



# Technical 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. Second notice (NAPD-Notice of Preliminary Decision)
    - English
    - Alternative Language (Spanish)
  4. Application materials \*
  5. Draft permit \*
  6. Technical summary or fact sheet \*
- 



# Portada de Paquete Técnico

**Este archivo contiene los siguientes documentos:**

1. Resumen de la solicitud (en lenguaje sencillo)
  - Inglés
  - Idioma alternativo (español)
2. Primer aviso (NORI, Aviso de Recepción de Solicitud e Intención de Obtener un Permiso)
  - Inglés
  - Idioma alternativo (español)
3. Segundo aviso (NAPD, Aviso de Decisión Preliminar)
  - Inglés
  - Idioma alternativo (español)
4. Materiales de la solicitud \*\*
5. Proyecto de permiso \*\*
6. Resumen técnico u hoja de datos \*\*



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

### PLAIN LANGUAGE SUMMARY FOR TPDES OR TLAP PERMIT APPLICATIONS

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

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

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

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

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

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

MRG ATX Holdings, LLC ([CN 603988023](#)) operates Miraval Austin WWTP (RN 101920353), a wastewater treatment plant with effluent disposal fields. The facility is located at 13500 Farm to Market Rd 2769, in Austin, Travis County, Texas 78626. to renew Texas Land Application Permit (TLAP) No. WQ0012330001 at a daily average flow not to exceed 0.014 million gallons per day (MGD) in the Interim phase via public access subsurface drip irrigation system with a minimum area of 3.2 acres, and 0.027 MGD in the Final phase via public access subsurface drip irrigation system with a minimum area of 6.3 acres. This permit will not authorize a discharge of pollutants into water in the state.

Discharges from the facility are expected to contain NA no discharge. Domestic wastewater is treated by Treatment units in the Interim phase include bar screens, equalization tank, aeration basin, final clarifier, digester, chlorine contact chamber, effluent lift station, effluent storage tank and a subsurface drip irrigation system. The Final phase facility will consist of an activated sludge process plant using the conventional mode. Treatment units will include

bar screens, aeration basins, final clarifiers, aerobic digesters, chlorine contact chambers, effluent lift station, effluent storage tank and a subsurface drip irrigation system..

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

AGUAS RESIDUALES Introduzca 'INDUSTRIALES' o 'DOMÉSTICAS' aquí /AGUAS PLUVIALES

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

MRG ATX Holdings, LLC (CN 603988023 ) opera Miraval Austin WWTP RN 101920353 , una Planta de tratamiento de aguas residuales con campos de eliminación de efluentes. La instalación está ubicada en 13500 Farm to Market Rd 2769, en Austin, Condado de Travis, Texas 78726. Renovar el Permiso de Solicitud de Tierras de Texas (TLAP) N.º WQ0012330001 con un caudal promedio diario que no supere los 0.014 millones de galones por día (MGD) en la fase provisional a través de un sistema de riego por goteo subterráneo de acceso público con un área mínima de 3.2 acres, y 0.027 MGD en la fase final a través de un sistema de riego por goteo subterráneo de acceso público con un área mínima de 6.3 acres. <<Para las solicitudes de TLAP incluya la siguiente oración, de lo contrario, elimine:>> Este permiso no autorizará una descarga de contaminantes en el agua en el estado.

Se espera que las descargas de la instalación contengan N/A. Aguas residuales domésticas. está tratado por Las unidades de tratamiento en la fase intermedia incluyen rejillas de rejilla, tanque de ecualización, cuenca de aireación, clarificador final, digestor, cámara de contacto con cloro, estación de elevación de efluentes, tanque de almacenamiento de efluentes y un sistema de riego por goteo subterráneo. La instalación de la fase final constará de una planta de procesamiento de lodos activados que utilice el modo convencional. Las unidades de tratamiento incluirán rejillas de rejilla, cuencas de aireación, clarificadores finales, digestores aeróbicos, cámaras de contacto con cloro, estación de elevación de efluentes, tanque de almacenamiento de efluentes y un sistema de riego por goteo subterráneo.



# TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



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

PERMIT NO. WQ0014203001

**APPLICATION.** MRG ATX Holdings, LLC, 13500 Farm-to-Market Road 2769, Austin, Texas 78726, has applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Land Application Permit (TLAP) No. WQ0014203001 to authorize the disposal of treated wastewater at a volume not to exceed a daily average flow of 27,000 gallons per day via public access subsurface drip irrigation system with a minimum of 6.3 acres. The domestic wastewater treatment facility and disposal area are located at 13500 Farm-to-Market Road 2769, in the city of Austin, in Travis County, Texas 78726. TCEQ received this application on October 2, 2024. The permit application will be available for viewing and copying at Austin Central Library, Circulation Desk, 710 West Cesar Chavez Street, 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/tlap-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=-97.869444,30.442222&level=18>

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

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

**PUBLIC COMMENT / PUBLIC MEETING.** You may submit public comments or request a public meeting on this application. The purpose of a public meeting is to provide the opportunity to submit comments or to ask questions about the application. TCEQ will hold a

public meeting if the Executive Director determines that there is a significant degree of public interest in the application or if requested by a local legislator. A public meeting is not a contested case hearing.

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

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

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

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

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

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

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

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

Further information may also be obtained from MRG ATX Holdings, LLC at the address stated above or by calling Mr. Doug Tune, P.E., JDT Group, Inc., at 512-217-3398.

Issuance Date: November 4, 2024

# Comisión de Calidad Ambiental del Estado de Texas



## AVISO DE RECIBO DE LA SOLICITUD E INTENCION DE OBTENER PERMISO PARA LA CALIDAD DEL AGUA RENOVACION

PERMISO NO. WQ0014203001

**SOLICITUD.** MRG ATX Holdings, LLC, 13500 Farm-to-Market Road 769, Austin, Texas, 78726, ha solicitado a la Comisión de Calidad Ambiental de Texas (TCEQ) para renovar el Permiso No. WQ0014203001 de disposición de aguas residuales para autorizar la disposición de aguas residuales tratadas en un volumen que no sobrepasa un flujo promedio diario de 27,000 galones por día por medio de public access subsurface drip irrigation system with a minimum of 6.3 acres. La planta de tratamiento de aguas domésticos residuales y el área de disposición están ubicados en at 13500 Farm-to-Market Road 2769, in the city of Austin, in Travis County, Texas 78626 en el Condado de Travis, Texas. La TCEQ recibió esta solicitud el día on October 2, 2024. La solicitud para el permiso estará disponible para leerla y copiarla en 701 West Cesar Chavez, Austin, Texas 78701 antes de la fecha de publicación de este aviso en el periódico. Este enlace a un mapa electrónico de la ubicación general del sitio o de la instalación es proporcionado como una cortesía y no es parte de la solicitud o del aviso. Para la ubicación exacta, consulte la solicitud.:

<https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tlap-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 todos los comentarios públicos esenciales, pertinentes, o significativos. **A menos que la solicitud haya sido referida directamente a una audiencia administrativa de lo contencioso, la respuesta a los comentarios y la decisión del Director Ejecutivo sobre la solicitud serán enviados por correo a todos los que presentaron un comentario público y a las personas que están en la lista para recibir avisos sobre esta solicitud. Si se reciben comentarios, el aviso también proveerá instrucciones para pedir una reconsideración de la decisión del Director Ejecutivo y para pedir una audiencia administrativa de lo contencioso.** Una audiencia administrativa de lo contencioso es un procedimiento legal similar a un procedimiento legal civil en un tribunal de distrito del estado.

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

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

Si ciertos criterios se cumplen, la TCEQ puede actuar sobre una solicitud para renovar un permiso sin proveer una oportunidad de una audiencia administrativa de lo contencioso.

**LISTA DE CORREO.** Si somete comentarios públicos, un pedido para una audiencia administrativa de lo contencioso o una reconsideración de la decisión del Director Ejecutivo, la Oficina del Secretario Principal enviará por correo los avisos públicos en relación con la solicitud. 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 de el solicitante indicado por nombre y número del permiso específico y/o (2) la

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

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

También se puede obtener información adicional del MRG ATX Holdings, LLC a la dirección indicada arriba o llamando a Mr. Doug Tune, P.E., JDT Group, Inc., al 512-217-3398.

Fecha de emisión 4 de noviembre de 2024

# TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



## NOTICE OF APPLICATION AND PRELIMINARY DECISION FOR WATER QUALITY LAND APPLICATION PERMIT FOR MUNICIPAL WASTEWATER

### RENEWAL

**PERMIT NO. WQ0014203001**

**APPLICATION AND PRELIMINARY DECISION.** MRG ATX Holdings, LLC, 13500 Farm-to-Market Road 2769, Austin, Texas 78726, has applied to the Texas Commission on Environmental Quality (TCEQ) for a renewal of TCEQ Permit No. WQ0014203001 which authorizes the disposal of treated domestic wastewater at a daily average flow not to exceed 27,000 gallons per day via public access subsurface drip irrigation system with a minimum area of 6.3 acres. This permit will not authorize a discharge of pollutants into water in the state. TCEQ received this application on October 2, 2024.

The wastewater treatment facility and disposal site are located at 13500 Farm-to-Market Road 2769, in the City of Austin, in Travis County, Texas 78726. The wastewater treatment facility and disposal site are located in the drainage basin of Lake Travis in Segment No. 1404 of the Colorado River Basin. This link to an electronic map of the site or facility's general location is provided as a public courtesy and is not part of the application or notice. For the exact location, refer to the application.

<https://gisweb.tceq.texas.gov/LocationMapper/?marker=-97.869444,30.442222&level=18>

The TCEQ Executive Director has completed the technical review of the application and prepared a draft permit. The draft permit, if approved, would establish the conditions under which the facility must operate. The Executive Director has made a preliminary decision that this permit, if issued, meets all statutory and regulatory requirements. The permit application, Executive Director's preliminary decision, and draft permit are available for viewing and copying at Austin Central Library, Circulation Desk, 710 West Cesar Chavez Street, Austin, in Travis County, Texas. The application, including any updates, and associated notices are available electronically at the following webpage:

<https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tlap-applications>.

**ALTERNATIVE LANGUAGE NOTICE.** Alternative language notice in Spanish is available at <https://www.tceq.texas.gov/permitting/wastewater/plain-language-summaries-and-public-notices>. El aviso de idioma alternativo en español está disponible en <https://www.tceq.texas.gov/permitting/wastewater/plain-language-summaries-and-public-notices>.

**PUBLIC COMMENT / PUBLIC MEETING.** You may submit public comments or request a public meeting about this application.] The purpose of a public meeting is to provide the opportunity to submit comments or to ask questions about the application. TCEQ holds 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 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 a contested case hearing or reconsideration of the Executive Director's decision.** A contested case hearing is a legal proceeding similar to a civil trial in a state district court.

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

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

The Commission may only grant a request for a contested case hearing on issues the requestor submitted in their timely comments that were not subsequently withdrawn. **If a hearing is granted, the subject of a hearing will be limited to disputed issues of fact or mixed questions of fact and law relating to relevant and material water quality concerns submitted during the comment period. TCEQ may act on an application to renew a permit for discharge of wastewater without providing an opportunity for a contested case hearing if certain criteria are met.**

**EXECUTIVE DIRECTOR ACTION.** The Executive Director may issue final approval of the application unless a timely contested case hearing request or request for reconsideration is filed. If a timely hearing request or request for reconsideration is filed, the Executive Director will not issue final approval of the permit and will forward the application and request to the TCEQ Commissioners for their consideration at a scheduled Commission meeting.



**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.

**All written public comments and public meeting requests must be submitted to the Office of the Chief Clerk, MC 105, Texas Commission on Environmental Quality, P.O. Box 13087, Austin, TX 78711-3087 or electronically at [www.tceq.texas.gov/goto/comment](http://www.tceq.texas.gov/goto/comment) within 30 days from the date of newspaper publication of this notice.**

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

**AGENCY CONTACTS AND INFORMATION.** Public comments and requests must be submitted either electronically at [www.tceq.texas.gov/goto/comment](http://www.tceq.texas.gov/goto/comment), 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. Any personal information you submit to the TCEQ will become part of the agency's record; this includes email addresses. For more information about this permit application or the permitting process, please call the TCEQ Public Education Program, Toll Free, at 1-800-687-4040 or visit their website at [www.tceq.texas.gov/goto/pep](http://www.tceq.texas.gov/goto/pep). Si desea información en Español, puede llamar al 1-800-687-4040.

Further information may also be obtained from MRG ATX Holdings, LLC at the address stated above or by calling Mr. Doug Tune, P.E., JDT Group, Inc., at 512-217-3398.

Issuance Date: June 6, 2025

# Comisión De Calidad Ambiental Del Estado De Texas



## AVISO DE SOLICITUD Y DECISIÓN PRELIMINAR PARA PERMISO PARA APLICACIÓN DE LA CALIDAD DEL AGUA EN TERRENOS PARA AGUAS RESIDUALES MUNICIPALES

### RENOVACIÓN

**PERMISO NO. WQ0014203001**

**SOLICITUD Y DECISIÓN PRELIMINAR.** MRG ATX Holdings, LLC, 13500 Farm-to-Market Road 2769, Austin, Texas 78726 ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) por una renovación para autorizar WQ0014203001 which authorizes the disposal of treated domestic wastewater at a daily average flow not to exceed 27,000 gallons per day via public access subsurface drip irrigation system with a minimum area of 6.3 acres. Este permiso no autorizará una descarga de contaminantes a las aguas del estado. La TCEQ recibió esta solicitud el October 2, 2024.

La planta y el sitio de disposición están ubicadas en 13500 Farm-to-Market Road 2769, in the City of Austin, en el Condado de Travis, Texas. La planta y el sitio de disposición están ubicados en la cuenca de drenaje de Lake Travis en el Segmento No. 1404 de la Cuenca del Río Colorado River Basin . 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=-97.869444,30.442222&level=18>

El Director Ejecutivo de la TCEQ ha completado la revisión técnica de la solicitud y ha preparado un borrador del permiso. El borrador del permiso, si es aprobado, establecería las condiciones bajo las cuales la instalación debe operar. El Director Ejecutivo ha tomado una decisión preliminar que si este permiso es emitido, cumple con todos los requisitos normativos y legales. La solicitud del permiso, la decisión preliminar del Director Ejecutivo y el borrador del permiso están disponibles para leer y copiar en Austin Central Library, Circulation Desk, 710 West Cesar Chavez Street, Austin, in Travis County, Texas. La solicitud (cualquier actualización y aviso inclusive) está disponible electrónicamente en la siguiente página web:

<https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tlap-applications>.

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

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

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

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

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

**ACCIÓN DEL DIRECTOR EJECUTIVO.** El Director Ejecutivo puede emitir una aprobación final de la solicitud a menos que exista un pedido antes del plazo de vencimiento de una audiencia administrativa de lo contencioso o se ha presentado un pedido de reconsideración. Si un pedido ha llegado antes del plazo de vencimiento de la audiencia o el pedido de reconsideración ha sido presentado, el Director Ejecutivo no emitirá una aprobación final sobre el permiso y enviará la solicitud y el pedido a los Comisionados de la TECQ para consideración en una reunión programada de la Comisión.

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

**Todos los comentarios escritos del público y los pedidos una reunión deben ser presentados durante los 30 días después de la publicación del aviso a la Oficina del Secretario Principal, MC 105, TCEQ, P.O. Box 13087, Austin, TX 78711-3087 or por el internet a [www.tceq.texas.gov/about/comments.html](http://www.tceq.texas.gov/about/comments.html).** Tenga en cuenta que cualquier información personal que usted proporcione, incluyendo su nombre, número de teléfono, dirección de correo electrónico y dirección física pasarán a formar parte del registro público de la Agencia.

**CONTACTOS E INFORMACIÓN DE LA AGENCIA.** Los comentarios y solicitudes públicas deben enviarse electrónicamente a <https://www14.tceq.texas.gov/epic/eComment/>, o por escrito a Texas Commission on Environmental Quality, Office of the Chief Clerk, MC-105, P.O. Box 13087, Austin, Texas 78711-3087. Cualquier información personal que envíe a la TCEQ pasará a formar parte del registro de la agencia; esto incluye las direcciones de correo electrónico. Para obtener más información sobre esta solicitud de permiso o el proceso de permisos, llame al Programa de Educación Pública de la TCEQ, sin cargo, al 1-800-687-4040 o visite su sitio web en [www.tceq.texas.gov/goto/pep](http://www.tceq.texas.gov/goto/pep). Si desea información en español, puede llamar al 1-800-687-4040.

También se puede obtener información adicional del MRG ATX Holdings, LLC a la dirección indicada arriba o llamando a Mr. Doug Tune, P.E., JDT Group, Inc., at 512-217-3398.

Fecha de emission: 6 de junio de 2025



PERMIT NO. WQ0014203001

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY  
P.O. Box 13087  
Austin, Texas 78711-3087

This is a renewal of Permit No.  
WQ0014203001 issued on  
August 30, 2017.

PERMIT TO DISCHARGE WASTES  
under provisions of Chapter 26  
of the Texas Water Code

MRG ATX Holdings, LLC

whose mailing address is

13500 Farm-to-Market Road 2769,  
Austin, Texas 78726

Nature of Business Producing Waste: Domestic wastewater treatment operation, SIC Code 4952.

General Description and Location of Waste Disposal System:

Description: The Miraval Austin Wastewater Treatment Facility consists of an activated sludge process plant using the conventional mode. Treatment units include a bar screen, one aeration basin, one final clarifier, one aerated sludge digester, one effluent lift station, one effluent storage tank, one chlorine contact chamber and a subsurface drip irrigation system. The permittee is authorized to dispose of treated domestic wastewater effluent at a daily average flow not to exceed 0.027 million gallons per day (MGD) via public access subsurface drip irrigation system with a minimum area of 6.3 acres. The facility includes 4 days of storage in the equalization tanks and dosing tanks. Application rates shall not exceed 0.1 gallons per square foot per day. The irrigated crops include native vegetation, Ashe juniper, and live oak.

Location: The wastewater treatment facility and disposal site are located at 13500 Farm-to-Market Road 2769, in the City of Austin, in Travis County, Texas 78726. (See Attachment A.)

Drainage Area: The wastewater treatment facility and disposal site are located in the drainage basin of Lake Travis in Segment No. 1404 of the Colorado River Basin. No discharge of pollutants into water in the state is authorized by this permit.

This permit and the authorization contained herein shall expire at midnight, **ten years from the date of issuance.**

ISSUED DATE:

---

For the Commission

**EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS**

**Conditions of the Permit: No discharge of pollutants into water in the state is authorized.**

A. Effluent Limitations

Character: Treated Domestic Sewage Effluent

Volume: Daily Average Flow – 0.027 MGD from the treatment system

Quality: The following effluent limitations are required:

<u>Parameter</u>	Effluent Concentrations			
	(Not to Exceed)			
	<u>Daily Average</u> mg/l	<u>7-Day Average</u> mg/l	<u>Daily Maximum</u> mg/	<u>Single Grab</u> mg/l
Biochemical Oxygen Demand (5-day)	20	30	45	65
Total Suspended Solids	20	30	45	65

The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units.

The effluent shall be chlorinated in a chlorine contact chamber to a residual of 1.0 mg/l with a minimum detention time of 20 minutes. If the effluent is to be transferred to a holding pond or tank, re-chlorination prior to the effluent being delivered into the irrigation system will be required.

B. Monitoring Requirements:

<u>Parameter</u>	<u>Monitoring Frequency</u>	<u>Sample Type</u>
Flow	Continuous	Totalizing Meter
Biochemical Oxygen Demand (5-day)	One/week	Grab
Total Suspended Solids	One/week	Grab
pH	One/month	Grab
Total Chlorine Residual	Five/week	Grab

The monitoring shall be done after the final treatment unit and prior to storage of the treated effluent. If the effluent is land applied directly from the treatment system, monitoring shall be done after the final treatment unit and prior to land application. These records shall be maintained on a monthly basis and be available at the plant site for inspection by authorized representatives of the Commission for at least three years.

**STANDARD PERMIT CONDITIONS**

This permit is granted in accordance with the Texas Water Code and the rules and other Orders of the Commission and the laws of the State of Texas.

**DEFINITIONS**

All definitions in Section 26.001 of the Texas Water Code and 30 TAC Chapter 305 shall apply to this permit and are incorporated by reference. Some specific definitions of words or phrases used in this permit are as follows:

**1. Flow Measurements**

- a. Daily average flow - the arithmetic average of all determinations of the daily flow within a period of one calendar month. The daily average flow determination shall consist of determinations made on at least four separate days. If instantaneous measurements are used to determine the daily flow, the determination shall be the arithmetic average of all instantaneous measurements taken during that month. Daily average flow determination for intermittent discharges shall consist of a minimum of three flow determinations on days of discharge.
- b. Annual average flow - the arithmetic average of all daily flow determinations taken within the preceding 12 consecutive calendar months. The annual average flow determination shall consist of daily flow volume determinations made by a totalizing meter, charted on a chart recorder and limited to major domestic wastewater discharge facilities with a 1 million gallons per day or greater permitted flow.
- c. Instantaneous flow - the measured flow during the minimum time required to interpret the flow measuring device.

**2. Concentration Measurements**

- a. Daily average concentration - the arithmetic average of all effluent samples, composite or grab as required by this permit, within a period of one calendar month, consisting of at least four separate representative measurements.
  - i. For domestic wastewater treatment plants - When four samples are not available in a calendar month, the arithmetic average (weighted by flow) of all values in the previous four consecutive month period consisting of at least four measurements shall be utilized as the daily average concentration.
  - ii. For all other wastewater treatment plants - When four samples are not available in a calendar month, the arithmetic average (weighted by flow) of all values taken during the month shall be utilized as the daily average concentration.
- b. 7-day average concentration - the arithmetic average of all effluent samples, composite or grab as required by this permit, within a period of one calendar week, Sunday through Saturday.
- c. Daily maximum concentration - the maximum concentration measured on a single day, by the sample type specified in the permit, within a period of one calendar month.

### 3. Sample Type

- a. Composite sample - For domestic wastewater, a composite sample is a sample made up of a minimum of three effluent portions collected in a continuous 24-hour period or during the period of daily discharge if less than 24 hours, and combined in volumes proportional to flow, and collected at the intervals required by 30 TAC § 319.9 (a). For industrial wastewater, a composite sample is a sample made up of a minimum of three effluent portions collected in a continuous 24-hour period or during the period of daily discharge if less than 24 hours, and combined in volumes proportional to flow, and collected at the intervals required by 30 TAC § 319.9 (b).
  - b. Grab sample - an individual sample collected in less than 15 minutes.
4. Treatment Facility (facility) - wastewater facilities used in the conveyance, storage, treatment, recycling, reclamation and/or disposal of domestic sewage, industrial wastes, agricultural wastes, recreational wastes, or other wastes including sludge handling or disposal facilities under the jurisdiction of the Commission.
  5. The term “sewage sludge” is defined as solid, semi-solid, or liquid residue generated during the treatment of domestic sewage in 30 TAC Chapter 312. This includes the solids which have not been classified as hazardous waste separated from wastewater by unit processes.
  6. The term “biosolids” is defined as sewage sludge that has been tested or processed to meet Class A, Class AB, or Class B pathogen standards in 30 TAC Chapter 312 for beneficial use.
  7. Bypass - the intentional diversion of a waste stream from any portion of a treatment facility.

## MONITORING REQUIREMENTS

### 1. Monitoring Requirements

Monitoring results shall be collected at the intervals specified in the permit. Unless otherwise specified in this permit or otherwise ordered by the Commission, the permittee shall conduct effluent sampling in accordance with 30 TAC §§ 319.4 - 319.12.

As provided by state law, the permittee is subject to administrative, civil and criminal penalties, as applicable, for negligently or knowingly violating the Texas Water Code, Chapters 26, 27, and 28, and Texas Health and Safety Code, Chapter 361, including but not limited to knowingly making any false statement, representation, or certification on any report, record or other document submitted or required to be maintained under this permit, including monitoring reports, records or reports of compliance or noncompliance, or falsifying, tampering with or knowingly rendering inaccurate any monitoring device or method required by this permit or violating any other requirement imposed by state or federal regulations.

### 2. Test Procedures

- a. Unless otherwise specified in this permit, test procedures for the analysis of pollutants shall comply with procedures specified in 30 TAC §§ 319.11 - 319.12. Measurements, tests and calculations shall be accurately accomplished in a representative manner.



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

### 3. Records of Results

- a. Monitoring samples and measurements shall be taken at times and in a manner so as to be representative of the monitored activity.
- b. Except for records of monitoring information required by this permit related to the permittee's sewage sludge or biosolids use and disposal activities, which shall be retained for a period of at least five years, monitoring and reporting records, including strip charts and records of calibration and maintenance, copies of all records required by this permit, and records of all data used to complete the application for this permit shall be retained at the facility site, or shall be readily available for review by a TCEQ representative for a period of three years from the date of the record or sample, measurement, report, or application. This period shall be extended at the request of the Executive Director.
- c. Records of monitoring activities shall include the following:
  - i. date, time and place of sample or measurement;
  - ii. identity of individual who collected the sample or made the measurement.
  - iii. date and time of analysis;
  - iv. identity of the individual and laboratory who performed the analysis;
  - v. the technique or method of analysis; and
  - vi. the results of the analysis or measurement and quality assurance/quality control records.

The period during which records are required to be kept shall be automatically extended to the date of the final disposition of any administrative or judicial enforcement action that may be instituted against the permittee.

### 4. Additional Monitoring by Permittee

If the permittee monitors any pollutant at the location(s) designated herein more frequently than required by this permit using approved analytical methods as specified above, all results of such monitoring shall be included in determining compliance with permit requirements.

### 5. Calibration of Instruments

All automatic flow measuring or recording devices and all totalizing meters for measuring flows shall be accurately calibrated by a trained person at plant start-up and as often thereafter as necessary to ensure accuracy, but not less often than annually unless authorized by the Executive Director for a longer period. Such person shall verify in writing that the device is operating properly and giving accurate results. Copies of the verification shall be retained at the facility site and/or shall be readily available for review by a TCEQ representative for a period of three years.

### 6. Compliance Schedule Reports

Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of the permit shall be submitted no later than 14 days following each schedule date to the Regional Office and the Enforcement Division (MC 224).

7. Noncompliance Notification

- a. In accordance with 30 TAC § 305.125(9), any noncompliance which may endanger human health or safety, or the environment shall be reported by the permittee to the TCEQ. Except as allowed by 30 TAC § 305.132, report of such information shall be provided orally or by facsimile transmission (FAX) to the Regional Office within 24 hours of becoming aware of the noncompliance. A written submission of such information shall also be provided by the permittee to the Regional Office and the Enforcement Division (MC 224) within five working days of becoming aware of the noncompliance. The written submission shall contain a description of the noncompliance and its cause; the potential danger to human health or safety, or the environment; the period of noncompliance, including exact dates and times; if the noncompliance has not been corrected, the time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance, and to mitigate its adverse effects.
- b. The following violations shall be reported under Monitoring and Reporting Requirement 7.a.:
  - i. Unauthorized discharges as defined in Permit Condition 2(g).
  - ii. Any unanticipated bypass which exceeds any effluent limitation in the permit.
- c. In addition to the above, any effluent violation which deviates from the permitted effluent limitation by more than 40% shall be reported by the permittee in writing to the Regional Office and the Enforcement Division (MC 224) within 5 working days of becoming aware of the noncompliance.
- d. Any noncompliance other than that specified in this section, or any required information not submitted or submitted incorrectly, shall be reported to the Enforcement Division (MC 224) as promptly as possible.

8. In accordance with the procedures described in 30 TAC §§ 35.301 - 35.303 (relating to Water Quality Emergency and Temporary Orders) if the permittee knows in advance of the need for a bypass, it shall submit prior notice by applying for such authorization.

9. Changes in Discharges of Toxic Substances

All existing manufacturing, commercial, mining, and silvicultural permittees shall notify the Regional Office, orally or by facsimile transmission within 24 hours, and both the Regional Office and the Enforcement Division (MC 224) in writing within five (5) working days, after becoming aware of or having reason to believe:

- a. That any activity has occurred or will occur which would result in the discharge, on a routine or frequent basis, of any toxic pollutant listed at 40 CFR Part 122, Appendix D, Tables II and III (excluding Total Phenols) which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":

- i. One hundred micrograms per liter (100 µg/L);
  - ii. Two hundred micrograms per liter (200 µg/L) for acrolein and acrylonitrile; five hundred micrograms per liter (500 µg/L) for 2,4-dinitrophenol and for 2-methyl-4,6-dinitrophenol; and one milligram per liter (1 mg/L) for antimony;
  - iii. Five (5) times the maximum concentration value reported for that pollutant in the permit application; or
  - iv. The level established by the TCEQ.
- b. That any activity has occurred or will occur which would result in any discharge, on a nonroutine or infrequent basis, of a toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following “notification levels”:
- i. Five hundred micrograms per liter (500 µg/L);
  - ii. One milligram per liter (1 mg/L) for antimony;
  - iii. Ten (10) times the maximum concentration value reported for that pollutant in the permit application; or
  - iv. The level established by the TCEQ.

#### 10. Signatories to Reports

All reports and other information requested by the Executive Director shall be signed by the person and in the manner required by 30 TAC § 305.128 (relating to Signatories to Reports).

### PERMIT CONDITIONS

#### 1. General

- a. When the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in an application or in any report to the Executive Director, it shall promptly submit such facts or information.
- b. This permit is granted on the basis of the information supplied and representations made by the permittee during action on an application, and relying upon the accuracy and completeness of that information and those representations. After notice and opportunity for a hearing, this permit may be modified, suspended, or revoked, in whole or in part, in accordance with 30 TAC Chapter 305, Subchapter D, during its term for good cause including, but not limited to, the following:
  - i. Violation of any terms or conditions of this permit;
  - ii. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or
  - iii. A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge.
- c. The permittee shall furnish to the Executive Director, upon request and within a reasonable time, any information to determine whether cause exists for amending, revoking, suspending or terminating the permit. The permittee shall also furnish to the Executive Director, upon request, copies of records required to be kept by the permit.

#### 2. Compliance

- a. Acceptance of the permit by the person to whom it is issued constitutes acknowledgment and agreement that such person will comply with all the terms and conditions embodied in the permit, and the rules and other orders of the Commission.
  - b. The permittee has a duty to comply with all conditions of the permit. Failure to comply with any permit condition constitutes a violation of the permit and the Texas Water Code or the Texas Health and Safety Code, and is grounds for enforcement action, for permit amendment, revocation or suspension, or for denial of a permit renewal application or an application for a permit for another facility.
  - c. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit.
  - d. The permittee shall take all reasonable steps to minimize or prevent any discharge or sludge use or disposal or other permit violation which has a reasonable likelihood of adversely affecting human health or the environment.
  - e. Authorization from the Commission is required before beginning any change in the permitted facility or activity that may result in noncompliance with any permit requirements.
  - f. A permit may be amended, suspended and reissued, or revoked for cause in accordance with 30 TAC §§ 305.62 and 305.66 and Texas Water Code Section 7.302. The filing of a request by the permittee for a permit amendment, suspension and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.
  - g. There shall be no unauthorized discharge of wastewater or any other waste. For the purpose of this permit, an unauthorized discharge is considered to be any discharge of wastewater into or adjacent to water in the state at any location not permitted as an outfall or otherwise defined in the Special Provisions section of this permit.
  - h. The permittee is subject to administrative, civil, and criminal penalties, as applicable, under Texas Water Code §§ 7.051 - 7.075 (relating to Administrative Penalties), 7.101 - 7.111 (relating to Civil Penalties), and 7.141 - 7.202 (relating to Criminal Offenses and Penalties).
3. Inspections and Entry
- a. Inspection and entry shall be allowed as prescribed in the Texas Water Code Chapters 26, 27, and 28, and Texas Health and Safety Code Chapter 361.
  - b. The members of the Commission and employees and agents of the Commission are entitled to enter any public or private property at any reasonable time for the purpose of inspecting and investigating conditions relating to the quality of water in the state or the compliance with any rule, regulation, permit or other order of the Commission. Members, employees, or agents of the Commission and Commission contractors are entitled to enter public or private property at any reasonable time to investigate or monitor or, if the responsible party is not responsive or there is an immediate danger to

public health or the environment, to remove or remediate a condition related to the quality of water in the state. Members, employees, Commission contractors, or agents acting under this authority who enter private property shall observe the establishment's rules and regulations concerning safety, internal security, and fire protection, and if the property has management in residence, shall notify management or the person then in charge of his presence and shall exhibit proper credentials. If any member, employee, Commission contractor, or agent is refused the right to enter in or on public or private property under this authority, the Executive Director may invoke the remedies authorized in Texas Water Code Section 7.002. The statement above, that Commission entry shall occur in accordance with an establishment's rules and regulations concerning safety, internal security, and fire protection, is not grounds for denial or restriction of entry to any part of the facility, but merely describes the Commission's duty to observe appropriate rules and regulations during an inspection.

#### 4. Permit Amendment and/or Renewal

- a. The permittee shall give notice to the Executive Director as soon as possible of any planned physical alterations or additions to the permitted facility if such alterations or additions would require a permit amendment or result in a violation of permit requirements. Notice shall also be required under this paragraph when:
  - i. The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants which are subject neither to effluent limitations in the permit, nor to notification requirements in Monitoring and Reporting Requirements No. 9;
  - ii. The alteration or addition results in a significant change in the permittee's sludge use or disposal practices, and such alteration, addition, or change may justify the application of permit conditions that are different from or absent in the existing permit, including notification of additional use or disposal sites not reported during the permit application process or not reported pursuant to an approved land application plan.
- b. Prior to any facility modifications, additions, or expansions that will increase the plant capacity beyond the permitted flow, the permittee must apply for and obtain proper authorization from the Commission before commencing construction.
- c. The permittee must apply for an amendment or renewal at least 180 days prior to expiration of the existing permit in order to continue a permitted activity after the expiration date of the permit. If an application is submitted prior to the expiration date of the permit, the existing permit shall remain in effect until the application is approved, denied, or returned. If the application is returned or denied, authorization to continue such activity shall terminate upon the effective date of the action. If an application is not submitted prior to the expiration date of the permit, the permit shall expire and authorization to continue such activity shall terminate.
- d. Prior to accepting or generating wastes which are not described in the permit application or which would result in a significant change in the quantity or quality of the existing discharge, the permittee must report the proposed changes to the Commission. The permittee must apply for a permit amendment reflecting any necessary changes in permit conditions, including effluent limitations for pollutants not identified and limited by this permit.

- e. In accordance with the Texas Water Code § 26.029(b), after a public hearing, notice of which shall be given to the permittee, the Commission may require the permittee, from time to time, for good cause, in accordance with applicable laws, to conform to new or additional conditions.

#### 5. Permit Transfer

- a. Prior to any transfer of this permit, Commission approval must be obtained. The Commission shall be notified in writing of any change in control or ownership of facilities authorized by this permit. Such notification should be sent to the Applications Review and Processing Team (MC 148) of the Water Quality Division.
- b. A permit may be transferred only according to the provisions of 30 TAC § 305.64 (relating to Transfer of Permits) and 30 TAC § 50.133 (relating to Executive Director Action on Application or WQMP update).

#### 6. Relationship to Hazardous Waste Activities

This permit does not authorize any activity of hazardous waste storage, processing, or disposal which requires a permit or other authorization pursuant to the Texas Health and Safety Code.

#### 7. Property Rights

A permit does not convey any property rights of any sort, or any exclusive privilege.

#### 8. Permit Enforceability

The conditions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstances, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

#### 9. Relationship to Permit Application

The application pursuant to which the permit has been issued is incorporated herein; provided, however, that in the event of a conflict between the provisions of this permit and the application, the provisions of the permit shall control.

#### 10. Notice of Bankruptcy.

- a. Each permittee shall notify the Executive Director, in writing, immediately following the filing of a voluntary or involuntary petition for bankruptcy under any chapter of Title 11 (Bankruptcy) of the United States Code (11 USC) by or against:
  - i. the permittee;
  - ii. an entity (as that term is defined in 11 USC, § 101(14)) controlling the permittee or listing the permit or permittee as property of the estate; or
  - iii. an affiliate (as that term is defined in 11 USC, § 101(2)) of the permittee.

- b. This notification must indicate:
  - i. the name of the permittee;
  - ii. the permit number(s);
  - iii. the bankruptcy court in which the petition for bankruptcy was filed; and
  - iv. the date of filing of the petition.

## **OPERATIONAL REQUIREMENTS**

1. The permittee shall at all times ensure that the facility and all of its systems of collection, treatment, and disposal are properly operated and maintained. This includes, but is not limited to, the regular, periodic examination of wastewater solids within the treatment plant by the operator in order to maintain an appropriate quantity and quality of solids inventory as described in the various operator training manuals and according to accepted industry standards for process control. Process control, maintenance, and operations records shall be retained at the facility site, or shall be readily available for review by a TCEQ representative, for a period of three years.
2. Upon request by the Executive Director, the permittee shall take appropriate samples and provide proper analysis in order to demonstrate compliance with Commission rules. Unless otherwise specified in this permit or otherwise ordered by the Commission, the permittee shall comply with all applicable provisions of 30 TAC Chapter 312 concerning sewage sludge or biosolids use and disposal and 30 TAC §§ 319.21 - 319.29 concerning the discharge of certain hazardous metals.
3. Domestic wastewater treatment facilities shall comply with the following provisions:
  - a. The permittee shall notify the Municipal Permits Team, Wastewater Permitting Section (MC 148) of the Water Quality Division, in writing, of any facility expansion at least 90 days prior to conducting such activity.
  - b. The permittee shall submit a closure plan for review and approval to the Municipal Permits Team, Wastewater Permitting Section (MC 148) of the Water Quality Division, for any closure activity at least 90 days prior to conducting such activity. Closure is the act of permanently taking a waste management unit or treatment facility out of service and includes the permanent removal from service of any pit, tank, pond, lagoon, surface impoundment and/or other treatment unit regulated by this permit.
4. The permittee is responsible for installing prior to plant start-up, and subsequently maintaining, adequate safeguards to prevent the discharge of untreated or inadequately treated wastes during electrical power failures by means of alternate power sources, standby generators, and/or retention of inadequately treated wastewater.
5. Unless otherwise specified, the permittee shall provide a readily accessible sampling point and, where applicable, an effluent flow measuring device or other acceptable means by which effluent flow may be determined.
6. The permittee shall remit an annual water quality fee to the Commission as required by 30 TAC Chapter 21. Failure to pay the fee may result in revocation of this permit under Texas Water Code § 7.302(b)(6).
7. Documentation

For all written notifications to the Commission required of the permittee by this permit, the permittee shall keep and make available a copy of each such notification under the same conditions as self-monitoring data are required to be kept and made available. Except for information specified as not confidential in 30 TAC § 1.5(d), any information submitted pursuant to this permit may be claimed as confidential by the submitter. Any such claim must be asserted in the manner prescribed in the application form or by stamping the words “confidential business information” on each page containing such information. If no claim is made at the time of submission, information may be made available to the public without further notice. If the Commission or Executive Director agrees with the designation of confidentiality, the TCEQ will not provide the information for public inspection unless required by the Texas Attorney General or a court pursuant to an open records request. If the Executive Director does not agree with the designation of confidentiality, the person submitting the information will be notified.

8. Facilities which generate domestic wastewater shall comply with the following provisions; domestic wastewater treatment facilities at permitted industrial sites are excluded.

- a. Whenever flow measurements for any domestic sewage treatment facility reach 75 percent of the permitted daily average or annual average flow for three consecutive months, the permittee must initiate engineering and financial planning for expansion and/or upgrading of the domestic wastewater treatment and/or collection facilities. Whenever the flow reaches 90 percent of the permitted daily average or annual average flow for three consecutive months, the permittee shall obtain necessary authorization from the Commission to commence construction of the necessary additional treatment and/or collection facilities. In the case of a domestic wastewater treatment facility which reaches 75 percent of the permitted daily average or annual average flow for three consecutive months, and the planned population to be served or the quantity of waste produced is not expected to exceed the design limitations of the treatment facility, the permittee shall submit an engineering report supporting this claim to the Executive Director of the Commission.

If in the judgement of the Executive Director the population to be served will not cause permit noncompliance, then the requirement of this section may be waived. To be effective, any waiver must be in writing and signed by the Director of the Enforcement Division (MC 219) of the Commission, and such waiver of these requirements will be reviewed upon expiration of the existing permit; however, any such waiver shall not be interpreted as condoning or excusing any violation of any permit parameter.

- b. The plans and specifications for domestic sewage collection and treatment works associated with any domestic permit must be approved by the Commission and failure to secure approval before commencing construction of such works or making a discharge is a violation of this permit and each day is an additional violation until approval has been secured.
- c. Permits for domestic wastewater treatment plants are granted subject to the policy of the Commission to encourage the development of area-wide waste collection, treatment and disposal systems. The Commission reserves the right to amend any domestic wastewater permit in accordance with applicable procedural requirements to require the system covered by this permit to be integrated into an area-wide system, should such be developed; to require the delivery of the wastes authorized to be collected in, treated by or discharged from said system, to such area-wide system; or to amend this permit in any



other particular to effectuate the Commission's policy. Such amendments may be made when the changes required are advisable for water quality control purposes and are feasible on the basis of waste treatment technology, engineering, financial, and related considerations existing at the time the changes are required, exclusive of the loss of investment in or revenues from any then existing or proposed waste collection, treatment or disposal system.

9. Domestic wastewater treatment plants shall be operated and maintained by sewage plant operators holding a valid certificate of competency at the required level as defined in 30 TAC Chapter 30.
10. Facilities which generate industrial solid waste as defined in 30 TAC § 335.1 shall comply with these provisions:
  - a. Any solid waste, as defined in 30 TAC § 335.1 (including but not limited to such wastes as garbage, refuse, sludge from a waste treatment, water supply treatment plant or air pollution control facility, discarded materials, discarded materials to be recycled, whether the waste is solid, liquid, or semisolid), generated by the permittee during the management and treatment of wastewater, must be managed in accordance with all applicable provisions of 30 TAC Chapter 335, relating to Industrial Solid Waste Management.
  - b. Industrial wastewater that is being collected, accumulated, stored, or processed before discharge through any final discharge outfall, specified by this permit, is considered to be industrial solid waste until the wastewater passes through the actual point source discharge and must be managed in accordance with all applicable provisions of 30 TAC Chapter 335.
  - c. The permittee shall provide written notification, pursuant to the requirements of 30 TAC § 335.8(b)(1), to the Corrective Action Section (MC 127) of the Remediation Division informing the Commission of any closure activity involving an Industrial Solid Waste Management Unit, at least 90 days prior to conducting such an activity.
  - d. Construction of any industrial solid waste management unit requires the prior written notification of the proposed activity to the Registration and Reporting Section (MC 129) of the Permitting and Remediation Support Division. No person shall dispose of industrial solid waste, including sludge or other solids from wastewater treatment processes, prior to fulfilling the deed recordation requirements of 30 TAC § 335.5.
  - e. The term "industrial solid waste management unit" means a landfill, surface impoundment, waste-pile, industrial furnace, incinerator, cement kiln, injection well, container, drum, salt dome waste containment cavern, or any other structure vessel, appurtenance, or other improvement on land used to manage industrial solid waste.
  - f. The permittee shall keep management records for all sludge (or other waste) removed from any wastewater treatment process. These records shall fulfill all applicable requirements of 30 TAC Chapter 335 and must include the following, as it pertains to wastewater treatment and discharge:
    - i. Volume of waste and date(s) generated from treatment process;
    - ii. Volume of waste disposed of on-site or shipped off-site;
    - iii. Date(s) of disposal;

- iv. Identity of hauler or transporter;
- v. Location of disposal site; and
- vi. Method of final disposal.

The above records shall be maintained on a monthly basis. The records shall be retained at the facility site, or shall be readily available for review by authorized representatives of the TCEQ for at least five years.

11. For industrial facilities to which the requirements of 30 TAC Chapter 335 do not apply, sludge and solid wastes, including tank cleaning and contaminated solids for disposal, shall be disposed of in accordance with Chapter 361 of the Texas Health and Safety Code.

TCEQ Revision 06/2020

## SLUDGE PROVISIONS

The permittee is authorized to dispose of sludge or biosolids only at a Texas Commission on Environmental Quality (TCEQ) authorized land application site, co-disposal landfill, wastewater treatment facility, or facility that further processes sludge. **The disposal of sludge or biosolids by land application on property owned, leased or under the direct control of the permittee is a violation of the permit unless the site is authorized with the TCEQ. This provision does not authorize Distribution and Marketing of Class A or Class AB Biosolids. This provision does not authorize the permittee to land apply biosolids on property owned, leased or under the direct control of the permittee.**

### SECTION I. REQUIREMENTS APPLYING TO ALL SEWAGE SLUDGE OR BIOSOLIDS LAND APPLICATION

#### A. General Requirements

1. The permittee shall handle and dispose of sewage sludge or biosolids in accordance with 30 TAC § 312 and all other applicable state and federal regulations in a manner that protects public health and the environment from any reasonably anticipated adverse effects due to any toxic pollutants that may be present in the sludge or biosolids.
2. In all cases, if the person (permit holder) who prepares the sewage sludge or biosolids supplies the sewage sludge or biosolids to another person for land application use or to the owner or lease holder of the land, the permit holder shall provide necessary information to the parties who receive the sludge or biosolids to assure compliance with these regulations.
3. The land application of processed or unprocessed chemical toilet waste, grease trap waste, grit trap waste, milk solids, or similar non-hazardous municipal or industrial solid wastes, or any of the wastes listed in this provision combined with biosolids, WTP residuals or domestic septage is prohibited unless the grease trap waste is added at a fats, oil and grease (FOG) receiving facility as part of an anaerobic digestion process.

#### B. Testing Requirements

1. Sewage sludge or biosolids shall be tested once during the term of this permit in accordance with the method specified in both 40 CFR Part 261, Appendix II and 40 CFR Part 268, Appendix I [Toxicity Characteristic Leaching Procedure (TCLP)] or other method that receives the prior approval of the TCEQ for the contaminants listed in 40 CFR Part 261.24, Table 1. Sewage sludge or biosolids failing this test shall be managed according to RCRA standards for generators of hazardous waste, and the waste's disposition must be in accordance with all applicable requirements for hazardous waste processing, storage, or disposal. Following failure of any TCLP test, the management or disposal of sewage sludge or biosolids at a facility other than an authorized hazardous waste processing, storage, or disposal facility shall be prohibited until such time as the permittee can demonstrate the sewage sludge or biosolids no longer exhibits the hazardous waste toxicity characteristics (as demonstrated by the results of the TCLP tests). A written report shall be provided to both the TCEQ Registration and Reporting Section (MC 129) of the Permitting and Registration Support Division and the Regional Director (MC Region 11) within seven (7) days after failing the TCLP Test.

The report shall contain test results, certification that unauthorized waste management has stopped, and a summary of alternative disposal plans that comply with RCRA standards for the management of hazardous waste. The report shall be addressed to: Director, Permitting and Registration Support Division (MC 129), Texas Commission on Environmental Quality, P.O. Box 13087, Austin, Texas 78711-3087. In addition, the permittee shall prepare an annual report on the results of all sludge toxicity testing. The permittee shall submit the following information in an annual report to the TCEQ by September 30<sup>th</sup> of each year. The permittee must submit this annual report using the online electronic reporting system available through TCEQ's website. If the permittee requests and obtains an electronic reporting waiver, the annual report can be submitted in hard copy to the TCEQ Regional Office (MC Region 11) and the Enforcement Division (MC 224).

2. Biosolids shall not be applied to the land if the concentration of the pollutants exceeds the pollutant concentration criteria in Table 1. The frequency of testing for pollutants in Table 1 is found in Section I.C. of this permit.

TABLE 1

<u>Pollutant</u>	<u>Ceiling Concentration</u> <u>(Milligrams per kilogram)*</u>
Arsenic	75
Cadmium	85
Chromium	3000
Copper	4300
Lead	840
Mercury	57
Molybdenum	75
Nickel	420
PCBs	49
Selenium	100
Zinc	7500

\* Dry weight basis

3. Pathogen Control

All sewage sludge that is applied to agricultural land, forest, a public contact site, or a reclamation site must be treated by one of the following methods to ensure that the sludge meets either the Class A, Class AB or Class B biosolids pathogen requirements.

- a. For sewage sludge to be classified as Class A biosolids with respect to pathogens, the density of fecal coliform in the sewage sludge must be less than 1,000 most probable number (MPN) per gram of total solids (dry weight basis), or the density of Salmonella sp. bacteria in the sewage sludge must be less than three MPN per four grams of total solids (dry weight basis) at the time the sewage sludge is used or disposed. In addition, one of the alternatives listed below must be met:

Alternative 1 - The temperature of the sewage sludge that is used or disposed shall be maintained at or above a specific value for a period of time. See 30 TAC § 312.82(a)(2)(A) for specific information;

Alternative 5 (PFRP) - Sewage sludge that is used or disposed of must be treated in one of the Processes to Further Reduce Pathogens (PFRP) described in 40 CFR Part 503, Appendix B. PFRP include composting, heat drying, heat treatment, and thermophilic aerobic digestion; or

Alternative 6 (PFRP Equivalent) - Sewage sludge that is used or disposed of must be treated in a process that has been approved by the U. S. Environmental Protection Agency as being equivalent to those in Alternative 5.

- b. For sewage sludge to be classified as Class AB biosolids with respect to pathogens, the density of fecal coliform in the sewage sludge must be less than 1,000 MPN per gram of total solids (dry weight basis), or the density of *Salmonella* sp. bacteria in the sewage sludge be less than three MPN per four grams of total solids (dry weight basis) at the time the sewage sludge is used or disposed. In addition, one of the alternatives listed below must be met:

Alternative 2 - The pH of the sewage sludge that is used or disposed shall be raised to above 12 std. units and shall remain above 12 std. units for 72 hours.

The temperature of the sewage sludge shall be above 52° Celsius for 12 hours or longer during the period that the pH of the sewage sludge is above 12 std. units.

At the end of the 72-hour period during which the pH of the sewage sludge is above 12 std. units, the sewage sludge shall be air dried to achieve a percent solids in the sewage sludge greater than 50%; or

Alternative 3 - The sewage sludge shall be analyzed for enteric viruses prior to pathogen treatment. The limit for enteric viruses is less than one Plaque-forming Unit per four grams of total solids (dry weight basis) either before or following pathogen treatment. See 30 TAC § 312.82(a)(2)(C)(i-iii) for specific information. The sewage sludge shall be analyzed for viable helminth ova prior to pathogen treatment. The limit for viable helminth ova is less than one per four grams of total solids (dry weight basis) either before or following pathogen treatment. See 30 TAC § 312.82(a)(2)(C)(iv-vi) for specific information; or

Alternative 4 - The density of enteric viruses in the sewage sludge shall be less than one Plaque-forming Unit per four grams of total solids (dry weight basis) at the time the sewage sludge is used or disposed. The density of viable helminth ova in the sewage sludge shall be less than one per four grams of total solids (dry weight basis) at the time the sewage sludge is used or disposed.

- c. Sewage sludge that meets the requirements of Class AB biosolids may be classified a Class A biosolids if a variance request is submitted in writing that is supported by substantial documentation demonstrating equivalent methods for reducing odors and written approval is granted by the executive director. The executive director may deny the variance request or revoke that approved variance if it is determined that the variance may potentially endanger human health or the environment, or create nuisance odor conditions.
- d. Three alternatives are available to demonstrate compliance with Class B biosolids criteria.

Alternative 1

- i. A minimum of seven random samples of the sewage sludge shall be collected within 48 hours of the time the sewage sludge is used or disposed of during each monitoring episode for the sewage sludge.
- ii. The geometric mean of the density of fecal coliform in the samples collected shall be less than either 2,000,000 MPN per gram of total solids (dry weight basis) or 2,000,000 Colony Forming Units per gram of total solids (dry weight basis).

Alternative 2 - Sewage sludge that is used or disposed of shall be treated in one of the Processes to Significantly Reduce Pathogens (PSRP) described in 40 CFR Part 503, Appendix B, so long as all of the following requirements are met by the generator of the sewage sludge.

- i. Prior to use or disposal, all the sewage sludge must have been generated from a single location, except as provided in paragraph v. below;
- ii. An independent Texas Licensed Professional Engineer must make a certification to the generator of a sewage sludge that the wastewater treatment facility generating the sewage sludge is designed to achieve one of the PSRP at the permitted design loading of the facility. The certification need only be repeated if the design loading of the facility is increased. The certification shall include a statement indicating the design meets all the applicable standards specified in Appendix B of 40 CFR Part 503;
- iii. Prior to any off-site transportation or on-site use or disposal of any sewage sludge generated at a wastewater treatment facility, the chief certified operator of the wastewater treatment facility or other responsible official who manages the processes to significantly reduce pathogens at the wastewater treatment facility for the permittee, shall certify that the sewage sludge underwent at least the minimum operational requirements necessary in order to meet one of the PSRP. The acceptable processes and the minimum operational and record keeping requirements shall be in accordance with established U.S. Environmental Protection Agency final guidance;
- iv. All certification records and operational records describing how the requirements of this paragraph were met shall be kept by the generator for a minimum of three years and be available for inspection by commission staff for review; and
- v. If the sewage sludge is generated from a mixture of sources, resulting from a person who prepares sewage sludge from more than one wastewater treatment facility, the resulting derived product shall meet one of the PSRP, and shall meet the certification, operation, and record keeping requirements of this paragraph.

Alternative 3 - Sewage sludge shall be treated in an equivalent process that has been approved by the U.S. Environmental Protection Agency, so long as all of the following requirements are met by the generator of the sewage sludge.

- i. Prior to use or disposal, all the sewage sludge must have been generated from a single location, except as provided in paragraph v. below;

- ii. Prior to any off-site transportation or on-site use or disposal of any sewage sludge generated at a wastewater treatment facility, the chief certified operator of the wastewater treatment facility or other responsible official who manages the processes to significantly reduce pathogens at the wastewater treatment facility for the permittee, shall certify that the sewage sludge underwent at least the minimum operational requirements necessary in order to meet one of the PSRP. The acceptable processes and the minimum operational and record keeping requirements shall be in accordance with established U.S. Environmental Protection Agency final guidance;
- iii. All certification records and operational records describing how the requirements of this paragraph were met shall be kept by the generator for a minimum of three years and be available for inspection by commission staff for review;
- iv. The Executive Director will accept from the U.S. Environmental Protection Agency a finding of equivalency to the defined PSRP; and
- v. If the sewage sludge is generated from a mixture of sources resulting from a person who prepares sewage sludge from more than one wastewater treatment facility, the resulting derived product shall meet one of the Processes to Significantly Reduce Pathogens, and shall meet the certification, operation, and record keeping requirements of this paragraph.

In addition to the Alternatives 1 – 3, the following site restrictions must be met if Class B biosolids are land applied:

- i. Food crops with harvested parts that touch the biosolids /soil mixture and are totally above the land surface shall not be harvested for 14 months after application of biosolids.
- ii. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after application of biosolids when the biosolids remain the land surface for 4 months or longer prior to incorporation into the soil.
- iii. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months after application of biosolids when the biosolids remain on the land surface for less than 4 months prior to incorporation into the soil.
- iv. Food crops, feed crops, and fiber crops shall not be harvested for 30 days after application of biosolids.
- v. Domestic livestock shall not be allowed to graze on the land for 30 days after application of biosolids.
- vi. Turf grown on land where biosolids are applied shall not be harvested for 1 year after application of the biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn.
- vii. Public access to land with a high potential for public exposure shall be restricted for 1 year after application of biosolids.

- viii. Public access to land with a low potential for public exposure shall be restricted for 30 days after application of biosolids.
- ix. Land application of biosolids shall be in accordance with the buffer zone requirements found in 30 TAC § 312.44.
4. Vector Attraction Reduction Requirements
- All bulk sewage sludge that is applied to agricultural land, forest, a public contact site, or a reclamation site shall be treated by one of the following Alternatives 1 through 10 for vector attraction reduction.
- Alternative 1 - The mass of volatile solids in the sewage sludge shall be reduced by a minimum of 38%.
- Alternative 2 - If Alternative 1 cannot be met for an anaerobically digested sludge, demonstration can be made by digesting a portion of the previously digested sludge anaerobically in the laboratory in a bench-scale unit for 40 additional days at a temperature between 30° and 37° Celsius. Volatile solids must be reduced by less than 17% to demonstrate compliance.
- Alternative 3 - If Alternative 1 cannot be met for an aerobically digested sludge, demonstration can be made by digesting a portion of the previously digested sludge with percent solids of two percent or less aerobically in the laboratory in a bench-scale unit for 30 additional days at 20° Celsius. Volatile solids must be reduced by less than 15% to demonstrate compliance.
- Alternative 4 - The specific oxygen uptake rate (SOUR) for sewage sludge treated in an aerobic process shall be equal to or less than 1.5 milligrams of oxygen per hour per gram of total solids (dry weight basis) at a temperature of 20° Celsius.
- Alternative 5 - Sewage sludge shall be treated in an aerobic process for 14 days or longer. During that time, the temperature of the sewage sludge shall be higher than 40° Celsius and the average temperature of the sewage sludge shall be higher than 45° Celsius.
- Alternative 6 - The pH of sewage sludge shall be raised to 12 or higher by alkali addition and, without the addition of more alkali shall remain at 12 or higher for two hours and then remain at a pH of 11.5 or higher for an additional 22 hours at the time the sewage sludge is prepared for sale or given away in a bag or other container.
- Alternative 7 - The percent solids of sewage sludge that does not contain unstabilized solids generated in a primary wastewater treatment process shall be equal to or greater than 75% based on the moisture content and total solids prior to mixing with other materials. Unstabilized solids are defined as organic materials in sewage sludge that have not been treated in either an aerobic or anaerobic treatment process.



Alternative 8 - The percent solids of sewage sludge that contains unstabilized solids generated in a primary wastewater treatment process shall be equal to or greater than 90% based on the moisture content and total solids prior to mixing with other materials at the time the sludge is used. Unstabilized solids are defined as organic materials in sewage sludge that have not been treated in either an aerobic or anaerobic treatment process.

Alternative 9 -

- i. Sewage sludge shall be injected below the surface of the land.
- ii. No significant amount of the sewage sludge shall be present on the land surface within one hour after the sewage sludge is injected.
- iii. When sewage sludge that is injected below the surface of the land is Class A or Class AB with respect to pathogens, the biosolids shall be injected below the land surface within eight hours after being discharged from the pathogen treatment process.

Alternative 10 -

- i. Biosolids applied to the land surface or placed on a surface disposal site shall be incorporated into the soil within six hours after application to or placement on the land.
- ii. When biosolids that are incorporated into the soil is Class A or Class AB with respect to pathogens, the sewage sludge shall be applied to or placed on the land within eight hours after being discharged from the pathogen treatment process.

### C. Monitoring Requirements

Toxicity Characteristic Leaching Procedure (TCLP) Test	- once during the term of this permit
PCBs	- once during the term of this permit

All metal constituents and fecal coliform or *Salmonella* sp. bacteria shall be monitored at the appropriate frequency shown below, pursuant to 30 TAC § 312.46(a)(1):

<u>Amount of biosolids (*) metric tons per 365-day period</u>	<u>Monitoring Frequency</u>
0 to less than 290	Once/Year
290 to less than 1,500	Once/Quarter
1,500 to less than 15,000	Once/Two Months
15,000 or greater	Once/Month

(\*) *The amount of bulk biosolids applied to the land (dry wt. basis).*

Representative samples of sewage sludge shall be collected and analyzed in accordance with the methods referenced in 30 TAC § 312.7

Identify each of the analytic methods used by the facility to analyze enteric viruses, fecal coliforms, helminth ova, *Salmonella* sp., and other regulated parameters.

Identify in the following categories (as applicable) the sewage sludge or biosolids treatment process or processes at the facility: preliminary operations (e.g., sludge or biosolids grinding and degritting), thickening (concentration), stabilization, anaerobic digestion, aerobic digestion, composting, conditioning, disinfection (e.g., beta ray irradiation, gamma ray irradiation, pasteurization), dewatering (e.g., centrifugation, sludge drying beds, sludge lagoons), heat drying, thermal reduction, and methane or biogas capture and recovery.

Identify the nature of material generated by the facility (such as a biosolid for beneficial use or land-farming, sewage sludge or biosolids for disposal at a landfill) and whether the material is ultimately conveyed off-site in bulk or in bags.

**SECTION II. REQUIREMENTS SPECIFIC TO BULK SEWAGE SLUDGE FOR APPLICATION TO THE LAND MEETING CLASS A, CLASS AB or B BIOSOLIDS PATHOGEN REDUCTION AND THE CUMULATIVE LOADING RATES IN TABLE 2, OR CLASS B PATHOGEN REDUCTION AND THE POLLUTANT CONCENTRATIONS IN TABLE 3**

For those permittees meeting Class A, Class AB or B pathogen reduction requirements and that meet the cumulative loading rates in Table 2 below, or the Class B pathogen reduction requirements and contain concentrations of pollutants below listed in Table 3, the following conditions apply:

**A. Pollutant Limits**

Table 2

<u>Pollutant</u>	Cumulative Pollutant Loading Rate (pounds per acre)*
Arsenic	36
Cadmium	35
Chromium	2677
Copper	1339
Lead	268
Mercury	15
Molybdenum	Report Only
Nickel	375
Selenium	89
Zinc	2500

Table 3

<u>Pollutant</u>	Monthly Average Concentration (milligrams per kilogram)*
Arsenic	41
Cadmium	39
Chromium	1200
Copper	1500
Lead	300
Mercury	17
Molybdenum	Report Only
Nickel	420
Selenium	36
Zinc	2800

\*Dry weight basis

**B. Pathogen Control**

All bulk sewage sludge that is applied to agricultural land, forest, a public contact site, a reclamation site, shall be treated by either Class A, Class AB or Class B biosolids pathogen reduction requirements as defined above in Section I.B.3.

**C. Management Practices**

1. Bulk biosolids shall not be applied to agricultural land, forest, a public contact site, or a reclamation site that is flooded, frozen, or snow-covered so that the bulk sewage sludge or biosolids enters a wetland or other waters in the State.
2. Bulk sewage sludge not meeting Class A biosolids requirements shall be land applied in a manner which complies with Applicability in accordance with 30 TAC §312.41 and the Management Requirements in accordance with 30 TAC § 312.44.
3. Bulk biosolids shall be applied at or below the agronomic rate of the cover crop.
4. An information sheet shall be provided to the person who receives bulk Class A or AB biosolids sold or given away. The information sheet shall contain the following information:
  - a. The name and address of the person who prepared the Class A or AB biosolids that are sold or given away in a bag or other container for application to the land.
  - b. A statement that application of the Class A or AB biosolids to the land is prohibited except in accordance with the instruction on the label or information sheet.
  - c. The annual whole sludge application rate for the sewage sludge application rate for the biosolids that does not cause any of the cumulative pollutant loading rates in Table 2 above to be exceeded, unless the pollutant concentrations in Table 3 found in Section II above are met.

**D. Notification Requirements**

1. If bulk biosolids are applied to land in a State other than Texas, written notice shall be provided prior to the initial land application to the permitting authority for the State in which the bulk biosolids are proposed to be applied. The notice shall include:
  - a. The location, by street address, and specific latitude and longitude, of each land application site.
  - b. The approximate time period bulk biosolids will be applied to the site.
  - c. The name, address, telephone number, and National Pollutant Discharge Elimination System permit number (if appropriate) for the person who will apply the bulk biosolids.
2. The permittee shall give 180 days prior notice to the Executive Director in care of the Wastewater Permitting Section (MC 148) of the Water Quality Division of any change planned in the biosolids disposal practice.

**E. Record Keeping Requirements**

The documents will be retained at the facility site and/or shall be readily available for review by a TCEQ representative. The person who prepares bulk sewage sludge or a biosolids material shall develop the following information and shall retain the information at the facility site and/or shall be readily available for review by a TCEQ representative for a period

of five years. If the permittee supplies the sludge to another person who land applies the sludge, the permittee shall notify the land applier of the requirements for record keeping found in 30 TAC § 312.47 for persons who land apply.

1. The concentration (mg/kg) in the sludge of each pollutant listed in Table 3 above and the applicable pollutant concentration criteria (mg/kg), or the applicable cumulative pollutant loading rate and the applicable cumulative pollutant loading rate limit (lbs/ac) listed in Table 2 above.
2. A description of how the pathogen reduction requirements are met (including site restrictions for Class AB and Class B biosolids, if applicable).
3. A description of how the vector attraction reduction requirements are met.
4. A description of how the management practices listed above in Section II.C are being met.
5. The following certification statement:

“I certify, under penalty of law, that the applicable pathogen requirements in 30 TAC § 312.82(a) or (b) and the vector attraction reduction requirements in 30 TAC § 312.83(b) have been met for each site on which bulk biosolids are applied. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the management practices have been met. I am aware that there are significant penalties for false certification including fine and imprisonment.”

6. The recommended agronomic loading rate from the references listed in Section II.C.3. above, as well as the actual agronomic loading rate shall be retained. The person who applies bulk biosolids shall develop the following information and shall retain the information at the facility site and/or shall be readily available for review by a TCEQ representative indefinitely. If the permittee supplies the sludge to another person who land applies the sludge, the permittee shall notify the land applier of the requirements for record keeping found in 30 TAC § 312.47 for persons who land apply:
  - a. A certification statement that all applicable requirements (specifically listed) have been met, and that the permittee understands that there are significant penalties for false certification including fine and imprisonment. See 30 TAC § 312.47(a)(4)(A)(ii) or 30 TAC § 312.47(a)(5)(A)(ii), as applicable, and to the permittee’s specific sludge or biosolids treatment activities.
  - b. The location, by street address, and specific latitude and longitude, of each site on which sludge or biosolids are applied.
  - c. The number of acres in each site on which bulk sludge or biosolids are applied.
  - d. The date and time sludge or biosolids are applied to each site.
  - e. The cumulative amount of each pollutant in pounds/acre listed in Table 2 applied to each site.
  - f. The total amount of sludge applied to each site in dry tons.

The above records shall be maintained on-site on a monthly basis and shall be made available to the Texas Commission on Environmental Quality upon request.

## **F. Reporting Requirements**

The permittee shall submit the following information in an annual report to the TCEQ by September 30<sup>th</sup> of each year. The permittee must submit this annual report using the online electronic reporting system available through TCEQ's website. If the permittee requests and obtains an electronic reporting waiver, the annual report can be submitted in hard copy to the TCEQ Regional Office (MC Region 11) and the Enforcement Division (MC 224).

1. Identify in the following categories (as applicable) the sewage sludge or biosolids treatment process or processes at the facility: preliminary operations (e.g., sludge or biosolids grinding and degritting), thickening (concentration), stabilization, anaerobic digestion, aerobic digestion, composting, conditioning, disinfection (e.g., beta ray irradiation, gamma ray irradiation, pasteurization), dewatering (e.g., centrifugation, sludge drying beds, sludge lagoons), heat drying, thermal reduction, and methane or biogas capture and recovery.
2. Identify the nature of material generated by the facility (such as a biosolid for beneficial use or land-farming, or sewage sludge for disposal at a monofill) and whether the material is ultimately conveyed off-site in bulk or in bags.
3. Results of tests performed for pollutants found in either Table 2 or 3 as appropriate for the permittee's land application practices.
4. The frequency of monitoring listed in Section I.C. that applies to the permittee.
5. Toxicity Characteristic Leaching Procedure (TCLP) results.
6. PCB concentration in sludge or biosolids in mg/kg.
7. Identity of hauler(s) and TCEQ transporter number.
8. Date(s) of transport.
9. Texas Commission on Environmental Quality registration number, if applicable.
10. Amount of sludge or biosolids disposal dry weight (lbs/acre) at each disposal site.
11. The concentration (mg/kg) in the sludge or biosolids of each pollutant listed in Table 1 (defined as a monthly average) as well as the applicable pollutant concentration criteria (mg/kg) listed in Table 3 above, or the applicable pollutant loading rate limit (lbs/acre) listed in Table 2 above if it exceeds 90% of the limit.
12. Level of pathogen reduction achieved (Class A, Class AB or Class B).
13. Alternative used as listed in Section I.B.3.(a. or b.). Alternatives describe how the pathogen reduction requirements are met. If Class B biosolids, include information on how site restrictions were met.
14. Identify each of the analytic methods used by the facility to analyze enteric viruses, fecal coliforms, helminth ova, *Salmonella* sp., and other regulated parameters.
15. Vector attraction reduction alternative used as listed in Section I.B.4.

16. Amount of sludge or biosolids transported in dry tons/year.
17. The certification statement listed in either 30 TAC § 312.47(a)(4)(A)(ii) or 30 TAC § 312.47(a)(5)(A)(ii) as applicable to the permittee's sludge or biosolids treatment activities, shall be attached to the annual reporting form.
18. When the amount of any pollutant applied to the land exceeds 90% of the cumulative pollutant loading rate for that pollutant, as described in Table 2, the permittee shall report the following information as an attachment to the annual reporting form.
  - a. The location, by street address, and specific latitude and longitude.
  - b. The number of acres in each site on which bulk biosolids are applied.
  - c. The date and time bulk biosolids are applied to each site.
  - d. The cumulative amount of each pollutant (i.e., pounds/acre) listed in Table 2 in the bulk biosolids applied to each site.
  - e. The amount of biosolids (i.e., dry tons) applied to each site.

The above records shall be maintained on a monthly basis and shall be made available to the Texas Commission on Environmental Quality upon request.

**SECTION III. REQUIREMENTS APPLYING TO ALL SEWAGE SLUDGE OR BIOSOLIDS DISPOSED IN A MUNICIPAL SOLID WASTE LANDFILL**

- A. The permittee shall handle and dispose of sewage sludge or biosolids in accordance with 30 TAC § 330 and all other applicable state and federal regulations to protect public health and the environment from any reasonably anticipated adverse effects due to any toxic pollutants that may be present. The permittee shall ensure that the sewage sludge or biosolids meet the requirements in 30 TAC § 330 concerning the quality of the sludge disposed in a municipal solid waste landfill.
- B. If the permittee generates sewage sludge or biosolids and supplies that sewage sludge or biosolids to the owner or operator of a municipal solid waste landfill (MSWLF) for disposal, the permittee shall provide to the owner or operator of the MSWLF appropriate information needed to be in compliance with the provisions of this permit.
- C. The permittee shall give 180 days prior notice to the Executive Director in care of the Wastewater Permitting Section (MC 148) of the Water Quality Division of any change planned in the sewage sludge or biosolids disposal practice.
- D. Sewage sludge or biosolids shall be tested once during the term of this permit in accordance with the method specified in both 40 CFR Part 261, Appendix II and 40 CFR Part 268, Appendix I (Toxicity Characteristic Leaching Procedure) or other method, which receives the prior approval of the TCEQ for contaminants listed in Table 1 of 40 CFR § 261.24. Sewage sludge or biosolids failing this test shall be managed according to RCRA standards for generators of hazardous waste, and the waste's disposition must be in accordance with all applicable requirements for hazardous waste processing, storage, or disposal.

Following failure of any TCLP test, the management or disposal of sewage sludge or biosolids at a facility other than an authorized hazardous waste processing, storage, or disposal facility shall be prohibited until such time as the permittee can demonstrate the sewage sludge or biosolids no longer exhibits the hazardous waste toxicity characteristics (as demonstrated by the results of the TCLP tests). A written report shall be provided to both the TCEQ Registration and Reporting Section (MC 129) of the Permitting and Registration Support Division and the Regional Director (MC Region 11) of the appropriate TCEQ field office within 7 days after failing the TCLP Test.

The report shall contain test results, certification that unauthorized waste management has stopped, and a summary of alternative disposal plans that comply with RCRA standards for the management of hazardous waste. The report shall be addressed to: Director, Permitting and Registration Support Division (MC 129), Texas Commission on Environmental Quality, P. O. Box 13087, Austin, Texas 78711-3087. In addition, the permittee shall prepare an annual report on the results of all sludge toxicity testing. This annual report shall be submitted to the TCEQ Regional Office (MC Region 11) and the Enforcement Division (MC 224), by September 30<sup>th</sup> of each year.

- E. Sewage sludge or biosolids shall be tested as needed, in accordance with the requirements of 30 TAC Chapter 330.
- F. Record Keeping Requirements

The permittee shall develop the following information and shall retain the information for five years.



1. The description (including procedures followed and the results) of all liquid Paint Filter Tests performed.
2. The description (including procedures followed and results) of all TCLP tests performed.

The above records shall be maintained on-site on a monthly basis and shall be made available to the Texas Commission on Environmental Quality upon request.

#### G. Reporting Requirements

The permittee shall submit the following information in an annual report to the TCEQ by September 30<sup>th</sup> of each year. The permittee must submit this annual report using the online electronic reporting system available through TCEQ's website. If the permittee requests and obtains an electronic reporting waiver, the annual report can be submitted in hard copy to the TCEQ Regional Office (MC Region 11) and the Enforcement Division (MC224).

1. Identify in the following categories (as applicable) the sewage sludge or biosolids treatment process or processes at the facility: preliminary operations (e.g., sludge or biosolids grinding and degritting), thickening (concentration), stabilization, anaerobic digestion, aerobic digestion, composting, conditioning, disinfection (e.g., beta ray irradiation, gamma ray irradiation, pasteurization), dewatering (e.g., centrifugation, sludge drying beds, sludge lagoons), heat drying, thermal reduction, and methane or biogas capture and recovery.
2. Toxicity Characteristic Leaching Procedure (TCLP) results.
3. Annual sludge or biosolids production in dry tons/year.
4. Amount of sludge or biosolids disposed in a municipal solid waste landfill in dry tons/year.
5. Amount of sludge or biosolids transported interstate in dry tons/year.
6. A certification that the sewage sludge or biosolids meets the requirements of 30 TAC § 330 concerning the quality of the sludge disposed in a municipal solid waste landfill.
7. Identity of hauler(s) and transporter registration number.
8. Owner of disposal site(s).
9. Location of disposal site(s).
10. Date(s) of disposal.

The above records shall be maintained on-site on a monthly basis and shall be made available to the Texas Commission on Environmental Quality upon request.

#### **SECTION IV. REQUIREMENTS APPLYING TO SLUDGE OR BIOSOLIDS TRANSPORTED TO ANOTHER FACILITY FOR FURTHER PROCESSING**

These provisions apply to sludge or biosolids that is transported to another wastewater treatment facility or facility that further processes sludge or biosolids. These provisions are intended to allow transport of sludge or biosolids to facilities that have been authorized to accept sludge or biosolids. These provisions do not limit the ability of the receiving facility to determine whether to accept the sludge or biosolids, nor do they limit the ability of the receiving facility to request additional testing or documentation.

##### **A. General Requirements**

1. The permittee shall handle and dispose of sewage sludge or biosolids in accordance with 30 TAC Chapter 312 and all other applicable state and federal regulations in a manner that protects public health and the environment from any reasonably anticipated adverse effects due to any toxic pollutants that may be present in the sludge.
2. Sludge or biosolids may only be transported using a registered transporter or using an approved pipeline.

##### **B. Record Keeping Requirements**

1. For sludge or biosolids transported by an approved pipeline, the permittee must maintain records of the following:
  - a. the amount of sludge or biosolids transported;
  - b. the date of transport;
  - c. the name and TCEQ permit number of the receiving facility or facilities;
  - d. the location of the receiving facility or facilities;
  - e. the name and TCEQ permit number of the facility that generated the waste; and
  - f. copy of the written agreement between the permittee and the receiving facility to accept sludge or biosolids.
2. For sludge or biosolids transported by a registered transporter, the permittee must maintain records of the completed trip tickets in accordance with 30 TAC § 312.145(a)(1)-(7) and amount of sludge or biosolids transported.
3. The above records shall be maintained on-site on a monthly basis and shall be made available to the TCEQ upon request. These records shall be retained for at least five years.

**C. Reporting Requirements**

The permittee shall submit the following information in an annual report to the TCEQ by September 30<sup>th</sup> of each year. The permittee must submit this annual report using the online electronic reporting system available through TCEQ's website. If the permittee requests and obtains an electronic reporting waiver, the annual report can be submitted in hard copy to the TCEQ Regional Office (MC Region 11) and the Enforcement Division (MC 224).

1. Identify in the following categories (as applicable) the sewage sludge or biosolids treatment process or processes at the facility: preliminary operations (e.g., sludge or biosolids grinding and degritting), thickening (concentration), stabilization, anaerobic digestion, aerobic digestion, composting, conditioning, disinfection (e.g., beta ray irradiation, gamma ray irradiation, pasteurization), dewatering (e.g., centrifugation, sludge drying beds, sludge lagoons), heat drying, thermal reduction, and methane or biogas capture and recovery.
2. the annual sludge or biosolids production;
3. the amount of sludge or biosolids transported;
4. the owner of each receiving facility;
5. the location of each receiving facility; and
6. the date(s) of disposal at each receiving facility.

**SPECIAL PROVISIONS:**

1. This permit is granted subject to the policy of the Commission to encourage the development of area-wide waste collection, treatment, and disposal systems. The Commission reserves the right to amend this permit in accordance with applicable procedural requirements to require the system covered by this permit to be integrated into an area-wide system, if an area-wide system is developed; to require the delivery of the wastes authorized to be collected in, treated by, or discharged from the system, to an area-wide system; or to amend this permit in any other particular to effectuate the Commission's policy. Such amendments may be made when the changes required are advisable for water quality control purposes and are feasible on the basis of waste treatment technology, engineering, financial, and related considerations existing at the time the changes are required, exclusive of the loss of investment in or revenues from any then existing or proposed waste collection, treatment, or disposal system.
2. The permittee shall employ or contract with one or more licensed wastewater treatment facility operators or wastewater system operations companies holding a valid license or registration according to the requirements of 30 TAC Chapter 30, Occupational Licenses and Registrations, and in particular 30 TAC Chapter 30, Subchapter J, Wastewater Operators and Operations Companies.

This Category C facility must be operated by a chief operator or an operator holding a Class C license or higher. The facility must be operated a minimum of five days per week by the licensed chief operator or an operator holding the required level of license or higher. The licensed chief operator or operator holding the required level of license or higher must be available by telephone or pager seven days per week. Where shift operation of the wastewater treatment facility is necessary, each shift which does not have the on-site supervision of the licensed chief operator must be supervised by an operator in charge who is licensed not less than one level below the category for the facility.

3. The permittee shall maintain and operate the treatment facility in order to achieve optimum efficiency of treatment capability. This shall include required monitoring of effluent flow and quality as well as appropriate grounds and building maintenance.
4. Subsurface irrigation practices shall be designed and managed so as to prevent ponding and surfacing of effluent, contamination of ground and surface water, and the occurrence of nuisance conditions in the area. To promote effluent and nutrient uptake by the crop, and to prevent pathways for effluent surfacing, native grasses, Ashe juniper, and live oak shall be established and well maintained in the irrigation area throughout the year.
5. Application rates to the subsurface drip irrigation site shall not exceed 0.1 gallons per square foot per day. The permittee is responsible for providing equipment to determine application rates and maintaining accurate records of the volume of effluent applied. These records shall be made available for review by the Texas Commission on Environmental Quality and shall be maintained for at least three years.
6. The permittee shall obtain representative soil samples from the root zones of the land application area receiving wastewater. Composite sampling techniques shall be used. Each composite sample shall represent no more than 6.3 acres with no less than 10 to 15

subsamples representing each composite sample. Subsamples shall be composited by like sampling depth, type of crop and soil type for analysis and reporting. Soil types are soils that have like topsoil or plow layer textures. These soils shall be sampled individually from 0 to 12 inches, and 12 to 24 inches below ground level. The permittee shall sample soils in December to February of each year. Soil samples shall be analyzed within 30 days of sample collection.

A copy of this soil testing plan shall be provided to the analytical laboratory prior to

Parameter	Method	Minimum Analytical Level (MAL)	Reporting units
pH	2:1 (v/v) water to soil mixture		Reported to 0.1 pH units after calibration of pH meter
Electrical Conductivity	2:1 (v/v) water to soil mixture	0.01	dS/m (same as mmho/cm)
Nitrate-nitrogen, ammonium-nitrogen	From a 1 <u>N</u> KCl soil extract	1	mg/kg (dry weight basis)
Total Kjeldahl Nitrogen (TKN)	For determination of Organic plus Ammonium Nitrogen. Procedures that use Mercury (Hg) are not acceptable.	20	mg/kg (dry weight basis)
Total Nitrogen	= TKN plus Nitrate-nitrogen		mg/kg (dry weight basis)
Plant-available: Phosphorus	Mehlich III with inductively coupled plasma	1(P)	mg/kg (dry weight basis)
Plant-available: Potassium (K) Calcium (Ca) Magnesium (Mg) Sodium (Na) Sulfur (S)	May be determined in the same Mehlich III extract with inductively coupled plasma	5 (K) 10 (Ca) 5 (Mg) 10 (Na) 1 (S)	mg/kg (dry weight basis)
Amendment addition, e.g., gypsum			Report in <i>short tons/acre</i> in the year effected

sample analysis. The permittee shall submit the results of the annual soil sample

analyses with copies of the laboratory reports and a map depicting the areas that have received wastewater within the permanent land application fields to the TCEQ Regional Office (MC Region 11), and the Water Quality Compliance Monitoring Team (MC 224) of the Enforcement Division, no later than the end of September of each sampling year. If wastewater is not applied in a particular year, the permittee shall notify the same TCEQ offices and indicate that wastewater has not been applied on the approved land irrigation site during that year.

7. The permittee shall maintain a long term contract with the owner(s) of the land application site which is authorized for use in this permit, or own the land authorized for land application of treated effluent.
8. For any area where treated effluent is stored or where there exist hose bibs or faucets, the permittee shall erect adequate signs stating that the irrigation water is from a non-potable water supply. Signs shall consist of a red slash superimposed over the international symbol for drinking water accompanied by the message "DO NOT DRINK THE WATER" in both English and Spanish. All piping transporting the effluent shall be clearly marked with these same signs.
9. The permittee shall comply with the requirements of 30 TAC Section 309.13 (a) through (d). In addition, by ownership of the required buffer zone area, the permittee shall comply with the requirements of 30 TAC Section 309.13(e).
10. The permittee shall maintain a minimum rootable soil depth of 12 inches below the drip irrigation lines. The drip irrigation lines shall be laid directly on natural ground surface and covered above the ground surface with two to four (2-4) inches of a soil/mulch mixture. If imported soils are used, the permittee shall submit no later than 90 days prior to construction to the TCEQ Water Quality Assessment Team (MC 150) and the Wastewater Permitting Section (MC 148) of the Water Quality Division a plan for review/revision and approval describing how the imported soils will be incorporated into the native soils and how soil erosion will be prevented in the affected areas.
11. The permittee shall implement the Soil Moisture Monitoring Plan submitted on November 14, 2002 and approved on November 26, 2002.
12. The wastewater generated from the restaurant kitchen shall be routed through a grease trap. The grease trap shall be sized to provide adequate detention time peak loads to allow the wastewater to cool down and the grease to separate. The grease trap should be cleaned at least twice per month. If grease from the restaurant starts appearing at the treatment plant, the grease trap shall be cleaned out at a higher frequency. A record shall be maintained of all grease removed from the grease trap. The records will include the following information:
  - a. Volume of grease disposed
  - b. Date of disposal
  - c. Location of disposal site.

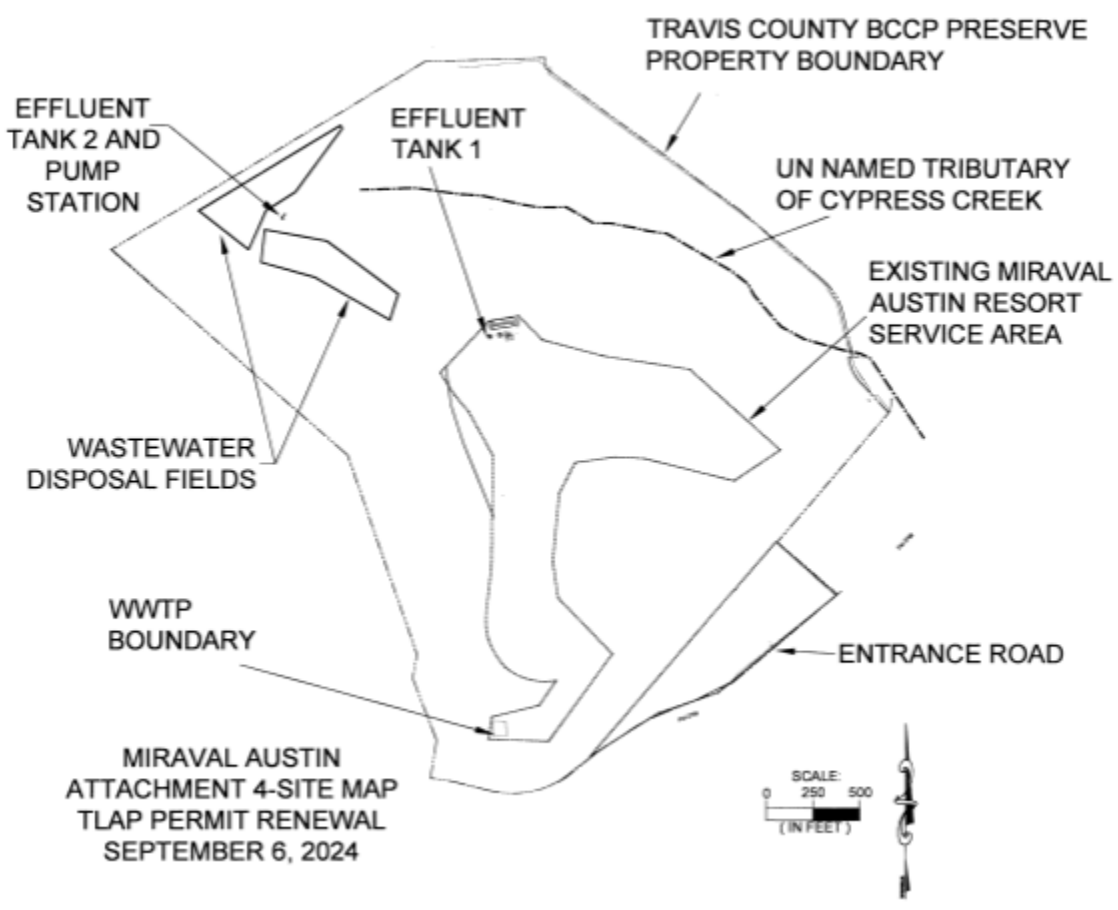
The above records shall be maintained on a monthly basis and be available for inspection by authorized representatives of the Commission for at least three years.

13. The permittee shall provide facilities for the protection of its wastewater treatment facilities from a 100-year flood.
14. The permittee shall continue to implement the Soil Water/Springs Monitoring Plan submitted on November 14, 2002 and approved on November 26, 2002.
15. The permittee shall continue to implement the Irrigation System Management Plan submitted on November 14, 2002 and approved on November 26, 2002.
16. The permittee shall submit the data from the Soil and Soil Water/Springs Monitoring Plans to the Water Quality Assessment Team (MC 150) of the Water Quality Division during the month of September of each year for review and approval.
17. Prior to the construction of the Final phase treatment facility, the permittee shall submit to the TCEQ Wastewater Permitting Section (MC 148) a summary transmittal letter in accordance with the requirements in 30 TAC § 217.6(d). If requested by the Wastewater Permitting Section, the permittee shall submit plans and specifications and a final engineering design report which comply with 30 TAC Chapter 217, Design Criteria for Domestic Wastewater Systems. The permittee shall clearly show how the treatment system will meet the permitted effluent limitations required on Page 2 of this permit. A copy of the summary transmittal letter shall be available at the plant site for inspection by authorized representatives of the TCEQ.

**This provision is continued from the existing permit issued on August 30, 2017.**

18. The permittee shall notify the TCEQ Regional Office (MC Region 11) and the Applications Review and Processing Team (MC 148) of the Water Quality Division, in writing at least forty-five (45) days prior to the completion of the Final phase facility on Notification of Completion Form 20007.
19. Effluent shall not be applied for irrigation during rainfall events or when the ground is frozen or saturated.
20. The physical condition of the land application fields shall be monitored on a weekly basis. Any area with problems such as surface runoff, surficial erosion, or stressed or damaged vegetation, etc., shall be recorded in a field log kept onsite. Corrective measures will be implemented within 24 hours of discovery.
21. The permittee shall comply with buffer zone requirements of 30 TAC §309.13(c). A wastewater treatment plant unit, defined by 30 TAC Section §309.11(9), must be located a minimum horizontal distance of 250 ft from a private well and a minimum horizontal distance of 500 ft from a public water well site, spring, or other similar sources of public drinking water, as provided by §290.41(c)(1)(C) of this title.
22. The permittee shall locate the drip irrigation system a minimum horizontal distance of 500 feet from public water wells, springs, or other similar sources of public drinking water and 150 feet from private wells as described in 30 TAC §309.13(c)(1).

Attachment A





## **TECHNICAL SUMMARY AND EXECUTIVE DIRECTOR'S PRELIMINARY DECISION**

### DESCRIPTION OF APPLICATION

Applicant:	MRG ATX Holdings, LLC TCEQ Permit No. WQ0014203001
Regulated Activity:	Domestic Wastewater Permit
Type of Application:	Renewal
Request:	Renewal with no changes
Authority:	Texas Water Code (TWC) § 26.027; 30 Texas Administrative Code (TAC) Chapters 305, 309, 312, 319, and 30; and Commission policies.

### EXECUTIVE DIRECTOR RECOMMENDATION

The Executive Director has made a preliminary decision that this permit, if issued, meets all statutory and regulatory requirements. The draft permit includes an expiration date of **ten years from the date of issuance**, according to 30 TAC Section 305.127(1)(C)(ii)(III), Conditions to be Determined for Individual Permits.

### REASON FOR PROJECT PROPOSED

MRG ATX Holdings, LLC has applied to the Texas Commission on Environmental Quality (TCEQ) for a renewal of Permit No. WQ0014203001 to authorize the disposal of treated domestic wastewater at a daily average flow not to exceed 0.027 million gallons per day (MGD) via public access subsurface drip irrigation system with a minimum area of 6.3 acres. The facility includes 4 days of storage in the equalization tanks and dosing tanks. The existing wastewater treatment facility serves Miraval Austin Resort and Spa.

### PROJECT DESCRIPTION AND LOCATION

The Miraval Austin Wastewater Treatment Facility consists of an activated sludge process plant using the conventional mode. Treatment units include a bar screen, one aeration basin, one final clarifier, one aerated sludge digester, one effluent lift station, one chlorine contact chamber, one effluent storage tank and a subsurface drip irrigation system. The facility is in operation.

Sludge generated from the treatment facility is hauled by a registered transporter and disposed of at a TCEQ-permitted landfill, Texas Organic Recovery, Permit No. 42016, in Travis County. The draft permit also authorizes the disposal of sludge at a TCEQ-authorized land application site, co-disposal landfill, wastewater treatment facility, or facility that further processes sludge.

The wastewater treatment facility and disposal site are located at 13500 Farm-to-Market Road 2769, in the City of Austin, in Travis County, Texas 78726.

The wastewater treatment facility and disposal site are located in the drainage basin of Lake

MRG ATX Holdings, LLC

Permit No. WQ0014203001

Statement of Basis/Technical Summary and Executive Director's Preliminary Decision

Travis in Segment No. 1404 of the Colorado River Basin. No discharge of pollutants into water in the state is authorized by this permit.

#### SUMMARY OF EFFLUENT DATA

The following is a summary of the applicant's effluent monitoring data for the period April 2022 through March 2023. The average of Daily Average value is computed by averaging of all 30-day average values for the reporting period for each parameter: flow, five-day biochemical oxygen demand (BOD<sub>5</sub>), and total suspended solids (TSS).

<u>Parameter</u>	<u>Average of Daily Average</u>
Flow, MGD	0.015
BOD <sub>5</sub> , mg/l	1.43
TSS, mg/l	2.91

#### DRAFT PERMIT CONDITIONS

The draft permit authorizes the disposal of treated domestic wastewater effluent at a daily average flow not to exceed 0.027 MGD via public access subsurface drip irrigation system with a minimum area of 6.3 acres. The facility includes 4 days of storage in the equalization tanks and dosing tanks. Application rates shall not exceed 0.1 gallons per square foot per day. The irrigated crops include native vegetation, Ashe juniper, and live oak.

The effluent limitations in the draft permit, based on a daily average, are 20 mg/l oxygen BOD<sub>5</sub> and 20 mg/l TSS. The effluent shall contain a total chlorine residual of at least 1.0 mg/l after a detention time of at least 20 minutes based on peak flow.

The permittee shall comply with the requirements of 30 TAC § 309.13(a) through (d). In addition, by ownership of the required buffer zone area, the permittee shall comply with the requirements of 30 TAC § 309.13(e).

The draft permit includes Sludge Provisions according to the requirements of 30 TAC Chapter 312, Sludge Use, Disposal, and Transportation. Sludge generated from the treatment facility is hauled by a registered transporter and disposed of at a TCEQ-permitted landfill, Texas Organic Recovery, Permit No. 42016, in Travis County. The draft permit also authorizes the disposal of sludge at a TCEQ-authorized land application site, co-disposal landfill, wastewater treatment facility, or facility that further processes sludge.

#### SUMMARY OF CHANGES FROM APPLICATION

None.

#### SUMMARY OF CHANGES FROM EXISTING PERMIT

Effluent limitations and monitoring requirements in the draft permit remain the same as the existing permit effluent limitations and monitoring requirements. The Sludge Provisions, Special Provisions, and Standard Provisions have been revised in the draft permit.

MRG ATX Holdings, LLC

Permit No. WQ0014203001

Statement of Basis/Technical Summary and Executive Director's Preliminary Decision

The Special Provisions Nos. 19, 20, 21, and 22 have been added to the draft permit.

The Special Provisions Nos. 4, 8, and 10 have been updated from the existing permit.

The Interim phase in the existing permit has been removed from the draft permit.

The Facilities plant name has been updated from The Crossings to Miraval Austin in the draft permit.

The draft permit includes all updates based on the 30 TAC 312 rule change effective April 23, 2020.

#### BASIS FOR DRAFT PERMIT

The following items were considered in developing the draft permit:

1. Application received on October 2, 2024, and additional information received on May 20, 2025 and May 22, 2025.
2. Existing TCEQ permit: Permit No. WQ0014203001 issued on August 30, 2017.
3. Interoffice Memorandum from the Water Quality Assessment Team, Water Quality Assessment & Standards Section, Water Quality Division.

#### PROCEDURES FOR FINAL DECISION

When an application is declared administratively complete, the Chief Clerk sends a letter to the applicant advising the applicant to publish the Notice of Receipt of Application and Intent to Obtain Permit in the newspaper. In addition, the Chief Clerk instructs the applicant to place a copy of the application in a public place for review and copying in the county where the facility is or will be located. This application will be in a public place throughout the comment period. The Chief Clerk also mails this notice to any interested persons and, if required, to landowners identified in the permit application. This notice informs the public about the application and provides that an interested person may file comments on the application or request a contested case hearing or a public meeting.

Once a draft permit is completed, it is sent, along with the Executive Director's preliminary decision, as contained in the technical summary or fact sheet, to the Chief Clerk. At that time, the Notice of Application and Preliminary Decision will be mailed to the same people and published in the same newspaper as the prior notice. This notice sets a deadline for making public comments. The applicant must place a copy of the Executive Director's preliminary decision and draft permit in the public place with the application.

Any interested person may request a public meeting on the application until the deadline for filing public comments. A public meeting is intended for the taking of public comment and is not a contested case proceeding.

After the public comment deadline, the Executive Director prepares a response to all significant public comments on the application or the draft permit raised during the public comment

MRG ATX Holdings, LLC

Permit No. WQ0014203001

Statement of Basis/Technical Summary and Executive Director's Preliminary Decision

period. The Chief Clerk then mails the Executive Director's response to comments and final decision to people who have filed comments, requested a contested case hearing, or requested to be on the mailing list. This notice provides that if a person is not satisfied with the Executive Director's response and decision, they can request a contested case hearing or file a request to reconsider the Executive Director's decision within 30 days after the notice is mailed.

The Executive Director will issue the permit unless a written hearing request or request for reconsideration is filed within 30 days after the Executive Director's response to comments and final decision is mailed. If a hearing request or request for reconsideration is filed, the Executive Director will not issue the permit and will forward the application and request to the TCEQ Commissioners for their consideration at a scheduled Commission meeting. If a contested case hearing is held, it will be a legal proceeding similar to a civil trial in state district court.

If the Executive Director calls a public meeting or the Commission grants a contested case hearing as described above, the Commission will give notice of the date, time, and place of the meeting or hearing. If a hearing request or request for reconsideration is made, the Commission will consider all public comments in making its decision and shall either adopt the Executive Director's response to public comments or prepare its own response.

For additional information about this application, contact Garrison Layne at (512) 239-0849.

---

Garrison Layne  
Municipal Permits Team  
Wastewater Permitting Section (MC 148)

---

Date

**Wastewater Permit Renewal Application**

**TCEQ Domestic TLAP**

**Permit No. WQ 0014203-001**

**Owner/Applicant:**

**MRG ATX Holdings, LLC**

**Facility Name:**

**Miraval Austin Spa and Resort**

**13500 Farm to Market Rd 2769**

**Austin, TX 78726**

**Submitted:**

**October 1, 2024**

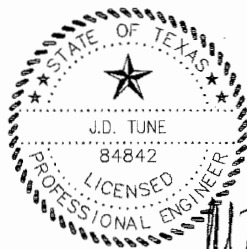
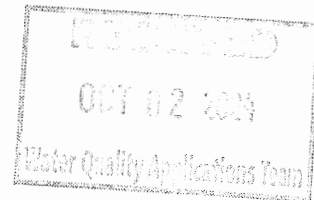
**Prepared By:**

**JDT Group, Inc.**

**TBPE Firm No. 19943**

**1170 FM 179**

**Hale Center, Texas 79041**



The seal appearing on this document was authorized by J.D. Tune, P.E. (Texas Serial # 84842) on the date indicated. Alteration of this sealed document without proper notification to the responsible engineer is an offense under the Texas Engineering Practice Act.

*JDT PE*  
*TBPE Firm No. 19943*

MRG ATX Holdings, LLC  
Domestic TLAP Wastewater Permit Renewal  
Permit No. WQ14203-001

Table of Contents

Domestic Administrative Report

Domestic Technical Report

Attachment 1-USGS Page 33 Domestic Technical Report 1.0 Worksheet

Attachment 2-Core Data Form-page 4 Admin Report 1.0

Attachment 3- Plain Language Summary – TCEQ Form 20960- for page 7 Admin Report 1.0

Attachment 4- Site Drawing - for page 2 Technical Report 1.0

Attachment 5- Process Flow Diagram - for page 2 Technical Report 1.0

Attachment 6- Chemical Analysis QA/QC -for page 9 Technical Report 1.0

Attachment 7-Annual Cropping Plan- for page 33 Domestic Technical Report 1.0 Worksheet

Attachment 8-Groundwater Quality-for page 34 Domestic Technical Report 1.0 Worksheet

Attachment 8A-Well Information-for page 34 Domestic Technical Report 1.0 Worksheet

Attachment 9-USDA Soils Map-for page 34 Domestic Technical Report 1.0 Worksheet

Attachment 9A-Annual Soil Analysis-for page 34 Domestic Technical Report 1.0 Worksheet

Attachment 10-Renewal Fee Check Payment Receipt

## Domestic Administrative Report



# TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

## DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST

Complete and submit this checklist with the application.

APPLICANT NAME: MRG ATX Holdings, LLC

PERMIT NUMBER (If new, leave blank): WQ00 14203-001

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

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

For TCEQ Use Only

Segment Number \_\_\_\_\_ County \_\_\_\_\_

Expiration Date \_\_\_\_\_ Region \_\_\_\_\_

Permit Number \_\_\_\_\_





TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

**DOMESTIC WASTEWATER PERMIT APPLICATION  
ADMINISTRATIVE REPORT 1.0**

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

**Section 1. Application Fees (Instructions Page 26)**

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

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

Minor Amendment (for any flow) \$150.00 ☐

**Payment Information:**

Mailed      Check/Money Order Number: Click to enter text.  
Check/Money Order Amount: Click to enter text.  
Name Printed on Check: Click to enter text.

EPAY      Voucher Number: See receipt 05-5080 in Attachment 10.

Copy of Payment Voucher enclosed?      Yes ☐

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

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

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

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

- ☒ Active      ☐ Inactive

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

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

d. Check the box next to the appropriate application type

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

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

f. For existing permits:

Permit Number: WQ00 14203-001

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

Expiration Date: 12/01/2024

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

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

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

MRG ATX Holdings, 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: 603988023

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: Devin Griffith

Title: Vice President

Credential: Click to enter text.

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

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

NA

*(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: NA

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: NA

Last Name, First Name: NA

Title: NA

Credential: NA

Provide a brief description of the need for a co-permittee: NA

### 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 2

## 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: Last Name, First Name: Doug Tune  
Title: Engineer Credential: PE  
Organization Name: JDT Group, Inc.  
Mailing Address: 1170 FM 179 City, State, Zip Code: Hale Center, TX 79041  
Phone No.: 512-217-3398 E-mail Address: doug tune@gmail.com  
Check one or both: ☒ Administrative Contact ☒ Technical Contact

B. Prefix: Click to enter text. Last Name, First Name: Fred Brandstrader  
Title: Vice President Construction and Capital Expenditures Credential: AIA  
Organization Name: Hyatt Hotels Corporation  
Mailing Address: 150 North Riverside Plaza, Ste.906 City, State, Zip Code: Chicago, IL 60606  
Phone No.: (312) 780-5475 E-mail Address: fred.brandstrader@hyatt.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: Ms. Last Name, First Name: Devin Griffith  
Title: Vice President Credential: Click to enter text.  
Organization Name: MRG ATX Holdings, LLC  
Mailing Address: 150 North Riverside Plaza City, State, Zip Code: Chicago, IL 60606  
Phone No.: (312) 750-1234 E-mail Address: devin.griffith@hyatt.com

B. Prefix: Mr. Last Name, First Name: Fred Brandstrader,  
Title: Vice President Construction and Capital Expenditures Credential: AIA  
Organization Name: Hyatt  
Mailing Address: 150 North Riverside Plaza City, State, Zip Code: Chicago, IL 60606  
Phone No.: (312)780-5475 E-mail Address: fred.brandstrader@hyatt.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: Phil Sanders  
Title: manager maintenance Credential: Click to enter text.  
Organization Name: MRG ATX Holdings, LLC  
Mailing Address: 13500 Farm to Market Rd 2769 City, State, Zip Code: Austin, TX 78726  
Phone No.: (855) 234-1672 E-mail Address: phil.sanders@miravalresorts.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: Mr. Last Name, First Name: Roger Storms  
Title: WWTP operator Credential:  
Organization Name: Waste Water Solutions  
Mailing Address: 9217 Hwy. 290 West, Suite 100 City, State, Zip Code: Austin, Texas 78736  
Phone No.: 512.707.7027 E-mail Address: roger@wastewater-solutions.net

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

### A. Individual Publishing the Notices

Prefix: Mr. Last Name, First Name: Doug Tune  
Title: Engineer Credential: PE  
Organization Name: JDT Group, Inc.  
Mailing Address: 1170 FM 179 City, State, Zip Code: Hale Center, TX 79041  
Phone No.: 512.217.3398 E-mail Address: dougtune@gmail.com

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

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

- ☒ E-mail Address  
☐ Fax  
☐ Regular Mail

**C. Contact permit to be listed in the Notices**

Prefix: Mr. Last Name, First Name: Doug Tune

Title: Engineer Credential: PE

Organization Name: JDT Group, Inc.

Mailing Address: 1170 FM 179 City, State, Zip Code: Hale Center, TX 79041

Phone No.: 512.217.3398 E-mail Address: dougtune@gmail.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: Spicewood Springs Branch Public Library

Location within the building: Circulation Desk

Physical Address of Building: 8637 Spicewood Springs

City: Austin County: Travis

Contact (Last Name, First Name): Pam Bowles

Phone No.: 512-974-3800 Ext.:

**E. Bilingual Notice Requirements**

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

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

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

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

☒ Yes ☐ No

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

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

☐ Yes ☒ No

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

☒ Yes      ☐ No

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

☐ Yes      ☒ No

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

**F. Plain Language Summary Template**

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

**Attachment:** Attachment 3

**G. Public Involvement Plan Form**

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

**Attachment:** NA

**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 101920353

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):

Miraval Austin

C. Owner of treatment facility: MRG ATX Holdings, LLC

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

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

Prefix: Click to enter text.

Last Name, First Name:

Title: Click to enter text.

Credential: Click to enter text.

Organization Name: MRG ATX Holdings, LLC

Mailing Address: 13500 Farm to Market Rd 2769 City, State, Zip Code: Austin, TX 78726

Phone No.: (855) 234-1672

E-mail Address: austin.reservations@miravalresorts.com

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

**Attachment:** Click to enter text.

E. Owner of effluent disposal site:

Prefix: NA

Last Name, First Name:

Title: NA

Credential: NA

Organization Name: MRG ATX Holdings, LLC

Mailing Address: 700 Lavaca Street, 5th Floor, PO Box 1748  
78767

City, State, Zip Code: Austin, Texas

Phone No.: (855) 234-1672

E-mail Address: austin.reservations@miravalresorts.com

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

**Attachment:** Click to enter text.

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

Prefix: NA

Last Name, First Name: NA

Title: NA

Credential: NA

Organization Name: NA

Mailing Address: NA

City, State, Zip Code: NA

Phone No.: NA

E-mail Address: NA

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:** NA

## 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:

NA

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:

NA

City nearest the outfall(s): Click to enter text.

County in which the outfalls(s) is/are located: Click to enter text.

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:** NA

- D. For all applications involving an average daily discharge of 5 MGD or more, provide the names of all counties located within 100 statute miles downstream of the point(s) of discharge: Click to enter text.

## Section 11. TLAP Disposal Information (Instructions Page 32)

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

☒ Yes      ☐ No

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

Click to enter text.

- B. City nearest the disposal site: Austin

- C. County in which the disposal site is located: Travis

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

The effluent is pumped from the wastewater treatment plant to an effluent storage tank then pumped to the disposal site

- E. For TLAPs, please identify the nearest watercourse to the disposal site to which rainfall runoff might flow if not contained: Unnamed tributary to Cypress Creek

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

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

☐ Yes      ☒ No

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

☐ Yes      ☐ No      ☒ Not Applicable

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

NA



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

☐ Yes      ☒ No

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

D. Do you owe any fees to the TCEQ?

☐ Yes      ☒ No

If yes, provide the following information:

Account number: Click to enter text.

Amount past due: Click to enter text.

E. Do you owe any penalties to the TCEQ?

☐ Yes      ☒ No

If yes, please provide the following information:

Enforcement order number: Click to enter text.

Amount past due: Click to enter text.

### Section 13. Attachments (Instructions Page 33)

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

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

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

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

☐ Attachment 1 for Individuals as co-applicants

☒ Other Attachments. Please specify: 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: WQ 0014203-001

Applicant: MRG ATX Holdings, 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.

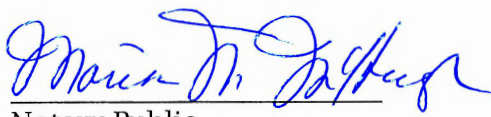
I further certify that I am authorized under 30 Texas Administrative Code § 305.44 to sign and submit this document, and can provide documentation in proof of such authorization upon request.

Signatory name (typed or printed): Devin Griffith

Signatory title: Vice President

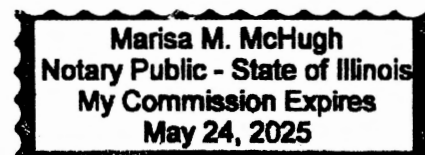
Signature:  Date: 9-18-2024  
(Use blue ink)

Subscribed and Sworn to before me by the said \_\_\_\_\_  
on this 18th day of September, 2024.  
My commission expires on the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

  
Notary Public

[SEAL]

County, ~~Texas~~ Cook  
State of Illinois



## Domestic Technical Report



# TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

## DOMESTIC WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.0

---

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

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

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

#### A. Existing/Interim I Phase

Design Flow (MGD): 0.027

2-Hr Peak Flow (MGD): NA

Estimated construction start date: existing

Estimated waste disposal start date: existing

#### B. Interim II Phase

Design Flow (MGD): 0.014

2-Hr Peak Flow (MGD): NA

Estimated construction start date: NA

Estimated waste disposal start date: NA

#### C. Final Phase

Design Flow (MGD): 0.027

2-Hr Peak Flow (MGD): NA

Estimated construction start date: existing

Estimated waste disposal start date: existing

#### D. Current Operating Phase

Provide the startup date of the facility: Final - operating now

### Section 2. Treatment Process (Instructions Page 43)

#### A. Current Operating Phase

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

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

The plant consists of an activated sludge process treatment plant operating in the conventional mode. Treatment units include bar screen, aeration basin, final clarifier, aerobic digester, chlorine contact chamber, effluent lift station, effluent storage tank and a subsurface drip irrigation system.

## 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)
Bar Screen (final, exist.)	1	3'x3'
Aeration Basin (final, exist.)	1	26'x12'x11'
Clarifier (final, exist.)	1	12' diameter x 11' deep
Aer. Digester (final, exist.)	1	5'x12'x11'

## C. Process Flow Diagram

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

**Attachment:** Attachment 5

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

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

- Latitude: NA
- Longitude: NA

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

- Latitude: 30°26'59.42"N
- Longitude: 97°52'21.81"W

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:** Attachment 4

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

The area served is Miraval Austin Resort and Spa. See Attachment 4 Site Drawing for resort/service boundary.

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
NA		Choose an item.	
		Choose an item.	
		Choose an item.	
		Choose an item.	

**Section 4. Unbuilt Phases (Instructions Page 45)**

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

NA

**Section 5. Closure Plans (Instructions Page 45)**

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

Click to enter text.

## Section 6. Permit Specific Requirements (Instructions Page 45)

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

### A. Summary transmittal

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

☒ Yes ☐ No

If **yes**, provide the date(s) of approval for each phase: see below

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.**

**A summary transmittal letter for the construction of the original WWTP and original drain field was sent by Padden Engineers on 9-30-2002. On 6-1-2018 a summary transmittal letter was sent by JDT Group, Inc. for the 2018 drip field expansion project. Summary transmittal Letter for 210 Authorization submitted on 12-19-19 by JDT Group, Inc.**

### 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.

Buffer zone requirements are met per drawings submitted in previous 2016 major permit amendment

**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*.

Annual soil testing is performed as required

**D. Grit and grease treatment**

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

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

☐ Yes ☒ No

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

**2. Grit and grease processing**

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

Click to enter text.

**3. Grit disposal**

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

☐ Yes ☐ No

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



Describe the method of grit disposal.

Click to enter text.

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

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

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

Click to enter text.

### E. Stormwater management

#### 1. *Applicability*

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

☐ Yes ☒ No

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

☐ Yes ☒ No

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

#### 2. *MSGP coverage*

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

☐ Yes ☐ No

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

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

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

☐ Yes ☐ No

#### 3. *Conditional exclusion*

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

☐ Yes ☐ No

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

Click to enter text.

**4. Existing coverage in individual permit**

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

☐ Yes ☐ No

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

Click to enter text.

**5. Zero stormwater discharge**

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

☐ Yes ☐ No

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

Click to enter text.

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

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

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

☐ Yes ☐ No

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

intend to divert stormwater to the treatment plant headworks and indirectly discharge it to water in the state.

Click to enter text.

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

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

Does the facility discharge in the Lake Houston watershed?

☐ Yes ☒ No

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

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

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

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

☐ Yes ☒ No

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

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

NA

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

**2. Acceptance of septic waste**

Is the facility accepting or will it accept septic waste?

☐ Yes ☒ No

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

NA

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.

NA

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

Is the facility in operation?

☒ Yes ☐ No

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

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

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

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

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
CBOD <sub>5</sub> , mg/l	2		1	grab	6-12-24 0930
Total Suspended Solids, mg/l	<1		1	grab	6-12-24 0930
Ammonia Nitrogen, mg/l	<0.05		1	grab	6-12-24 0930
Nitrate Nitrogen, mg/l	6.4		1	grab	6-12-24 0930
Total Kjeldahl Nitrogen, mg/l	<.0.2		1	grab	6-12-24 0930
Sulfate, mg/l	103		1	grab	6-12-24 0930
Chloride, mg/l	108		1	grab	6-12-24 0930
Total Phosphorus, mg/l	1.3		1	grab	6-12-24 0930
pH, standard units	7.16		1	grab	6-12-24 0930
Dissolved Oxygen*, mg/l					
Chlorine Residual, mg/l	2.8		1	grab	6-12-24 0930
<i>E.coli</i> (CFU/100ml) freshwater	< 1.0		1	grab	6-12-24 0930
Enterococci (CFU/100ml) saltwater					
Total Dissolved Solids, mg/l	524		1	grab	6-12-24 0930
Electrical Conductivity, µmohs/cm, †	911		1	grab	6-12-24 0930
Oil & Grease, mg/l					
Alkalinity (CaCO <sub>3</sub> )*, 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 <sub>3</sub> ), mg/l					

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

Facility Operator Name: Roger StormFacility Operator's License Classification and Level: Wastewater CFacility Operator's License Number: WW 0042907

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

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

Check all that apply. See instructions for guidance

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

### B. WWTP's Biosolids Treatment Process

Check all that apply. See instructions for guidance.

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

### C. Biosolids Management

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

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

#### Biosolids Management

Management Practice	Handler or Preparer Type	Bulk or Bag Container	Amount (dry metric tons)	Pathogen Reduction Options	Vector Attraction Reduction Option
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.

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

#### D. Disposal site

Disposal site name: Texas Organic Recovery

TCEQ permit or registration number: 42016

County where disposal site is located: Travis

#### E. Transportation method

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

Name of the hauler: Wastewater Solutions

Hauler registration number: 24188

Sludge is transported as a:

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

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

#### A. Beneficial use authorization

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

☐ Yes ☐ No

## B. Sludge processing authorization

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

- |                                            |                              |                                        |
|--------------------------------------------|------------------------------|----------------------------------------|
| Sludge Composting                          | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Marketing and Distribution of sludge       | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Sludge Surface Disposal or Sludge Monofill | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Temporary storage in sludge lagoons        | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

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

☐ Yes ☐ No

## Section 11. Sewage Sludge Lagoons (Instructions Page 53)

Does this facility include sewage sludge lagoons?

☐ Yes ☒ No

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

### A. Location information

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

- Original General Highway (County) Map:  
**Attachment:** [Click to enter text.](#)
- USDA Natural Resources Conservation Service Soil Map:  
**Attachment:** [Click to enter text.](#)
- Federal Emergency Management Map:  
**Attachment:** [Click to enter text.](#)
- Site map:  
**Attachment:** [Click to enter text.](#)

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

- ☐ Overlap a designated 100-year frequency flood plain
- ☐ Soils with flooding classification
- ☐ Overlap an unstable area
- ☐ Wetlands
- ☐ Located less than 60 meters from a fault
- ☐ None of the above

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



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

Click to enter text.

## B. Temporary storage information

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

Nitrate Nitrogen, mg/kg: [Click to enter text.](#)

Total Kjeldahl Nitrogen, mg/kg: [Click to enter text.](#)

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

Phosphorus, mg/kg: [Click to enter text.](#)

Potassium, mg/kg: [Click to enter text.](#)

pH, standard units: [Click to enter text.](#)

Ammonia Nitrogen mg/kg: [Click to enter text.](#)

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

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

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

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

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

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

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

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

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

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

Total PCBs: [Click to enter text.](#)

Provide the following information:

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

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

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

## C. Liner information

Does the active/proposed sludge lagoon(s) have a liner with a maximum hydraulic conductivity of  $1 \times 10^{-7}$  cm/sec?

☐ Yes ☐ No

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

Click to enter text.

#### D. Site development plan

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

Click to enter text.

Attach the following documents to the application.

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

#### E. Groundwater monitoring

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

☐ Yes ☐ No

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

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

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

### A. Additional authorizations

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

☒ Yes ☐ No

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

R14203-001 reuse authorization used for landscape irrigation

### B. Permittee enforcement status

Is the permittee currently under enforcement for this facility?

☐ Yes ☒ No

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

☐ Yes ☒ No

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

Click to enter text.

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

### A. RCRA hazardous wastes

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

☐ Yes ☒ No

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

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

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

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

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

### CERTIFICATION:

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

Printed Name: Devin Griffith

Title: Vice President

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

Date: 9-18-2024

# DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 3.0: LAND DISPOSAL OF EFFLUENT

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

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

Identify the method of land disposal:

- |                                                                                                                                            |                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| <input type="checkbox"/> Surface application                                                                                               | <input type="checkbox"/> Subsurface application                |
| <input type="checkbox"/> Irrigation                                                                                                        | <input type="checkbox"/> Subsurface soils absorption           |
| <input checked="" type="checkbox"/> Drip irrigation system                                                                                 | <input type="checkbox"/> Subsurface area drip dispersal system |
| <input type="checkbox"/> Evaporation                                                                                                       | <input type="checkbox"/> Evapotranspiration beds               |
| <input checked="" type="checkbox"/> Other (describe in detail): <u>drip irrigation tubing laid on top of ground and covered with mulch</u> |                                                                |

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

For existing authorizations, provide Registration Number: [Click to enter text.](#)

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

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

**Table 3.0(1) – Land Application Site Crops**

Crop Type & Land Use	Irrigation Area (acres)	Effluent Application (GPD)	Public Access? Y/N
Evergreen trees	6.3	27,000	N

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

Table 3.0(2) – Storage and Evaporation Ponds

Pond Number	Surface Area (acres)	Storage Volume (acre-feet)	Dimensions	Liner Type
Tank 1	NA	56,000 gallons	27' dia x 14' tall	Bolted steel
Tank 2	NA	125,000 gallons	30' dia x 24' tall	Bolted steel

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

Attachment: NA

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

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

☐ Yes ☒ No

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

Click to enter text.

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

Firm Panel 48453CO230T

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

Slight Berm on perimeter to prevent run on.

## Section 5. Annual Cropping Plan (Instructions Page 68)

Attach an Annual Cropping Plan which includes a discussion of each of the following items. If not applicable, provide a detailed explanation indicating why. **Attachment:** [Attachment 7](#)

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

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

Attach a USGS map with the following information shown and labeled. If not applicable, provide a detailed explanation indicating why. **Attachment:** See [Attachment 1 USGS Map](#)

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

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

**Table 3.0(3) – Water Well Data**

Well ID	Well Use	Producing? Y/N	Open, cased, capped, or plugged?	Proposed Best Management Practice
1	Public Well 1	y	cased	Protect well head with buffer
2	Public- Well 2	y	cased	Protect well head with buffer
3A	Private	unknown	unknown	None, off site
			Choose an item.	
			Choose an item.	

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

**Attachment:** [Attachment 8A](#)

## Section 7. Groundwater Quality (Instructions Page 69)

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

**Attachment:** [Attachment 8](#)

Are groundwater monitoring wells available onsite? ☐ Yes ☒ No

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

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

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

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

### A. Soil map

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

**Attachment:** [Attachment 9](#)

### B. Soil analyses

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

**Attachment:** [Attachment 9A](#)

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

**Table 3.0(4) – Soil Data**

Soil Series	Depth from Surface	Permeability	Available Water Capacity	Curve Number



## Section 9. Effluent Monitoring Data (Instructions Page 71)

Is the facility in operation?

☒ Yes ☐ No

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

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

**Table 3.0(5) – Effluent Monitoring Data**

Date	30 Day Avg Flow MGD	BOD5 mg/l	TSS mg/l	pH	Chlorine Residual mg/l	Acres irrigated
April 2022	16,177	3	6	7.21	1.49	6.4
May 20220	18,990	1	1	7.45	1.17	6.4
June 2022	7,356	1	2	7.52	1.12	6.4
July 2022	Meter down	1	1	7.54	1.66	6.4
August 2022	Meter down	1	2	7.42	1.85	6.4
September 2022	25,536	1	1	7.45	1.68	6.4
October 2022	24,363	1	1	7.29	1.14	6.4
November 2022	9,401	1	2	7.65	1.26	6.4
December 2022	12,776	2	2	7.18	1.55	6.4
January 2022	8,855	1	1	7.22	1.19	6.4
February 2022	7,551	1	4	7.30	1.16	6.4
March 2022	10,377	2	1	7.45	1.26	6.4
April 2022	22,054	1	2	7.21	1.54	6.4
May 20220	23,291	1	2	7.45	1.15	6.4
June 2022	15,310	1	1	7.26	1.19	6.4
July 2022	6,389	3	1	7.12	1.19	6.4
August 2022	7,399	1	1	7.11	1.17	6.4
September 2022	10,410	1	2	7.28	1.16	6.4
October 2022	17,377	1	4	7.21	1.14	6.4
November 2022	13,152	1	5	7.14	1.25	6.4
December 2022	4,948	1	7	7.26	1.27	6.4
January 2022	16,936	2	8	7.31	1.21	6.4
February 2022	24,274	3	4	7.11	1.20	6.4
March 2022	16,663	2	7	7.11	1.23	6.4

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

NA

# WORKSHEET 7.0

## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

### CLASS V INJECTION WELL INVENTORY/AUTHORIZATION FORM

Submit the completed form to:

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

For TCEQ Use Only

Reg. No. \_\_\_\_\_

Date Received \_\_\_\_\_

Date Authorized \_\_\_\_\_

#### Section 1. General Information (Instructions Page 92)

1. **TCEQ Program Area**

Program Area (PST, VCP, IHW, etc.): TCEQ Region 11

Program ID: 5W11

Contact Name: Patty Reeh

Phone Number: 512-339-2929

2. **Agent/Consultant Contact Information**

Contact Name: Doug Tune, PE

Address: 1170 FM 179

City, State, and Zip Code: Hale Center, TX 79041

Phone Number: 512.217.3398

3. **Owner/Operator Contact Information**

☐ Owner ☒ Operator

Owner/Operator Name: Wastewater Solutions

Contact Name: Roger Storm

Address: 9217 Hwy. 290 West, Suite 100

City, State, and Zip Code: Austin, Texas 78736

Phone Number: 512.707.7027

4. **Facility Contact Information**

Facility Name: Miraval Austin

Address: 13500 Farm to Market Rd 2769

City, State, and Zip Code: Austin, TX 78726

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

Facility Contact Person: Phil Sanders

Phone Number: (855) 234-1672

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

Latitude: 30°26'59.42"N

Longitude: 97°52'21.81"W

Method of determination (GPS, TOPO, etc.): google earth

Attach topographic quadrangle map as attachment 1.

6. **Well Information**

Type of Well Construction, select one:

- ☐ Vertical Injection
- ☒ Subsurface Fluid Distribution System
- ☐ Infiltration Gallery
- ☐ Temporary Injection Points
- ☐ Other, Specify: Click to enter text.

Number of Injection Wells: Click to enter text.

7. **Purpose**

Detailed Description regarding purpose of Injection System:

Dispose of treated effluent

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

8. **Water Well Driller/Installer**

Water Well Driller/Installer Name: NA

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

Phone Number: Click to enter text.

License Number: Click to enter text.

## Section 2. Proposed Down Hole Design

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

**Table 7.0(1) – Down Hole Design Table**

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

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

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

System(s) Dimensions: varies, 6.3 acres total

System(s) Construction: drip emitter tubing

### Section 4. Site Hydrogeological and Injection Zone Data

1. Name of Contaminated Aquifer: NA
2. Receiving Formation Name of Injection Zone: NA
3. Well/Trench Total Depth: drip emitters lay on top of ground and are covered with mulch
4. Surface Elevation: about 600 ' msl
5. Depth to Ground Water: typically over 100' trinity aquifer about 1000 ft deep
6. Injection Zone Depth: drip lines lay on top of ground and are covered with mulch
7. Injection Zone vertically isolated geologically? ☐ Yes ☐ No  
Impervious Strata between Injection Zone and nearest Underground Source of Drinking Water:  
Name: Trinity aquifer about 1000 ft deep. Its confined.  
Thickness: 1000
8. Provide a list of contaminants and the levels (ppm) in contaminated aquifer  
Attach as Attachment E.
9. Horizontal and Vertical extent of contamination and injection plume  
Attach as Attachment F.
10. Formation (Injection Zone) Water Chemistry (Background levels) TDS, etc.  
Attach as Attachment G.
11. Injection Fluid Chemistry in PPM at point of injection  
Attach as Attachment H.
12. Lowest Known Depth of Ground Water with < 10,000 PPM TDS: Click to enter text.
13. Maximum injection Rate/Volume/Pressure: 0.1 gpd/sf maximum
14. Water wells within 1/4 mile radius (attach map as Attachment I): Click to enter text.
15. Injection wells within 1/4 mile radius (attach map as Attachment J): Click to enter text.
16. Monitor wells within 1/4 mile radius (attach drillers logs and map as Attachment K): Click to enter text.
17. Sampling frequency: NA
18. Known hazardous components in injection fluid: none

## Section 5. Site History

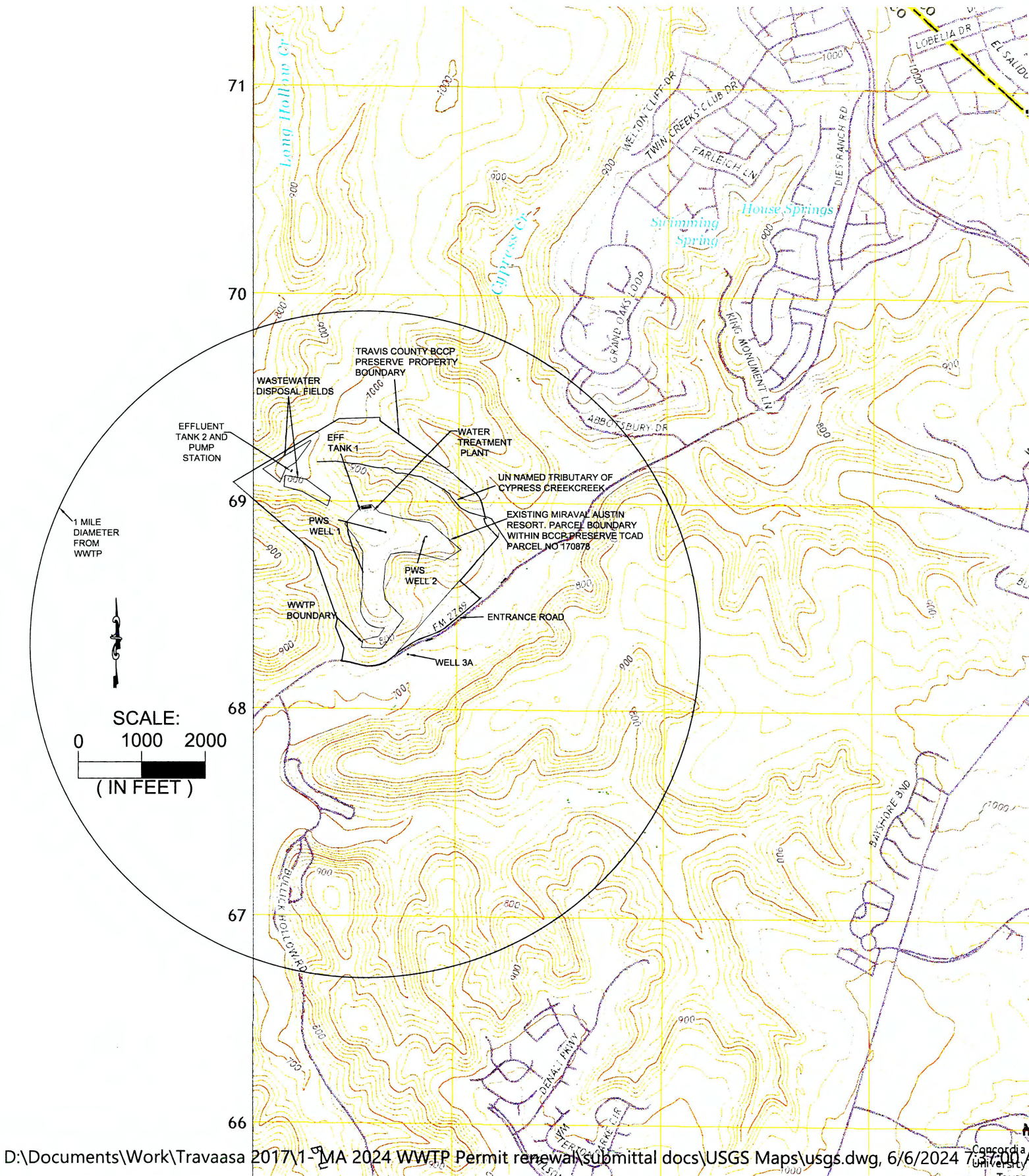
1. Type of Facility: Hotel/Resort
2. Contamination Dates: NA
3. Original Contamination (VOCs, TPH, BTEX, etc.) and Concentrations (attach as Attachment L): NA
4. Previous Remediation (attach results of any previous remediation as attachment M): NA

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

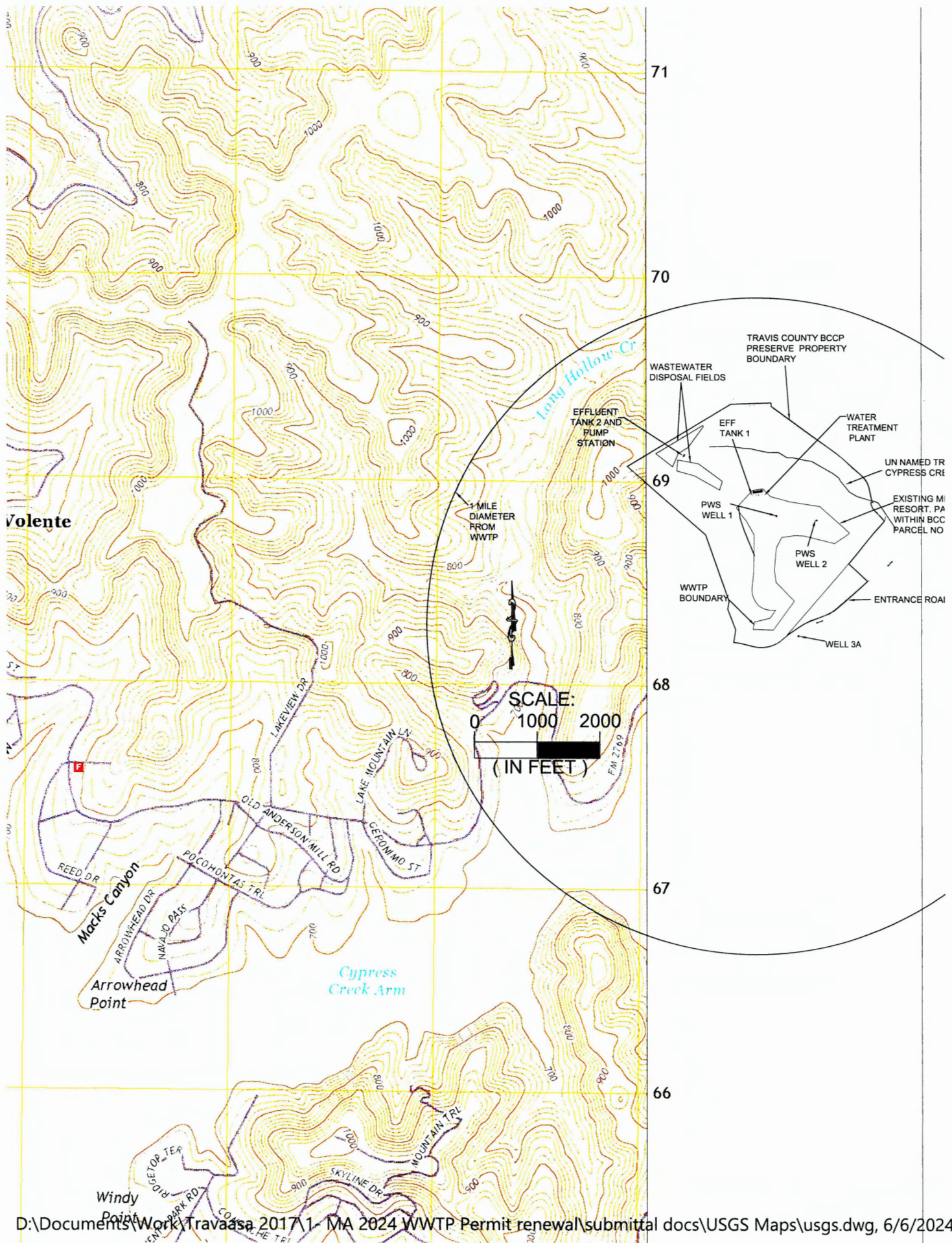
### *Class V Injection Well Designations*

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











Attachment 2-Core Data Form-page 4 Admin Report 1.0



# TCEQ Core Data Form

TCEQ Use Only

For detailed instructions regarding completion of 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.)		
<input checked="" type="checkbox"/> New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
<input type="checkbox"/> Renewal (Core Data Form should be submitted with the renewal form)		<input type="checkbox"/> Other
2. Customer Reference Number (if issued)	Follow this link to search for CN or RN numbers in <b>Central Registry**</b>	3. Regulated Entity Reference Number (if issued)
CN 605299957		RN 101920353

## SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)		04/15/2018	
<input type="checkbox"/> New Customer		<input checked="" type="checkbox"/> Update to Customer Information		<input type="checkbox"/> Change in Regulated Entity Ownership	
<input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)					
<b>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).</b>					
6. Customer Legal Name (If an individual, print last name first: e.g.: Doe, John)				If new Customer, enter previous Customer below:	
MRG ATX HOLDINGS, LLC					
7. TX SOS/CPA Filing Number		8. TX State Tax ID (11 digits)		9. Federal Tax ID (9 digits)	
		32062068435		112438769	
10. DUNS Number (if applicable)		na			
11. Type of Customer:		<input type="checkbox"/> Corporation		<input type="checkbox"/> Individual	
Partnership: <input type="checkbox"/> General <input type="checkbox"/> Limited		<input type="checkbox"/> Sole Proprietorship		<input checked="" type="checkbox"/> Other: LLC	
Government: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> Other					
12. Number of Employees		13. Independently Owned and Operated?			
<input checked="" type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
14. Customer Role (Proposed or Actual) - as it relates to the Regulated Entity listed on this form. Please check one of the following:					
<input type="checkbox"/> Owner		<input type="checkbox"/> Operator		<input checked="" type="checkbox"/> Owner & Operator	
<input type="checkbox"/> Occupational Licensee		<input type="checkbox"/> Responsible Party		<input type="checkbox"/> Voluntary Cleanup Applicant <input type="checkbox"/> Other:	
15. Mailing Address:		13,500 FM2769			
City		Austin		State TX	
ZIP		78726		ZIP + 4 2003	
16. Country Mailing Information (if outside USA)				17. E-Mail Address (if applicable)	
NA				robert.berrey@miravalresorts.com	
18. Telephone Number		19. Extension or Code		20. Fax Number (if applicable)	
( 512 ) 258 - 7243				( ) -	

## SECTION III: Regulated Entity Information

21. General Regulated Entity Information (If 'New Regulated Entity' is selected below this form should be accompanied by a permit application)	
<input type="checkbox"/> New Regulated Entity <input type="checkbox"/> Update to Regulated Entity Name <input checked="" type="checkbox"/> Update to Regulated Entity Information	
<b>The Regulated Entity Name submitted may be updated in order to meet TCEQ Agency Data Standards (removal of organizational endings such as Inc, LP, or LLC).</b>	
22. Regulated Entity Name (Enter name of the site where the regulated action is taking place.)	
The Crossings WWTP	

23. Street Address of the Regulated Entity: (No PO Boxes)	13,500 FM 2769							
	City	Austin	State	TX	ZIP	78626	ZIP + 4	2003
24. County	Travis							

Enter Physical Location Description if no street address is provided.

25. Description to Physical Location:	see address							
26. Nearest City	Austin				State	TX	Nearest ZIP Code	
							78626	
27. Latitude (N) In Decimal:	no change			28. Longitude (W) In Decimal:	no change			
Degrees	Minutes	Seconds		Degrees	Minutes	Seconds		
29. Primary SIC Code (4 digits)	30. Secondary SIC Code (4 digits)		31. Primary NAICS Code (5 or 6 digits)		32. Secondary NAICS Code (5 or 6 digits)			
NA	NA		NA		NA			
33. What is the Primary Business of this entity? (Do not repeat the SIC or NAICS description.)								
Resort Hotel								
34. Mailing Address:	13,500 FM 2769							
	City	Austin	State	TX	ZIP	78626	ZIP + 4	2003
35. E-Mail Address:	robert.berrey@miravalresorts.com							
36. Telephone Number			37. Extension or Code		38. Fax Number (if applicable)			
( 512 ) 258 - 7243					( ) -			

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

<input type="checkbox"/> Dam Safety	<input type="checkbox"/> Districts	<input type="checkbox"/> Edwards Aquifer	<input type="checkbox"/> Emissions Inventory Air	<input type="checkbox"/> Industrial Hazardous Waste
<input type="checkbox"/> Municipal Solid Waste	<input type="checkbox"/> New Source Review Air	<input type="checkbox"/> OSSF	<input type="checkbox"/> Petroleum Storage Tank	<input checked="" type="checkbox"/> PWS
				2270356
<input type="checkbox"/> Sludge	<input type="checkbox"/> Storm Water	<input type="checkbox"/> Title V Air	<input type="checkbox"/> Tires	<input type="checkbox"/> Used Oil
<input type="checkbox"/> Voluntary Cleanup	<input checked="" type="checkbox"/> Waste Water	<input type="checkbox"/> Wastewater Agriculture	<input type="checkbox"/> Water Rights	<input type="checkbox"/> Other:
	WQ 0014203001			

#### SECTION IV: Preparer Information

40. Name:	Doug Tune		41. Title:	engineer
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address	
( 512 ) 217 - 3398		( ) -	doug.tune@gmail.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:	James Douglas Tune	Job Title:	engineer
Name (In Print):	James Douglas Tune	Phone:	( 512 ) 217 - 3398
Signature:		Date:	

Attachment 3- Plain Language Summary – TCEQ Form 20960- for page 7 Admin Report 1.0



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

# PLAIN LANGUAGE SUMMARY FOR TPDES OR TLAP PERMIT APPLICATIONS

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

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

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

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

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

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

MRG ATX Holdings, LLC (CN 603988023 ) operates The Crossings WWTP (RN 101920353), a wastewater treatment plant with effluent disposal fields . The facility is located at 13500 Farm to Market Rd 2769, Austin, TX 78726 , in Austin, Travis County, Texas 78626. to renew Texas Land Application Permit (TLAP) No. WQ0012330001 at a daily average flow not to exceed 0.014 million gallons per day (MGD) in the Interim phase via public access subsurface drip irrigation system with a minimum area of 3.2 acres, and 0.027 MGD in the Final phase via public access subsurface drip irrigation system with a minimum area of 6.3 acres . This permit will not authorize a discharge of pollutants into water in the state.

Discharges from the facility are expected to contain NA no discharge. Domestic wastewater is treated by Treatment units in the Interim phase include bar screens, equalization tank, aeration basin, final clarifier, digester, chlorine contact chamber, effluent lift station, effluent storage tank and a subsurface drip irrigation system. The Final phase facility will consist of an activated sludge process plant using the conventional mode. Treatment units will include

bar screens, aeration basins, final clarifiers, aerobic digesters, chlorine contact chambers, effluent lift station, effluent storage tank and a subsurface drip irrigation system..

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

### AGUAS RESIDUALES Introduzca 'INDUSTRIALES' o 'DOMÉSTICAS' aquí /AGUAS PLUVIALES

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

1. Introduzca el nombre del solicitante aquí (2. Introduzca el número de cliente aquí (es decir, CN6#####).) 3. Elija del menú desplegable 4. Introduzca el nombre de la instalación aquí 5. Introduzca el número de entidad regulada aquí (es decir, RN1#####), 6. Elija del menú desplegable 7. Introduzca la descripción de la instalación aquí. La instalación 8. Elija del menú desplegable. ubicada en 9. Introduzca la ubicación aquí, en 10. Introduzca el nombre de la ciudad aquí, Condado de 11. Introduzca el nombre del condado aquí, Texas 12. Introduzca el código postal aquí. 13. Introduzca el resumen de la petición de solicitud aquí. <<Para las solicitudes de TLAP incluya la siguiente oración, de lo contrario, elimine:>> Este permiso no autorizará una descarga de contaminantes en el agua en el estado.

Se espera que las descargas de la instalación contengan 14. Liste todos los contaminantes esperados aquí. 15. Introduzca los tipos de aguas residuales descargadas aquí. 16. Elija del menú desplegable tratado por 17. Introduzca una descripción del tratamiento de aguas residuales utilizado en la instalación aquí.

## INSTRUCTIONS

1. Enter the name of applicant in this section. The applicant name should match the name associated with the customer number.
2. Enter the Customer Number in this section. Each Individual or Organization is issued a unique 11-digit identification number called a CN (e.g. CN123456789).
3. Choose "operates" in this section for existing facility applications or choose "proposes to operate" for new facility applications.
4. Enter the name of the facility in this section. The facility name should match the name associated with the regulated entity number.
5. Enter the Regulated Entity number in this section. Each site location is issued a unique 11-digit identification number called an RN (e.g. RN123456789).
6. Choose the appropriate article (a or an) to complete the sentence.
7. Enter a description of the facility in this section. For example: steam electric generating facility, nitrogenous fertilizer manufacturing facility, etc.
8. Choose "is" for an existing facility or "will be" for a new facility.
9. Enter the location of the facility in this section.
10. Enter the City nearest the facility in this section.
11. Enter the County nearest the facility in this section.
12. Enter the zip code for the facility address in this section.
13. Enter a summary of the application request in this section. For example: renewal to discharge 25,000 gallons per day of treated domestic wastewater, new application to discharge process wastewater and stormwater on an intermittent and flow-variable basis, or major amendment to reduce monitoring frequency for pH, etc. If more than one outfall is included in the application, provide applicable information for each individual outfall.
14. List all pollutants expected in the discharge from this facility in this section. If applicable, refer to the pollutants from any federal numeric effluent limitations that apply to your facility.
15. Enter the discharge types from your facility in this section (e.g., stormwater, process wastewater, once through cooling water, etc.)
16. Choose the appropriate verb tense to complete the sentence.
17. Enter a description of the wastewater treatment used at your facility. Include a description of each process, starting with initial treatment and finishing with the outfall/point of disposal. Use additional lines for individual discharge types if necessary.

Questions or comments concerning this form may be directed to the Water Quality Division's Application Review and Processing Team by email at [WQ-ARPTeam@tceq.texas.gov](mailto:WQ-ARPTeam@tceq.texas.gov) or by phone at (512) 239-4671.



## Example

### Individual Industrial Wastewater Application

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

ABC Corporation (CN6000000000) operates the Starr Power Station (RN10000000000), a two-unit gas-fired electric generating facility. Unit 1 has a generating capacity of 393 megawatts (MWs) and Unit 2 has a generating capacity of 528 MWs. The facility is located at 1356 Starr Street, near the City of Austin, Travis County, Texas 78753.

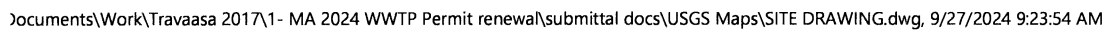
This application is for a renewal to discharge 870,000,000 gallons per day of once through cooling water, auxiliary cooling water, and also authorizes the following waste streams monitored inside the facility (internal outfalls) before it is mixed with the other wastewaters authorized for discharge via main Outfall 001, referred to as “previously monitored effluents” (low-volume wastewater, metal-cleaning waste, and stormwater (from diked oil storage area yards and storm drains)) via Outfall 001. Low-volume waste sources, metal-cleaning waste, and stormwater drains on a continuous and flow-variable basis via internal Outfall 101.

The discharge of once through cooling water via Outfall 001 and low-volume waste and metal-cleaning waste via Outfall 101 from this facility is subject to federal effluent limitation guidelines at 40 CFR Part 423. The pollutants expected from these discharges based on 40 CFR Part 423 are: free available chlorine, total residual chlorine, total suspended solids, oil and grease, total iron, total copper, and pH. Temperature is also expected from these discharges. Additional potential pollutants are included in the Industrial Wastewater Application Technical Report, Worksheet 2.0.

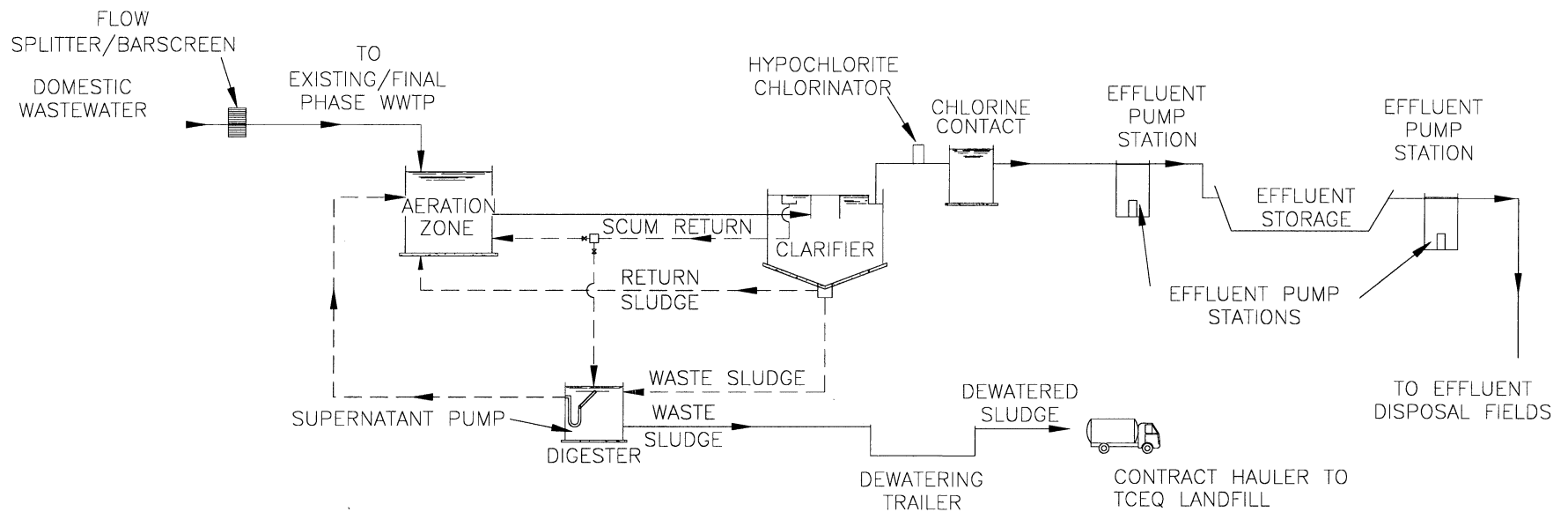
Cooling water and boiler make-up water are supplied by Lake Starr Reservoir. The City of Austin municipal water plant (CN6000000000, PWS 00000) supplies the facility’s potable water and serves as an alternate source of boiler make-up water. Water from the Lake Starr Reservoir is withdrawn at the intake structure and treated with sodium hypochlorite to prevent biofouling and sodium bromide as a chlorine enhancer to improve efficacy and then passed through condensers and auxiliary equipment on a once-through basis to cool equipment and condense exhaust steam.

Low-volume wastewater from blowdown of boiler Units 1 and 2 and metal-cleaning wastes receive no treatment prior to discharge via Outfall 101. Plant floor and equipment drains and stormwater runoff from diked oil storage areas, yards, and storm drains are routed through an oil and water separator prior to discharge via Outfall 101. Domestic wastewater, blowdown, and backwash water from the service water filter, clarifier, and sand filter are routed to the Starr Creek Domestic Sewage Treatment Plant, TPDES Permit No. WQ0010000001, for treatment and disposal. Metal-cleaning waste from equipment cleaning is generally disposed of off-site.

Attachment 4- Site Drawing - for page 2 Technical Report 1.0



Attachment 5- Process Flow Diagram - for page 2 Technical Report 1.0



**FLOW DIAGRAM  
JUNE 6, 2024  
MIRAVAL AUSTIN PERMIT RENEWAL  
APPLICATION**

Attachment 6- Chemical Analysis QA/QC -for page 9 Technical Report 1.0

Email information for report date:

7/4/24 11:58

H019435

## Waste Water Solutions

Attn: Greg Gullett

greg@wastewater-solutions.net

9217 Hwy 290 E Suite 100

Austin, TX 78736

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

For sampling questions:

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

reporting@aqua-techlabs.com (report questions)

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

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

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



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

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

### The following abbreviations indicate certification status:

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

Certificate: T104704371-23-27



TCEQ Lab ID T104704371

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

### General Definitions:

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

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

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

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

### Record Retention:

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

This report was approved by:

June M. Brien, Technical Director

The results in this report apply only to the samples analyzed. This analytical report must be reproduced in its entirety unless written permission is granted by Aqua-Tech Laboratories, Inc.

corp@aqua-techlabs.com

[www.aqua-techlabs.com](http://www.aqua-techlabs.com)

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



# AQUA-TECH LABORATORIES

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

## Analytical Report

### Waste Water Solutions

Report Printed:

7/4/24

11:58

H019435

#### Travaasa WWTP Effluent - Permit

Collected: 06/12/24 09:30 by CLIENT  
Received: 06/12/24 11:54 by Suzanne Rudd

Type  
Grab

Matrix  
Non Potable

C-O-C #  
H019435

Lab ID#	H019435-01	Result	Units	Notes	MDL	Adj MDL	SQL	Lab	Analyzed	Method	Batch	
<b>General Chemistry</b>												
Carbonaceous BOD (5 day)		2	mg/L		1	1	1	Austin	06/13/24 06:45 MSA	SM5210 B 2016	M178573	NEL
Total Suspended Solids		<1	mg/L		1	1	1	Austin	06/12/24 12:57 BEB	SM2540 D 2015	M178550	NEL
Total Dissolved Solids		524	mg/L		25.0	50.0	50.0	Austin	06/17/24 06:22 SR	SM2540 C 2015	M178725	NEL
Ammonia as N		<0.05	mg/L		0.05	0.05	0.05	Bryan	06/17/24 12:08 KMA	SM4500-NH3 G 2011	M178744	NEL
Total Kjeldahl Nitrogen as N		<0.20	mg/L		0.13	0.13	0.20	Bryan	06/19/24 14:20 KMA	EPA 351.2 R2.0	M178854	NEL
Nitrate as N		6.4	mg/L			0.17	0.20	Calc	06/18/24 11:03 MSA	SM4500-NO3-F 2011	[CALC]	NEL
Nitrite as N		<0.01	mg/L		0.002	0.002	0.01	Austin	06/12/24 12:55 MSA	SM4500 NO2- B 2011	M178552	NEL
Nitrate/Nitrite as N		6.4	mg/L		0.02	0.17	0.20	Bryan	06/18/24 11:03 KMA	SM4500-NO3-F 2011	M178798	ANR
Chloride		108	mg/L		0.60	2.41	20.0	Austin	06/14/24 13:00 MSA	SM4500-Cl- B 2011	M178688	NEL
Specific Conductance (adjusted to 25.0°C)		911	uS/cm		2.00	2.00	2.00	Austin	06/14/24 12:20 MSA	SM2510 B 2011	M178683	DWP/NEL
<b>Microbiological Analyses</b>												
E. Coli		<1.0	MPN/100 mL		1.0	1.0	1.0	Austin	06/12/24 14:41 ACG	SM9223 B 2004	M178529	NEL
Results run by SM 9223B are reported as MPN (Most Probable Number). MPN is comparable to CFU (Colony Forming Units). Both MPN and CFU are allowed in most permits.												
<b>Metals (Total)</b>												
Phosphorus-Total		1.30	mg/L		0.082	0.041	0.050	Austin	06/14/24 13:51 KT	EPA 200.7 R4.4	M178570	NEL
<b>H019435-01 - re-analysis</b>												
<b>General Chemistry</b>												
Sulfate as SO4(2-)		103	mg/L		2.63	10.5	20.0	Austin	07/02/24 09:03 BEB	ASTM D0516-16	M179420	NEL

#### Explanation of Notes

- RPD-02 RPD was not calculated in LIMS due to one or both of the sample / duplicate pair being less than the MRL.
- SL-01 The dried residue did not yield between 2.5 and 200 mg as specified in the method. Due to holding time constraints or insufficient sample volume, the sample cannot be reanalyzed.



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



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

# Analytical Report

## Waste Water Solutions

Report Printed: 7/4/24 11:58

H019435

### General Chemistry - Quality Control

Result	Units	Notes	MDL	SQL	Analyzed	Spike Amount	Source Result	%R	%R Limits	RPD	RPD Limit	Batch
<b>Ammonia as N - SM4500-NH3 G 2011</b>												Bryan
Initial Cal Check	0.99	mg/L			06/17/24 12:08 KMA	1.00		99.4	90 - 110			2406211
Low Cal Check	0.05	mg/L			06/17/24 12:08 KMA	0.0500		102	70 - 130			2406211
Blank	<0.05	mg/L	0.05	0.05	06/17/24 12:08 KMA							M178744
LCS	0.52	mg/L	0.05	0.05	06/17/24 12:08 KMA	0.500		105	85 - 115			M178744
LCS Dup	0.50	mg/L	0.05	0.05	06/17/24 12:08 KMA	0.500		101	85 - 115	3.88	20	M178744
Matrix Spike	0.55	mg/L	0.05	0.05	06/17/24 12:08 KMA	0.500	<0.05	111	70 - 130			M178744
Matrix Spike Dup	0.55	mg/L	0.05	0.05	06/17/24 12:08 KMA	0.500	<0.05	111	70 - 130	0.181	20	M178744
<b>Carbonaceous BOD (5 day) - SM5210 B 2016</b>												Austin
DiIn Water Blk	<0.20	mg/L	1	1	06/13/24 06:45 MSA		0.1		< or = 0.2 mg/L			2406163
GGA	184	mg/L	1	1	06/13/24 06:45 MSA	198		92.9	84.6 - 115.4			2406163
GGA	177	mg/L	1	1	06/13/24 06:45 MSA	198		89.4	84.6 - 115.4			2406163
GGA	181	mg/L	1	1	06/13/24 06:45 MSA	198		91.4	84.6 - 115.4			2406163
Seed Blank	<1	mg/L	1	1	06/13/24 06:45 MSA							2406163
Seed Blank	<1	mg/L	1	1	06/13/24 06:45 MSA							2406163
Seed Blank	<1	mg/L	1	1	06/13/24 06:45 MSA							2406163
Duplicate	2	mg/L	1	1	06/13/24 06:45 MSA		<1				47.7	M178573
<b>Chloride - SM4500-Cl- B 2011</b>												Austin
Initial Cal Check	49.3	mg/L			06/14/24 13:00 MSA	50.0		98.6	90 - 110			2406201
Blank	<5.00	mg/L	0.60	5.00	06/14/24 13:00 MSA							M178688
LCS	20.5	mg/L	0.60	5.00	06/14/24 13:00 MSA	19.8		103	90 - 110			M178688
LCS Dup	20.5	mg/L	0.60	5.00	06/14/24 13:00 MSA	19.8		103	90 - 110	0.00	5.86	M178688
Matrix Spike	279	mg/L	2.41	20.0	06/14/24 13:00 MSA	79.2	195	106	83.4 - 113			M178688
Matrix Spike Dup	277	mg/L	2.41	20.0	06/14/24 13:00 MSA	79.2	195	103	83.4 - 113	2.25	10.7	M178688
MRL Check	5.11	mg/L	0.60	5.00	06/14/24 13:00 MSA	4.95		103	70 - 130			M178688
<b>Nitrate/Nitrite as N - SM4500-NO3-F 2011</b>												Bryan
Initial Cal Check	1.0	mg/L			06/18/24 11:03 KMA	0.959		107	90 - 110			2406223
Low Cal Check	0.02	mg/L			06/18/24 11:03 KMA	0.0200		115	70 - 130			2406223
Blank	<0.02	mg/L	0.02	0.02	06/18/24 11:03 KMA							M178798
LCS	0.52	mg/L	0.02	0.02	06/18/24 11:03 KMA	0.500		105	89.5 - 111			M178798
LCS Dup	0.52	mg/L	0.02	0.02	06/18/24 11:03 KMA	0.500		104	89.5 - 111	0.191	10	M178798
Matrix Spike	0.78	mg/L	0.02	0.02	06/18/24 11:03 KMA	0.500	0.26	106	80.1 - 118			M178798
Matrix Spike Dup	0.78	mg/L	0.02	0.02	06/18/24 11:03 KMA	0.500	0.26	105	80.1 - 118	0.951	10	M178798

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



# AQUA-TECH LABORATORIES

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

## Analytical Report

### Waste Water Solutions

Report Printed: 7/4/24 11:58  
H019435

### General Chemistry - Quality Control

Result	Units	Notes	MDL	SQL	Analyzed	Spike Amount	Source Result	%R	%R Limits	RPD	RPD Limit	Batch
<b>Nitrite as N - SM4500 NO2- B 2011</b>												<i>Austin</i>
	0.08	mg/L			06/12/24 12:55 MSA	0.0740		102	90 - 110			2406155
Blank	<0.01	mg/L	0.002	0.01	06/12/24 12:55 MSA							M178552
LCS	0.08	mg/L	0.002	0.01	06/12/24 12:55 MSA	0.0800		104	90 - 110			M178552
LCS Dup	0.08	mg/L	0.002	0.01	06/12/24 12:55 MSA	0.0800		102	90 - 110	1.74	10	M178552
Matrix Spike	0.08	mg/L	0.002	0.01	06/12/24 12:55 MSA	0.0800	<0.01	97.1	57 - 116			M178552
Matrix Spike Dup	0.08	mg/L	0.002	0.01	06/12/24 12:55 MSA	0.0800	<0.01	95.7	57 - 116	1.40	10	M178552
MRL Check	0.01	mg/L	0.002	0.01	06/12/24 12:55 MSA	0.0100		102	70 - 130			M178552
Initial Cal Check	0.08	mg/L			10/06/23 11:00 MSA	0.0800		106	90 - 110			2310075
<b>Specific Conductance (adjusted to 25.0°C) - SM2510 B 2011</b>												<i>Austin</i>
	539	uS/cm			06/14/24 12:20 MSA	545		98.9	90 - 110			2406197
Blank	<2.00	uS/cm	2.00	2.00	06/14/24 12:20 MSA							M178683
Duplicate	913	uS/cm	2.00	2.00	06/14/24 12:20 MSA		911			0.219	10	M178683
LCS	1400	uS/cm	2.00	2.00	06/14/24 12:20 MSA	1410		99.4	90 - 110			M178683
<b>Sulfate as SO4(2-) - ASTM D0516-16</b>												<i>Austin</i>
Initial Cal Check	27.1	mg/L			05/28/24 16:07 KFB	30.0		90.4	90 - 110			2405356
Initial Cal Check	30.6	mg/L			06/24/24 09:03 BEB	30.0		102	90 - 110			2406303
Low Cal Check	4.34	mg/L			06/24/24 09:03 BEB	5.00		86.8	70 - 130			2406303
Initial Cal Check	29.8	mg/L			07/02/24 09:03 BEB	30.0		99.5	90 - 110			2407012
Low Cal Check	4.05	mg/L			07/02/24 09:03 BEB	5.00		81.0	70 - 130			2407012
Blank	<5.00	mg/L	2.63	5.00	07/02/24 09:03 BEB							M179420
Duplicate	98.3	mg/L	10.5	20.0	07/02/24 09:03 BEB		95.7			2.70	11.8	M179420
LCS	8.52	mg/L	2.63	5.00	07/02/24 09:03 BEB	10.0		85.2	85 - 115			M179420
LCS Dup	8.68	mg/L	2.63	5.00	07/02/24 09:03 BEB	10.0		86.8	85 - 115	1.93	13.5	M179420
Matrix Spike	138	mg/L	10.5	20.0	07/02/24 09:03 BEB	40.0	95.7	107	67.7 - 129			M179420
Matrix Spike Dup	141	mg/L	10.5	20.0	07/02/24 09:03 BEB	40.0	95.7	112	67.7 - 129	5.10	15	M179420
<b>Total Dissolved Solids - SM2540 C 2015</b>												<i>Austin</i>
Blank	<25.0	mg/L	25.0	25.0	06/17/24 06:22 SR							M178725
Duplicate	784	mg/L	50.0	50.0	06/17/24 06:22 SR		790			0.762	11.2	M178725
Reference	488	mg/L	100	100	06/17/24 06:22 SR	507		96.3	74.9 - 127			M178725

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



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

## Analytical Report

### Waste Water Solutions

Report Printed: 7/4/24 11:58

H019435

#### General Chemistry - Quality Control

	Result	Units	Notes	MDL	SQL	Analyzed	Spike Amount	Source Result	%R	%R Limits	RPD	RPD Limit	Batch
Total Kjeldahl Nitrogen as N - EPA 351.2 R2.0													
Bryan													
Initial Cal Check	4.77	mg/L				06/19/24 14:20 KMA	4.56		105	90 - 110			2406248
Low Cal Check	0.22	mg/L				06/19/24 14:20 KMA	0.200		109	70 - 130			2406248
Blank	<0.20	mg/L		0.13	0.20	06/19/24 14:20 KMA							M178854
LCS	4.16	mg/L		0.13	0.20	06/19/24 14:20 KMA	4.00		104	87.4 - 119			M178854
LCS Dup	4.25	mg/L		0.13	0.20	06/19/24 14:20 KMA	4.00		106	87.4 - 119	2.05	5.44	M178854
Matrix Spike	160	mg/L		3.25	5.00	06/19/24 14:20 KMA	100	53.8	106	62.1 - 130			M178854
Matrix Spike Dup	160	mg/L		3.25	5.00	06/19/24 14:20 KMA	100	53.8	106	62.1 - 130	0.636	17.5	M178854

#### Total Suspended Solids - SM2540 D 2015

Austin													
Blank	<1	mg/L		1	1	06/12/24 12:57 BEB							M178550
Duplicate	<1	mg/L	SL-01	1	1	06/12/24 12:57 BEB		<1			20		M178550
Reference	99	mg/L		10	10	06/12/24 12:57 BEB	103		96.1	80 - 120			M178550

#### Metals (Total) - Quality Control

	Result	Units	Notes	MDL	SQL	Analyzed	Spike Amount	Source Result	%R	%R Limits	RPD	RPD Limit	Batch
Phosphorus-Total - EPA 200.7 R4.4													
Austin													
Blank	<0.050	mg/L		0.041	0.050	06/14/24 13:10 KT							M178570
LCS	2.55	mg/L		0.041	0.050	06/14/24 13:13 KT	2.50		102	84.5 - 115.4			M178570
LCS Dup	2.52	mg/L		0.041	0.050	06/14/24 13:15 KT	2.50		101	84.5 - 115.4	1.14	20	M178570
Duplicate	1.46	mg/L		0.041	0.050	06/14/24 13:17 KT		1.30			11.7	20	M178570
Matrix Spike	4.41	mg/L		0.041	0.050	06/14/24 13:20 KT	2.50	1.30	125	69.5 - 130.4			M178570

#### Microbiological Analyses - Quality Control

	Result	Units	Notes	MDL	SQL	Analyzed	Spike Amount	Source Result	%R	%R Limits	Log10 Comparison Range	Control Limit	Batch
E. Coli - SM9223 B 2004													
Austin													
Blank	<1.0	MPN/100 mL		1.0	1.0	06/12/24 14:41 ACG							M178529
Dup Log10 Range		MPN/100 mL		1.0	1.0	06/12/24 14:41 ACG					0.000		M178529
Duplicate	<1.0	MPN/100 mL		1.0	1.0	06/12/24 14:41 ACG		<1.0				0.5	M178529

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



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

# Analytical Report

## Waste Water Solutions

Report Printed:

7/4/24

11:58

H019435

### Sample Preparation Summary

Sample	Method	Prepared	Lab	Bottle	Initial	Units	Final	Units	External Dilution Factor	Batch
<b>H019435-01</b>										
Ammonia as N	SM4500-NH3 G 2011	6/17/24 9:53 KMA	Bryan	A	10.0	mL	10.0	mL	1	M178744
Carbonaceous BOD (5 day)	SM5210 B 2016	6/13/24 6:45 MSA	Austin	E	300	mL	300	mL	1	M178573
Chloride	SM4500-Cl- B 2011	6/14/24 13:00 MSA	Austin	F	25.0	mL	100	mL	1	M178688
E. Coli	SM9223 B 2004	6/12/24 14:26 ACG	Austin	G	100	N/A	100	N/A	1	M178529
Nitrate/Nitrite as N	SM4500-NO3-F 2011	6/18/24 10:03 KMA	Bryan	A	1.00	mL	10.0	mL	1	M178798
Nitrite as N	SM4500 NO2- B 2011	6/12/24 12:55 MSA	Austin	F	25.0	mL	25.0	mL	1	M178552
Phosphorus-Total	EPA 200.7 R4.4	6/12/24 16:47 KT	Austin	H	50.0	mL	25.0	mL	1	M178570
Specific Conductance (adjusted to 25.0°C)	SM2510 B 2011	6/14/24 12:20 MSA	Austin	F	25.0	mL	25.0	mL	1	M178683
Total Dissolved Solids	SM2540 C 2015	6/17/24 6:22 SR	Austin	F	50.0	mL	100	mL	1	M178725
Total Kjeldahl Nitrogen as N	EPA 351.2 R2.0	6/19/24 9:51 KMA	Bryan	A	25.0	mL	25.0	mL	1	M178854
Total Suspended Solids	SM2540 D 2015	6/12/24 12:57 BEB	Austin	I	1000	mL	1000	mL	1	M178550
<b>H019435-01RE1</b>										
Sulfate as SO4(2-)	ASTM D0516-16	7/2/24 9:03 BEB	Austin	D	25.0	mL	100	mL	1	M179420

## Chain-of-Custody and Analysis Request

Client / Waste Water Solutions  
Project Name: Travaasa WWTP Short PermitContact Information  
Name Greg Gullett  
Address 9217 Hwy 290 E Suite 100  
City Austin  
State TX Zip 78736  
Phone (512) 707-7027  
emailDefinitions  
DW Drinking Water  
NP Non-Potable Water  
S Solid  
CM Custody Maintained  
CTU Custody Transfer Unbroken  
CT Corrected Temperature  
Reagent tracking is available upon request.

Aqua-Tech laboratories, Inc.

Austin

3512 Montopolis Dr.  
Austin, TX 78744  
512.301.9559

Bryan

635 Phil Gramm Blvd.  
Bryan, TX 77807  
979.778.3707

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

C-O-C #

H019435

Page 1 of 1

rte\_ATL COC  
012723.rptAnalyses Requested: "A" prefix indicates Austin, all others Bryan or Subcontracted, indicated by [SUB].  
Name format: Analysis-Matrix-Technology-Method.

[NEL] = NELAP accredited parameter

[CNR] = No NELAP accreditation required or available

[SUB] = NELAP accredited subcontracted parameter

[INF] = Informational only (not NELAC certified)

By relinquishing the samples listed below to Aqua-Tech laboratories, Inc. (ATL), the client agrees to the following terms. Samples will be analyzed by a method that is within ATL's NELAP fields of accreditation (FoA). Analytes requiring an accredited method that is not within ATL's FoA will be subcontracted to a NELAP lab that is accredited for that method. Clients will be notified of the subcontract lab's details. Other analytes not requiring accreditation will be analyzed by a compendial method. If a specific method is required, the client will note the method in the "Analysis Requested" column. The client approves all method modifications documented by ATL or the subcontract lab.

A current list of ATL's NELAC fields of accreditation and other methods are available on request.

## Comments:

pH = 7.16 mg/L  
Cl<sub>2</sub> = 2.8 mg/L

## - LAB RECEIPT -

Temperature - CT (C): 14.9/14.9

Preservation Correct: y 10/6/11/06/07

Post-Preservatives: n/a

Thermometer ID: 0164450

pH Paper ID: 057280

TCEQ LAB ID:  
T104704371

## Sample Custody

Relinquished  
(print & sign)Receiv-  
ed  
(print & sign)Relinquished  
(print & sign)Receiv-  
ed  
(print & sign)Relinquished  
(print & sign)Receiv-  
ed  
(print & sign)☐ Sampler  
☒ Client  
☐ ATL Field☐ Client  
☐ ATL Field☐ Client  
☐ ATL Field☐ Client  
☐ ATL Field☐ Client  
☐ ATL Field☒ LabDate  
TimeDate  
TimeDate  
TimeDate  
TimeDate  
TimeDate  
Time☒ Iced / Refrig  
☐ Custody Sealed☐ Iced / Refrig  
☐ CM / CTU☐ Iced / Refrig  
☐ CM / CTU☐ Iced / Refrig  
☐ CM / CTU☐ Iced / Refrig  
☐ CM / CTU / Sealed☒ Cond Good  
☒ Iced / Refrig  
☒ CM / CTU

Field Sample ID	Start Date Time	End Date Time	Composite Type	Sample Matrix	Container (Checked box indicates bottle arrived in lab) (Volume - Type - Preservative)	Lab ID
Travaasa WWTP Effluent - Permit	6-12-24 09:30	- N/A - - N/A -	Grab	NP	<input checked="" type="checkbox"/> A AMM NO3 TKN 0.25LP H2SO4 pH 2 <input checked="" type="checkbox"/> B OG pH Chk 1LP HCl <input checked="" type="checkbox"/> C OG - 1LG Amber HCl <input checked="" type="checkbox"/> D OG - 1LG Amber HCl <input checked="" type="checkbox"/> E CBOD 1LP <input checked="" type="checkbox"/> F CL Cond NO2 SO4 TDS 1LP <input checked="" type="checkbox"/> G Ecoli 0.1L StP Na2S2O3 <input checked="" type="checkbox"/> H P 0.25LP H2SO4 pH 2 <input checked="" type="checkbox"/> I TSS 2LP	H019435-01
A CBOD NP Probe SM 5210 B [NEL] A E.Coli MPN SM9223 B [NEL] A P NP Spec SM20 4500-P E [NEL] A TSS NP Grav SM 2540 D [NEL] OG Grav EPA 10545 [NEL]						
A Cl NP Tit SM 4500 Cl- B [NEL] A NO2N NP Spec SM4500 NO2 B [NEL] A SO4 NP Spec D516 [NEL] NH3N NP AUTO SM 4500 G [NEL] TKN NP AUTO EPA 351.2 [NEL]						
A Cond Probe SM 2510 B [NEL] A NO3N NP CALC SM4500 [NEL] A TDS NP Grav SM2540 C [NEL] NO3N + NO2N NP RFA SM4500 NO3 F [CNR]						

Ⓢ(4) Not required &lt;u&gt;

Attachment 7-Annual Cropping Plan- for page 33 Domestic Technical Report 1.0 Worksheet

## **Technical Attachment Cropping Plan**

1. The existing vegetation on site is the crop irrigated. The existing vegetation consists mainly of juniper and live oak trees.
2. The existing vegetation will utilize about 130 pounds of nitrogen per acre per year. The proposed application rate is 39.14 pounds of Nitrogen per acre per year.
3. The existing vegetation will tolerate soil with EC values from 8-12.
4. The effluent disposal area is within a wildlife conservation easement. The existing subsurface irrigation system irrigates native vegetation.

Attachment 8-Groundwater Quality-for page 34 Domestic Technical Report 1.0 Worksheet



## Groundwater Quality

There is no threat to groundwater from the wastewater disposal fields. The only aquifer in the areas the Trinity Aquifer. It is poor quality and confined in the area meaning no recharge occurs from the surface in this area. Please see the USGS Maps for nearby wells. Note all wells are away from and higher elevation than the wastewater disposal fields. There's no need for wellhead protection or any other kind of protection for the Wells.

Attachment 8A-Well Information-for page 34 Domestic Technical Report 1.0 Worksheet



Texas Water Development Board  
Well Schedule

groundwater resources  
division

State Well Number: **58-34-417** Previous Well Number: County: **Travis** **453**  
Latitude (dms): **302651** Longitude (dms): **975207** Coordinate Accuracy: **Global Positioning System - GPS**  
River Basin: **Colorado River** GMA: **8** RWPA: **K** GCD:

Owner: **The Crossings** Driller: **Tom Arnold Drilling** Aquifer ID: **Edwards (BFZ)**  
**Well #1** Aquifer Code: **218EDRDA**  
**EDWARDS AND ASSOCIATED LIMESTONES**  
Depth (ft): **705** Elevation (ft): **974**  
Source of Depth: **Driller's Log** Source of Elevation: **Digital Elevation Model -DEM**

Date Drilled: **02/21/2003** Well Type: **Withdrawal of Water**  
Type of Lift: **Submersible Pump** Power: **Electric Motor** Horsepower:  
Construction: **Air Percussion** Completion: **Open Hole**  
Casing Material: **Steel** Screen Material:

CASING INTERVALS:			
Casing/Blank Pipe (C)			
Well Screen/Slotted Zone (S)			
Open Hole (O)			
	Dia. (in.)	Top (ft.)	Bottom (ft.)
C	10	0	20
C	6	0	630
O	6	630	705

WATER USE

Primary: **Public Supply** Secondary: Tertiary:

Water Levels: **Miscellaneous Measurements** Water Quality: **N**  
1 measurement  
2003  
-315  
Other Data: **C** Logs: **D**

REMARKS:

Owners well #1. PWS ID #2270356A.  
Reported yield 43 GPM with 170 feet  
drawdown after pumping 36 hours in  
2003. Specific capacity 0.25  
GPM/ft. Pumping level 485 feet.  
Pump set at 609 feet. Cemented from  
0 to 630 feet. Test hole completed  
5/21/01. Test hole finished as  
water well 4/1/03.

Reporting Agency: **TWC/TNRCC/TCEQ**

Date Collected or Reported: **08/23/2011**

Recorded by: D. R. Jones

Attention Owner:  
Confidentiality Privilege Notice  
on reverse side of owner's copy.

**Texas Department of License and Regulation**  
**Water Well Driller/Pump Installer Program**  
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616  
Toll free (800) 803-9202  
Email address: water.well@license.state.tx.us

This form must be completed  
and filed with the department  
and owner within 60 days  
upon completion of the well.

**WELL REPORT**

**1) OWNER**

**A. WELL IDENTIFICATION AND LOCATION DATA**

Name <b>The Crossings</b>	Address <b>13500 FM 2769</b>	City <b>Austin</b>	State <b>Texas</b>	Zip <b>78726</b>
------------------------------	---------------------------------	-----------------------	-----------------------	---------------------

**2) WELL LOCATION**

County <b>Travis</b>	Physical Address <b>Same as above</b>	City	State	Zip
-------------------------	------------------------------------------	------	-------	-----

**3) Type of Work**

☒ New Well ☐ Deepening  
☐ Reconditioning

Lat. **30** **26** **82** Long. **097** **52** **10** Grid # **58-34-4**

**4) Proposed Use (check)** ☐ Monitor ☐ Environmental Soil Boring ☐ Domestic  
☐ Industrial ☐ Irrigation ☐ Injection ☒ Public Supply ☐ De-watering ☐ Testwell  
If Public Supply well, were plans submitted to the TNRCC? ☒ Yes ☐ No

**5) N↑**

**6) Drilling Date**

Started **2-21-03**

Completed **4-1-03**

**Diameter of Hole**

Dia. (in)	From (ft)	To (ft)
<b>14</b>	<b>0</b>	<b>20</b>
<b>10</b>	<b>20</b>	<b>630</b>
<b>6</b>	<b>630</b>	<b>705</b>

**7) Drilling Method (check)**

☐ Driven  
☐ Air Rotary ☐ Mud Rotary ☐ Bored  
☒ Air Hammer ☐ Cable Tool ☐ Jetted  
☐ Other

From (ft)	To (ft)	Description and color of formation material
		<b>See attached</b>

**8) Borehole Completion** ☒ Open Hole ☐ Straight Wall  
☐ Under-reamed ☐ Gravel Packed ☐ Other

If Gravel Packed give the interval from ft. to ft.

**Casing, Blank Pipe, and Well Screen Data**

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft)		Gage Casing Screen
			From	To	
<b>10</b>	<b>N</b>	<b>Steel</b>	<b>0</b>	<b>20</b>	
<b>6</b>	<b>N</b>	<b>Steel</b>	<b>+2</b>	<b>630</b>	

**9) Cementing Data**

Cementing from **0** ft. to **20** ft. # of sacks use **12**  
**0** ft. to **630** ft. # of sacks used **150**

Method Used **Haliburton**

Cementing By **International Services**

Distance to septic system field or other concentrated contamination \* ft.

Method of verification of above distance \* **Sanitary Sewer System**

**13) Plugged**

☐ Well plugged within 48 hours

Casing left in well:

Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

**14) Typepump**

☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder  
☐ Other

Depth to pump bowls, cylinder, jet, etc., **609** ft.

**15) Water Test**

Typetest ☒ Pump ☐ Bailer ☐ Jetted ☐ Estimated

Yield: **43** gpm with **170** ft. drawdown after **36** hrs.

**16) Water Quality**

Did you knowingly penetrate any strata which contain undesirable constituents?

☐ Yes ☒ NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?

Type of water \_\_\_\_\_ Depth of Strata \_\_\_\_\_

Was a chemical analysis made? ☒ Yes ☐ No

**10) Surface Completion**

☒ Specified Surface Slab Installed  
☐ Specified Surface Sleeve Installed  
☐ Pitless Adapter Used  
☐ Approved Alternative Procedure Used

**11) Water Level**

Static level **315** ft. below Date **3-6-03**  
Artesian Flow \_\_\_\_\_ gpm. Date **/ /**

**12) Packers**

Type \_\_\_\_\_ Depth \_\_\_\_\_

**None**

Company or Individual's Name (type or print) **Tom Arnold Drilling**

Lic. No. **2096**

Address **114 CR 170**

City **Round Rock**

State **TX**

Zip **78664**

Signature

Licensed Driller/Pump Installer

**4-30-03**  
Date

Signature

Apprentice

Date

58-34-41

Attention Owner:  
Confidentiality Privilege Notice  
on reverse side of owner's copy.

**Texas Department of License and Regulation**  
**Water Well Driller/Pump Installer Program**  
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616  
Toll free (800) 803-9202  
Email address: water.well@license.state.tx.us  
**WELL REPORT**

This form must be completed  
and filed with the department  
and owner within 60 days  
upon completion of the well.

1) OWNER					A. WELL IDENTIFICATION AND LOCATION DATA				
Name <b>The Crossing at Volente</b>		Address <b>13500 F.M. 2769</b>		City <b>Austin</b>	State <b>Texas</b>		Zip <b>78641</b>		
2) WELL LOCATION									
County <b>Travis</b>		Physical Address <b>13500 F M 2769</b>		City <b>Austin</b>	State <b>Texas</b>		Zip <b>78641</b>		
3) Type of Work <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning		Lat. <b>30° 26' 82"</b>		Long. <b>097° 52' 10"</b>		Grid # <b>58-34-4</b>			
		4) Proposed Use (check) <input type="checkbox"/> Monitor <input type="checkbox"/> Environmental Soil Boring <input type="checkbox"/> Domestic <input type="checkbox"/> Industrial <input type="checkbox"/> Irrigation <input type="checkbox"/> Injection <input type="checkbox"/> Public Supply <input type="checkbox"/> De-watering <input checked="" type="checkbox"/> Testwell If Public Supply well, were plans submitted to the TNRCC? <input type="checkbox"/> Yes <input type="checkbox"/> No				5) <b>N↑</b>			
6) Drilling Date Started <b>5-20-01</b> Completed _____		Diameter of Hole Dia. (in) From (ft) To (ft) <b>6 1/4 0 705</b>			7) Drilling Method (check) <input type="checkbox"/> Driven <input type="checkbox"/> Air Rotary <input type="checkbox"/> Mud Rotary <input type="checkbox"/> Bored <input checked="" type="checkbox"/> Air Hammer <input type="checkbox"/> Cable Tool <input type="checkbox"/> Jetted <input type="checkbox"/> Other _____				
From (ft) To (ft) Description and color of formation material		8) Borehole Completion <input checked="" type="checkbox"/> Open Hole <input type="checkbox"/> Straight Wall <input type="checkbox"/> Under-reamed <input type="checkbox"/> Gravel Packed <input type="checkbox"/> Other _____ If Gravel Packed give the interval from _____ ft. to _____ ft.							
0 1 Loose Rock		Casing, Blank Pipe, and Well Screen Data							
1 42 Brown Limestone		Dia. (in.)		New Or Used		Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial		Setting (ft) From To	Gage Casing Screen
42 95 Gray Limestone									
95 100 Brown Limestone									
100 122 Gray Limestone									
122 140 Yellow Limestone									
140 490 Gray Limestone									
490 550 Gray Limestone & Shale strips									
550 590 Brown Limestone									
590 640 Gray Limestone									
640 650 Brown Limestone									
650 675 Gray Limestone									
(Use reverse side of Well Owner's copy, If necessary)									
13) Plugged <input type="checkbox"/> Well plugged within 48 hours Casing left in well: _____ Cement/Bentonite placed in well: _____					9) Cementing Data <b>N/A</b> Cementing from _____ ft. to _____ ft. # of sacks used _____ _____ ft. to _____ ft. # of sacks used _____ Method Used _____ Cementing By _____ Distance to septic system field or other concentrated contamination _____ ft. Method of verification of above distance <b>Private sewer system</b>				
From (ft) To (ft)		From (ft) To (ft)		Sacks used					
14) Typepump <b>NONE</b> <input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input type="checkbox"/> Submersible <input type="checkbox"/> Cylinder <input type="checkbox"/> Other _____ Depth to pump bowls, cylinder, jet, etc., _____ ft.					10) Surface Completion <b>none</b> <input type="checkbox"/> Specified Surface Slab Installed <input type="checkbox"/> Specified Surface Sleeve Installed <input type="checkbox"/> Pitless Adapter Used <input type="checkbox"/> Approved Alternative Procedure Used				
15) Water Test Type test <input type="checkbox"/> Pump <input type="checkbox"/> Bailer <input type="checkbox"/> Jetted <input checked="" type="checkbox"/> Estimated Yield: <b>40</b> gpm with _____ ft. drawdown after _____ hrs.					11) Water Level Static level <b>320</b> ft. below Date <b>5-21-01</b> Artesian Flow _____ gpm. Date <b>/ /</b>				
16) Water Quality Did you knowingly penetrate any strata which contain undesirable constituents? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> NO If yes, did you submit a REPORT OF UNDESIRABLE WATER? Type of water _____ Depth of Strata _____ Was a chemical analysis made? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					12) Packers Type Depth <b>NONE</b>				
Company or Individual's Name (type or print) <b>Tom Arnold Drilling</b>					Lic. No. <b>2096</b>				
Address <b>1147 CR 170</b>			City <b>Round Rock</b>		State <b>Tx.</b>		Zip <b>78664</b>		
Signature _____		Date <b>8-1-01</b>		Signature _____		Date <b>/ /</b>			
Licensed Driller/Pump Installer				Apprentice					

58.34.417

Well #1

## GWDB Reports and Downloads

## Well Basic Details

## Scanned Documents

State Well Number	5834417	Well Type	Withdrawal of Water
County	Travis	Well Use	Public Supply
River Basin	Colorado	Water Level Observation	Miscellaneous Measurements
Groundwater Management Area	8	Water Quality Available	Yes
Regional Water Planning Area	K - Lower Colorado	Pump	Submersible
Groundwater Conservation District		Pump Depth (feet below land surface)	
Latitude (decimal degrees)	30.4475	Power Type	Electric Motor
Latitude (degrees minutes seconds)	30° 26' 51" N	Annular Seal Method	
Longitude (decimal degrees)	-97.868611	Surface Completion	
Longitude (degrees minutes seconds)	097° 52' 07" W	Owner	The Crossings Well #1
Coordinate Source	Global Positioning System - GPS	Driller	Tom Arnold Drilling
Aquifer Code	218EDRDA - Edwards and Associated Limestones	Other Data Available	Drillers Log; Specific Capacity
Aquifer	Edwards (Balcones Fault Zone)	Well Report Tracking Number	
Aquifer Pick Method		Plugging Report Tracking Number	
Land Surface Elevation (feet above sea level)	974	U.S. Geological Survey Site Number	
Land Surface Elevation Method	Digital Elevation Model -DEM	Texas Commission on Environmental Quality Source Id	G2270356A
Well Depth (feet below land surface)	705	Groundwater Conservation District Well Number	
Well Depth Source	Driller's Log	Owner Well Number	1
Drilling Start Date		Other Well Number	
Drilling End Date	2/21/2003	Previous State Well Number	
Drilling Method	Air Rotary	Reporting Agency	Texas Commission on Environmental Quality
Borehole Completion	Open Hole	Created Date	8/23/2011
		Last Update Date	8/23/2011

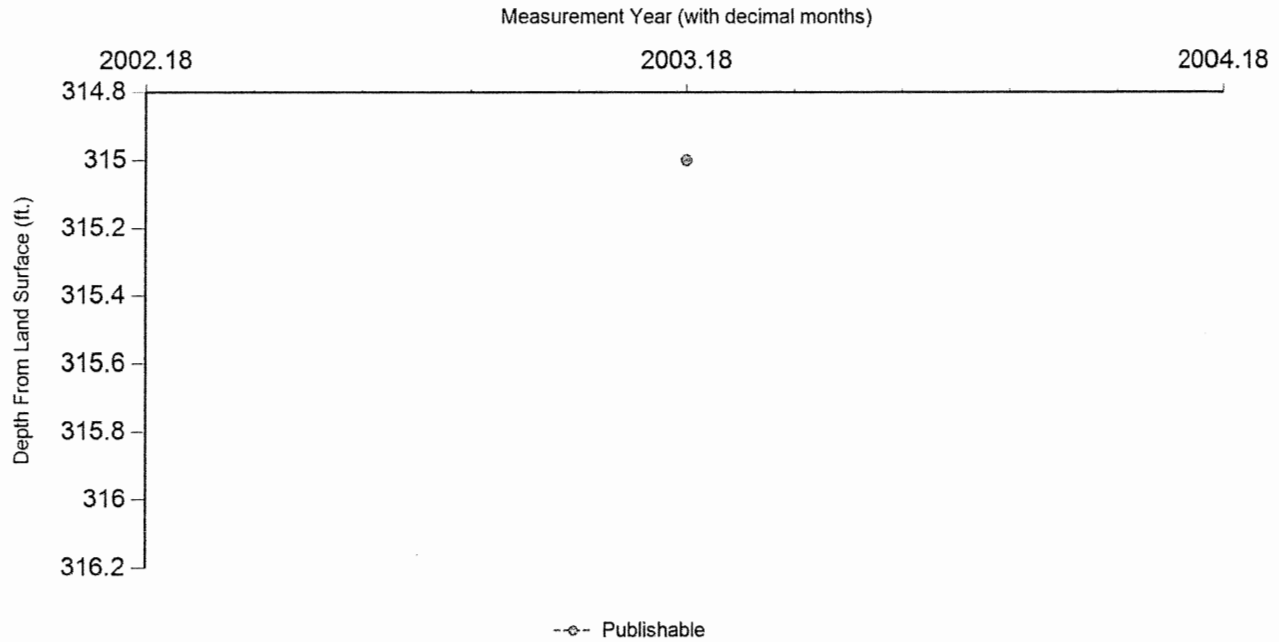
**Remarks** Owners well #1. PWS ID #2270356A. Reported yield 43 GPM with 170 feet drawdown after pumping 36 hours in 2003. Specific capacity 0.25 GPM/ft. Pumping level 485 feet. Pump set at 609 feet. Cemented from 0 to 630 feet. Test hole completed 5/21/01. Test hole finished as water well 4/1/03.

**Casing**

Diameter (in.)	Casing Type	Casing Material	Schedule	Gauge	Top Depth (ft.)	Bottom Depth (ft.)
10	Blank	Steel			0	20
6	Blank	Steel			0	630
6	Open Hole				630	705

**Well Tests - No Data****Lithology - No Data****Annular Seal Range - No Data****Borehole - No Data****Plugged Back - No Data****Filter Pack - No Data****Packers - No Data**

### Water Level Measurements



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in ( ) indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	3/6/2003		315		659	1	Registered Water Well Driller	Unknown		

### Code Descriptions

Status Code	Status Description
P	Publishable



### Water Quality Analysis

Sample Date: 12/13/2006 Sample Time: Sample Number: 1 Collection Entity: Municipal Water Agency or Public Water Supply Corp

Sampled Aquifer: Edwards and Associated Limestones

Analyzed Lab: Laboratory Unknown Reliability: Reliability unknown or not available

Collection Remarks: No Data

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	<	1	mg/L	
00410	ALKALINITY, TOTAL (MG/L AS CaCO <sub>3</sub> )		308	mg/L	
01105	ALUMINUM, TOTAL (UG/L AS AL)	<	20	ug/L	
01097	ANTIMONY, TOTAL (UG/L AS SB)	<	1	ug/L	
01002	ARSENIC, TOTAL (UG/L AS AS)	<	2	ug/L	
01007	BARIUM, TOTAL (UG/L AS BA)		12.3	ug/L	
01012	BERYLLIUM, TOTAL (UG/L AS BE)	<	0.8	ug/L	
00440	BICARBONATE ION, CALCULATED (MG/L AS HCO <sub>3</sub> )		376	mg/L	
01027	CADMIUM, TOTAL (UG/L)	<	1	ug/L	
00916	CALCIUM, TOTAL (MG/L AS CA)		101	mg/L	
00445	CARBONATE ION, CALCULATED (MG/L AS CO <sub>3</sub> )	<	1	mg/L	
00940	CHLORIDE, TOTAL (MG/L AS CL)		176	mg/L	
01034	CHROMIUM, TOTAL (UG/L AS CR)	<	10	ug/L	
01042	COPPER, TOTAL (UG/L AS CU)		0.07	ug/L	
00951	FLUORIDE, TOTAL (MG/L AS F)		4.32	mg/L	
00900	HARDNESS, TOTAL, CALCULATED (MG/L AS CaCO <sub>3</sub> )		579	mg/L	
71885	IRON (UG/L AS FE)		333	ug/L	
01051	LEAD, TOTAL (UG/L AS PB)		2	ug/L	
00927	MAGNESIUM, TOTAL (MG/L AS MG)		79.4	mg/L	
01055	MANGANESE, TOTAL (UG/L AS MN)		4.4	ug/L	
71900	MERCURY, TOTAL (UG/L AS HG)	<	0.4	ug/L	
01067	NICKEL, TOTAL (UG/L AS NI)		1.9	ug/L	
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	<	0.01	mg/L	
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	<	0.01	mg/L	
00403	PH (STANDARD UNITS) LAB		7.6	SU	
01147	SELENIUM, TOTAL (UG/L)		3.6	ug/L	
01077	SILVER, TOTAL (UG/L AS AG)	<	10	ug/L	
00929	SODIUM, TOTAL (MG/L AS NA)		324	mg/L	
00945	SULFATE, TOTAL (MG/L AS SO <sub>4</sub> )		743	mg/L	
01059	THALLIUM, TOTAL (UG/L AS TL)	<	0.4	ug/L	
70301	TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L)		1700	mg/L	
01092	ZINC, TOTAL (UG/L AS ZN)		75.7	ug/L	

\* Value may not display all significant digits for parameter in results, check Scanned Documents for laboratory paperwork..

**GWDB DISCLAIMER:** Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (<http://www.twdb.texas.gov/groundwater/data/gwdbbrpt.asp>) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at [GroundwaterData@twdb.texas.gov](mailto:GroundwaterData@twdb.texas.gov).



## Texas Commission on Environmental Quality

*Protecting Texas by Reducing and Preventing Pollution*

September 25, 2013

Mr. Timothy E. Haynie, P.E.  
Haynie Consulting, Inc.  
1010 Provident Lane  
Round Rock, Texas 78664

Re: Travaasa - Public Water System ID No. 2270356  
Well No. 2 Completion Data - Ref. Log No. P-11092012-035  
Engineer Contact Telephone: (512) 837-2446  
Plan Review Log No. P-08092013-066  
Travis County, Texas

CN603988023; RN104422944

Dear Mr. Haynie:

On August 19, 2013, the Texas Commission on Environmental Quality (TCEQ) received your letter dated August 16, 2013 submitting Well No. 2 completion data for the above referenced public water system. Based on the review of the information submitted, the constructed well is **approved for interim use** and may now be **temporarily** placed into service. The project generally meets the minimum requirements of Title 30 Texas Administrative Code Chapter 290 - Rules and Regulations for Public Water Systems except the following:

- The chemical analysis report submitted shows that the concentrations of **fluoride, sulfate and total dissolved solids are 3.49 milligram per liter (mg/l), 1,320 mg/l and 2,360 mg/l** which exceeded the secondary contaminant levels of 2 mg/l, 300 mg/l and 1,000 mg/l respectively. If the official analysis (see below) indicates exceedances, and customers complaints are received, treatment or blending to reduce the constituent will be required.

The preliminary chemical samples collected by the water system or their contractor are for interim approval only. For final approval prior to the new well being placed into permanent service the following conditions must be met:

1. The water system must contact the **TCEQ's Drinking Water Quality Team in Austin at 512/239-4691** to arrange for the collection of the official chemical samples which must be completed within 120 days from the date of this letter.
2. The results of the official chemical analysis of these samples will be used to conduct a vulnerability assessment, develop a chemical monitoring plan and grant final approval for the new source.

Mr. Timothy E. Haynie, P.E.

Page 2

September 25, 2013

3. If official chemical analysis testing confirms that a regulated constituent does not meet secondary contaminant levels, additional treatment, blending, or public notice may be required. The Drinking Water Quality Team will notify the water system of any additional special requirements for this public water supply source. Plans for water treatment must be reviewed and approved by the Utilities Technical Review Team.

The well completion data consisted of the following:

- State of Texas Well Report;
- Material setting and cementing data;
- 36-hour pumping test results showing stable production at 17 gallons per minute (gpm);
- A copy of a recorded deed and map demonstrating that the water system owns all real property within 150 feet of Well No. 2;
- U. S. Geological Survey 7.5 minute map showing the well location;
- Three bacteriological sampling results showing no coliform contamination; and,
- Chemical analysis results (commercial lab).

The well completion data describes construction of the following:

One public water supply open hole well drilled to 705 feet with 630 linear feet (l.f.) of 6<sup>5</sup>/<sub>8</sub>-inch outside diameter (o.d.) pressure-cemented steel casing, the well yield is 17 gpm with a submersible pump set at 700 feet deep. The design capacity of the pump is 17 gpm.

Well No. 2 is located at 0.64 mile northeast of the intersection of Farm-to-Market Road 2769 and Buick Hollow Drive in Travis County, Texas.

Texas Water Code Section 36.0015 allows for the creation of groundwater conservation districts (GCDs) as the preferred method of groundwater management. GCDs manage groundwater in many counties and are authorized to regulate production and spacing of water wells. **Public water systems drilling wells within an existing GCD are responsible for meeting the GCD requirements.** The authorization provided in this letter does not affect GCD authority to manage groundwater or issue permits.

The well was approved for construction in TCEQ's letter dated December 28, 2012(Plan Review Log No. P-11092012-035).

Please complete a copy of the most current Public Water System Plan Review Submittal form for any future submittals. Every blank on the form must be completed to minimize any delays in the review of your project. The document is available on TCEQ's website at the address shown below.

<http://www.tceq.texas.gov/utilities/planrev.html>

Mr. Timothy E. Haynie, P.E.

Page 3

September 25, 2013

For future reference, you can review part of the Utilities Technical Review Team's database to see if we have received your project. This is available on the TCEQ's website at the following address:

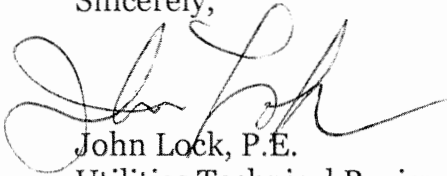
<http://www.tceq.texas.gov/utilities/planrev.html#status>

You can download most of the well construction checklists and the latest revision of Chapter 290 "Rules and Regulations for Public Water Systems" from this site.

If you have any questions regarding this letter or need additional assistance, please contact Pritesh Tripathi at (512)239-3794 or by email at "pritesh.tripathi@tceq.texas.gov" or by correspondences at the following address:

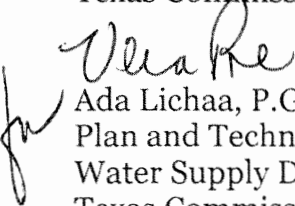
Utilities Technical Review Team, MC-159  
Texas Commission on Environmental Quality  
P.O. Box 13087  
Austin, Texas 78711-3087

Sincerely,



John Lock, P.E.

Utilities Technical Review Team, MC-159  
Plan and Technical Review Section  
Water Supply Division  
Texas Commission on Environmental Quality



Ada Lichaa, P.G., Manager  
Plan and Technical Review Section  
Water Supply Division  
Texas Commission on Environmental Quality

PT/JL/AL/av

cc: Travaasa - Attn.: Mr. Brad Urie, P.E., 13500 Farm-to-Market Road 2769, Austin, Texas 78726

## STATE OF TEXAS WELL REPORT for Tracking #467345

Owner:	<b>Les Massengale</b>	Owner Well #:	<b>No Data</b>
Address:	<b>13623 FM 2769 Austin, TX 78726</b>	Grid #:	<b>58-34-4</b>
Well Location:	<b>13623 FM 2769 Austin, TX 78726</b>	Latitude:	<b>30° 26' 22.4" N</b>
Well County:	<b>Travis</b>	Longitude:	<b>097° 52' 07.2" W</b>
		Elevation:	<b>668 ft. above sea level</b>
Type of Work:	<b>New Well</b>	Proposed Use:	<b>Domestic</b>

Drilling Start Date: **11/20/2017**      Drilling End Date: **11/20/2017**

	<i>Diameter (in.)</i>	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>
Borehole:	<b>9</b>	<b>0</b>	<b>50</b>
	<b>6.25</b>	<b>50</b>	<b>490</b>

Drilling Method: **Air Rotary**

Borehole Completion: **Straight Wall**

	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>	<i>Description (number of sacks &amp; material)</i>
Annular Seal Data:	<b>-1</b>	<b>50</b>	<b>7 cement 2 bentonite gelclay Bags/Sacks</b>

Seal Method: **Hand Mixed**

Distance to Property Line (ft.): **60**

Sealed By: **Driller**

Distance to Septic Field or other  
concentrated contamination (ft.): **>150**

Distance to Septic Tank (ft.): **>150**

Method of Verification: **Owner**

Surface Completion: **Surface Sleeve Installed**

**Surface Completion by Driller**

Water Level: **No Data**

Packers: **Burlap at 50 ft.  
Burlap and Plastic at 390 ft.  
Burlap and Plastic at 410 ft.**

Type of Pump: **Submersible**

Well Tests: **Estimated      Yield: 25-30 GPM**

---

	Strata Depth (ft.)	Water Type
Water Quality:	<b>410 - 490</b>	<b>Mid Trinity</b>
		Chemical Analysis Made: <b>No</b>
	Did the driller knowingly penetrate any strata which contained injurious constituents?:	<b>No</b>

---

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **Associated Drilling Inc**  
**PO Box 673**  
**Dripping Springs, TX 78620**

Driller Name: **James Benoit** License Number: **4064**

Comments: **Glass Well Service**

---

Lithology:			Casing:					
DESCRIPTION & COLOR OF FORMATION MATERIAL			BLANK PIPE & WELL SCREEN DATA					
Top (ft.)	Bottom (ft.)	Description	Dia (in.)	Type	Material	Sch./Gage	Top (ft.)	Bottom (ft.)
0	2	topsoil	4.5	Blank	New Plastic (PVC)	sdr17	-3	410
2	15	tan white lime	4.5	Screen	New Plastic (PVC)	sdr17 0.020	410	470
15	110	blue lime	4.5	Blank	New Plastic (PVC)	sdr17	470	490
110	115	blue shale						
115	410	blue lime						
410	465	tan white limestone (h2o)						
465	490	gray white limestone						

---

**IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY**

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

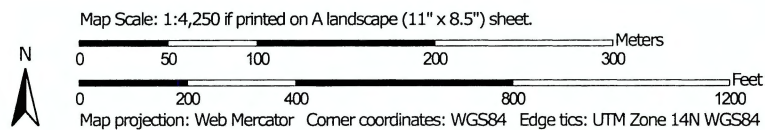
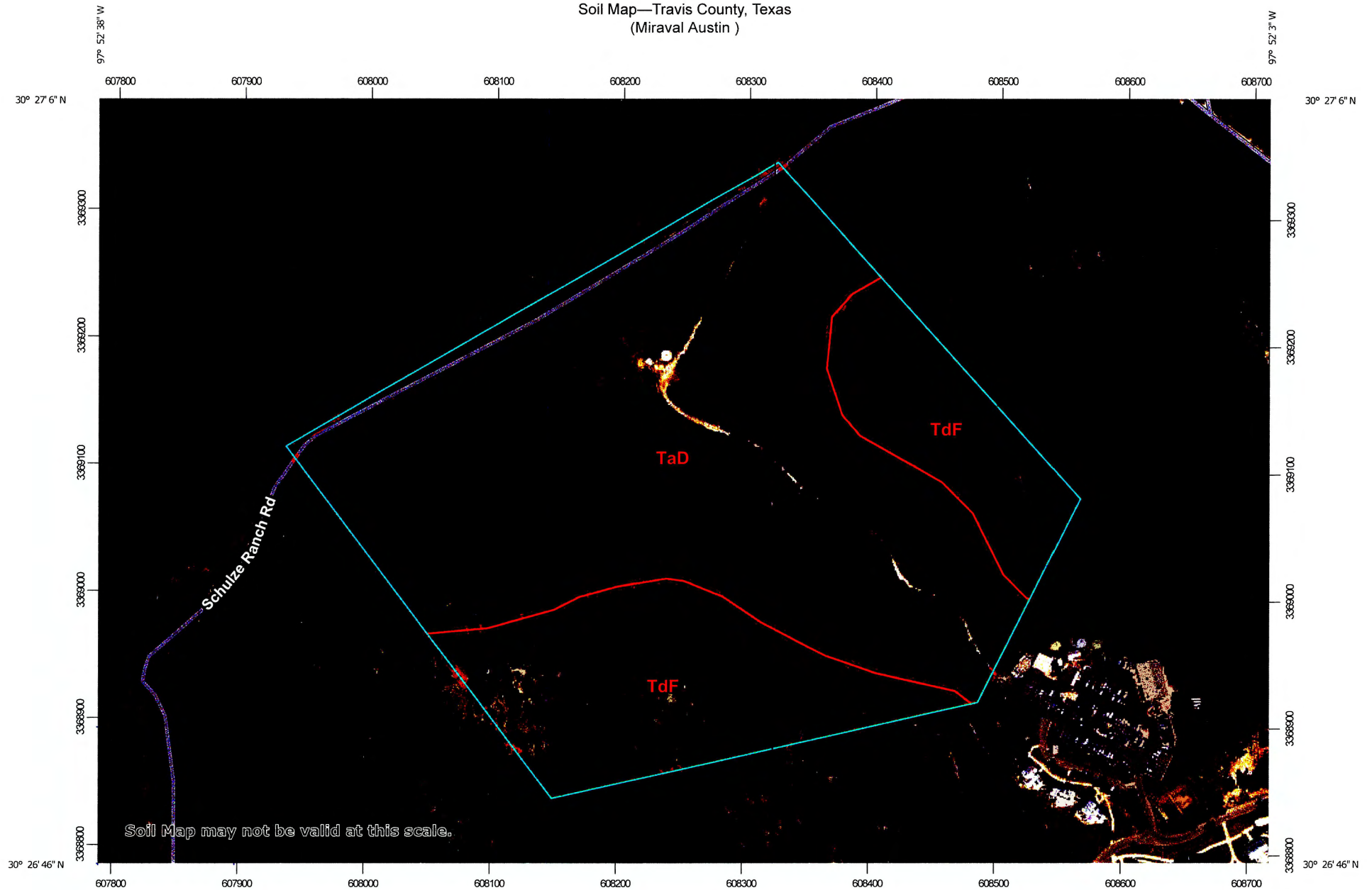
Please include the report's Tracking Number on your written request.

**Texas Department of Licensing and Regulation**  
**P.O. Box 12157**  
**Austin, TX 78711**  
**(512) 334-5540**

Attachment 9-USDA Soils Map-for page 34 Domestic Technical Report 1.0 Worksheet




# Soil Map—Travis County, Texas (Miraval Austin )






## MAP LEGEND









### Area of Interest (AOI)

-  Area of Interest (AOI)

### Soils


-  Soil Map Unit Polygons
-  Soil Map Unit Lines
-  Soil Map Unit Points

### Special Point Features

-  Blowout
-  Borrow Pit
-  Clay Spot
-  Closed Depression
-  Gravel Pit
-  Gravelly Spot
-  Landfill
-  Lava Flow
-  Marsh or swamp
-  Mine or Quarry
-  Miscellaneous Water
-  Perennial Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Severely Eroded Spot
-  Sinkhole
-  Slide or Slip
-  Sodic Spot

-  Spoil Area
-  Stony Spot
-  Very Stony Spot
-  Wet Spot
-  Other
-  Special Line Features

### Water Features

-  Streams and Canals

### Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

### Background

-  Aerial Photography

## MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service  
Web Soil Survey URL:  
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Travis County, Texas  
Survey Area Data: Version 25, Sep 5, 2023

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Data not available.

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Attachment 9A-Annual Soil Analysis-for page 34 Domestic Technical Report 1.0 Worksheet



# Texas Commission on Environmental Quality

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

## MONTHLY EFFLUENT REPORT

WQ0014203001
PERMIT NUMBER

SET

2024	1
YEAR	MO

EID

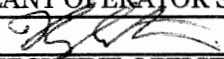

This report to be used for SOIL MON 201 ANN 0-6

Please retain a photocopy for your records.

Parameter Code/ Parameter	Effluent Condition			No. Ex	Frequency of Analysis	Sample Type
		Value	Units			
pH	Reported	7.9			1/year	Soil
Conductivity	Reported	88	umho/cm		1/year	Soil
Nitrate-N	Reported	2	ppm		1/year	Soil
TKN	Reported	314	ppm		1/year	Soil
Total Nitrogen	Reported	371	ppm		1/year	Soil
Plant Available	Reported					
Phosphorus	Reported	16	ppm		1/year	Soil
Potassium	Reported	86	ppm		1/year	Soil

COMMENTS AND EXPLANATIONS (Reference all attachments here.)

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

PLANT OPERATOR NAME	PLANT OPERATOR SIGNATURE	MONTH	DAY	YEAR
Roger Stroms		4	16	2024
EXECUTIVE OFFICER NAME	EXECUTIVE OFFICER SIGNATURE	MONTH	DAY	YEAR
Gregory Gullett		4	16	2024
Telephone Number		512-707-7027		
		Area code	Number	



# Texas Commission on Environmental Quality

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

## MONTHLY EFFLUENT REPORT

WQ0014203001
PERMIT NUMBER

SET

2024	1
YEAR	MO

EID

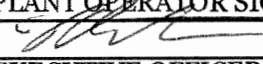
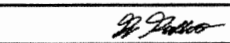
This report to be used for SOIL MON 201 ANN 12-18

Please retain a photocopy for your records.

Parameter Code/ Parameter	Effluent Condition			No. Ex	Frequency of Analysis	Sample Type
		Value	Units			
pH	Reported	8.1				
Conductivity	Reported	186	umho/cm		1/year	Soil
Nitrate-N	Reported	1	ppm		1/year	Soil
TKN	Reported	338	ppm		1/year	Soil
Total Nitrogen	Reported	398	ppm		1/year	Soil
Plant Available	Reported					
Phosphorus	Reported	6	ppm		1/year	Soil
Potassium	Reported	255	ppm		1/year	Soil

COMMENTS AND EXPLANATIONS (Reference all attachments here.)

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

PLANT OPERATOR NAME	PLANT OPERATOR SIGNATURE	MONTH	DAY	YEAR
Roger Stroms		4	16	2024
EXECUTIVE OFFICER NAME	EXECUTIVE OFFICER SIGNATURE	MONTH	DAY	YEAR
Gregory Gullett		4	16	2024
Telephone Number		512-707-7027		
		Area code	Number	



# Texas Commission on Environmental Quality

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

## MONTHLY EFFLUENT REPORT

WQ0014203001
PERMIT NUMBER

SET
-----

2024	1
YEAR	MO

EID
-----

This report to be used for SOIL MON 301 ANN 18-30

Please retain a photocopy for your records.

Parameter Code/ Parameter	Effluent Condition			No. Ex	Frequency of Analysis	Sample Type
		Value	Units			
pH	Reported	8.2				
Conductivity	Reported	117	umho/cm		1/year	Soil
Nitrate-N	Reported	3	ppm		1/year	Soil
TKN	Reported	769	ppm		1/year	Soil
Total Nitrogen	Reported	873	ppm		1/year	Soil
Plant Available	Reported					
Phosphorus	Reported	0	ppm		1/year	Soil
Potassium	Reported	150	ppm		1/year	Soil

COMMENTS AND EXPLANATIONS (Reference all attachments here.)

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

PLANT OPERATOR NAME	PLANT OPERATOR SIGNATURE	MONTH	DAY	YEAR
Roger Stroms		4	16	2024
EXECUTIVE OFFICER NAME	EXECUTIVE OFFICER SIGNATURE	MONTH	DAY	YEAR
Gregory Gullett		4	16	2024
Telephone Number		512-707-7027		
		Area code	Number	



# Soil Analysis Report

Soil, Water and Forage Testing Laboratory  
Department of Soil and Crop Sciences  
2478 TAMU  
College Station, TX 77843-2478

Report generated for:  
Wastewater Solutions  
Miraval  
9217 Hwy 290 West - Ste 100  
AUSTIN, TX 78736

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

Sample received on: 3/29/2024  
Printed on: 4/16/2024  
Area Represented: not provided

Travis County  
Laboratory Number: 657617  
Customer Sample ID: 0-6

Crop Grown: IMPROVED AND HYBRID BERMUDA GRASS (ESTABLISHMENT)

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	7.9	(5.8)	-	Mod. Alkaline							
Conductivity	88	(-)	umho/cm	None							Fertilizer Recommended
Nitrate-N	2	(-)	ppm**					CL*			35 lbs N/acre
Phosphorus	16	(50)	ppm								70 lbs P2O5/acre
Potassium	86	(125)	ppm								30 lbs K2O/acre
Calcium	19,586	(180)	ppm								0 lbs Ca/acre
Magnesium	216	(50)	ppm								0 lbs Mg/acre
Sulfur	146	(13)	ppm								0 lbs S/acre
Sodium	19	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement											0.00 tons 100ECCE/acre
TKN	314		ppm								
TN	371		ppm								
Ammonium-N	37.6		ppm								

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

Nitrogen: Apply an additional 40 lbs/A of nitrogen upon 75% vegetative cover.

## Soil Analysis Report

Soil, Water and Forage Testing Laboratory  
Department of Soil and Crop Sciences  
2478 TAMU  
College Station, TX 77843-2478

Report generated for:  
Wastewater Solutions  
Miraval  
9217 Hwy 290 West - Ste 100  
AUSTIN, TX 78736

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

Sample received on: 3/29/2024  
Printed on: 4/16/2024  
Area Represented: not provided

Travis County  
Laboratory Number: 657618  
Customer Sample ID: 12--18

Crop Grown: IMPROVED AND HYBRID BERMUDA GRASS (ESTABLISHMENT)

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	8.1	(5.8)	-	Mod. Alkaline							
Conductivity	186	(-)	umho/cm	None							Fertilizer Recommended
Nitrate-N	1	(-)	ppm**								35 lbs N/acre
Phosphorus	6	(50)	ppm								90 lbs P2O5/acre
Potassium	255	(125)	ppm								0 lbs K2O/acre
Calcium	16,950	(180)	ppm								0 lbs Ca/acre
Magnesium	252	(50)	ppm								0 lbs Mg/acre
Sulfur	120	(13)	ppm								0 lbs S/acre
Sodium	16	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement											0.00 tons 100ECCE/acre
TKN	338		ppm								
TN	398		ppm								
Ammonium-N	26.4		ppm								

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

Nitrogen: Apply an additional 40 lbs/A of nitrogen upon 75% vegetative cover.





## Soil Analysis Report

Soil, Water and Forage Testing Laboratory  
Department of Soil and Crop Sciences  
2478 TAMU  
College Station, TX 77843-2478

Report generated for:  
Wastewater Solutions  
Miraval  
9217 Hwy 290 West - Ste 100  
AUSTIN, TX 78736

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

Sample received on: 3/29/2024  
Printed on: 4/16/2024  
Area Represented: not provided

Travis County  
Laboratory Number: 657619  
Customer Sample ID: 18-30

Crop Grown: IMPROVED AND HYBRID BERMUDA GRASS (ESTABLISHMENT)

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	8.2	(5.8)	-	Mod. Alkaline							
Conductivity	117	(-)	umho/cm	None							Fertilizer Recommended
Nitrate-N	3	(-)	ppm**								30 lbs N/acre
Phosphorus	0	(50)	ppm								105 lbs P2O5/acre
Potassium	150	(125)	ppm								0 lbs K2O/acre
Calcium	33,126	(180)	ppm								0 lbs Ca/acre
Magnesium	208	(50)	ppm								0 lbs Mg/acre
Sulfur	237	(13)	ppm								0 lbs S/acre
Sodium	23	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement											0.00 tons 100ECCE/acre
TKN	769		ppm								
TN	873		ppm								
Ammonium-N	18.7		ppm								

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

**Nitrogen:** Apply an additional 40 lbs/A of nitrogen upon 75% vegetative cover.

**Attachment 10-Renewal Fee Check Payment Receipt**

TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

AUSTIN, TEXAS

RECEIPT NO. 95-5080

DATE 6-7-24

AMOUNT 315

PAYMENT TYPE Check (wop)

RECEIVED FROM Hyatt Shared service center

PAYMENT FOR WGP

RECEIVED BY CP

FedEx Office

5601 Brodie Ln Ste 1210  
Austin, TX, 78745  
(512) 892-1992

Transaction Summary

\*\* This is not a receipt \*\*

Terminal: 0723M600MIX04  
9/30/2024 12:58  
Transaction #: 0723BAU1960  
Type: Daily Password

---

Qty	Description
1	1402 - PNG B&W S/S 8.5x11 & 8.5x14
98	1402 - PNG B&W S/S 8.5x11 & 8.5x14

---

The first of these is the fact that the system is not in a steady state. The system is in a state of flux, and the variables are changing. This is a dynamic system, and the variables are interdependent. The second is the fact that the system is not linear. The relationships between the variables are non-linear, and the system is subject to feedback loops. The third is the fact that the system is not deterministic. The system is subject to random fluctuations, and the outcomes are uncertain. The fourth is the fact that the system is not isolated. The system is open to external influences, and the boundaries are fuzzy. The fifth is the fact that the system is not homogeneous. The system is composed of different parts, and the parts are not identical. The sixth is the fact that the system is not static. The system is in a state of constant change, and the variables are always moving. The seventh is the fact that the system is not simple. The system is complex, and the relationships between the variables are intricate. The eighth is the fact that the system is not predictable. The system is subject to uncertainty, and the outcomes are not certain. The ninth is the fact that the system is not controllable. The system is subject to external influences, and the outcomes are not under our control. The tenth is the fact that the system is not measurable. The system is subject to uncertainty, and the outcomes are not certain.

The first of these is the fact that the system is not in a steady state. The system is in a state of flux, and the variables are changing. This is a dynamic system, and the variables are interdependent. The second is the fact that the system is not linear. The relationships between the variables are non-linear, and the system is subject to feedback loops. The third is the fact that the system is not deterministic. The system is subject to random fluctuations, and the outcomes are uncertain. The fourth is the fact that the system is not isolated. The system is open to external influences, and the boundaries are fuzzy. The fifth is the fact that the system is not homogeneous. The system is composed of different parts, and the parts are not identical. The sixth is the fact that the system is not static. The system is in a state of constant change, and the variables are always moving. The seventh is the fact that the system is not simple. The system is complex, and the relationships between the variables are intricate. The eighth is the fact that the system is not predictable. The system is subject to uncertainty, and the outcomes are not certain. The ninth is the fact that the system is not controllable. The system is subject to external influences, and the outcomes are not under our control. The tenth is the fact that the system is not measurable. The system is subject to uncertainty, and the outcomes are not certain.

The first of these is the fact that the system is not in a steady state. The system is in a state of flux, and the variables are changing. This is a dynamic system, and the variables are interdependent. The second is the fact that the system is not linear. The relationships between the variables are non-linear, and the system is subject to feedback loops. The third is the fact that the system is not deterministic. The system is subject to random fluctuations, and the outcomes are uncertain. The fourth is the fact that the system is not isolated. The system is open to external influences, and the boundaries are fuzzy. The fifth is the fact that the system is not homogeneous. The system is composed of different parts, and the parts are not identical. The sixth is the fact that the system is not static. The system is in a state of constant change, and the variables are always moving. The seventh is the fact that the system is not simple. The system is complex, and the relationships between the variables are intricate. The eighth is the fact that the system is not predictable. The system is subject to uncertainty, and the outcomes are not certain. The ninth is the fact that the system is not controllable. The system is subject to external influences, and the outcomes are not under our control. The tenth is the fact that the system is not measurable. The system is subject to uncertainty, and the outcomes are not certain.

**From:** [Rainee Trevino](#)  
**To:** [fred.brandstrader@hyatt.com](mailto:fred.brandstrader@hyatt.com)  
**Cc:** [dougtune@gmail.com](mailto:dougtune@gmail.com)  
**Subject:** Application to Renew Permit No. WQ0014203001- Notice of Deficiency Letter  
**Date:** Monday, October 7, 2024 4:26:00 PM  
**Attachments:** [image001.png](#)  
[wq0014203001-nod1.pdf](#)  
[Municipal Disposal Renewal Spanish NORI.docx](#)

---

Dear Mr. Brandstrader,

The attached Notice of Deficiency letter sent on October 7, 2024, requests additional information needed to declare the application administratively complete. Please send the complete response to my attention by October 21, 2024

Best Regards,

**Rainee Trevino**

Water Quality Division | ARP Team

Texas Commission on Environmental Quality

512-239-4324



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



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

October 7, 2024

Mr. Fred Brandstrader  
Vice President and Capital Expenditures  
Hyatt Hotels Corporation  
150 North Riverside Plaza, Suite 906  
Chicago, Illinois 60606

RE: Application to Renew Permit No.: WQ0014203001  
Applicant Name: MRG ATX Holdings, LLC (CN603988023)  
Site Name: The Crossings WWTP (RN101920353)  
Type of Application: Renewal

### VIA EMAIL

Dear Mr. Brandstrader:

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

1. Core Data Form, Section I, Item 1:  
The application indicates a renewal application. Please correct Item 1 in Section I of the Core Data Form to reflect the same.
2. Core Data Form, Section II, Item 7:  
Please provide the Texas Secretary of State (TX SOS) Filing number.
3. Core Data Form, Section III, Item 39:  
To make changes to the Public Water Registration (PWS) for a different Regulated Entity (RN), please contact [pdws@tceq.texas.gov](mailto:pdws@tceq.texas.gov).
4. Core Date Form, Section V:  
Please provide an authorized signature of the individual listed.
5. Administrative Report 1.0, Section 8, Item D:  
The application indicates Spicewood Springs Branch Public Library as the public place where the application information will be available for viewing and copying. However, Spicewood Springs Branch Public Library is in Williamson County. The public place must be in the county in which the facility is located (Travis County). Please provide the name and physical address (post office box addresses are not acceptable) for a public place in Travis County.

6. Administrative Report 1.0, Section 9, Item B:  
The application indicates Miraval Austin as the name of the site. However, the current permit and the Core Data Form provided shows the site name as The Crossings Wastewater Treatment Plant. Please confirm and correct the name of the Site.
7. Plain Language Summary (PLS):  
The application indicates a bilingual education program is required by the Texas Education Code at the elementary or middle school nearest the facility. Therefore, a Plain Language Summary is required in the language required by the bilingual program indicated on the application.
8. 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.** MRG ATX Holdings, LLC, 13500 Farm-to-Market Road 2769, Austin, Texas 78726, has applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Land Application Permit (TLAP) No. WQ0014203001 to authorize the disposal of treated wastewater at a volume not to exceed a daily average flow of 27,000 gallons per day via public access subsurface drip irrigation system with a minimum of 6.3 acres. The domestic wastewater treatment facility and disposal area are located at 13500 Farm-to-Market Road 2769, in the city of Austin, in Travis County, Texas 78626. TCEQ received this application on October 2, 2024. The permit application will be available for viewing and copying "pending response", 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/tlap-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=-97.869444,30.442222&level=18>

Further information may also be obtained from MRG ATX Holdings, LLC at the address stated above or by calling Mr. Doug Tune, P.E., JDT Group, Inc., at 512-217-3398.

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

Please submit the complete response, addressed to my attention by October 21, 2024. If you should have any questions, please do not hesitate to contact me by phone at (512) 239-4324 or by email at [rainee.trevino@tceq.texas.gov](mailto:rainee.trevino@tceq.texas.gov)



Mr. Fred Brandstrader  
Page 3  
October 7, 2024  
Permit No. WQ0014203001

Sincerely,

A handwritten signature in cursive script that reads "Raine Trevino". The signature is written in dark ink and is positioned to the left of the printed name "Trevino".

Raine Trevino  
Applications Review and Processing Team (MC148)  
Water Quality Division  
Texas Commission of Environmental Quality

RT

Enclosure(s)

Municipal Disposal Renewal Spanish NORI

cc: Mr. Doug Tune, P.E., Engineer, JDT Group, Inc., 1170 Farm-to-Market Road 179, Hale Center,  
Texas 79041

## Erwin Madrid

---

**From:** Erwin Madrid  
**Sent:** Wednesday, October 23, 2024 11:38 AM  
**To:** fred.brandstrader@hyatt.com  
**Cc:** Raine Trevino; dougtune@gmail.com  
**Subject:** Application for Permit No. WQ0014203001 – Notice of Deficiency 30-Day Will Return Letter  
**Attachments:** WQ0014203001\_Will Return Ltr.pdf  
**Importance:** High

Dear applicant,

The attached Notice of Deficiency 30-Day Will Return Letter was mailed on **October 23, 2024**, requesting additional information needed to declare the application administratively complete. Please mail an original and two copies (with a cover letter) of the complete response by **November 22, 2024**.

Regards,

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



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

## Rainee Trevino

---

**From:** Rainee Trevino  
**Sent:** Friday, December 6, 2024 7:24 AM  
**To:** Doug Tune  
**Cc:** fred.brandstrader@hyatt.com  
**Subject:** WQ0014203001 NORI Spanish Error

**Importance:** High

Good morning,

I was advised that the Spanish NORI submitted has an error in the address. Currently the incorrect address shows as ***701 West Cesar Chavez Street*** whereas the correct address is ***710 West Cesar Chavez***. I believe someone spoke about this with our Office of Chief Clerk and asked if republishing would be required. Our Office of Legal Services recommends republishing the Spanish NORI, however, this is ultimately the applicant's decision. Please advise how you all would like to proceed.

Regards,

**Rainee Trevino**

Water Quality Division | ARP Team  
Texas Commission on Environmental Quality  
512-239-4324



## Rainee Trevino

---

**From:** Deba Dutta  
**Sent:** Wednesday, December 4, 2024 1:56 PM  
**To:** Rainee Trevino  
**Cc:** Deba Dutta; Garrison Layne; Erwin Madrid  
**Subject:** FW: Public Notice Proofs - Permit No. WQ0014203001  
**Attachments:** WQ0014203001.pdf

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

Hi Rainee,

The NORI issued by WQD contains an incorrect address for the public viewing location. In the English version, the address is **710** West Cesar Chavez Street, which is correct. Whereas in the Spanish version, the address is **701** West Cesar Chavez Street, which is incorrect. This led to the applicant publishing the incorrect address in El Mundo. The applicant asked OCC whether they will be required to republish the Spanish notice. Legal recommended to republish the Spanish NORI. They also said that the ultimate decision is on the applicant. Could you please communicate this information to the applicant?

Let me know if you have any additional questions.

Thanks.

*Deba Dutta*

Deba P. Dutta, P.E.  
Team Leader, Municipal Permits Team  
Wastewater Permitting Section  
Water Quality Division, TCEQ. MC-148  
12100 Park 35 Circle, Austin, Texas 78753  
Phone: 512-239-4608  
Email: [Deba.Dutta@tceq.texas.gov](mailto:Deba.Dutta@tceq.texas.gov)



How is our Customer Service? Fill out our online customer satisfactory survey at <https://www.tceq.texas.gov/customersurvey>

## Rainee Trevino

---

**From:** Kim Moore  
**Sent:** Wednesday, December 4, 2024 9:19 AM  
**To:** Erwin Madrid; Rainee Trevino  
**Cc:** Jennifer Cox  
**Subject:** RE: KA FW: NORI for Permit No. WQ0014203001, MRG ATX Holdings, LLC, Miraval Austin WWTP

Thank you. I appreciate your help.

---

**From:** Erwin Madrid <Erwin.Madrid@tceq.texas.gov>  
**Sent:** Wednesday, December 4, 2024 9:16 AM  
**To:** Rainee Trevino <Rainee.Trevino@tceq.texas.gov>; Kim Moore <Kim.Moore@tceq.texas.gov>  
**Cc:** Jennifer Cox <Jennifer.Cox@tceq.texas.gov>  
**Subject:** RE: KA FW: NORI for Permit No. WQ0014203001, MRG ATX Holdings, LLC, Miraval Austin WWTP

Thanks, Rainee.

Kim/Jennifer – does this resolve this issue?

Regards,

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



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

---

**From:** Rainee Trevino <[Rainee.Trevino@tceq.texas.gov](mailto:Rainee.Trevino@tceq.texas.gov)>  
**Sent:** Wednesday, December 4, 2024 9:15 AM  
**To:** Erwin Madrid <[Erwin.Madrid@tceq.texas.gov](mailto:Erwin.Madrid@tceq.texas.gov)>; Kim Moore <[Kim.Moore@tceq.texas.gov](mailto:Kim.Moore@tceq.texas.gov)>  
**Cc:** Jennifer Cox <[Jennifer.Cox@tceq.texas.gov](mailto:Jennifer.Cox@tceq.texas.gov)>  
**Subject:** RE: KA FW: NORI for Permit No. WQ0014203001, MRG ATX Holdings, LLC, Miraval Austin WWTP

Good morning,

The RN was changed from The Crossings WWTP to Miraval Austin WWTP.

The updated Contact Routing Sheets with the correct CN is attached.

Regards,

**Rainee Trevino**



---

**From:** Erwin Madrid <[Erwin.Madrid@tceq.texas.gov](mailto:Erwin.Madrid@tceq.texas.gov)>  
**Sent:** Monday, December 2, 2024 4:17 PM  
**To:** Kim Moore <[Kim.Moore@tceq.texas.gov](mailto:Kim.Moore@tceq.texas.gov)>  
**Cc:** Jennifer Cox <[Jennifer.Cox@tceq.texas.gov](mailto:Jennifer.Cox@tceq.texas.gov)>; Rainee Trevino <[Rainee.Trevino@tceq.texas.gov](mailto:Rainee.Trevino@tceq.texas.gov)>  
**Subject:** RE: KA FW: NORI for Permit No. WQ0014203001, MRG ATX Holdings, LLC, Miraval Austin WWTP

I see, it looks like the CN on the letter and routing sheets is incorrect. The CN should be listed as CN605299957. The RN is correct and should be listed as Miraval Austin WWTP, customer must have updated their RN name.

I am including the reviewer, Ms. Rainee Trevino to confirm.

Regards,

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



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

---

**From:** Kim Moore <[Kim.Moore@tceq.texas.gov](mailto:Kim.Moore@tceq.texas.gov)>  
**Sent:** Monday, December 2, 2024 4:12 PM  
**To:** Erwin Madrid <[Erwin.Madrid@tceq.texas.gov](mailto:Erwin.Madrid@tceq.texas.gov)>  
**Cc:** Jennifer Cox <[Jennifer.Cox@tceq.texas.gov](mailto:Jennifer.Cox@tceq.texas.gov)>  
**Subject:** RE: KA FW: NORI for Permit No. WQ0014203001, MRG ATX Holdings, LLC, Miraval Austin WWTP

Good Afternoon Erwin,  
Please look at the CID entry (see attached)  
Thank you,  
Kim

---

**From:** Erwin Madrid <[Erwin.Madrid@tceq.texas.gov](mailto:Erwin.Madrid@tceq.texas.gov)>  
**Sent:** Monday, December 2, 2024 4:08 PM  
**To:** Kim Moore <[Kim.Moore@tceq.texas.gov](mailto:Kim.Moore@tceq.texas.gov)>

**Cc:** Jennifer Cox <[Jennifer.Cox@tceq.texas.gov](mailto:Jennifer.Cox@tceq.texas.gov)>

**Subject:** RE: KA FW: NORI for Permit No. WQ0014203001, MRG ATX Holdings, LLC, Miraval Austin WWTP

Hi Kim,

Looking at our database, I don't see a transfer was needed. The permit has been under the ownership of MRG ATX Holdings, LLC (CN603988023). The facility name is listed as Miraval Austin WWTP (RN101920353).

Regards,

Erwin Madrid

Team Lead

ARP Team | Water Quality Division

512-239-2191

Texas Commission on Environmental Quality



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

---

**From:** Kim Moore <[Kim.Moore@tceq.texas.gov](mailto:Kim.Moore@tceq.texas.gov)>

**Sent:** Monday, December 2, 2024 3:51 PM

**To:** Erwin Madrid <[Erwin.Madrid@tceq.texas.gov](mailto:Erwin.Madrid@tceq.texas.gov)>

**Cc:** Jennifer Cox <[Jennifer.Cox@tceq.texas.gov](mailto:Jennifer.Cox@tceq.texas.gov)>

**Subject:** FW: KA FW: NORI for Permit No. WQ0014203001, MRG ATX Holdings, LLC, Miraval Austin WWTP

Good Afternoon Erwin,

Was there a Transfer of Name for this WQ Permit WQ0014203001.

According to the entries we made into CID based on CN and RN the name that comes up for the CN is GREEN TEA LLC and for the RN is THE CROSSINGS WWTP.

Everything else in this packet is good.

Please advise.

Thank you,

Kim

---

**From:** Raine Trevino <[Raine.Trevino@tceq.texas.gov](mailto:Raine.Trevino@tceq.texas.gov)>

**Sent:** Monday, November 4, 2024 11:38 AM

**To:** OCC-WQ <[OCC-WQ@tceq.texas.gov](mailto:OCC-WQ@tceq.texas.gov)>

**Cc:** WQITTEAM <[WQITTEAM@tceq.texas.gov](mailto:WQITTEAM@tceq.texas.gov)>

**Subject:** KA FW: NORI for Permit No. WQ0014203001, MRG ATX Holdings, LLC, Miraval Austin WWTP

**Raine Trevino**

Water Quality Division | ARP Team

Texas Commission on Environmental Quality

512-239-4324



---

**From:** Rainee Trevino

**Sent:** Monday, November 4, 2024 11:26 AM

**To:** Doug Tune <[dougtune@gmail.com](mailto:dougtune@gmail.com)>

**Subject:** NORI for Permit No. WQ0014203001, MRG ATX Holdings, LLC, Miraval Austin WWTP

Good morning,

Permit No. WQ0014203001

Applicants are required to publish the Notice of Receipt of Application and Intent to Obtain a Water Quality Permit within 30 days of the application being declared administratively complete.

Attached are:

- Letter of Declaration of Administrative Completeness
- Instructions of Public Notice
- Notice of Receipt of Application and Intent to Obtain a Water Quality Permit
- Affidavit of Publication
- Public Notice Verification Form
- Notice of Receipt of Application and Intent to Obtain a Water Quality Permit in Spanish (or other alternative) Language (*if applicable*)

**IMPORTANT:** You must enter the Applicant Name and Permit Number into the sections provided in the upper right portion of the Affidavit of Publication. The CID or CCO Number section does not need to be entered and is intended for internal use only.

Best Regards,

**Rainee Trevino**

Water Quality Division | ARP Team

Texas Commission on Environmental Quality

512-239-4324





# Comisión de Calidad Ambiental del Estado de Texas



## AVISO DE RECIBO DE LA SOLICITUD E INTENCION DE OBTENER PERMISO PARA LA CALIDAD DEL AGUA RENOVACION

PERMISO NO. WQ0014203001

**SOLICITUD.** MRG ATX Holdings, LLC, 13500 Farm-to-Market Road 769, Austin, Texas, 78726, ha solicitado a la Comisión de Calidad Ambiental de Texas (TCEQ) para renovar el Permiso No. WQ0014203001 de disposición de aguas residuales para autorizar la disposición de aguas residuales tratadas en un volumen que no sobrepasa un flujo promedio diario de 27,000 galones por día por medio de public access subsurface drip irrigation system with a minimum of 6.3 acres. La planta de tratamiento de aguas domésticos residuales y el área de disposición están ubicados en at 13500 Farm-to-Market Road 2769, in the city of Austin, in Travis County, Texas 78626 en el Condado de Travis, Texas. La TCEQ recibió esta solicitud el día on October 2, 2024. La solicitud para el permiso estará disponible para leerla y copiarla en 701 West Cesar Chavez, Austin, Texas 78701 antes de la fecha de publicación de este aviso en el periódico. Este enlace a un mapa electrónico de la ubicación general del sitio o de la instalación es proporcionado como una cortesía y no es parte de la solicitud o del aviso. Para la ubicación exacta, consulte la solicitud.:

<https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tlap-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 todos los comentarios públicos esenciales, pertinentes, o significativos. **A menos que la solicitud haya sido referida directamente a una audiencia administrativa de lo contencioso, la respuesta a los comentarios y la decisión del Director Ejecutivo sobre la solicitud serán enviados por correo a todos los que presentaron un comentario público y a las personas que están en la lista para recibir avisos sobre esta solicitud. Si se reciben comentarios, el aviso también proveerá instrucciones para pedir una reconsideración de la decisión del Director Ejecutivo y para pedir una audiencia administrativa de lo contencioso.** Una audiencia administrativa de lo contencioso es un procedimiento legal similar a un procedimiento legal civil en un tribunal de distrito del estado.

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

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

Si ciertos criterios se cumplen, la TCEQ puede actuar sobre una solicitud para renovar un permiso sin proveer una oportunidad de una audiencia administrativa de lo contencioso.

**LISTA DE CORREO.** Si somete comentarios públicos, un pedido para una audiencia administrativa de lo contencioso o una reconsideración de la decisión del Director Ejecutivo, la Oficina del Secretario Principal enviará por correo los avisos públicos en relación con la solicitud. 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 de el solicitante indicado por nombre y número del permiso específico y/o (2) la

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

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

También se puede obtener información adicional del MRG ATX Holdings, LLC a la dirección indicada arriba o llamando a Mr. Doug Tune, P.E., JDT Group, Inc., al 512-217-3398.

Fecha de emisión 4 de noviembre de 2024

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



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

November 4, 2024

Mr. Doug Tune, P.E.  
Engineer  
JDT Group, Inc.  
1170 Farm-to-Market Road 179  
Hale Center, Texas 79041

RE: Declaration of Administrative Completeness  
Applicant Name: MRG ATX Holdings, LLC (CN603988023)  
Permit No.: WQ0014203001  
Site Name: Miraval Austin WWTP (RN101920353)  
Type of Application: Renewal

Dear Mr. Tune:

The executive director has declared the above referenced application, received on October 2, 2024 administratively complete on November 4, 2024.

You are now required to publish notice of your proposed activity and make a copy of the application available for public review. The following items are included to help you meet the regulatory requirements associated with this notice:

- Instructions for Public Notice
- Notice for Newspaper Publication
- Public Notice Verification Form
- Publisher's Affidavits

You must follow all the directions in the enclosed instructions. The most common mistakes are the unauthorized changing of notice, wording, or font. If you fail to follow these instructions, you may be required to republish the notices.

The following requirements are also described in the enclosed instructions. However, due to their importance, they are highlighted here as well.

1. Publish the enclosed notice within **30 calendar days** after your application is declared administratively complete. (See this letter's first paragraph for the declaration date.) **You may be required to publish the notice in more than one newspaper, including a newspaper published in an alternative language, to satisfy all of the notice requirements.**
2. On or before the date you publish notice, place a copy of your permit application in a public place in the county where the facility is or will be located. This copy must be accessible to the public for review and copying, must be updated to reflect changes to the application, and must remain in place throughout the comment period.

3. For each publication, submit proof of publication of the notice that shows the publication date and newspaper name to the Office of the Chief Clerk within **30 calendar days** after notice is published in the newspaper.
4. Return the original enclosed Public Notice Verification and the Publisher's Affidavits to the Office of the Chief Clerk within **30 calendar days** after the notice is published in the newspaper.

If you do not comply with **all** the requirements described in the instructions, further processing of your application may be suspended, or the agency may take other actions.

If you have any questions regarding publication requirements, please contact the Office of Legal Services at (512) 239-0600. If you have any questions regarding the content of the notice, please contact Raine Trevino at (512) 239-4324 or [raine.trevino@tceq.texas.gov](mailto:raine.trevino@tceq.texas.gov).

Sincerely,



Jennifer E. Bowers  
Section Manager, Water Quality Division Support  
Office of Water  
Texas Commission of Environmental Quality

JEB/RT

Enclosures



austin central library



Sign in

All Images Maps News Forums Videos Shopping More

Tools

Results for **Austin, TX** · [Choose area](#)



Austin Public Library (.gov)

<http://library.austintexas.gov> · [central-library](#)

## Central Library | Austin Public Library

The **Austin Central Library** features two levels of underground parking with 140 public parking spaces. The entrance is on West Avenue.



Austin Public Library (.gov)

<http://library.austintexas.gov>

## Austin Public Library

My Account Holds, renewals, fines · Virtual **Library** eBooks and streaming media · **Library** Card Sign Up & Renew Now · Meeting Rooms Reserve a Space ...

[Locations & Hours](#) · [Get a Library Card](#) · [Central Library Event Spaces](#) · [Events](#)



Lake Flato

<https://www.lakeflato.com> · [civiccultural](#) · [austin-centr...](#)

## Austin Central Library

The facility is based on flexible, blended spaces including indoor collections and reading rooms, outdoor reading porches, maker spaces, technology center, café ...

## People also ask

Is parking free at Austin library?

Can you eat at the Austin library?

How much did Austin Central Library cost?

Which president has a library in Austin?

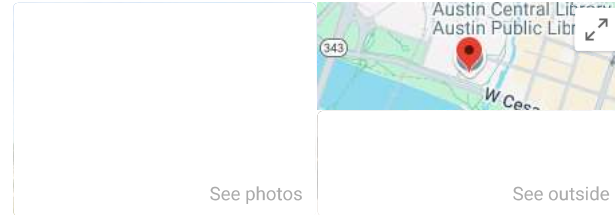
Feedback



Time Magazine

<https://time.com> · [worlds-greatest-places-2018](#) · [austin-...](#)

## Austin Central Library Is One of the World's Greatest Places



## Austin Central Library, Austin Public Library

4.7

[1,215 Google reviews](#)

Public library in Austin, Texas



Website



Directions



Save



Share



Call

6-floor library with modern architecture & high-tech amenities, plus a roof garden, a cafe & a shop.

**Address:** 710 W Cesar Chavez St, Austin, TX 78701

**Hours: Monday 9 AM–8 PM**

Tuesday 9 AM–8 PM

Wednesday 9 AM–8 PM

Thursday 9 AM–8 PM

Friday 9 AM–5 PM

Saturday 10 AM–5 PM

Sunday 12–5 PM

[Suggest new hours](#)

**Phone:** (512) 974-7400

[Suggest an edit](#)

## Popular times

MON

TUE

WED

THU

FRI

SAT

SUN



Live: Not too busy


**TEXAS SECRETARY of STATE**  
**JANE NELSON**

**BUSINESS ORGANIZATIONS INQUIRY - VIEW ENTITY**

<b>Filing Number:</b>	802583163	<b>Entity Type:</b>	Foreign Limited Liability Company (LLC)
<b>Original Date of Filing:</b>	November 14, 2016	<b>Entity Status:</b>	In existence
<b>Formation Date:</b>	N/A		
<b>Tax ID:</b>	32062068435	<b>FEIN:</b>	
<b>Name:</b>	MRG ATX Holdings, LLC		
<b>Address:</b>	150 N. Riverside Plaza, 14th Floor Chicago, IL 60606 USA		
<b>Fictitious Name:</b>	N/A		
<b>Jurisdiction:</b>	DE, USA		
<b>Foreign Formation Date:</b>	September 23, 2016		

<a href="#">REGISTERED AGENT</a>	<a href="#">FILING HISTORY</a>	<a href="#">NAMES</a>	<a href="#">MANAGEMENT</a>	<a href="#">ASSUMED NAMES</a>	<a href="#">ASSOCIATED ENTITIES</a>	<a href="#">INITIAL ADDRESS</a>
<b>Name</b> Corporation Service Company dba CSC - Lawyers Incorporating Service Company			<b>Address</b> 211 E. 7th Street, Suite 620 Austin, TX 78701-3218 USA		<b>Inactive Date</b>	

Instructions:

 To place an order for additional information about a filing press the 'Order' button.



## Franchise Tax Account Status

As of : 10/04/2024 13:09:19

This summary page is designed to satisfy standard business needs. If you need to reinstate or terminate a business with the Texas Secretary of State, you must obtain a certificate specific to that purpose.

MRG ATX HOLDINGS, LLC	
Texas Taxpayer Number	32062068435
Mailing Address	13500 FM 2769 AUSTIN, TX 78726-2003
 Right to Transact Business in Texas	ACTIVE
State of Formation	DE
SOS Registration Status (SOS status updated each business day)	ACTIVE
Effective SOS Registration Date	11/14/2016
Texas SOS File Number	0802583163
Registered Agent Name	CORPORATION SERVICE COMPANY DBA CSC - LAWYERS INCO
Registered Office Street Address	211 E. 7TH STREET, SUITE 620 AUSTIN, TX 78701



[ZIP Code™ by Address \(/zip-code-lookup.htm?byaddress\)](https://www.usps.com/zip-code-lookup.htm?byaddress)

[ZIP Code™ by City and State \(/zip-code-lookup.htm?bycitystate\)](https://www.usps.com/zip-code-lookup.htm?bycitystate)

[Cities by ZIP Code™ \(/zip-code-lookup.htm?citybyzipcode\)](https://www.usps.com/zip-code-lookup.htm?citybyzipcode)

[FAQs \(https://www.usps.com/zip-code-lookup.htm?citybyzipcode\)](https://www.usps.com/zip-code-lookup.htm?citybyzipcode)

# Look Up a ZIP Code™

Go to

## ZIP Code™ by Address

**You entered:**  
MRG ATX HOLDINGS, LLC  
13500 FM 2769  
AUSTIN TX  
78726

**Disclaimer:** USPS® cannot guarantee that the address shown here is the actual location of the business. Please verify the address before sending your mail. If more than one address matches the information provided, try narrowing your search by entering a street address and, if applicable, a unit number. **Edit and search again.** ([zip-code-lookup.htm?byaddress](https://www.usps.com/zip-code-lookup.htm?byaddress))

Feedback

MRG ATX HOLDINGS, LLC  
13500 FM 2769  
AUSTIN TX **78726-2003**

CARRIER ROUTE	R078
COUNTY	TRAVIS
DELIVERY POINT CODE	00
CHECK DIGIT	5
COMMERCIAL MAIL RECEIVING AGENCY	N
LAC™	-
eLOT™	0222
eLOT ASCENDING/DESCENDING INDICATOR	A

RECORD TYPE CODE	S
PMB DESIGNATOR	-
PMB NUMBER	-
DEFAULT FLAG	-
EWS FLAG	-
DPV CONFIRMATION INDICATOR	Y

**Look Up Another ZIP Code™**

**Edit and Search Again (</zip-code-lookup.htm?byaddress>)**

# Look Up a ZIP Code™

Go to

## ZIP Code™ by Address

**You entered:**  
JDT GROUP, INC.  
1170 FM 179  
HALE CENTER TX  
79041

**Disclaimer:** USPS® cannot guarantee that the address shown here is the actual location of the business. Please verify the address before sending your mail. If more than one address matches the information provided, try narrowing your search by entering a street address and, if applicable, a unit number. **Edit and search again.** ([zip-code-lookup.htm?byaddress](#))

Feedback

JDT GROUP, INC.  
1170 FM 179  
HALE CENTER TX **79041-3754**

CARRIER ROUTE	R022
COUNTY	HALE
DELIVERY POINT CODE	70
CHECK DIGIT	3
COMMERCIAL MAIL RECEIVING AGENCY	N
LAC™	-
eLOT™	0086
eLOT ASCENDING/DESCENDING INDICATOR	A

RECORD TYPE CODE	S
PMB DESIGNATOR	-
PMB NUMBER	-
DEFAULT FLAG	-
EWS FLAG	-
DPV CONFIRMATION INDICATOR	Y

**Look Up Another ZIP Code™**

**Edit and Search Again (</zip-code-lookup.htm?byaddress>)**

# Look Up a ZIP Code™

Go to

## ZIP Code™ by Address

**You entered:**  
HYATT HOTELS CORPORATION  
150 NORTH RIVERSIDE PLAZA SUITE 906  
CHICAGO IL  
60606

**Disclaimer:** USPS® cannot guarantee that the address shown here is the actual location of the business. Please verify the address before sending your mail. If more than one address matches the information provided, try narrowing your search by entering a street address and, if applicable, a unit number. **Edit and search again.** ([zip-code-lookup.htm?byaddress](#))

Feedback

HYATT HOTELS CORPORATION  
150 N RIVERSIDE PLZ STE 906  
CHICAGO IL **60606-1509**

CARRIER ROUTE	C101
COUNTY	COOK
DELIVERY POINT CODE	31
CHECK DIGIT	3
COMMERCIAL MAIL RECEIVING AGENCY	N
LAC™	-
eLOT™	0018
eLOT ASCENDING/DESCENDING INDICATOR	A

RECORD TYPE CODE	H
PMB DESIGNATOR	-
PMB NUMBER	-
DEFAULT FLAG	-
EWS FLAG	-
DPV CONFIRMATION INDICATOR	S

**Look Up Another ZIP Code™**

**Edit and Search Again (</zip-code-lookup.htm?byaddress>)**

[ZIP Code™ by Address \(/zip-code-lookup.htm?byaddress\)](#)

[ZIP Code™ by City and State \(/zip-code-lookup.htm?bycitystate\)](#)

[Cities by ZIP Code™ \(/zip-code-lookup.htm?citybyzipcode\)](#)

[FAQs \(https://www.usps.gov/faq.htm\)](#)

# Look Up a ZIP Code™ FAQs

Go to

## ZIP Code™ by Address

**You entered:**  
WASTE WATER SOLUTIONS  
9217 HWY. 290 WEST SUITE 100  
AUSTIN TX  
78736

**Disclaimer:** USPS® cannot guarantee that the address shown here is the actual location of the business. Please verify the address before sending your mail. If more than one address matches the information provided, try narrowing your search by entering a street address and, if applicable, a unit number. **Edit and search again.** ([zip-code-lookup.htm?byaddress](#))

Feedback

WASTE WATER SOLUTIONS  
9217 HIGHWAY 290 W STE 100  
AUSTIN TX **78736-7842**

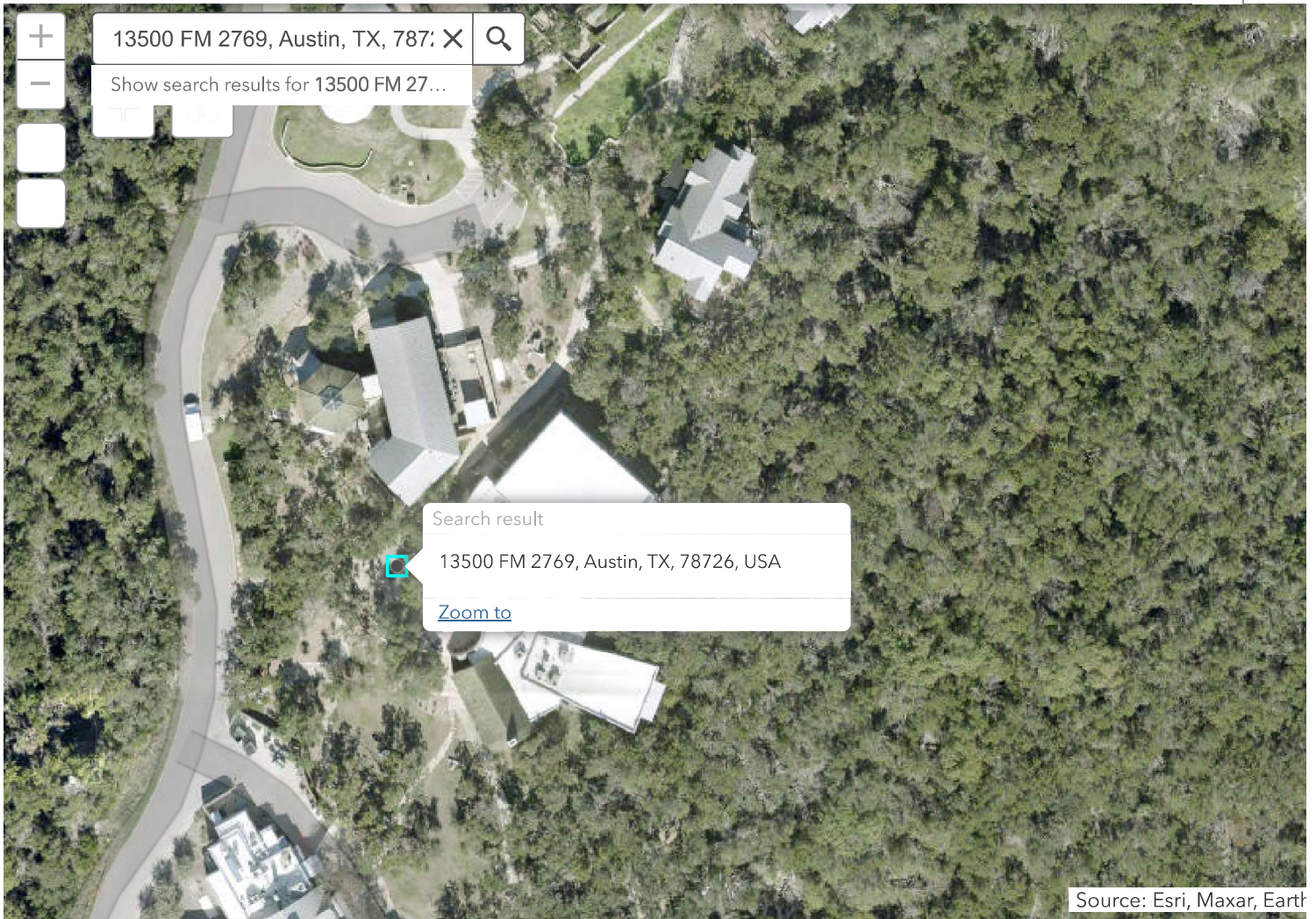
CARRIER ROUTE	R016
COUNTY	TRAVIS
DELIVERY POINT CODE	25
CHECK DIGIT	1
COMMERCIAL MAIL RECEIVING AGENCY	N
LAC™	-
eLOT™	0344
eLOT ASCENDING/DESCENDING INDICATOR	A

RECORD TYPE CODE	H
PMB DESIGNATOR	-
PMB NUMBER	-
DEFAULT FLAG	-
EWS FLAG	-
DPV CONFIRMATION INDICATOR	Y

**Look Up Another ZIP Code™**

**Edit and Search Again (</zip-code-lookup.htm?byaddress>)**







Basis 2 A/R Outstanding Past Due Transactions Detail Report By Customer Name

OCT-04-24 06:30 AM

Customer Name: MR. AND MRS. A. C. DURIVAGE

Account #: 22002119

Debtcollpath Stage:

Calls: HOLD

RGR	RGR0052603	ASSESSMENT CHARGE	FY21	2428-000	31-OCT-20	30-NOV-20	\$50.00
RGR	RGR0055409	AWR CHARGE	AF	FY22	2428-000	31-OCT-21	\$0.19
RGR	RGR0055408	ASSESSMENT CHARGE	FY22	2428-000	31-OCT-21	30-NOV-21	\$50.00
RGR	RGR0058220	ASSESSMENT CHARGE	FY23	2428-000	31-OCT-22	30-NOV-22	\$50.00
RGR	RGR0058221	AWR CHARGE	AF	FY23	2428-000	31-OCT-22	\$0.21
RGR	RGR0061048	AWR CHARGE	AF	FY24	2428-000	31-OCT-23	\$0.24
RGR	RGR0061047	ASSESSMENT CHARGE	FY24	2428-000	31-OCT-23	30-NOV-23	\$50.00

Total of delinquent transactions (Account): \$803.04

Total of delinquent transactions (Customer): \$803.04

Customer Name: MR. G. SCRAP TIRES

Account #: 0704455

Debtcollpath Stage: UNCOL:EXHAUST

Calls: MAIL

TTR	OBAL	Opening balance from previous		31-AUG-95	30-SEP-95	\$25.00
-----	------	-------------------------------	--	-----------	-----------	---------

Total of delinquent transactions (Account): \$25.00

Total of delinquent transactions (Customer): \$25.00

Customer Name: MR. STEVE MCCANN

Account #: 0901976

Debtcollpath Stage:

Calls: NAMECHNG,CLOSED

VCP	VCP0021804	VOL CLEANUP FEB07	FY07Q	340090	30-APR-07	31-MAY-07	\$284.00
-----	------------	-------------------	-------	--------	-----------	-----------	----------

Total of delinquent transactions (Account): \$284.00

Total of delinquent transactions (Customer): \$284.00

Customer Name: MRK VENTURES INC

Account #: 0065866U

Debtcollpath Stage:

Calls: MAIL

UST	UST0700982	U'GROUND TANK FEE TANKS:FY06	0000039225	30-SEP-06	31-OCT-06	\$200.00
UST	SC2703-001	LATE FEE FOR UST0700982	0000039225	10-NOV-06	10-DEC-06	\$10.00
UST	SC2704-001	LATE FEE FOR UST0700982	0000039225	11-DEC-06	11-JAN-07	\$10.00
UST	SC2705-001	LATE FEE FOR UST0700982	0000039225	11-JAN-07	11-FEB-07	\$1.54
UST	SC2706-001	LATE FEE FOR UST0700982	0000039225	12-FEB-07	12-MAR-07	\$1.54
UST	SC2707-001	LATE FEE FOR UST0700982	0000039225	13-MAR-07	13-APR-07	\$1.54
UST	SC2708-001	LATE FEE FOR UST0700982	0000039225	11-APR-07	11-MAY-07	\$1.54
UST	SC2709-001	LATE FEE FOR UST0700982	0000039225	10-MAY-07	10-JUN-07	\$1.54
UST	SC2710-001	LATE FEE FOR UST0700982	0000039225	11-JUN-07	11-JUL-07	\$1.54
UST	SC2711-001	LATE FEE FOR UST0700982	0000039225	10-JUL-07	10-AUG-07	\$1.54
UST	SC2712-001	LATE FEE FOR UST0700982	0000039225	10-AUG-07	10-SEP-07	\$1.54
UST	SC2801-001	LATE FEE FOR UST0700982	0000039225	10-SEP-07	10-OCT-07	\$1.54
UST	SC2802-001	LATE FEE FOR UST0700982	0000039225	10-OCT-07	10-NOV-07	\$1.54
UST	SC2803-001	LATE FEE FOR UST0700982	0000039225	09-NOV-07	09-DEC-07	\$1.54
UST	SC2804-001	LATE FEE FOR UST0700982	0000039225	10-DEC-07	10-JAN-08	\$1.54
UST	SC2805-001	LATE FEE FOR UST0700982	0000039225	10-JAN-08	10-FEB-08	\$1.37
UST	SC2806-001	LATE FEE FOR UST0700982	0000039225	11-FEB-08	11-MAR-08	\$1.37
UST	SC2807-001	LATE FEE FOR UST0700982	0000039225	10-MAR-08	10-APR-08	\$1.37
UST	SC2808-001	LATE FEE FOR UST0700982	0000039225	10-APR-08	10-MAY-08	\$1.37
UST	SC2809-001	LATE FEE FOR UST0700982	0000039225	12-MAY-08	12-JUN-08	\$1.37
UST	SC2810-001	LATE FEE FOR UST0700982	0000039225	11-JUN-08	11-JUL-08	\$1.37
UST	SC2811-001	LATE FEE FOR UST0700982	0000039225	10-JUL-08	10-AUG-08	\$1.37

Total of delinquent transactions (Account): \$248.07

Total of delinquent transactions (Customer): \$248.07

Customer Name: MRMIMS,PARIS,A

Account #: 22002255

Debtcollpath Stage: UNCOL:EXHAUST

Calls:

RGR	RGRBLFWD01	RG BAL FORWARD	FY01	0000001524	01-NOV-02	01-DEC-02	\$1116.38
-----	------------	----------------	------	------------	-----------	-----------	-----------

Total of delinquent transactions (Account): \$1116.38

Total of delinquent transactions (Customer): \$1116.38



## Water Quality Receipt Report

OCT-03-24 09:00 PM

### Paid In By: HWY 205 FARM LTD

<u>Acct.Name</u>	<u>Fee</u>	<u>Endorse. #</u>	<u>Ref#2</u>	<u>PayTyp</u>	<u>Check#</u>	<u>Card#</u>	<u>Tran.Date</u>	<u>Rec.Amnt</u>
WATER QUALITY	WQP	M306551A		CK	1007		14-DEC-22	-\$2000.00
PERMIT APPLICATION								
NOTICE FEES WQP	PTGQ	M306551B		CK	1007		14-DEC-22	-\$50.00
WATER QUALITY PMT								

### Paid In By: HYATT SHARED SERVICE CENTER

<u>Acct.Name</u>	<u>Fee</u>	<u>Endorse. #</u>	<u>Ref#2</u>	<u>PayTyp</u>	<u>Check#</u>	<u>Card#</u>	<u>Tran.Date</u>	<u>Rec.Amnt</u>
WATER QUALITY	WQP	M418082A	14203001	CK	951400012		10-JUN-24	-\$300.00
PERMIT APPLICATION					4			
NOTICE FEES WQP	PTGQ	M418082B	14203001	CK	951400012		10-JUN-24	-\$15.00
WATER QUALITY PMT					4			

### Paid In By: IDS ENGINEERING GROUP

<u>Acct.Name</u>	<u>Fee</u>	<u>Endorse. #</u>	<u>Ref#2</u>	<u>PayTyp</u>	<u>Check#</u>	<u>Card#</u>	<u>Tran.Date</u>	<u>Rec.Amnt</u>
WATER QUALITY	WQP	M319860A	14991001	CK	218865		21-AUG-23	-\$1600.00
PERMIT APPLICATION								
NOTICE FEES WQP	PTGQ	M319860B	14881001	CK	218865		21-AUG-23	-\$15.00
WATER QUALITY PMT								

## Rainee Trevino

---

**From:** Doug Tune <doug tune@gmail.com>  
**Sent:** Saturday, October 19, 2024 8:54 PM  
**To:** Rainee Trevino  
**Cc:** fred.brandstrader@hyatt.com  
**Subject:** Re: Application to Renew Permit No. WQ0014203001- Notice of Deficiency Letter  
**Attachments:** Draft response to TCEQ comments to Miraval Austin WWTP Permit renewal 10-19-2024.pdf

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

**Categories:** 30 Day

Hi Ms Trevino,

We combined the response to both the administrative and technical comments in the attached response. Please contact us if you have questions or comments.

Doug Tune, PE  
President  
JDT Group, Inc.  
Water and Wastewater Engineering  
Cell 512-217-3398  
Texas Professional Engineers Board Firm Number 19943

----- Forwarded message -----

**From:** Rainee Trevino <[Rainee.Trevino@tceq.texas.gov](mailto:Rainee.Trevino@tceq.texas.gov)>  
**Date:** Mon, Oct 7, 2024 at 1:26 PM  
**Subject:** Application to Renew Permit No. WQ0014203001- Notice of Deficiency Letter  
**To:** [fred.brandstrader@hyatt.com](mailto:fred.brandstrader@hyatt.com) <[fred.brandstrader@hyatt.com](mailto:fred.brandstrader@hyatt.com)>  
**Cc:** [doug tune@gmail.com](mailto:doug tune@gmail.com) <[doug tune@gmail.com](mailto:doug tune@gmail.com)>

Dear Mr. Brandstrader,

The attached Notice of Deficiency letter sent on October 7, 2024, requests additional information needed to declare the application administratively complete. Please send the complete response to my attention by October 21, 2024

Best Regards,

**Rainee Trevino**

Water Quality Division | ARP Team

Texas Commission on Environmental Quality

512-239-4324



## Rainee Trevino

---

**From:** Doug Tune <dougtune@gmail.com>  
**Sent:** Sunday, October 27, 2024 7:28 PM  
**To:** Rainee Trevino  
**Cc:** Erwin Madrid; Brandstrader, Fred (CHICO)  
**Subject:** Re: Automatic reply: Application for Permit No. WQ0014203001 - Notice of Deficiency 30-Day Will Return Letter  
**Attachments:** image001.png; 3- language page 7 admin form 20972 ver2.docx

Hello,  
Please find the revised PLS in Spanish and English.

On Fri, Oct 25, 2024, 11:54 AM Rainee Trevino <[Rainee.Trevino@tceq.texas.gov](mailto:Rainee.Trevino@tceq.texas.gov)> wrote:

Good morning, Doug,

I apologize for the issues with phones. Sometimes the reception isn't great. We can continue to communicate via email if you prefer.

I did receive for the updated library information for the public viewing location and the English PLS. Thank you. However, in the PLS, the reference to the site name as "*The Crossings WWTP*" is incorrect per your previous response indicating the site name should be changed to "*Miraval Austin WWTP*". Please submit an updated PLS in English and the Spanish PLS.

I have attached the PLS template from our website that includes the Spanish template as well. Please let me know if you continue to have issues opening the template.

Best Regards,

**Rainee Trevino**

Water Quality Division | ARP Team

Texas Commission on Environmental Quality

512-239-4324



## Rainee Trevino

---

**From:** dougtune@gmail.com  
**Sent:** Friday, October 25, 2024 6:04 AM  
**To:** Rainee Trevino; Erwin Madrid  
**Cc:** dougtune@gmail.com  
**Subject:** RE: Application for Permit No. WQ0014203001 - Notice of Deficiency 30-Day Will Return Letter  
**Attachments:** library.pdf; 3- language page 7 admin form 20972 revised 10-24-24.docx  
**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Hello,

The attached PLS we downloaded directly from TCEQ appears to be corrupted and it will not let us edit the Spanish section . Please tell us how to correct this so we can edit it, preferably by emailing us a copy back that we can edit. The revised page of application with new Library information is also attached

*Doug Tune, PE*  
*President*  
*JDT Group, Inc.*  
Civil Engineering and Consulting  
*Texas Registered Engineering Firm F- 19943*  
*(512) 217-3398*

---

**From:** Rainee Trevino <Rainee.Trevino@tceq.texas.gov>  
**Sent:** Thursday, October 24, 2024 9:12 AM  
**To:** Brandstrader, Fred (CHICO) <fred.brandstrader@hyatt.com>; Erwin Madrid <Erwin.Madrid@tceq.texas.gov>  
**Cc:** dougtune@gmail.com  
**Subject:** RE: Application for Permit No. WQ0014203001 – Notice of Deficiency 30-Day Will Return Letter

Good morning,

I have called Doug back and left a voicemail this morning.

In the original response received on 10/19/24, the Plain Language Summary (PLS) in Spanish and the updated library information for the public notice viewing were not provided in the attachment. The Spanish NORI will need to be sent in a Word document. These are the only items pending currently. I have attached the response for reference.

Please give me a call for any questions.

Respectfully,

**Rainee Trevino**  
Water Quality Division | ARP Team  
Texas Commission on Environmental Quality  
512-239-4324

# JDT Group, Inc

1170 FM 179

Hale Center, TX 79041

**Firm Name: JDT Group, Inc.**  
**TBPE Firm Number: 19943**

**Email: [doug.tune@gmail.com](mailto:doug.tune@gmail.com)**  
**Phone: (512) 217-3398**

---

Date: October 19, 2024

RE: RE: Application to Renew Permit No.: WQ0014203001 Applicant Name: MRG ATX Holdings, LLC (CN603988023) Site Name: The Crossings WWTP (RN101920353)  
Type of Application: Renewal

Ms. Raine Trevino  
(512) 239-4324

[raine.trevino@tceq.texas.gov](mailto:raine.trevino@tceq.texas.gov)

Applications Review and Processing Team (MC 148)  
Texas Commission on Environmental Quality  
P.O. Box 13087  
Austin, TX 78711-3087

Dear Ms. Trevino,

Your team submitted administrative comments in an email/ letter dated March 10, 2024. Please find those comments below followed by our responses to your administrative comments email/ letter dated March 10, 2024:

1. Core Data Form, Section I, Item 1:  
The application indicates a renewal application. Please correct Item 1 in Section I of the Core Data Form to reflect the same.

*Response: We changed the type of application to renewal. See attached.*

2. Core Data Form, Section II, Item 7:



Please provide the Texas Secretary of State (TX SOS) Filing number.

Response: Completed. See revised core data form.

3. Core Data Form, Section III, Item 39:  
To make changes to the Public Water Registration (PWS) for a different Regulated Entity (RN), please contact [pdws@tceq.texas.gov](mailto:pdws@tceq.texas.gov).

Response: No changes needed. This is correct RN for the WWTP

4. Core Date Form, Section V:  
Please provide an authorized signature of the individual listed.

Response: Completed. See revised core data form.

5. Administrative Report 1.0, Section 8, Item D:  
The application indicates Spicewood Springs Branch Public Library as the public place where the application information will be available for viewing and copying. However, Spicewood Springs Branch Public Library is in Williamson County. The public place must be in the county in which the facility is located (Travis County). Please provide the name and physical address (post office box addresses are not acceptable) for a public place in Travis County.

Response: The new library information is provided on the attached revised sheet

6. Administrative Report 1.0, Section 9, Item B:  
The application indicates Miraval Austin as the name of the site. However, the current permit and the Core Data Form provided shows the site name as The Crossings Wastewater Treatment Plant. Please confirm and correct the name of the Site.

Response: The correct name of the site is Miraval Austin. Miraval Austin was known as the Crossings when it was first built. Any existing references to the Crossings should be deleted. The wastewater treatment plant should be named "Miraval Austin Wastewater Treatment Plant". We corrected facility name is reflected in the revised core data form and in the application (see revised Administrative Report 1.0, Section 9, Item B attachment).

7. Plain Language Summary (PLS):  
The application indicates a bilingual education program is required by the Texas Education Code at the elementary or middle school nearest the facility. Therefore, a Plain Language Summary is required in the language required by the bilingual program indicated on the application.

Response: Completed. See attached.

8. 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.** MRG ATX Holdings, LLC, 13500 Farm-to-Market Road 2769, Austin, Texas 78726, has applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Land Application Permit (TLAP) No.

WQ0014203001 to authorize the disposal of treated wastewater at a volume not to exceed a daily average flow of 27,000 gallons per day via public access subsurface drip irrigation system with a minimum of 6.3 acres. The domestic wastewater treatment facility and disposal area are located at 13500 Farm-to-Market Road 2769, in the city of Austin, in Travis County, Texas 78626. TCEQ received this application on October 2, 2024.

The permit application will be available for viewing and copying “pending response”, 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/tlap-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=-97.869444,30.442222&level=18>

Further information may also be obtained from MRG ATX Holdings, LLC at the address stated above or by calling Mr. Doug Tune, P.E., JDT Group, Inc., at 512-217-3398.

Response: This NORI data appears to be correct.

9. 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.

Response: Completed. See attached.

The TCEQ technical team submitted comments in an email/ letter dated October 9, 2024. Please find the Technical Teams comments below followed by our responses

1. Domestic Worksheet 3.0, Section 2, Land Application Site(s) – The submitted crop type and land use does not match the currently authorized crops in the permit (native vegetation, ashe juniper, live oak). Please update to match the current authorization.

Response: Completed. See attached

2. Domestic Worksheet 3.0, Section 5, Annual Cropping Plan: Please submit a cropping plan answering each of the listed bullets. If not applicable, please state so.

Response: Corrected sheet attached. The Domestic Worksheet 3.0, Section 5, Annual Cropping Plan is not applicable since the irrigation site consists of native vegetation. Site consists of native vegetation. Please remove Attachment 7-Annual Cropping Plan from the application

3. Domestic Worksheet 3.0, Section 8.A, Soil Map: Please submit a USDA Soil Survey map depicting the actual application areas instead of the entire property.

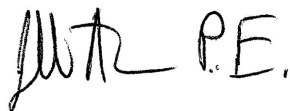
Completed. See attached

4. Domestic Worksheet 3.0, Section 8, Table 3.0(4) Soil Data: Please complete this table at its entirety.

Response: A detailed soil report is provided since data for the items requested in Table 3 are not available from other sources. Corrected Domestic Worksheet 3.0, Section 8, Table 3.0(4) Soil Data referencing the soils report is attached

Please contact us if you have questions or we can provide further information.

Doug Tune, P.E.

 P.E.



# TCEQ Core Data Form

TCEQ Use Only

For detailed instructions regarding completion of 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.) <input type="checkbox"/> New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
<input checked="" type="checkbox"/> Renewal (Core Data Form should be submitted with the renewal form)		<input type="checkbox"/> Other
2. Customer Reference Number (if issued)	<a href="#">Follow this link to search for CN or RN numbers in Central Registry**</a>	3. Regulated Entity Reference Number (if issued)
CN 605299957		RN 101920353

## SECTION II: Customer Information

4. General Customer Information	5. Effective Date for Customer Information Updates (mm/dd/yyyy)	04/15/2018	
<input type="checkbox"/> New Customer <input checked="" type="checkbox"/> Update to Customer Information <input type="checkbox"/> Change in Regulated Entity Ownership <input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)			
<b>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).</b>			
6. Customer Legal Name (If an individual, print last name first: e.g.: Doe, John)		If new Customer, enter previous Customer below:	
MRG ATX HOLDINGS, 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)
802583163	32062068435	112438769	na
11. Type of Customer:	<input type="checkbox"/> Corporation	<input type="checkbox"/> Individual	Partnership: <input type="checkbox"/> General <input type="checkbox"/> Limited
Government: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> Other	<input type="checkbox"/> Sole Proprietorship	<input checked="" type="checkbox"/> Other: LLC	
12. Number of Employees <input checked="" type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher		13. Independently Owned and Operated? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
14. Customer Role (Proposed or Actual) - as it relates to the Regulated Entity listed on this form. Please check one of the following:			
<input type="checkbox"/> Owner <input type="checkbox"/> Operator <input checked="" type="checkbox"/> Owner & Operator <input type="checkbox"/> Occupational Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> Voluntary Cleanup Applicant <input type="checkbox"/> Other:			
15. Mailing Address:	13,500 FM2769		
City	Austin	State	TX
ZIP	78726	ZIP + 4	2003
16. Country Mailing Information (if outside USA)		17. E-Mail Address (if applicable)	
NA		robert.berrey@miravalresorts.com	
18. Telephone Number	19. Extension or Code	20. Fax Number (if applicable)	
( 512 ) 258 - 7243		( ) -	

## SECTION III: Regulated Entity Information

21. General Regulated Entity Information (If "New Regulated Entity" is selected below this form should be accompanied by a permit application) <input type="checkbox"/> New Regulated Entity <input type="checkbox"/> Update to Regulated Entity Name <input checked="" type="checkbox"/> Update to Regulated Entity Information	
<b>The Regulated Entity Name submitted may be updated in order to meet TCEQ Agency Data Standards (removal of organizational endings such as Inc, LP, or LLC).</b>	
22. Regulated Entity Name (Enter name of the site where the regulated action is taking place.)	
Miraval Austin WWTP	

23. Street Address of the Regulated Entity: (No PO Boxes)	13,500 FM 2769							
24. County	City	Austin	State	TX	ZIP	78626	ZIP + 4	2003

Enter Physical Location Description if no street address is provided.

25. Description to Physical Location:	see address							
26. Nearest City					State		Nearest ZIP Code	
Austin					TX		78626	
27. Latitude (N) In Decimal:		no change		28. Longitude (W) In Decimal:		no change		
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds			
29. Primary SIC Code (4 digits)		30. Secondary SIC Code (4 digits)		31. Primary NAICS Code (5 or 6 digits)		32. Secondary NAICS Code (5 or 6 digits)		
NA		NA		NA		NA		
33. What is the Primary Business of this entity? (Do not repeat the SIC or NAICS description.)								
Resort Hotel								
34. Mailing Address:		13,500 FM 2769						
		City	Austin	State	TX	ZIP	78626	ZIP + 4 2003
35. E-Mail Address:		robert.berrey@miravalresorts.com						
36. Telephone Number			37. Extension or Code		38. Fax Number (if applicable)			
( 512 ) 258 - 7243					( ) -			

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

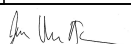
<input type="checkbox"/> Dam Safety	<input type="checkbox"/> Districts	<input type="checkbox"/> Edwards Aquifer	<input type="checkbox"/> Emissions Inventory Air	<input type="checkbox"/> Industrial Hazardous Waste
<input type="checkbox"/> Municipal Solid Waste	<input type="checkbox"/> New Source Review Air	<input type="checkbox"/> OSSF	<input type="checkbox"/> Petroleum Storage Tank	<input checked="" type="checkbox"/> PWS
				2270356
<input type="checkbox"/> Sludge	<input type="checkbox"/> Storm Water	<input type="checkbox"/> Title V Air	<input type="checkbox"/> Tires	<input type="checkbox"/> Used Oil
<input type="checkbox"/> Voluntary Cleanup	<input checked="" type="checkbox"/> Waste Water	<input type="checkbox"/> Wastewater Agriculture	<input type="checkbox"/> Water Rights	<input type="checkbox"/> Other:
	WQ 0014203001			

#### SECTION IV: Preparer Information

40. Name:	James Douglas Tune		41. Title:	engineer
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address	
( 512 ) 217 - 3398		( ) -	doug.tune@gmail.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:	JDT Group, Inc.	Job Title:	engineer
Name(In Print):	James Douglas Tune	Phone:	( 512 ) 217 - 3398
Signature:		Date:	10-14-2024

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

☒ Yes ☐ No

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

☐ Yes ☒ No

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

#### F. Plain Language Summary Template

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

**Attachment:** Attachment 3

#### G. Public Involvement Plan Form

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

**Attachment:** NA

## 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 101920353

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):

Miraval Austin

C. Owner of treatment facility: MRG ATX Holdings, LLC

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

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

Prefix: Click to enter text.

Last Name, First Name:

Title: Click to enter text.

Credential: Click to enter text.

Organization Name: MRG ATX Holdings, LLC

Mailing Address: 13500 Farm to Market Rd 2769 City, State, Zip Code: Austin, TX 78726

Phone No.: (855) 234-1672

E-mail Address: austin.reservations@miravalresorts.com

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

**Attachment:** Click to enter text.

# Comisión de Calidad Ambiental del Estado de Texas



## AVISO DE RECIBO DE LA SOLICITUD E INTENCION DE OBTENER PERMISO PARA LA CALIDAD DEL AGUA RENOVACION

PERMISO NO. WQ00\_\_\_\_\_

**SOLICITUD.** MRG ATX Holdings, 13500 FM 2769, Austin, TX 78726 ha solicitado a la Comisión de Calidad Ambiental de Texas (TCEQ) para renovar el Permiso No.WQ0014203001 de disposición de aguas residuales para autorizar la disposición de aguas residuales tratadas en un volumen que no sobrepasa un flujo promedio diario de 27000 galones por día por medio de public access subsurface drip irrigation system with a minimum of 6.3 acres. La planta de tratamiento de aguas domésticos residuales y el área de disposición están ubicados en at 13500 Farm-to-Market Road 2769, in the city of Austin, in Travis County, Texas 78626 en el Condado de Travis, Texas. La TCEQ recibió esta solicitud el día on October 2, 2024. La solicitud para el permiso estará disponible para leerla y copiarla en Austin Central Library, 701 E Cesar Chavez Austin, TX 78701 antes de la fecha de publicación de este aviso en el periódico. Este enlace a un mapa electrónico de la ubicación general del sitio o de la instalación es proporcionado como una cortesía y no es parte de la solicitud o del aviso. Para la ubicación exacta, consulte la solicitud. : <https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tlap-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. *[For renewal applications that **do not** include a major amendment, include the following sentence:]* Si ciertos criterios se cumplen, la TCEQ puede actuar sobre una solicitud para renovar un permiso sin proveer una oportunidad de una audiencia administrativa de lo contencioso.

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



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

También se puede obtener información adicional del MRG ATX Holdings, LLC a la dirección indicada arriba o llamando a Mr. Doug Tune, P.E., JDT Group, Inc., al 512-217-3398.

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

# DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 3.0: LAND DISPOSAL OF EFFLUENT

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

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

Identify the method of land disposal:

- |                                                                                                                                            |                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| <input type="checkbox"/> Surface application                                                                                               | <input type="checkbox"/> Subsurface application                |
| <input type="checkbox"/> Irrigation                                                                                                        | <input type="checkbox"/> Subsurface soils absorption           |
| <input checked="" type="checkbox"/> Drip irrigation system                                                                                 | <input type="checkbox"/> Subsurface area drip dispersal system |
| <input type="checkbox"/> Evaporation                                                                                                       | <input type="checkbox"/> Evapotranspiration beds               |
| <input checked="" type="checkbox"/> Other (describe in detail): <u>drip irrigation tubing laid on top of ground and covered with mulch</u> |                                                                |

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

For existing authorizations, provide Registration Number: [Click to enter text.](#)

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

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

**Table 3.0(1) – Land Application Site Crops**

Crop Type & Land Use	Irrigation Area (acres)	Effluent Application (GPD)	Public Access? Y/N
native vegetation, ashe juniper, live oak	6.3	27,000	N

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

**Table 3.0(2) – Storage and Evaporation Ponds**

Pond Number	Surface Area (acres)	Storage Volume (acre-feet)	Dimensions	Liner Type
Tank 1	NA	56,000 gallons	27' dia x 14' tall	Bolted steel
Tank 2	NA	125,000 gallons	30' dia x 24' tall	Bolted steel

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

Attachment: NA

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

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

☐ Yes ☒ No

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

Click to enter text.

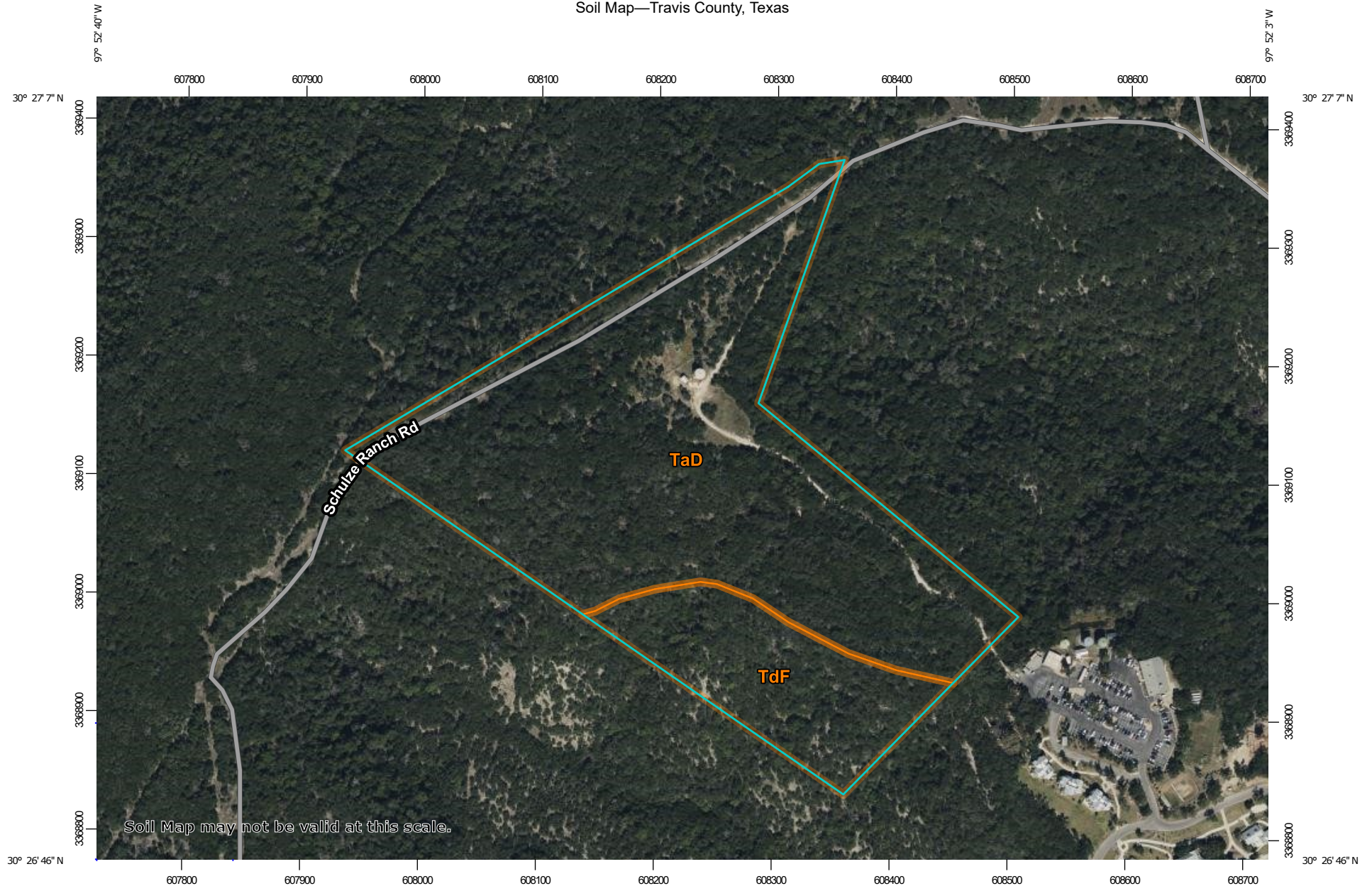
Provide the source used to determine the 100-year frequency flood level:

Firm Panel 48453CO230T

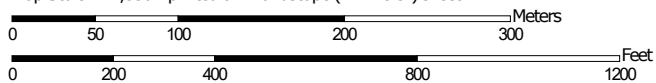
Provide a description of tailwater controls and rainfall run-on controls used for the land application site.

Slight Berm on perimeter to prevent run on.

# Soil Map—Travis County, Texas



Map Scale: 1:4,550 if printed on A landscape (11" x 8.5") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge ticks: UTM Zone 14N WGS84




**Natural Resources  
Conservation Service**

Web Soil Survey  
National Cooperative Soil Survey

10/14/2024  
Page 1 of 3

## MAP LEGEND

### Area of Interest (AOI)

 Area of Interest (AOI)

### Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

### Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

### Water Features



Streams and Canals

### Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

### Background



Aerial Photography

## MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Travis County, Texas

Survey Area Data: Version 26, Aug 30, 2024

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Data not available.

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

## Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
TaD	Eckrant very stony clay, 5 to 18 percent slopes	25.0	80.7%
TdF	Eckrant-Rock outcrop complex, 18 to 50 percent slopes	6.0	19.3%
<b>Totals for Area of Interest</b>		<b>31.0</b>	<b>100.0%</b>

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

**Attachment:** [Attachment 8A](#)

## Section 7. Groundwater Quality (Instructions Page 69)

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

**Attachment:** [Attachment 8](#)

Are groundwater monitoring wells available onsite? ☐ Yes ☒ No

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

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

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

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

### A. Soil map

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

**Attachment:** [Attachment 9](#)

### B. Soil analyses

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

**Attachment:** [Attachment 9A](#)

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

**Table 3.0(4) – Soil Data**

Soil Series	Depth from Surface	Permeability	Available Water Capacity	Curve Number
Tad (see attached report)				
TdF (see attached report)				



A  
C  
N  
S

## **Domestic Worksheet 3.0 – Land Disposal of Effluent**

### **Soil Map and Soil Analyses**

SWCA Project Number 40599

October 2016

#### **SUBMITTED TO:**

Walker Partners  
6850 Austin Center Blvd., Suite 150  
Austin, Texas 78731

#### **SUBMITTED BY:**

SWCA Environmental Consultants  
4407 Monterey Oaks Boulevard  
Building 1, Suite 110  
Austin, Texas 78749



**DOMESTIC WORKSHEET 3.0 –  
LAND DISPOSAL OF EFFLUENT  
SOIL MAP AND SOIL ANALYSES**

Prepared for

**WALKER PARTNERS**  
6850 Austin Center Blvd., Suite 150  
Austin, Texas 78731

Prepared by

**SWCA ENVIRONMENTAL CONSULTANTS**  
4407 Monterey Oaks Boulevard  
Building 1, Suite 110  
Austin, Texas 78749  
[www.swca.com](http://www.swca.com)

SWCA Project Number 040599

October 7, 2016

## CONTENTS

<b>1.0 Soil Survey Map .....</b>	<b>1</b>
1.1 Tarrant Cobbly Clay – NRCS Published Description .....	1
1.2 Field Observations .....	1
1.3 Soil Water Holding Capacity .....	2
<b>2.0 Soil Analyses .....</b>	<b>3</b>
<b>3.0 References .....</b>	<b>8</b>

## FIGURES

Figure 1. Project location map. ....	4
Figure 2. Aerial map of project location with composite sample locations and mapped soils. ....	5
Figure 3. Aerial map of project location with composite sample locations. ....	6
Figure 4. Overview of typical soil composite sample profile. ....	7
Figure 5. Overview of typical soil composite sample profile; note degrading bedrock at base. ....	7

## TABLES

Table 1. Summary of Representative Soil Field Evaluations .....	2
Table 2. Summary of laboratory analysis results for Composite No. 1 .....	3
Table 3. Summary of detailed Salinity Test (saturated paste) for Composite No. 1 .....	3

## APPENDICES

Appendix A. Soil Analysis Report	
----------------------------------	--

## 1.0 SOIL SURVEY MAP

The proposed land application area is located in central Travis County roughly 2 miles northeast of Volente, Texas (Figure 1). The project area is situated on a rocky upland overlooking a narrow, steep valley that contains the sinuous Long Hollow Creek. The soils mapped by the Natural Resources Conservation Service (NRCS) are exclusively from the Tarrant association (TaD). The map unit is composed of approximately 95% Tarrant soil and 5% minor units (Figure 2).

SWCA Environmental Consultants (SWCA) performed soil evaluations as required in 30 Texas Administrative Code Section 222.73. SWCA biologists systematically excavated and examined 15 soil pits to observe soil depths and to collect samples for laboratory analysis (Figure 3). Soil profile descriptions and sampling were conducted by an SWCA geoarchaeologist and geologist under the supervision of a Registered Texas Professional Geoscientist. Sample locations are illustrated on Figure 3.

### 1.1 Tarrant Cobbly Clay – NRCS Published Description

Tarrant cobbly clay consists of soils that are very shallow and shallow to indurated limestone bedrock, interbedded with marl and chalk. These well-drained soils formed in residuum derived from limestone of Cretaceous age. These nearly level to very steep soils are on summits, shoulders, and backslopes of ridges on dissected plateaus (NRCS 2016). The typical pedon for this soils is described by NRCS as follows:

- A 0 to 20 centimeters (cm) (0 to 8 inches); very dark grayish brown (10YR 3/2) very cobbly clay, very dark brown (10YR 2/2) moist; strong very fine subangular blocky structure parting to strong medium granular; very hard, firm; common fine roots; common fine pores; carbonate masses around and on bottom of rock fragments; 35% limestone cobbles and 5% limestone gravel; violently effervescent; moderately alkaline; clear irregular boundary. (Thickness of the A horizon is 10 to 28 cm [4 to 11 inches]).
- Ak 20 to 33 cm (8 to 13 inches); brown (10YR 4/3) extremely cobbly clay, dark brown (10YR 3/3) moist; moderate very fine angular blocky structure parting to moderate medium granular; very hard, firm; common fine roots in vertical and horizontal bands; carbonate masses around and on bottom of rock fragments; 85% weakly cemented to strongly cemented limestone cobbles and stones; violently effervescent; moderately alkaline; abrupt wavy boundary. (Thickness of the Ak horizon is 5 to 25 cm [2 to 10 inches])
- R 33 to 76 cm (13 to 30 inches); fractured, indurated and platy limestone bedrock and interbedded strata of weakly cemented to strongly cemented limestone about 1 to 15 cm (0.5 to 6 inches) thick.

### 1.2 Field Observations

Field observations are consistent with the mapped soil type on the proposed land application area. Specifically, the soils match the description of a typical pedon of the Tarrant series (TaD) by NRCS, which occur throughout the approximately 5-acre land application study area. Table 1 summarizes the results of the field evaluations of representative soil pits in the proposed land application study area.

**Table 1.** Summary of Representative Soil Field Evaluations

	Soil Pit 1	Soil Pit 6	Soil Pit 13
Total depth of profile hole	11 inches	7 inches	10 inches
Primary rooting depth	0–8 inches	0–5 inches	0–7 inches
Secondary rooting depth	0–11 inches	0–7 inches	0–10 inches
Restrictive horizons*	Lithic	Lithic	Lithic
Potential water bearing zones	None	None	None
Active water bearing zones	None	None	None

\* Although limestone bedrock underlies the soils in this area, the limestone is fractured and would not completely restrict water movement.

SWCA observed overall soil depths in 15 sample pits (Samples 1–15) on the land application study area. In the land application area, average soil depth to bedrock was 8.6 inches, ranging from a minimum 4 inches to a maximum 11 inches (Figures 4 and 5). As noted in the typical pedon descriptions, and confirmed by field observations, limestone bedrock within the soil map unit tends to be coarsely fractured and contains soil within the fractures and seams. Plant roots were observed in these seams and fractures at the bottoms of excavated soil pits.

The observed profiles in the 15 soil samples were very similar containing a surface horizon generally extending to roughly 7 inches of very dark brown to very dark grayish brown (10YR2/2–3/2) dry; clay loam; friable consistency; subangular blocky structure; roots (4%) and fine rootlets (10%); and common (10%) subangular to angular limestone gravels. The lower boundary, when observed, was clear to gradual with irregular topography. Underlying the surface horizon was either degrading limestone bedrock or thin, broken horizon of brown (10YR4/3–5/3) dry; clay loam-clay; friable-firm consistency; subangular parting to angular structure; roots (1%) and fine rootlets (15%); and common (15%) subangular to angular limestone gravels and cobbles. Notably, no filaments of nodules of calcium carbonate was observed in this stratum. The lower boundary was abrupt and irregular. The base of all 15 soil samples consisted of degrading bedrock with angular and fractured limestone cobbles and boulders.

## 1.3 Soil Water Holding Capacity

Soil water holding capacity is defined as the volume of water (inches) held in the soil between field capacity and permanent wilting point. Soils with a higher percentage of silt and clay size particles have a higher water holding capacity. Because soils on the land application area consist of clay loams and clays, water holding capacity ranges from 2.0 to 2.1 inches per foot. Thus for the average soil depth of 8.6 inches, water holding capacity for soils mapped on the proposed land application area would range from 1.4 to 1.5 total inches of available water in the soil profile.

Effluent is proposed to be applied to the land application area at a rate of 2.5 inches to 3.5 inches per month, with a higher rate of application during the summer growing season. This rate of application is well within the water holding capacity of site soils. Warm season grasses in general use about 0.20 inch of water per day, or over 6 inches per month (Duble 2016). Therefore, the land application rate would not exceed soil water holding capacity and would be far less than the amount expected to be utilized by the grassland crop and existing vegetation.

## 2.0 SOIL ANALYSES

SWCA submitted the soil samples from the land application study area to the Texas A&M Soil and Crops Science Laboratory in College Station, Texas, for analysis. The soil samples were analyzed for pH, conductivity, sodium adsorption ratio (SAR), total nitrogen, nitrate-nitrogen, potassium, phosphorous, calcium, magnesium, sulfur, and sodium. SWCA used the composite sample technique to sample the study area. Individual soil types as identified by the U.S. Department of Agriculture Soil Conservation Service Soil Survey, were to be sampled individually at zones 0–6, 6–18, and 18–30 inches. However, due to the shallow bedrock in the study area (i.e., 11 inches or less) no samples were available for sampling greater than 11 inches in depth. Therefore, the soil analysis was conducted on the composited soil samples from the study area divided into two sample depths (i.e., 0–6 inches and 6–11 inches). The composite sample represents no more than 5 acres, with no less than 15 subsamples representing each composite sample. Subsamples were composited by individual site, zone, and soil type for analysis and reporting, resulting in testing two samples (Composite No. 1, 0–6 inches and Composite No. 2, 6–11 inches). The results of the analyses are summarized in Table 2 below and on the attached laboratory report (Appendix A).

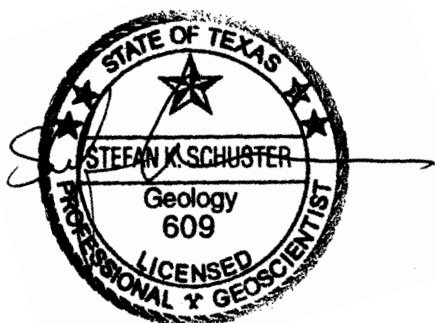
**Table 2.** Summary of Laboratory Analysis Results for Composite No. 1

Sample Depth (inches)	pH	Conductivity (umho/cm)	Nitrate-N (ppm)	Phosphorus (ppm)	Potassium (ppm)	Calcium (ppm)	Magnesium (ppm)	Sulfur (ppm)	Sodium (ppm)
0–6	7.7	430	1	8	345	11,918	288	23	12
6–11	7.8	400	6	10	249	19,468	238	26	13

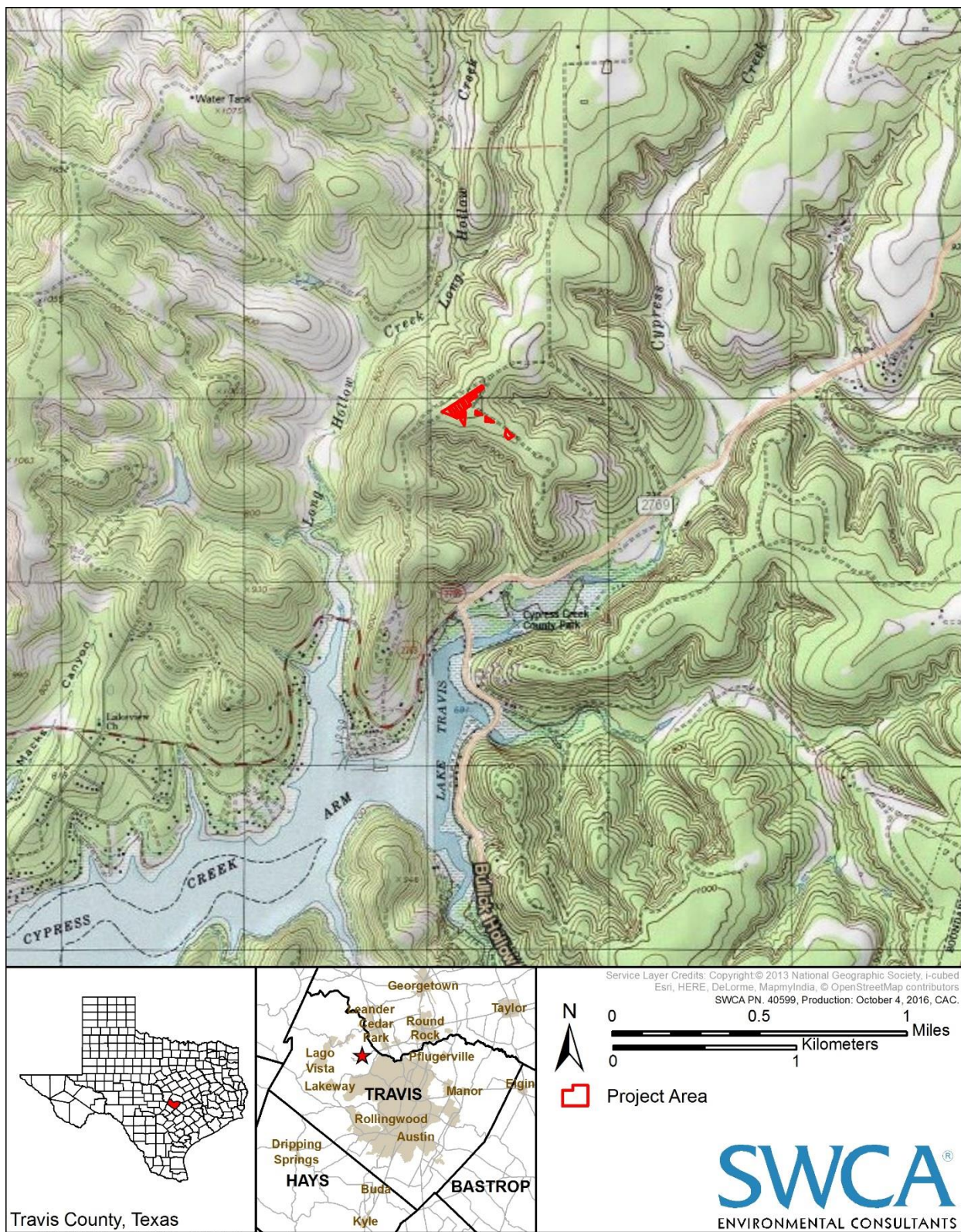
Additional laboratory analyses of the 15 composited soil samples were conducted regarding detailed salinity test (saturated paste extract). The results of the analyses are summarized in Table 3 below and on the attached laboratory report (Appendix A).

**Table 3.** Summary of Detailed Salinity Test (saturated paste) for Composite No. 1

Sample Depth (inches)	pH	Conductivity (mmhos/cm)	Sodium (ppm)	Potassium (ppm)	Calcium (ppm)	Magnesium (ppm)	Sodium Absorption Ratio (SAR)	SSP
0–6	6.8	1.18	27	12	267	12	0.44	7.49
6–11	6.8	1.16	31	12	276	11	0.50	8.29

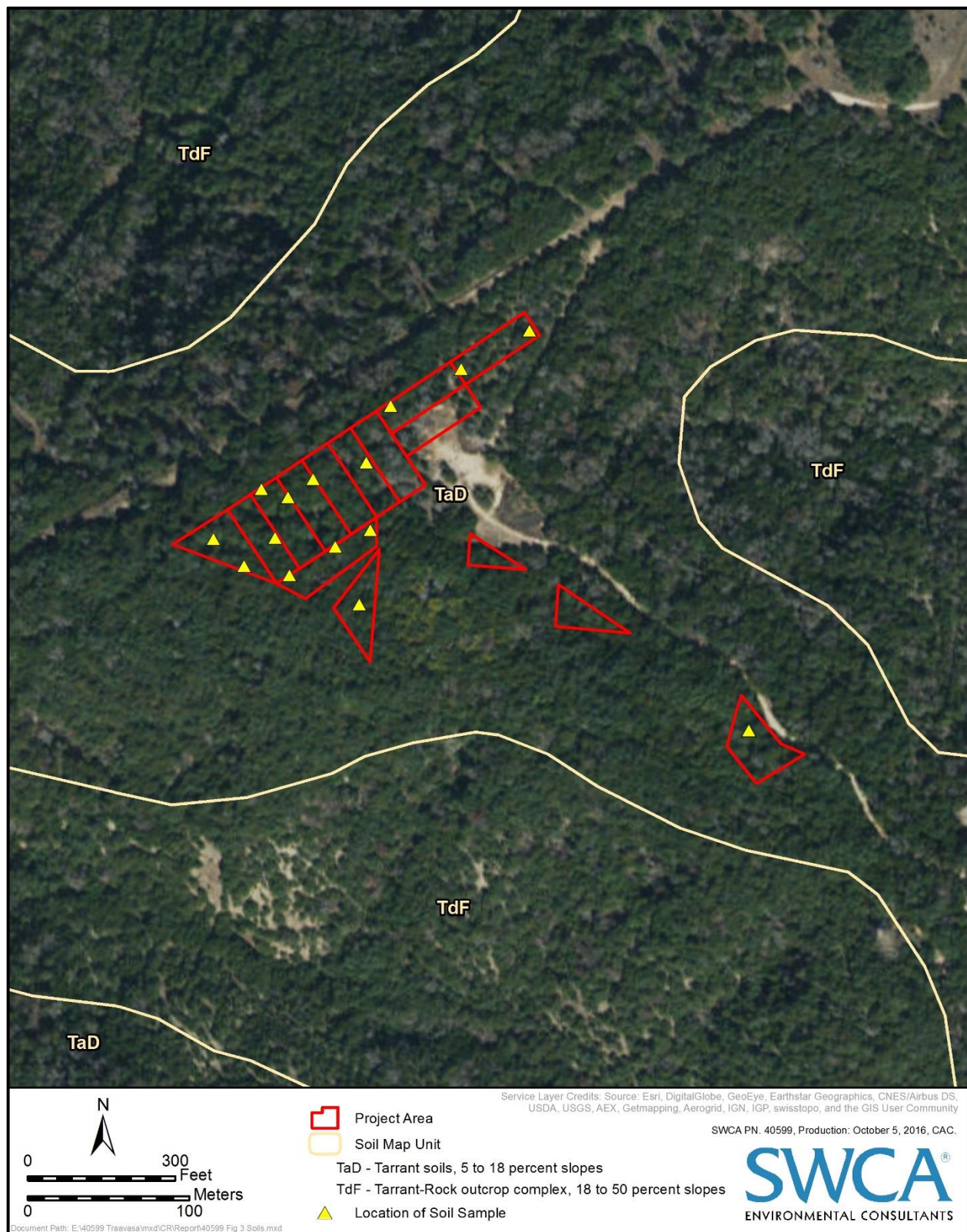






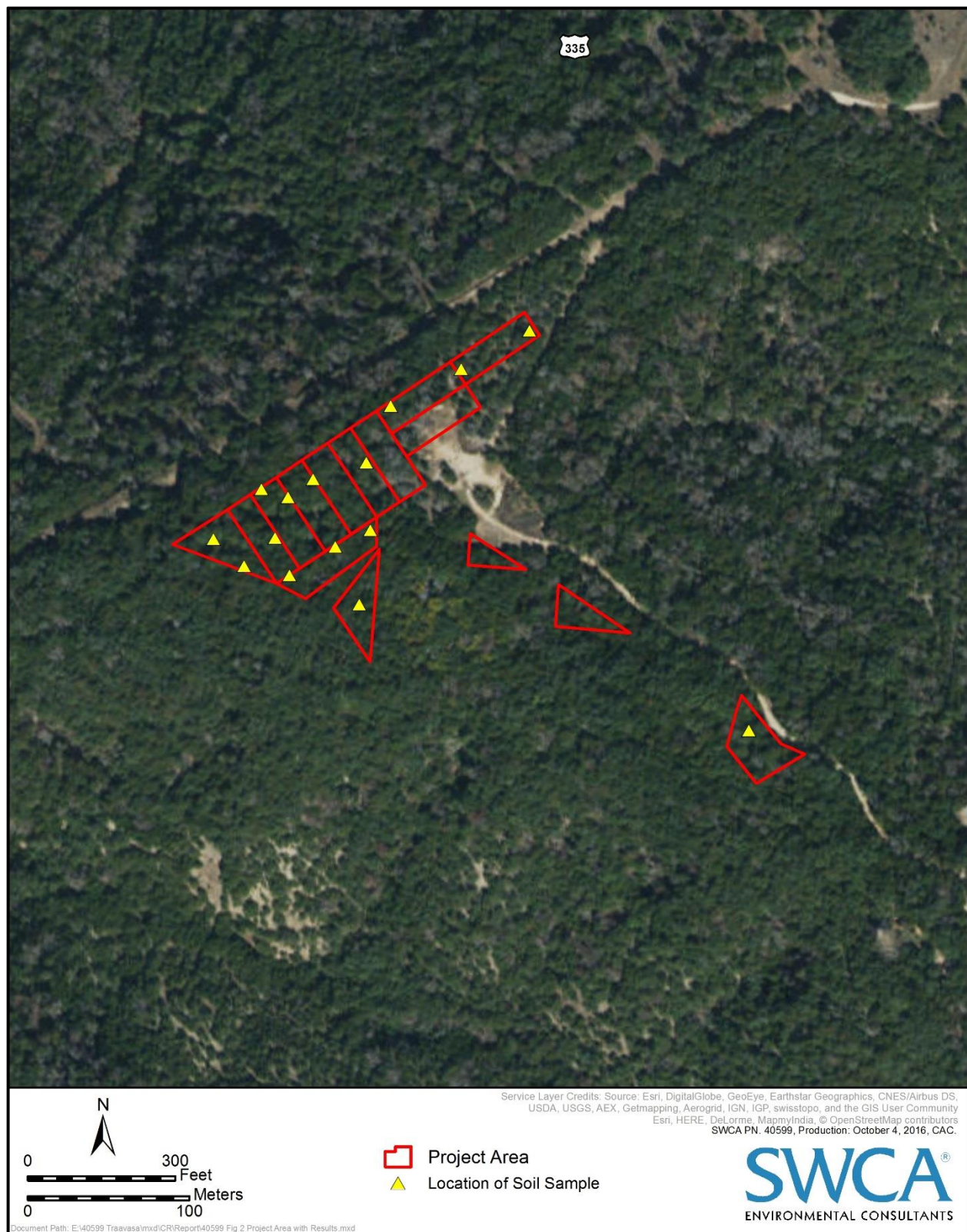
**Figure 1.** Project location map.





**Figure 2.** Aerial map of project location with composite sample locations and mapped soils.





**Figure 3.** Aerial map of project location with composite sample locations.





**Figure 4.** Overview of typical soil composite sample profile.



**Figure 5.** Overview of typical soil composite sample profile; note degrading bedrock at base.

### **3.0 REFERENCES**

Duble, R.L. Water management on turfgrasses. Texas Agricultural Extension (On-line). Accessed October 2016 at <http://aggie-horticulture.tamu.edu/archives/parsons/turf/publications/water.html>.

Natural Resources Conservation Service (NRCS), Soil Data Mart. 2009. U.S. Department of Agriculture Web Soil Survey (On-line). Accessed September 2016 at <http://websoilsurvey.nrcs.usda.gov>.

**APPENDIX A:**  
**Soil Analysis Report**



Report generated for:  
Ken Lawrence  
SWCA  
4407 Monterey Oaks Blvd Ste 110  
Austin, TX 78749

Travis County  
Laboratory Number: 467754  
Customer Sample ID: Composite #1 (0-6")

Crop Grown: IMPROVED AND HYBRID BERMUDA GRASS (ESTABLISHMENT)

## Soil Analysis Report

Soil, Water and Forage Testing Laboratory  
Department of Soil and Crop Sciences  
2478 TAMU

College Station, TX 77843-2478

979-845-4816 (phone)

979-845-5958 (FAX)

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

Sample received on: 9/22/2016

Printed on: 9/30/2016

Area Represented: 5 acres

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	7.7	(5.8)	-	Mod. Alkaline							
Conductivity	430	(-)	umho/cm	None							Fertilizer Recommended
Nitrate-N	1	(-)	ppm**					CL*			35 lbs N/acre
Phosphorus	8	(50)	ppm								85 lbs P2O5/acre
Potassium	345	(125)	ppm								0 lbs K2O/acre
Calcium	11,918	(180)	ppm								0 lbs Ca/acre
Magnesium	288	(50)	ppm								0 lbs Mg/acre
Sulfur	23	(13)	ppm								0 lbs S/acre
Sodium	12	(-)	ppm								
Iron	17.33	(4.25)	ppm								
Zinc	1.37	(0.27)	ppm								0 lbs Zn/acre
Manganese	16.17	(1.00)	ppm								0 lbs Mn/acre
Copper	0.34	(0.16)	ppm								0 lbs Cu/acre
Boron											
Limestone Requirement											0.00 tons 100ECCE/acre

### Detailed Salinity Test (Saturated Paste Extract)

pH	6.8	
Conductivity	1.18 mmhos/cm	
Sodium	27 ppm	1.182 meq/L
Potassium	12 ppm	0.301 meq/L
Calcium	267 ppm	13.310 meq/L
Magnesium	12 ppm	0.985 meq/L
SAR	0.44	
SSP	7.49	

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

**Nitrogen:** Apply an additional 40 lbs/A of nitrogen upon 75% vegetative cover.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.  
<http://soiltesting.tamu.edu/webpages/calculator.html>

Report generated for:  
Ken Lawrence  
SWCA  
4407 Monterey Oaks Blvd Ste 110  
Austin, TX 78749

Travis County

Laboratory Number: 467755

Customer Sample ID: Composite #2 (6-11")

Crop Grown: IMPROVED AND HYBRID BERMUDA GRASS (ESTABLISHMENT)

## Soil Analysis Report

Soil, Water and Forage Testing Laboratory  
Department of Soil and Crop Sciences  
2478 TAMU

College Station, TX 77843-2478

979-845-4816 (phone)

979-845-5958 (FAX)

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

Sample received on: 9/22/2016

Printed on: 9/30/2016

Area Represented: 5 acres

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	7.8	(5.8)	-	Mod. Alkaline							
Conductivity	400	(-)	umho/cm	None							Fertilizer Recommended
Nitrate-N	6	(-)	ppm**								25 lbs N/acre
Phosphorus	10	(50)	ppm								80 lbs P2O5/acre
Potassium	249	(125)	ppm								0 lbs K2O/acre
Calcium	19,468	(180)	ppm								0 lbs Ca/acre
Magnesium	238	(50)	ppm								0 lbs Mg/acre
Sulfur	26	(13)	ppm								0 lbs S/acre
Sodium	13	(-)	ppm								
Iron	11.33	(4.25)	ppm								
Zinc	1.10	(0.27)	ppm								0 lbs Zn/acre
Manganese	22.49	(1.00)	ppm								0 lbs Mn/acre
Copper	0.27	(0.16)	ppm								0 lbs Cu/acre
Boron											
Limestone Requirement											0.00 tons 100ECCE/acre

### Detailed Salinity Test (Saturated Paste Extract)

pH	6.8	
Conductivity	1.16 mmhos/cm	
Sodium	31 ppm	1.356 meq/L
Potassium	12 ppm	0.296 meq/L
Calcium	276 ppm	13.785 meq/L
Magnesium	11 ppm	0.915 meq/L
SAR	0.50	
SSP	8.29	

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

**Nitrogen:** Apply an additional 40 lbs/A of nitrogen upon 75% vegetative cover.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.  
<http://soiltesting.tamu.edu/webpages/calculator.html>

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

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

☒ E-mail Address

☐ Fax

☐ Regular Mail

**C. Contact permit to be listed in the Notices**

Prefix: Mr.

Last Name, First Name: Doug Tune

Title: Engineer

Credential: PE

Organization Name: JDT Group, Inc.

Mailing Address: 1170 FM 179

City, State, Zip Code: Hale Center, TX 79041

Phone No.: 512.217.3398

E-mail Address: dougtune@gmail.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 Central Library

Location within the building: Circulation Desk

Physical Address of Building: 701 E Cesar Chavez

City: Austin 78701

County: Travis

Contact (Last Name, First Name): Lisa Hamilton

Phone No.: (512) 974-7547 Ext.:

**E. Bilingual Notice Requirements**

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

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

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

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

# DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 3.0: LAND DISPOSAL OF EFFLUENT

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

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

Identify the method of land disposal:

- |                                                                                                                                            |                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| <input type="checkbox"/> Surface application                                                                                               | <input type="checkbox"/> Subsurface application                |
| <input type="checkbox"/> Irrigation                                                                                                        | <input type="checkbox"/> Subsurface soils absorption           |
| <input checked="" type="checkbox"/> Drip irrigation system                                                                                 | <input type="checkbox"/> Subsurface area drip dispersal system |
| <input type="checkbox"/> Evaporation                                                                                                       | <input type="checkbox"/> Evapotranspiration beds               |
| <input checked="" type="checkbox"/> Other (describe in detail): <u>drip irrigation tubing laid on top of ground and covered with mulch</u> |                                                                |

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

For existing authorizations, provide Registration Number: [Click to enter text.](#)

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

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

**Table 3.0(1) – Land Application Site Crops**

Crop Type & Land Use	Irrigation Area (acres)	Effluent Application (GPD)	Public Access? Y/N
Evergreen trees	6.3	27,000	Y

**From:** [dougtune@gmail.com](mailto:dougtune@gmail.com)  
**To:** "Garrison Layne"  
**Cc:** "Brandstrader, Fred (CHICO)"  
**Subject:** RE: Notice of deficiency for the draft permit WQ0014203001  
**Date:** Thursday, May 22, 2025 1:30:30 PM  
**Attachments:** [image001.png](#)  
[5-22-25 revised page 31 of 66 MRG ATX Holdings Permit No. WQ00140203001 2024 WWTP Permit Renewal.pdf](#)

---

Hi Garrison,  
The revised sheet is attached.

*Doug Tune, PE*  
*President*  
*JDT Group, Inc.*  
Civil Engineering and Consulting  
Texas Registered Engineering Firm F- 19943  
(512) 217-3398

---

**From:** Garrison Layne <[Garrison.Layne@tceq.texas.gov](mailto:Garrison.Layne@tceq.texas.gov)>  
**Sent:** Wednesday, May 21, 2025 7:58 AM  
**To:** Doug Tune <[dougtune@gmail.com](mailto:dougtune@gmail.com)>  
**Cc:** Brandstrader, Fred (CHICO) <[fred.brandstrader@hyatt.com](mailto:fred.brandstrader@hyatt.com)>  
**Subject:** Re: Notice of deficiency for the draft permit WQ0014203001

Good Morning Doug,

Yes that would be great if you could please revise the Worksheet 3.0 Section 2 page to keep the permit record consistent with the previously issued permits.

Thank you,  
Garrison Layne

---

**From:** Doug Tune <[dougtune@gmail.com](mailto:dougtune@gmail.com)>  
**Sent:** Tuesday, May 20, 2025 5:09 PM  
**To:** Garrison Layne <[Garrison.Layne@tceq.texas.gov](mailto:Garrison.Layne@tceq.texas.gov)>  
**Cc:** Brandstrader, Fred (CHICO) <[fred.brandstrader@hyatt.com](mailto:fred.brandstrader@hyatt.com)>  
**Subject:** Re: Notice of deficiency for the draft permit WQ0014203001

Hi Garrison,  
Nothing's changed so that's an error. Do you want us to revise it and resend you the sheet.

Doug Tune, PE  
President  
JDT Group, Inc.  
Water and Wastewater Engineering  
Cell 512-217-3398



Texas Professional Engineers Board Firm Number 19943

On Tue, May 20, 2025, 4:29 PM Garrison Layne <[Garrison.Layne@tceq.texas.gov](mailto:Garrison.Layne@tceq.texas.gov)> wrote:

Good Afternoon Doug,

Thank you for the updated Worksheet 3.0 Section 9 page. Another question I had related to Worksheet 3.0 under section 2.0 is has the facility changed from public access to private access or is this an error in the application?



Please let me know if you have any questions.

Thank you,  
Garrison Layne

---

**From:** [dougtune@gmail.com](mailto:dougtune@gmail.com) <[dougtune@gmail.com](mailto:dougtune@gmail.com)>

**Sent:** Tuesday, May 20, 2025 3:56 PM

**To:** Garrison Layne <[Garrison.Layne@tceq.texas.gov](mailto:Garrison.Layne@tceq.texas.gov)>; [fred.brandstrader@hyatt.com](mailto:fred.brandstrader@hyatt.com) <[fred.brandstrader@hyatt.com](mailto:fred.brandstrader@hyatt.com)>

**Cc:** Brandstrader, Fred (CHICO) <[fred.brandstrader@hyatt.com](mailto:fred.brandstrader@hyatt.com)>

**Subject:** RE: Notice of deficiency for the draft permit WQ0014203001

Hi Garrison,

Please find the revised page 35 you requested.

*Doug Tune, PE*

*President*

*JDT Group, Inc.*

Civil Engineering and Consulting

*Texas Registered Engineering Firm F- 19943*

*(512) 217-3398*

---

**From:** Garrison Layne <[Garrison.Layne@tceq.texas.gov](mailto:Garrison.Layne@tceq.texas.gov)>

**Sent:** Friday, May 16, 2025 1:18 PM

**To:** [doughtune@gmail.com](mailto:doughtune@gmail.com); [fred.brandstrader@hyatt.com](mailto:fred.brandstrader@hyatt.com)

**Subject:** Notice of deficiency for the draft permit WQ0014203001

Good Afternoon Mr. Doug,

After looking over the draft permit application for the draft permit WQ0014203001 it appears that on Worksheet 3.0 section 9 for the effluent monitoring data that the number of acres irrigated is marked as 6.4 acres while the existing permit that was issued in 2017 and the draft permit application mentions that the facility is only authorized to land apply over 6.3 acres.

Could you please let me know if this is an error and correct the acres irrigated column on Worksheet 3.0 Section 9 or if the facility has now increased the amount of acreage that is being land applied upon.

Thank you,

Garrison Layne

**From:** [doughtune@gmail.com](mailto:doughtune@gmail.com)  
**To:** "Garrison Layne"; [fred.brandstrader@hyatt.com](mailto:fred.brandstrader@hyatt.com)  
**Cc:** [Brandstrader, Fred \(CHICO\)](#)  
**Subject:** RE: Notice of deficiency for the draft permit WQ0014203001  
**Date:** Tuesday, May 20, 2025 4:00:45 PM  
**Attachments:** [3-20-25 revised page 35 of 66 MRG ATX Holdings Permit No. WQ00140203001 2024 WWTP Permit Renewal Application As Submitted 10-1-2024 -2.pdf](#)

---

Hi Garrison,  
Please find the revised page 35 you requested.

*Doug Tune, PE*  
*President*  
*JDT Group, Inc.*  
Civil Engineering and Consulting  
Texas Registered Engineering Firm F- 19943  
(512) 217-3398

---

**From:** Garrison Layne <[Garrison.Layne@tceq.texas.gov](mailto:Garrison.Layne@tceq.texas.gov)>  
**Sent:** Friday, May 16, 2025 1:18 PM  
**To:** [doughtune@gmail.com](mailto:doughtune@gmail.com); [fred.brandstrader@hyatt.com](mailto:fred.brandstrader@hyatt.com)  
**Subject:** Notice of deficiency for the draft permit WQ0014203001

Good Afternoon Mr. Doug,

After looking over the draft permit application for the draft permit WQ0014203001 it appears that on Worksheet 3.0 section 9 for the effluent monitoring data that the number of acres irrigated is marked as 6.4 acres while the existing permit that was issued in 2017 and the draft permit application mentions that the facility is only authorized to land apply over 6.3 acres.

Could you please let me know if this is an error and correct the acres irrigated column on Worksheet 3.0 Section 9 or if the facility has now increased the amount of acreage that is being land applied upon.

Thank you,  
Garrison Layne



# Compliance History Report

Compliance History Report for CN605299957, RN101920353, Rating Year 2024 which includes Compliance History (CH) components from September 1, 2019, through August 31, 2024.

<b>Customer, Respondent, or Owner/Operator:</b>	CN605299957, MRG ATX Holdings, LLC	<b>Classification:</b> UNCLASSIFIED	<b>Rating:</b> -----
<b>Regulated Entity:</b>	RN101920353, THE CROSSINGS WWTP	<b>Classification:</b> UNCLASSIFIED	<b>Rating:</b> -----
<b>Complexity Points:</b>	5	<b>Repeat Violator:</b>	NO
<b>CH Group:</b>	08 - Sewage Treatment Facilities		
<b>Location:</b>	13500 FM 2769 AUSTIN, TX 78726-2003, TRAVIS COUNTY		
<b>TCEQ Region:</b>	REGION 11 - AUSTIN		

**ID Number(s):**

**WASTEWATER PERMIT** WQ0014203001

**WASTEWATER AUTHORIZATION** R14203001

**WASTEWATER PERMIT** 2E0000254

**Compliance History Period:** September 01, 2019 to August 31, 2024 **Rating Year:** 2024 **Rating Date:** 09/01/2024

**Date Compliance History Report Prepared:** November 13, 2024

**Agency Decision Requiring Compliance History:** Permit - Issuance, renewal, amendment, modification, denial, suspension, or revocation of a permit.

**Component Period Selected:** October 02, 2019 to November 13, 2024

**TCEQ Staff Member to Contact for Additional Information Regarding This Compliance History.**

**Name:** PT

**Phone:** (512) 239-3581

**Site and Owner/Operator History:**

- |                                                                                                    |     |
|----------------------------------------------------------------------------------------------------|-----|
| 1) Has the site been in existence and/or operation for the full five year compliance period?       | YES |
| 2) Has there been a (known) change in ownership/operator of the site during the compliance period? | NO  |

**Components (Multimedia) for the Site Are Listed in Sections A - J**

**A. Final Orders, court judgments, and consent decrees:**

N/A

**B. Criminal convictions:**

N/A

**C. Chronic excessive emissions events:**

N/A

**D. The approval dates of investigations (CCEDS Inv. Track. No.):**

N/A

**E. Written notices of violations (NOV) (CCEDS Inv. Track. No.):**

A notice of violation represents a written allegation of a violation of a specific regulatory requirement from the commission to a regulated entity. A notice of violation is not a final enforcement action, nor proof that a violation has actually occurred.

N/A

**F. Environmental audits:**

N/A

**G. Type of environmental management systems (EMSs):**

N/A

**H. Voluntary on-site compliance assessment dates:**

N/A

**I. Participation in a voluntary pollution reduction program:**

N/A

**J. Early compliance:**

N/A

**Sites Outside of Texas:**

N/A

Senate Bill 709 (84th Legislative Session, 2015) amended the Texas Water Code by adding new Section 5.5553, which requires the Texas Commission on Environmental Quality (TCEQ) to provide written notice to you at least thirty (30) days prior to the TCEQ's issuance of draft permits for applications that are located in your district.

MRG ATX Holdings, LLC, 13500 Farm-to-Market Road 2769, Austin, Texas 78726, has applied to the TCEQ to renew Texas Land Application Permit No. WQ0014203001 to authorize the disposal of treated wastewater at a volume not to exceed a daily average flow of 27,000 gallons per day via public access subsurface drip irrigation system with a minimum of 6.3 acres. The domestic wastewater treatment facility and disposal area are located at 13500 Farm-to-Market Road 2769, in the city of Austin, in Travis County, Texas 78726. TCEQ received this application on October 2, 2024. The permit application will be available for viewing and copying at Austin Central Library, Circulation Desk, 710 West Cesar Chavez Street, Austin, in Travis County, Texas. The application, including any updates, and associated notices are available electronically at the following webpage:

<https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tlap-applications>.

This link to an electronic map of the site or facility's general location is provided as a public courtesy and is not part of the application or notice. For the exact location, refer to the application. <https://gisweb.tceq.texas.gov/LocationMapper/?marker=-97.869444,30.442222&level=18>

TCEQ is preparing the initial draft permit. At the time the draft permit is issued, the applicant will be required to publish notice in a newspaper of general circulation, and the TCEQ will provide a copy of the notice of draft permit to persons who have requested to be on a mailing list.

Questions regarding this application may be directed to Mr. Deba Dutta, P.E., by calling 512-239-4608.

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

# TCEQ Interoffice Memorandum

---

**To:** Deba Dutta, Team Leader  
Municipal Permits Team  
**From:** Alan Barraza  
Water Quality Assessment Team  
**Date:** November 6, 2024  
**Subject:** Agronomy Recommendations, MRG ATX Holdings, LLC, Miravel Austin Spa and Resort, Renewal, Permit, WQ0014203001, Travis County

**Based upon review of the permit application and an evaluation of soils and agronomy information, the WQA Team reviewing agronomist recommends the following:**

1. Update Special Provision 4 to the following:

Subsurface irrigation practices shall be designed and managed so as to prevent ponding and surfacing of effluent, contamination of ground and surface water, and the occurrence of nuisance conditions in the area. To promote effluent and nutrient uptake by the crop, and to prevent pathways for effluent surfacing, native grasses, ashe juniper, and live oak shall be established and well maintained in the irrigation area throughout the year.

2. Update Special Provision 8 to the following:

For any area where treated effluent is stored or where there exist hose bibs or faucets, the permittee shall erect adequate signs stating that the irrigation water is from a non-potable water supply. Signs shall consist of a red slash superimposed over the international symbol for drinking water accompanied by the message "DO NOT DRINK THE WATER" in both English and Spanish. All piping transporting the effluent shall be clearly marked with these same signs.

3. Update Special Provision 10 to the following:

The permittee shall maintain a minimum rootable soil depth of 12 inches below the drip irrigation lines. The drip irrigation lines shall be laid directly on natural ground surface and covered above the ground surface with two to four (2-4) inches of a soil/mulch mixture. If imported soils are used, the permittee shall submit no later than 90 days prior to construction to the TCEQ Water Quality Assessment Team (MC 150) and the Wastewater Permitting Section (MC 148) of the Water Quality Division a plan for review/revision and approval describing how the imported soils will be incorporated into the native soils and how soil erosion will be prevented in the affected areas.

4. Add the following Special Provision:

Effluent shall not be applied for irrigation during rainfall events or when the ground is frozen or saturated.

5. Add the following Special Provision:

The physical condition of the land application fields shall be monitored on a weekly basis. Any area with problems such as surface runoff, surficial erosion, or stressed or damaged vegetation, etc., shall be recorded in a field log kept onsite. Corrective measures will be implemented within 24 hours of discovery.

# **TCEQ Interoffice Memorandum**

---

**To:** Deba Dutta, P.E., Lead, Municipal Permits Team

**From:** April Hoh, P.G., Geologist, Water Quality Assessment Team

**Date:** November 6, 2024

**Subject:** **Geology Compliance Review of Groundwater-Related Special Provisions for MRG ATX Holdings, LLC, Renewal Permit Application, Permit No. WQ0014203-001, Travis County**

Based upon the review of the existing permit language the WQA Team reviewing geologist recommends the following modifications to special provisions:

**Recommendations:**

Add the following as new special provisions to the renewed permit:

1. The permittee shall comply with buffer zone requirements of 30 TAC §309.13(c). A wastewater treatment plant unit, defined by 30 TAC Section §309.11(9), must be located a minimum horizontal distance of 250 ft from a private well and a minimum horizontal distance of 500 ft from a public water well site, spring, or other similar sources of public drinking water, as provided by §290.41(c)(1)(C) of this title.
2. The permittee shall locate the drip irrigation system a minimum horizontal distance of 500 feet from public water wells, springs, or other similar sources of public drinking water and 150 feet from private wells as described in 30 TAC §309.13(c)(1).



**From:** [Alan Barraza](#)  
**To:** [fred.brandstrader@hyatt.com](mailto:fred.brandstrader@hyatt.com); [Doug Tune](#)  
**Cc:** [April Hoh](#)  
**Subject:** WQ0014203001 Preliminary Review NOD  
**Date:** Wednesday, October 9, 2024 2:28:08 PM  
**Attachments:** [14203-001.Pretech.Oct2024.docx](#)

---

Good afternoon,

The Water Quality Assessment (WQA) Team of the Texas Commission on Environmental Quality has completed a preliminary review of the permit application information and identified deficiencies (attached) that must be addressed before the WQA Team can continue with the technical review. The deficient item(s) will require your response in a timely, complete, and accurate manner.

An accurate and complete revised permit application is essential for making recommendations to the commission regarding whether this permit should be issued. Based on the information provided in the application, the executive director does not have sufficient information to make a recommendation. Please send updated technically complete and accurate information within **14 days** (October 23<sup>rd</sup>) of the date of this email.

Any revisions can be sent electronically to myself or April Hoh. Please let us know if you have any questions.



**Alan Barraza**

Agronomist | Water Quality  
Assessment  
TCEQ | Water Quality Division | MC  
150  
Direct: 512-239-4642  
Fax: 512-239-4420  
12100 Park 35 Circle  
Austin, TX 78753

MRG ATX HOLDINGS, LLC – THE CROSSINGS WWTF  
PERMIT APPLICATION NO. WQ0014203001  
APPLICATION FOR A RENEWAL PERMIT  
Technical Completeness Review

Please address the following items:

**GEOLOGY/GROUNDWATER ITEMS**

No comments

**SOILS/AGRONOMY ITEMS**

1. Domestic Worksheet 3.0, Section 2, Land Application Site(s) – The submitted crop type and land use does not match the currently authorized crops in the permit (native vegetation, ashe juniper, live oak). Please update to match the current authorization.
2. Domestic Worksheet 3.0, Section 5, Annual Cropping Plan: Please submit a cropping plan answering each of the listed bullets. If not applicable, please state so.
3. Domestic Worksheet 3.0, Section 8.A, Soil Map: Please submit a USDA Soil Survey map depicting the actual application areas instead of the entire property.
4. Domestic Worksheet 3.0, Section 8, Table 3.0(4) Soil Data: Please complete this table at its entirety.

For geology/groundwater-related questions, please contact April Hoh, P.G. via email at [April.Hoh@tceq.texas.gov](mailto:April.Hoh@tceq.texas.gov) (preferred) or at 512-239-4585 and for agronomy related questions, please contact Alan Barraza via email at [Alan.Barraza@tceq.texas.gov](mailto:Alan.Barraza@tceq.texas.gov) (preferred) or at 512-239-4642.