3.78

5. SBR Return Activated Sludge (RAS) Pumps

a. No. of Pumps		1 per SBR basin, 2 total
b. Type of Pumps		Submersible Non-Clog Wastewater Pumps
c. Capacity of Each Pump	gpm	135
d. Head of Each Pump	ft	33

6. Waste Activated Sludge (WAS) Holding Basin

a. No. of WAS Holding Basin		1
b. Storage Volume (Approximate)	cu.ft.	12,566
c. No. of Days of Sludge Storage	days	10

7. WAS Pump Station

a. No. of Pumps		2 (1 duty plus 1 standby)
b. Type of Pumps		Submersible Non-Clog Wastewater Pumps
c. Capacity of Each Pump	gpm	135
d. Head of Each Pump	ft	33

The proposed treatment unit sizes are based on the conceptual treatment system and do not reflect an engineered design.

DESIGN CALCULATIONS AND PLANT DESIGN FEATURES
BLAKE MANOR - EAST TRAVIS COUNTY WWTP
FINAL PHASE

Influent Quality Characteristics

Parameter	Concentration	Assumed per 30 TAC 217.32(a)(3) Table B.1
BOD_5	250 mg/L	
TSS	200 mg/L	
NH_3	30 mg/L	

Influent Flow Characteristics

Flow[1]	Gallons/Day (gpd)	Gallons/Min (gpm)
Q_{ave}	990,000	688
Q_{pk}	3,960,000	2750

[1] Q_{ave} = Average Daily Flow; Q_{pk} = Peak 2-hour flow

(Standard 4 since not existing. Note that 2-hour peak flow in a discharge permit is typically N/A for SBRs)

Average Influent BOD5, TSS and TKN Loading

Parameter	Avg. Loading Pounds/day
BOD_5	2064
TSS	1651
NH_3	248

Unit Process Design Features

Treatment Units	Design Parameters	Units	Value	TCEQ Standards
1. Bar Screens				
Manual Screen				
	a. No. of Screens		1	
	b. Screen Width		2.5 ft	
	c. Screen Depth		5.2 ft	
	d. Screen Wetted Depth		2.0 ft	
	e. Screen Slope	Degree	60° from Horizontal	> or = 30, but < or = 60
	f. Screen Spacing	inch	1	> or = 0.5, but < or = 1.75
	g. Velocity Through Screen @ Design Flow	ft/sec	2.45	1.0 < V < 3.0
Mechanical Bar Screen				
	a. No. of Bar Racks		1	
	b. Bar Screen Slope	Degree	80° from Horizontal	-
	c. Bar Spacing	Inch	0.25	> or = 0.25, but < or = 1.75
	d. Velocity Through Screen @ Design Flow	ft/sec	1.48	> or = 1.0, but < or = 3.0
2. Aeration Basins - SBR				
	a. No. of Basins		3	
	b. Area Of Each Basin	ft^2	1980	
	c. Side Water Depth	ft	13.5	
	d. Total Aeration Volume	ft^3	80,190	
	e. Organic Loading	lbs/day/1000 cu.ft.	25.74	Max. Organic Loading of 35 for SBR Process
3. Chlorine Contact Basin and Chlorine Feed System				
	a. No. of Basins		2	
	b. Length of Each Basin	ft	40	
	c. Width of Each Basin	ft	8	
	d. Side Water Depth	ft	8.5	
	e. Total Volume (Both Basins)	cu.ft.	5440	
	f. Detention Time @ 2-hour peak flow	minutes	15	Min. 20 minutes

4. Effluent Flow Metering/Weir Box

a. Throat Width	in	6
b. Maximum Head Over Weir @ 2-Hour Peak Flow	ft	1.5
c. Maximum Flow	mgd	3.78

5. SBR Return Activated Sludge (RAS) Pumps

a. No. of Pumps		1 per SBR basin, 3 total
b. Type of Pumps		Submersible Non-Clog Wastewater Pumps
c. Capacity of Each Pump	gpm	135
d. Head of Each Pump	ft	33

6. Waste Activated Sludge (WAS) Holding Basin

a. No. of WAS Holding Basin		1
b. Storage Volume (Approximate)	cu.ft.	12,566
c. No. of Days of Sludge Storage	days	10

7. WAS Pump Station

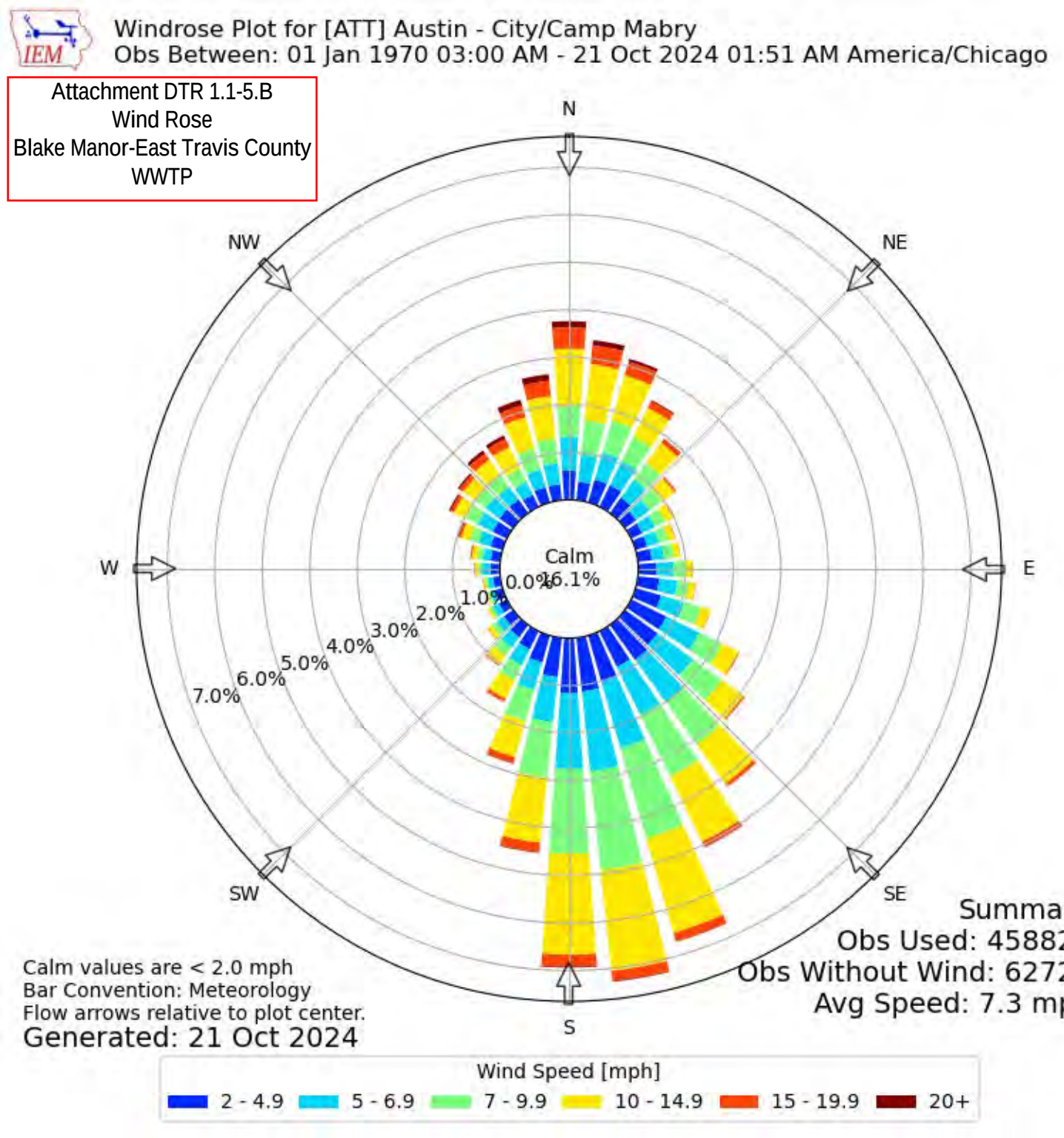
a. No. of Pumps		2 (1 duty plus 1 standby)
b. Type of Pumps		Submersible Non-Clog Wastewater Pumps
c. Capacity of Each Pump	gpm	135
d. Head of Each Pump	ft	33

The proposed treatment unit sizes are based on the conceptual treatment system and do not reflect an engineered design.

Attachment DTR 1.1-5.B

Wind Rose

Attachment DTR 1.1-5.B
Wind Rose
Blake Manor-East Travis County
WWTP



Attachment DTR 1.1-7

Solids Management Plan

Sludge Management Plan
Blake Manor - East Travis County WWTP

Interim I Permit Phase (0.33 mgd)

Components

Dewatering Containers
2 Units = 30 CY each, 60 CY total volume

Solids Removal Process

The sludge pump in the SBR basin conveys sludge from the SBR to a sludge holding tank and then to the dewatering containers, where the sludge is injected with polymer prior to entering the containers. Operators control how much sludge is retained in the SBRs or wasted out of the plant via the sludge pump control set points. Drainage surfaces inside the dumpster-like containers retain the sludge while allowing water to drain. The drain water is routed to the head of the plant. When one of the containers is full of sludge and adequately dewatered, the container is transported to the Austin - Travis County Landfill (Municipal Solid Waste Disposal Permit #1841C) or other approved facility. The sludge is unloaded, and the container is returned to the WWTP.

Quantity of Solids Generated

Design Flow	0.33	mgd
Influent BOD Conc.	250	mg/l (per 2015 TAC 217 rules revision)
SBR Basin MLSS	3,000-5,000	mg/L

Solids Generated at:	100% flow	75% flow	50% flow	25% flow	
Influent BOD (lbs/day):	688	516	344	172	
Sludge produced (dry lbs/day)*	620	465	310	155	
(wet lbs/day)	61,965	46,473	30,982	15,491	
(gal/day)	7,388	5,541	3,694	1,847	
* Assuming a sludge yield of	0.90	lbs dry sludge per lb influent BOD,			
a solids concentration of	1%	and a sludge specific gravity of			1.005
Dewatered sludge (gal/day)**	482	362	241	121	
(CY/day)	2.4	1.8	1.2	0.6	
** Assuming solids content of	14%	and a sludge specific gravity of			1.1

Schedule of Sludge Removal

When one of the containers is full of sludge and adequately dewatered, the container is transported to the landfill for disposal of the sludge.

Time to fill one container (days) at:	100% flow	75% flow	50% flow	25% flow
	13	17	25	50

Interim Phase II Permit Phase (0.66 mgd)

Components

Dewatering Containers
2 Units = 30 CY each, 60 CY total volume

Solids Removal Process

The sludge pump in each SBR basin conveys sludge from the SBR to a sludge holding tank and then to the dewatering containers, where the sludge is injected with polymer prior to entering the containers. Operators control how much sludge is retained in the SBRs or wasted out of the plant via the sludge pump control set points. Drainage surfaces inside the dumpster-like containers retain the sludge while allowing water to drain. The drain water is routed to the head of the plant. When one of the containers is full of sludge and adequately dewatered, the container is transported to the Austin - Travis County Landfill (Municipal Solid Waste Disposal Permit #1841C) or other approved facility. The sludge is unloaded, and the container is returned to the WWTP.

Quantity of Solids Generated

Design Flow	0.66	mgd
Influent BOD Conc.	250	mg/l (per TAC 217 rules)
SBR Basin MLSS	3,000-5,000	mg/L

Solids Generated at:	100% flow	75% flow	50% flow	25% flow	
Influent BOD (lbs/day):	1,377	1,033	688	344	
Sludge produced (dry lbs/day)*	1,239	929	620	310	
(wet lbs/day)	123,929	92,947	61,965	30,982	
(gal/day)	14,776	11,082	7,388	3,694	
* Assuming a sludge yield of	0.90	lbs dry sludge per lb influent BOD,			
a solids concentration of	1%	and a sludge specific gravity of			1.005
Dewatered sludge (gal/day)**	964	723	482	241	
(CY/day)	4.8	3.6	2.4	1.2	
(Dry Metric Tons /Year)	224	168	112	56	
** Assuming solids content of	14%	and a sludge specific gravity of			1.1

Schedule of Sludge Removal

When one of the containers is full of sludge and adequately dewatered, the container is transported to the landfill for disposal of the sludge.

Time to fill one container (days) at:	100% flow	75% flow	50% flow	25% flow
	6	8	13	25

Final Permit Phase (0.99 mgd)

Components

Dewatering Containers
2 Units = 30 CY each, 60 CY total volume

Solids Removal Process

The sludge pump in each SBR basin conveys sludge from the SBR to a sludge holding tank and then to the dewatering containers, where the sludge is injected with polymer prior to entering the containers. Operators control how much sludge is retained in the SBRs or wasted out of the plant via the sludge pump control set points. Drainage surfaces inside the dumpster-like containers retain the sludge while allowing water to drain. The drain water is routed to the head of the plant. When one of the containers is full of sludge and adequately dewatered, the container is transported to the Austin - Travis County Landfill (Municipal Solid Waste Disposal Permit #1841C) or other approved facility. The sludge is unloaded, and the container is returned to the WWTP.

Quantity of Solids Generated

Design Flow	0.99	mgd
Influent BOD Conc.	250	mg/l (per 2015 TAC 217 rules revision)
SBR Basin MLSS	3,000-5,000	mg/L

Solids Generated at:	100% flow	75% flow	50% flow	25% flow	
Influent BOD (lbs/day):	2,065	1,549	1,033	516	
Sludge produced (dry lbs/day)*	1,859	1,394	929	465	
(wet lbs/day)	185,894	139,420	92,947	46,473	
(gal/day)	20,250	15,188	10,125	5,063	
* Assuming a sludge yield of	0.90	lbs dry sludge per lb influent BOD,			
a solids concentration of	1%	and a sludge specific gravity of			1.1
Dewatered sludge (gal/day)**	1,446	1,085	723	362	
(CY/day)	7.2	5.4	3.6	1.8	
** Assuming solids content of	14%	and a sludge specific gravity of			1.1

Schedule of Sludge Removal

When one of the containers is full of sludge and adequately dewatered, the container is transported to the landfill for disposal of the sludge.

Time to fill one container (days) at:	100% flow	75% flow	50% flow	25% flow
	4	6	8	17