



Administrative Package Cover Page

This file contains the following documents:

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



Portada de Paquete Administrativo

Este archivo contiene los siguientes documentos:

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

BLUE SKY RV LIVING
WATER RESOURCE RECOVERY FACILITY (WRRF)

Plain Language Summary

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 Texas Administrative Code Chapter 39. The information provided in this summary may change during the technical review of the application and is not a federally enforceable representation of the permit application.

Application for Proposed Permit No.: WQ0016854001 (EPA I.D. No. TX0148261)

Applicant Name: BSLR RV Fund I, LP (CN606412625)

Site Name: Blue Sky RV Living WRRF (RN112258033)

Type of Application: New

BSLR RV Fund I, LP, 2211 S Interstate 35 Ste 103, Austin, TX 78741, applied to the Texas Commission on Environmental Quality (TCEQ) for a New Texas Pollutant Discharge Elimination System (TPDES) Permit to authorize the disposal of treated wastewater at a volume not to exceed a daily average flow of 150,000 gallons per day via a discharge point that flows into a man-made ditch, thence to York Creek, thence to Classified Segment 1808 of the Lower San Marcos River in the Guadalupe River Basin

The domestic wastewater treatment facility will be located approximately 1.12 southwest of the intersection of Posey Rd and Interstate Hwy 35 near the city of San Marcos, in Hays County, Texas 78666. The permit application will be available for viewing and copying at San Marcos Public Library, 625 E Hopkins St, San Marcos, TX 78666.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD5), total suspended solids (TSS), ammonia nitrogen (NH3-N), and Escherichia coli. Domestic wastewater will be treated by a Membrane Bioreactor and the system will have a primary screen, equalization tank, multiple process trains consisting of anoxic, aeration, membrane zones, and sludge holding tanks. The facility will utilize UV disinfection.

BLUE SKY RV LIVING
WATER RESOURCE RECOVERY FACILITY (WRRF)

Plain Language Summary

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 exige 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 ejecutable a nivel federal de la solicitud de permiso.

Solicitud de Propuesta de Permiso Numero: WQ0016854001 (Numero de la EPA: TX0148261)

Nombre del solicitante: Bslr Rv Fund I, LP (CN606412625)

Nombre del sitio: Blue Sky RV Living WRRF (RN112258033)

Tipo de solicitud: Nueva

BSLR RV Fund I, LP, 2211 S Interstate 35 Ste 103, Austin, TX 78741, solicitó a la Comisión de Calidad Ambiental de Texas (TCEQ) un nuevo Permiso para el Sistema de Eliminación de Descargas Contaminantes de Texas (TPDES) para autorizar la disposición de aguas residuales tratadas en un volumen que no exceda un caudal promedio diario de 150,000 galones por día a través de un punto de descarga que desemboca en una zanja artificial, de ahí al arroyo York y de ahí al Segmento Clasificado 1808 del Bajo Río San Marcos en la Cuenca del Río Guadalupe.

La planta de tratamiento de aguas residuales domésticas se ubicará aproximadamente a 1.12 millas al suroeste de la intersección de Posey Rd y la Interestatal 35, cerca de la ciudad de San Marcos, en el Condado de Hays, Texas 78666. La solicitud de permiso estará disponible para consulta y copia en la Biblioteca Pública de San Marcos, 625 E Hopkins St, San Marcos, TX 78666.

Descargas de Se espera que la instalación contenga la demanda bioquímica de oxígeno carbonoso (DOC_{B5}) de cinco días, sólidos suspendidos totales (SST), nitrógeno amoniacal (NH₃-N) y Escherichia coli. Las aguas residuales domésticas se tratarán mediante un biorreactor de membranas. El sistema contará con un tamiz primario, un tanque de ecualización y múltiples trenes de proceso que incluyen zonas anóxicas, de aireación, de membranas y tanques de retención de lodos. La instalación utilizará desinfección UV.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



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

PROPOSED PERMIT NO. WQ0016854001

APPLICATION. BSLR RV Fund I, LP, 2211 South Interstate 35, Suite 103, Austin, Texas 78741, has applied to the Texas Commission on Environmental Quality (TCEQ) for proposed Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0016854001 (EPA I.D. No. TX0148261) to authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 150,000 gallons per day. The domestic wastewater treatment facility will be located approximately 1.12 miles southwest of the intersection of Interstate Highway 35 and Posey Road, near the city of San Marcos, in Hays County, Texas 78666. The discharge route will be from the plant site to a railroad ditch; thence to York Creek; thence to Lower San Marcos River. TCEQ received this application on July 31, 2025. The permit application will be available for viewing and copying at San Marcos Public Library, Circulation Desk, 625 East Hopkins Street, San Marcos, Texas prior to the date this notice is published in the newspaper. The application, including any updates, and associated notices are available electronically at the following webpage:

<https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications>. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application. <https://gisweb.tceq.texas.gov/LocationMapper/?marker=-98.014444,29.810833&level=18>

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

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

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

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

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

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

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

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

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

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

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

Further information may also be obtained from BSLR RV Fund I, LP at the address stated above or by calling Ms. Janela Revilla, P.E., JA Wastewater LLC, at 737-864-3476.

Issuance Date: September 19, 2025

Comisión de Calidad Ambiental del Estado de Texas



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

PERMISO PROPUESTO NO. WQ0016854001

SOLICITUD. BSLR RV Fund I, LP, 2211 South Intéstate 35, Suite 103, Austin, Texas 78741, ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para el propuesto Permiso No. WQ0016854001 (EPA I.D. No. TX 0148261) del Sistema de Eliminación de Descargas de Contaminantes de Texas (TPDES) para autorizar la descarga de aguas residuales tratadas en un volumen que no sobrepasa un flujo promedio diario de 150,000 galones por día. La planta está ubicada aproximadamente a 1,12 millas al suroeste de la intersección de la autopista interestatal 35 y Posey Road, cerca de la ciudad de San Marcos, en el Condado de Hays, Texas. La ruta de descarga será desde las instalaciones de la planta hasta una zanja ferroviaria; de allí al arroyo York; de allí al bajo río San Marcos. La TCEQ recibió esta solicitud el 31 de julio de 2025. La solicitud de permiso estará disponible para su consulta y copia en la Biblioteca Pública de San Marcos, mostrador de circulación, 625 East Hopkins Street, San Marcos, Texas, antes de la fecha de publicación de este aviso en el periódico. La solicitud, incluidas las actualizaciones y los avisos asociados, está disponible electrónicamente en la siguiente página web:

<https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications>. Este enlace a un mapa electrónico de la ubicación general del sitio o de la instalación es proporcionado como una cortesía y no es parte de la solicitud o del aviso. Para la ubicación exacta, consulte la solicitud. <https://gisweb.tceq.texas.gov/LocationMapper/?marker=-98.014444,29.810833&level=18>

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

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

OPORTUNIDAD DE UNA AUDIENCIA ADMINISTRATIVA DE LO CONTENCIOSO.

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

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

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

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

CONTACTOS E INFORMACIÓN 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 BSLR RV Fund I, LP a la dirección indicada arriba o llamando a Janela Revilla, P.E., JA Wastewater LLC al 737-864-3476.

Fecha de emisión 19 de septiembre de 2025



September 3, 2025

Abesha Michael
Applications Review and Processing Team (MC148)
Water Quality Division
Texas Commission on Environmental Quality (MC-150)
PO Box 13087
Austin, TX 78711-3087

Dear Ms. Michael,

Please see our responses below regarding the Notice of Deficiency for Blue Sky RV Living WRRF (WQ0016854001).

1. Section 1, Public Viewing Location Information: Thank you for addressing the public viewing location in Hays County. However, as per the USGS location map, the applicant property is in Hays and Comal counties. We need a public viewing location in both counties. Please provide the public location in Comal County.

New Braunfels Public Library is now listed as an additional public viewing location. Please see attached Section 8, item D. Does this indicate that the public notice will have to be published in both Comal and Hays, even though the WRRF site and discharge point are in Hays county only?

2. Section 9, item D, Site Information on page 7 of the administrative report 1.0: Thank you for addressing this item. However, the owner of the facility is indicated as Mr. Timothy Hatch not the applicant, Bslr Rv Fund I, LP. If the applicant, Bslr Rv Fund I, LP is the owner of the land please update page 7 and submit a revised page. If not, please submit a deed or a long-term lease agreement signed by both parties.

The property is owned by BSLR RV Fund 1 LP. Timothy Hatch is the authorized signatory of BSLR RV Fund 1 LP. Please see attached Section 9, item D from the Word document version of TCEQ-11053. Please note, the administrative portion was originally completed online via STEERS.

3. Section 10, item B, TPDES Discharge Information on page 8 of the administrative report 1.0: Please update the discharge information and submit a revised page 8.

Please see attached Section 10, item B from the Word document version of TCEQ-11053. The administrative portion was completed online via STEERS and as I'm reviewing the receipt, I do not see the Discharge Information section. Do you suggest to include this page manually in future permit applications submitted online via STEERS?

4. Section 13, on page 10 of the administrative report: Thank you for the full-size USGS map. However, the USGS map does not show all the required information. The discharge route does not show to 3 miles downstream Please submit a

revised USGS top graphic map: The applicant property boundary, the facility boundaries within the applicant property boundary, the point of discharge, highlighted discharge route (using a see-through highlighter) for 3 miles downstream or until it reaches into a lake, bay estuary, or affected by tides, a classified segment from the point of discharge, and 1 mile radius in all directions of the site. Please use the USGS Full-size map for the proposed application.

Please see the attached USGS map. The USGS map was originally submitted online via STEERS. Would you suggest a different upload method in future permit applications?

5. Plain Language Summary (PLS): Thank you for submitting the PLS English and Spanish. Please update the PLS with the information with the Subject line of this NOD letter. Customer Number (CN) and the Regulated Number (RN) and name.

Please see the attached updated Plain Language Summary.

6. Supplemental Permit Information Form (SPIF): Thank you for SPIF form. However, items 1, 3 and 4 were left blank. Please update these items, if not applicable, please indicate as 'NA'.

Please see the attached updated SPIF Form.

7. 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.

The information here is correct. The only comment is to capitalize "BSLR RV". The administrative portion was completed online via STEERS and may have affected the formatting of the client name.

8. 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 see attached Spanish Translation.

Please let us know if you need anything else.

Thank you,

Janela Revilla, P.E.
Project Engineer
JA Wastewater, LLC

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

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

☒ E-mail Address

☐ Fax

☐ Regular Mail

C. Contact permit to be listed in the Notices

Prefix: Ms.

Last Name, First Name: Revilla, Janela

Title: Project Engineer

Credential: P.E.

Organization Name: JA Wastewater, LLC

Mailing Address: 3410 Far West Blvd, Ste 170 City, State, Zip Code: Austin, TX 78731

Phone No.: (737) 864-3476

E-mail Address: jrevilla@jawastewater.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: San Marcos Public Library | New Braunfels Public Library

Location within the building: Circulation Desk

Physical Address of Building: 625 E Hopkins St, San Marcos | 700 E Commons St, New Braunfels

City: San Marcos | New Braunfels

County: Hays | Comal

Contact (Last Name, First Name):

Phone No.: San Marcos PL: (512) 393-8200 | New Braunfels PL: (830) 221-4300 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. Summary of Application in Plain Language Template

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

Attachment: Plain Language Summary

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: Public Involvement Plan Form

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 112258033

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):

Blue Sky RV Living WRRF

C. Owner of treatment facility: BSLR RV Fund I, LP

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

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

Prefix: _ Last Name, First Name:

Title: _ Credential:

Organization Name: BSLR RV Fund I, LP

Mailing Address: 2211 S Interstate 35, Ste 103 City, State, Zip Code: Austin, TX 78741

Phone No.: (512) 775-0435 E-mail Address: tim@blueskyrvliving.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:

E. Owner of effluent disposal site:

Prefix: _

Last Name, First Name:

Title: _

Credential:

Organization Name:

Mailing Address: _

City, State, Zip Code:

Phone No.: _

E-mail Address:

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:

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

Prefix: _

Last Name, First Name:

Title: _

Credential:

Organization Name:

Mailing Address: _

City, State, Zip Code:

Phone No.: _

E-mail Address:

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:

Section 10. TPDES Discharge Information (Instructions Page 31)

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

☐

Yes

☐

No

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

The facility will be located approximately 1.12 miles SW of the intersection of Posey Rd and Interstate Highway 35 near the city of San Marcos, in Hays County, Texas 78666.

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:

The discharge point flows into a man-made ditch, thence to York Creek, thence to Lower San Marcos River in the Guadalupe River Basin.

City nearest the outfall(s): San Marcos

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

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

☐

Yes

☒

No

☐ Disturbance of vegetation or wetlands

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

NA

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

The project location is undeveloped land.

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

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

NA

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

The property will be developed by BSLR RV FUND I, LP.

BLUE SKY RV LIVING
WATER RESOURCE RECOVERY FACILITY (WRRF)

Plain Language Summary

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 Texas Administrative Code Chapter 39. The information provided in this summary may change during the technical review of the application and is not a federally enforceable representation of the permit application.

Application for Proposed Permit No.: WQ0016854001 (EPA I.D. No. TX0148261)

Applicant Name: BSLR RV Fund I, LP (CN606412625)

Site Name: Blue Sky RV Living WRRF (RN112258033)

Type of Application: New

BSLR RV FUND I, LP, 2211 S Interstate 35 Ste 103, Austin, TX 78741, applied to the Texas Commission on Environmental Quality (TCEQ) for a New Texas Pollutant Discharge Elimination System (TPDES) Permit to authorize the disposal of treated wastewater at a volume not to exceed a daily average flow of 150,000 gallons per day via a discharge point that flows into a man-made ditch, thence to York Creek, thence to Classified Segment 1808 of the Lower San Marcos River in the Guadalupe River Basin

The domestic wastewater treatment facility will be located approximately 1.12 southwest of the intersection of Posey Rd and Interstate Hwy 35 near the city of San Marcos, in Hays County, Texas 78666. The permit application will be available for viewing and copying at San Marcos Public Library, 625 E Hopkins St, San Marcos, TX 78666.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD5), total suspended solids (TSS), ammonia nitrogen (NH3-N), and Escherichia coli. Domestic wastewater will be treated by a Membrane Bioreactor and the system will have a primary screen, equalization tank, multiple process trains consisting of anoxic, aeration, membrane zones, and sludge holding tanks. The facility will utilize UV disinfection.

BLUE SKY RV LIVING
WATER RESOURCE RECOVERY FACILITY (WRRF)

Plain Language Summary

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 exige 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 ejecutable a nivel federal de la solicitud de permiso.

Solicitud de Propuesta de Permiso Numero: WQ0016854001 (Numero de la EPA: TX0148261)

Nombre del solicitante: Bslr Rv Fund I, LP (CN606412625)

Nombre del sitio: Blue Sky RV Living WRRF (RN112258033)

Tipo de solicitud: Nueva

BSLR RV Fund I, LP, 2211 S Interstate 35 Ste 103, Austin, TX 78741, solicitó a la Comisión de Calidad Ambiental de Texas (TCEQ) un nuevo Permiso para el Sistema de Eliminación de Descargas Contaminantes de Texas (TPDES) para autorizar la disposición de aguas residuales tratadas en un volumen que no exceda un caudal promedio diario de 150,000 galones por día a través de un punto de descarga que desemboca en una zanja artificial, de ahí al arroyo York y de ahí al Segmento Clasificado 1808 del Bajo Río San Marcos en la Cuenca del Río Guadalupe.

La planta de tratamiento de aguas residuales domésticas se ubicará aproximadamente a 1.12 millas al suroeste de la intersección de Posey Rd y la Interestatal 35, cerca de la ciudad de San Marcos, en el Condado de Hays, Texas 78666. La solicitud de permiso estará disponible para consulta y copia en la Biblioteca Pública de San Marcos, 625 E Hopkins St, San Marcos, TX 78666.

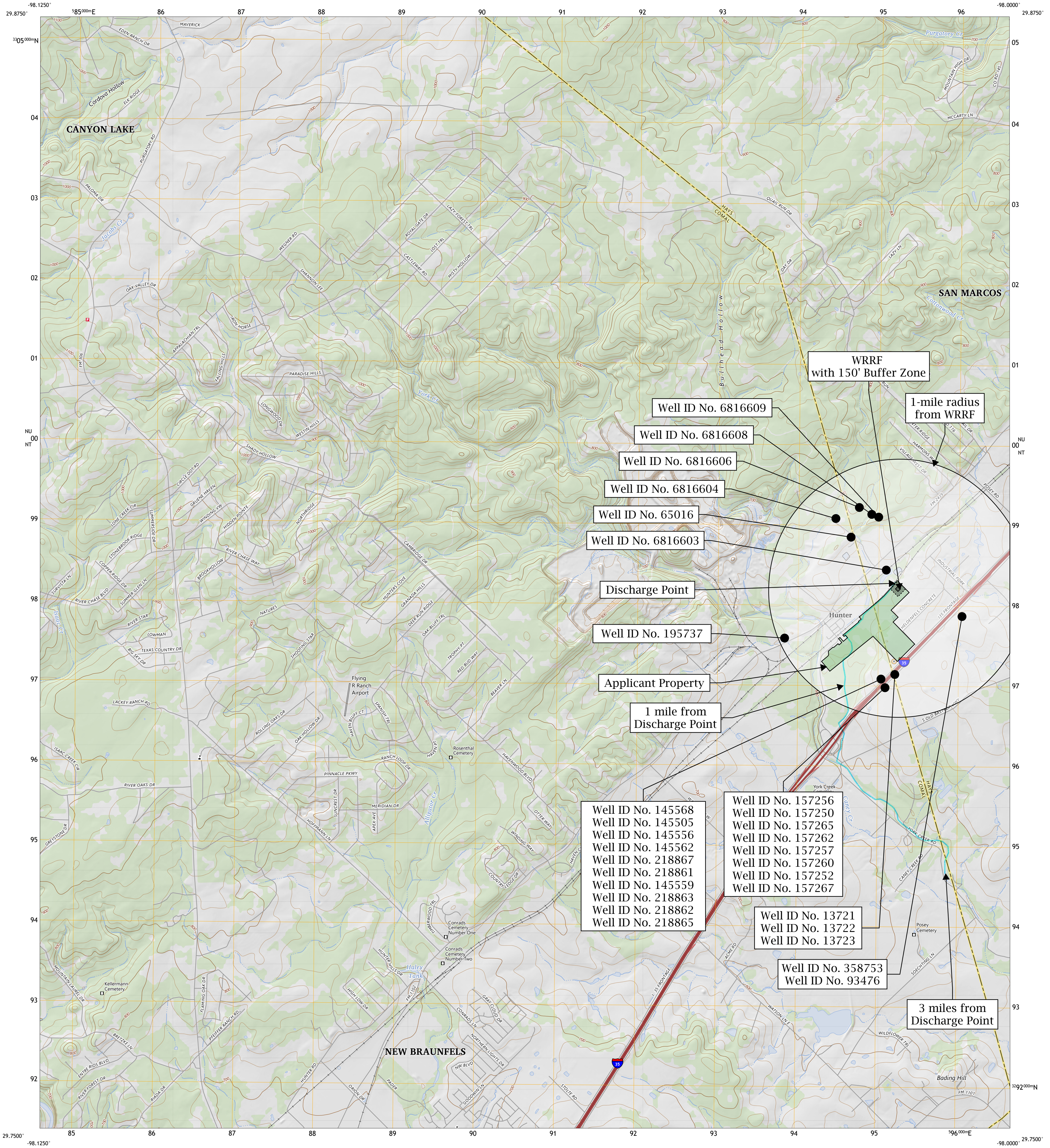
Descargas de Se espera que la instalación contenga la demanda bioquímica de oxígeno carbonoso (DOC_{B5}) de cinco días, sólidos suspendidos totales (SST), nitrógeno amoniacal (NH₃-N) y Escherichia coli. Las aguas residuales domésticas se tratarán mediante un biorreactor de membranas. El sistema contará con un tamiz primario, un tanque de ecualización y múltiples trenes de proceso que incluyen zonas anóxicas, de aireación, de membranas y tanques de retención de lodos. La instalación utilizará desinfección UV.



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

BLUE SKY RV LIVING WATER RESOURCE RECOVERY FACILITY (WRRF) USGS Map

HUNTER QUADRANGLE
TEXAS
7.5-MINUTE TOPO

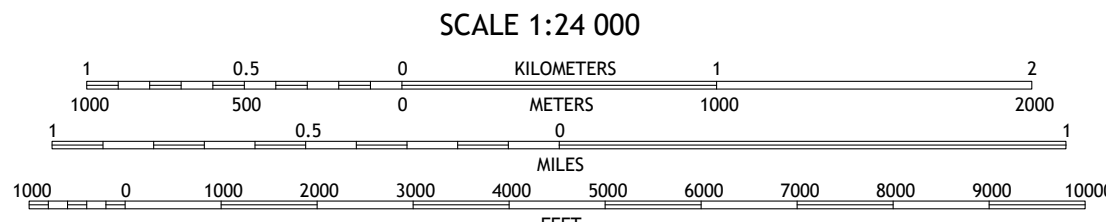
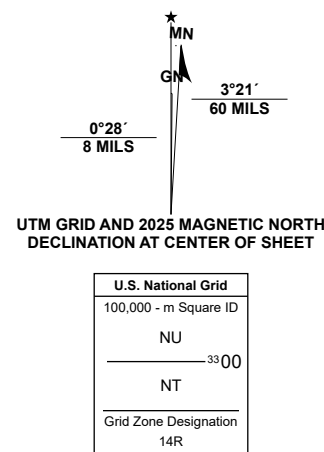


Produced by the United States Geological Survey

North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1 000-meter grid: UNIVERSAL TRANSVERSE MERCATOR, ZONE 14R
Data is provided by The National Map (TNM), is the best available at the time of map
generation, and includes data content from supporting themes of Elevation,
Hydrography, Geographic Names, Boundaries, Transportation, Structures, Land Cover,
and Orthoimagery. Refer to associated Federal Geographic Data Committee (FGDC)
Metadata for additional source data information.

This map is not a legal document. Boundaries may be generalized for this map scale.
Private lands within government reservations may not be shown. Obtain permission
before entering private lands. Temporal changes may have occurred since these data
were collected and some data may no longer represent actual surface conditions.

Learn About The National Map: <https://nationalmap.gov>



Devils Backbone	San Marcos North
Sattler	San Marcos South
New Braunfels West	New Braunfels East

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

HUNTER, TX
2025



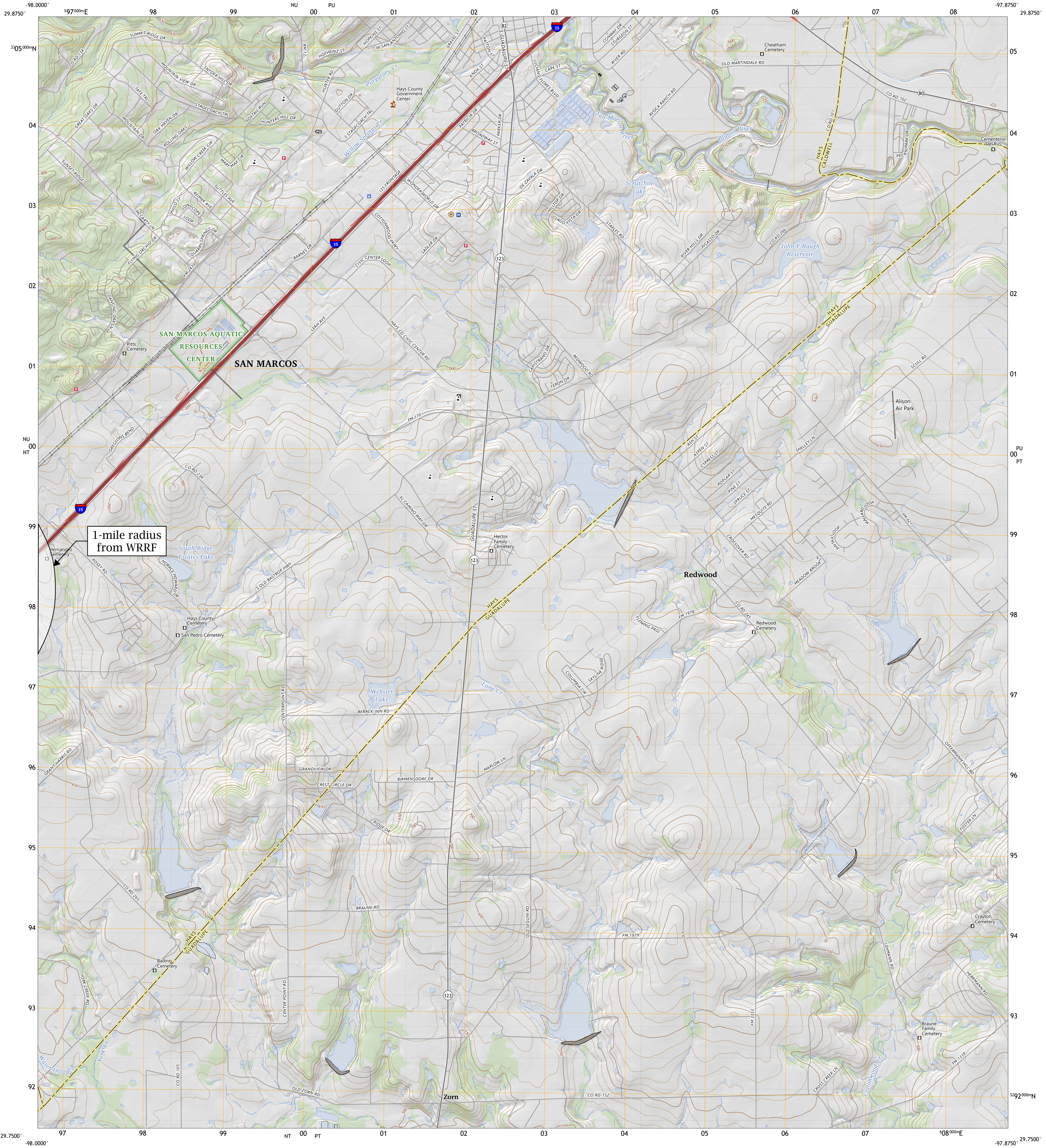
ADJOINING QUADRANGLES



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

BLUE SKY RV LIVING
WATER RESOURCE RECOVERY FACILITY (WRRF)
USGS Map

SAN MARCOS SOUTH QUADRANGLE
TEXAS
7.5-MINUTE TOPO



Produced by the United States Geological Survey

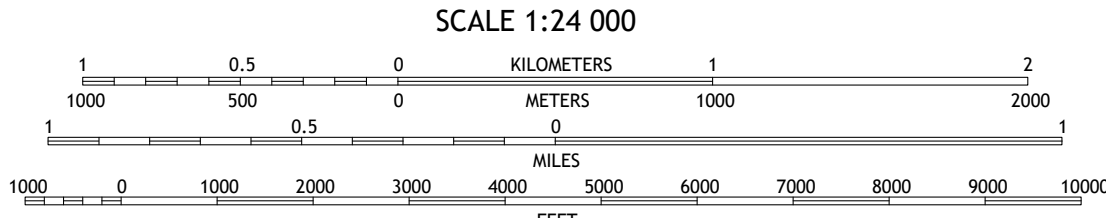
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1 000-meter grid: UNIVERSAL TRANSVERSE MERCATOR, ZONE 14R
Data is provided by The National Map (TNM), is the best available at the time of map
generation, and includes data content from supporting themes of Elevation,
Hydrography, Geographic Names, Boundaries, Transportation, Structures, Land Cover,
and Orthoimagery. Refer to associated Federal Geographic Data Committee (FGDC)
Metadata for additional source data information.

This map is not a legal document. Boundaries may be generalized for this map scale.
Private lands within government reservations may not be shown. Obtain permission
before entering private lands. Temporal changes may have occurred since these data
were collected and some data may no longer represent actual surface conditions.

Learn About The National Map: <https://nationalmap.gov>

UTM GRID AND 2025 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

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



CONTOUR INTERVAL 10 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988
CONTOUR SMOOTHNESS = Medium

USER DEFINED CONTENT



QUADRANGLE LOCATION

Winberry	San Marcos North	Umland
Hunter	San Marcos South	Martindale
New Braunfels East	Georgetown Kingsbury	

ADJOINING QUADRANGLES

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

SAN MARCOS SOUTH, TX
2025



Comisión de Calidad Ambiental del Estado de Texas



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

PERMISO PROPUESTO NO. WQ00_____

SOLICITUD. BSLR RV Fund I, LP, 2211 South I-35, Suite 103, Austin, Texas 78741, ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para el propuesto Permiso No. WQ0016854001 (EPA I.D. No. TX 0148261) del Sistema de Eliminación de Descargas de Contaminantes de Texas (TPDES) para autorizar la descarga de aguas residuales tratadas en un volumen que no sobrepasa un flujo promedio diario de 150,000 galones por día. La planta está ubicada aproximadamente a 1,12 millas al suroeste de la intersección de la autopista interestatal 35 y Posey Road, cerca de la ciudad de San Marcos, en el Condado de Hays, Texas. La ruta de descarga es del sitio de la planta una zanja artificial; de allí al arroyo York; de allí al bajo río San Marcos (pendiente de confirmación de RWA). La TCEQ recibió esta solicitud el 31 de julio de 2025. La solicitud para el permiso estará disponible para leerla y copiarla en Biblioteca Pública de San Marcos, Mostrador de Circulación, 625 East Hopkins Street, San Marcos, Condado de Hays antes de la fecha de publicación de este aviso en el periódico. La solicitud, incluidas las actualizaciones y los avisos asociados, está disponible electrónicamente en la siguiente página web:

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

Este enlace a un mapa electrónico de la ubicación general del sitio o de la instalación es proporcionado como una cortesía y no es parte de la solicitud o del aviso. Para la ubicación exacta, consulte la solicitud. <https://gisweb.tceq.texas.gov/LocationMapper/?marker=-98.014444,29.810833&level=18>

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

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

personas a lo largo del condado que desean recibir los avisos y los que están en la lista de correo que desean recibir avisos de esta solicitud. El aviso dará la fecha límite para someter comentarios públicos.

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

OPORTUNIDAD DE UNA AUDIENCIA ADMINISTRATIVA DE LO CONTENCIOSO. Después del plazo para presentar comentarios públicos, el Director Ejecutivo considerará todos los comentarios apropiados y preparará una respuesta a 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 por qué el miembro sería afectado; y explicar cómo los intereses que el grupo desea proteger son pertinentes al propósito del grupo.

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

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

CONTACTOS E INFORMACIÓN 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 BSLR RV Fund I, LP a la dirección indicada arriba o llamando a Janela Revilla, P.E./JA Wastewater LLC al 737-864-3476.

Fecha de emisión _____ *[Date notice issued]*

Brooke T. Paup, *Chairwoman*
Bobby Janecka, *Commissioner*
Catarina R. Gonzales, *Commissioner*
Kelly Keel, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

July 31, 2025

Re: Confirmation of Submission of the New Private Domestic Wastewater Individual Permit Application

Dear Applicant:

This is an acknowledgement that you have successfully completed Private Domestic Wastewater Individual Permit Application.

ER Account Number: ER114629
Application Reference Number: 799841
Authorization Number: WQ0016854001
Site Name: Blue Sky Rv Living Wrrf
Regulated Entity: RN112258033 - BLUE SKY RV LIVING WRRF
Customer(s): CN606412625 - Bslr Rv Fund I, LP

Please be aware that TCEQ staff may contact your designated contact for any additional information.

If you have any questions, you may contact the Applications Review and Processing Team by email at WQ-ARPTeam@tceq.texas.gov or by telephone at (512) 239-4671.

Sincerely,
Applications Review and Processing Team
Water Quality Division

Texas Commission on Environmental Quality
New Domestic or Industrial Individual Permit

Site Information (Regulated Entity)

What is the name of the site to be authorized?	Blue Sky RV Living WRRF
Does the site have a physical address?	No
Because there is no physical address, describe how to locate this site:	approximately 1.12 southwest of the intersection of Posey Rd and Interstate Hwy 35
City	San Marcos
State	TX
ZIP	78666
County	HAYS
Latitude (N) (##.#####)	29.8108
Longitude (W) (-###.#####)	-98.0144
Primary SIC Code	4952
Secondary SIC Code	
Primary NAICS Code	
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	
What is the name of the Regulated Entity (RE)?	Blue Sky RV Living WRRF
Does the RE site have a physical address?	No
Because there is no physical address, describe how to locate this site:	approximately 1.12 southwest of the intersection of Posey Rd and Interstate Hwy 35
City	San Marcos
State	TX
ZIP	78666
County	HAYS
Latitude (N) (##.#####)	29.8108
Longitude (W) (-###.#####)	-98.0144
Facility NAICS Code	
What is the primary business of this entity?	Wastewater Treatment

BSLR RV-Customer (Applicant) Information (Owner)

How is this applicant associated with this site?	Owner
What is the applicant's Customer Number (CN)?	
Type of Customer	Partnership
Full legal name of the applicant:	
Legal Name	BSLR RV FUND I, LP
Texas SOS Filing Number	803826072
Federal Tax ID	
State Franchise Tax ID	32076655334
State Sales Tax ID	
Local Tax ID	
DUNS Number	
Number of Employees	0-20
Independently Owned and Operated?	Yes
I certify that the full legal name of the entity applying for this permit has been provided and is legally authorized to do business in Texas.	Yes
Responsible Authority Contact	
Organization Name	BSLR RV FUND I, LP
Prefix	MR
First	Timothy
Middle	
Last	Hatch
Suffix	
Credentials	
Title	Authorized Signatory
Responsible Authority Mailing Address	
Enter new address or copy one from list:	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	2211 S INTERSTATE 35
Routing (such as Mail Code, Dept., or Attn:)	Ste 103
City	AUSTIN
State	TX
ZIP	78741
Phone (###-###-####)	5127750435
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	tim@blueskyrvliving.com

Billing Contact

Responsible contact for receiving billing statements:	
Select the permittee that is responsible for payment of the annual fee.	
Organization Name	BSLR RV FUND I, LP
Prefix	BSLR RV FUND I, LP
First	MR
Middle	Timothy
Last	
Suffix	Hatch
Credentials	
Title	Authorized Signatory
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	2211 S INTERSTATE 35
Routing (such as Mail Code, Dept., or Attn:)	Ste 103
City	AUSTIN
State	TX
ZIP	78741
Phone (###-###-####)	5127750435
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	tim@blueskyrvliving.com

Application Contact

Person TCEQ should contact for questions about this application:	
Same as another contact?	
Organization Name	JA Wastewater LLC
Prefix	MISS
First	Janela
Middle	
Last	Revilla
Suffix	

Credentials	PE
Title	Project Engineer
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	3410 FAR WEST BLVD
Routing (such as Mail Code, Dept., or Attn:)	Ste 170
City	AUSTIN
State	TX
ZIP	78731
Phone (###-###-####)	7378643476
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	jrevilla@jawastewater.com

Technical Contact

Person TCEQ should contact for questions about this application:

Same as another contact?

Organization Name

Prefix

First

Middle

Last

Suffix

Credentials

Title

Enter new address or copy one from list:

Mailing Address

Address Type

Mailing Address (include Suite or Bldg. here, if applicable)

Routing (such as Mail Code, Dept., or Attn:)

City

State

ZIP

Phone (###-###-####)

JA Wastewater LLC
MISS
Jamie
Miller
PE
President
Domestic
3410 FAR WEST BLVD
Ste 170
AUSTIN
TX
78731
9704439096

Extension

Alternate Phone (###-###-####)

Fax (###-###-####)

E-mail

jmillier@jawastewater.com

DMR Contact

Person responsible for submitting Discharge Monitoring Report Forms:

Same as another contact?

Organization Name

Prefix

First

Middle

Last

Suffix

Credentials

Title

Enter new address or copy one from list:

Mailing Address:

Address Type

Mailing Address (include Suite or Bldg. here, if applicable)

Routing (such as Mail Code, Dept., or Attn:)

City

State

ZIP

Phone (###-###-####)

Extension

Alternate Phone (###-###-####)

Fax (###-###-####)

E-mail

Billing Contact

BSLR RV FUND I, LP

MR

Timothy

Hatch

Authorized Signatory

Domestic

2211 S INTERSTATE 35

Ste 103

AUSTIN

TX

78741

5127750435

tim@blueskyrvliving.com

Section 1# Permit Contact

Permit Contact#: 1

Person TCEQ should contact throughout the permit term.

1) Same as another contact?

2) Organization Name

Application Contact

JA Wastewater LLC

3) Prefix	MISS
4) First	Janela
5) Middle	
6) Last	Revilla
7) Suffix	
8) Credentials	PE
9) Title	Project Engineer
Mailing Address	
10) Enter new address or copy one from list	
11) Address Type	Domestic
11.1) Mailing Address (include Suite or Bldg. here, if applicable)	3410 FAR WEST BLVD
11.2) Routing (such as Mail Code, Dept., or Attn:)	Ste 170
11.3) City	AUSTIN
11.4) State	TX
11.5) ZIP	78731
12) Phone (###-###-####)	7378643476
13) Extension	
14) Alternate Phone (###-###-####)	
15) Fax (###-###-####)	
16) E-mail	jrevilla@jawastewater.com

Public Notice Information

Individual Publishing the Notices

1) Prefix	MS
2) First and Last Name	Janela Revilla
3) Credential	PE
4) Title	Project Engineer
5) Organization Name	JA Wastewater LLC
6) Mailing Address	3410 FAR WEST BLVD
7) Address Line 2	Ste 170
8) City	AUSTIN
9) State	TX
10) Zip Code	78731
11) Phone (###-###-####)	7378643476
12) Extension	
13) Fax (###-###-####)	

14) Email	jrevilla@jawastewater.com
Contact person to be listed in the Notices	
15) Prefix	MISS
16) First and Last Name	Janela Revilla
17) Credential	PE
18) Title	Project Engineer
19) Organization Name	JA Wastewater LLC
20) Phone (###-###-####)	7378643476
21) Fax (###-###-####)	
22) Email	jrevilla@jawastewater.com
Bilingual Notice Requirements	
23) 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
23.1) Are the students who attend either the elementary school or the middle school enrolled in a bilingual education program at that school?	Yes
23.2) Do the students at these schools attend a bilingual education program at another location?	No
23.3) 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)?	No
23.4) Which language is required by the bilingual program?	Spanish

Section 1# Public Viewing Information

County#: 1

1) County	HAYS
2) Public building name	San Marcos Public Library
3) Location within the building	Circulation Desk
4) Physical Address of Building	625 E Hopkins St
5) City	San Marcos
6) Contact Name	
7) Phone (###-###-####)	5123938200
8) Extension	
9) Is the location open to the public?	Yes

Owner Information

Owner of Treatment Facility

1) Prefix	MR
-----------	----

2) First and Last Name	Timothy Hatch
3) Organization Name	BSLR RV FUND I LP
4) Mailing Address	2211 S Interstate 35
5) City	Austin
6) State	TX
7) Zip Code	78741
8) Phone (###-###-####)	5127750435
9) Extension	
10) Email	tim@blueskyrvliving.com
11) What is ownership of the treatment facility?	Private
Owner of Land (where treatment facility is or will be)	
12) Prefix	MR
13) First and Last Name	Timothy Hatch
14) Organization Name	BSLR RV FUND I LP
15) Mailing Address	2211 S Interstate 35
16) City	Austin
17) State	TX
18) Zip Code	78741
19) Phone (###-###-####)	5127750435
20) Extension	
21) Email	tim@blueskyrvliving.com
22) Is the landowner the same person as the facility owner or co-applicant?	Yes

Admin General Information

1) Is the facility located on or does the treated effluent cross American Indian Land?	No
2) What is the authorization type that you are seeking?	Private Domestic Wastewater
2.1) Is the facility previously authorized under a Water Quality individual permit?	No
2.2) What is the proposed total flow in MGD discharged at the facility?	0.15
2.3) Select the applicable fee	>=0.10 MGD but < 0.25 MGD - \$850
3) What is your facility operational status?	Inactive
4) What is the classification for your authorization?	TPDES
4.1) City nearest the outfall(s):	San Marcos
4.2) County where the outfalls are located:	HAYS
4.3) Is or will the treated wastewater discharge to a city, county, or state highway right-of-way, or a flood control district drainage ditch?	No
4.4) Is the daily average discharge at your facility of 5 MGD or more?	No

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

No

Plain Language

1) Plain Language

[File Properties]

File Name

LANG_6 Plain Language Summary.pdf

Hash

F718E9111E4DD158EA5EFA3EDE543669DA8B7A1E38C0DC18F61CC9F86051110A

MIME-Type

application/pdf

Supplemental Permit Information Form

1) Supplemental Permit Information Form (SPIF)

[File Properties]

File Name

SPIF_3 SPIF.pdf

Hash

E03AD1E741D2FF16EFB5144C0763C2AE4B2FEDC43D76EB1A2CBAEA556613843D

MIME-Type

application/pdf

[File Properties]

File Name

SPIF_4 SPIF Map.pdf

Hash

1DA52CDAA53F404E57DD0614FF7A94FBB22F7B2B3E1309F7F317B9434022B9CD

MIME-Type

application/pdf

Domestic Attachments

1) Have you clearly outlined and labeled the required information on the original full size USGS Topographic Map?

Yes

1.1) I certify that I have clearly outlined and labeled the required information on the Topographic map and attached here.

[File Properties]

File Name

MAP_11 USGS Map.pdf

Hash

536627C26CCBB2BA403104758D9742BEEBCCF0D7DC846AE98E17F7B05CCA7CEF

MIME-Type

application/pdf

2) Public Involvement Plan attachment (TCEQ Form 20960)

[File Properties]

File Name	PIP_7 PIP Form.pdf
Hash	C81597DDB1A5AAFFE4F1BF45ECA9A991669A0A59E328D48E60DD92FD4AF56B5F
MIME-Type	application/pdf
3) Administrative Report 1.1	
[File Properties]	
File Name	ARPT_2 Admin Report.pdf
Hash	4F3B93C65D233AB43390495009F053359EBFBD6BB83707001E06413F8E0ECFBE
MIME-Type	application/pdf
4) I confirm that all required sections of Technical Report 1.0 are complete and will be included in the Technical Attachment.	Yes
4.1) I confirm that Technical Report 1.1 is complete and included in the Technical Attachment.	Yes
4.2) I confirm that Worksheet 2.0 (Receiving Waters) is complete and included in the Technical Attachment.	Yes
4.3) Are you planning to include Worksheet 2.1 (Stream Physical Characteristics) in the Technical Attachment?	No
4.4) Are you planning to include Worksheet 4.0 (Pollutant Analyses Requirements) in the Technical Attachment?	No
4.5) Are you planning to include Worksheet 5.0 (Toxicity Testing Requirements) in the Technical Attachment?	No
4.6) Are you planning to include Worksheet 7.0 (Class V Injection Well Inventory/Authorization Form) in the Technical Attachment?	No
4.7) Technical Attachment	
[File Properties]	
File Name	TECH_13 Technical Report.pdf
Hash	C2FEC5F426F03D6C32D86FB7234A3C4FE7BDABA316165A2E3E6E1AE499E99DAB
MIME-Type	application/pdf
5) Affected Landowners Map	
[File Properties]	
File Name	LANDMP_8 Affected Landowner Map.pdf
Hash	2685486D213DCC9128E362F45D72DC5B9EA36165482ECB6DC0109D1AE1F34E69
MIME-Type	application/pdf
6) Landowners Cross Reference List	
[File Properties]	
File Name	LANDCRL_9 Affected Landowner List.pdf
Hash	5E717F91114FC198F5F90C896E3505E42063CA3F72AD9C307D381F09890B4E7F

MIME-Type	application/pdf
7) Landowner Avery Template	
[File Properties]	
File Name	LANDAT_10 Mailing Labels.pdf
Hash	ABEE0D60EF582D6F90AC26F08DB97CB639BAF7225811FE076F98154513B1E81B
MIME-Type	application/pdf
8) Buffer Zone Map	
[File Properties]	
File Name	BUFF_ZM_19 Buffer Zone Map.pdf
Hash	4D8E7F2FC2BD41A30332CAF8BC9F797236082C2FA0933ED660C8762FEECD02C3
MIME-Type	application/pdf
9) Flow Diagram	
[File Properties]	
File Name	FLDIA_14 Flow Diagram.pdf
Hash	A3ED468A9F46317B00602CB3DCC0DF0AD7AB41396C3A875ECAFC8A93CC5E2F5E
MIME-Type	application/pdf
10) Site Drawing	
[File Properties]	
File Name	SITEDR_20 Site Map.pdf
Hash	2D5A4CAC12ADC77116F9780DB54A6AB1AA531F584B890D9FF4710E6841DA8171
MIME-Type	application/pdf
11) Original Photographs	
[File Properties]	
File Name	ORIGPH_22 Original Photos.pdf
Hash	93AD237D09F0DF8AE243A4A611B7E11EE09E4A1F6CD8D48C28652A36A26D3951
MIME-Type	application/pdf
[File Properties]	
File Name	ORIGPH_21 Original Photos.pdf
Hash	A8470DBC54C60271B4D69BE205E5C0980271F615A2C192ADC3FF51D130EE0C18
MIME-Type	application/pdf
12) Design Calculations	

[File Properties]

File Name

DES_CAL_16 Design Calculations.pdf

Hash

6A16A182D1F7ABC774B186624DB3A4C2CF955C58F670AD44ECE5524A4D92B002

MIME-Type

application/pdf

13) Solids Management Plan

[File Properties]

File Name

SMP_17 Solids Management Plan.pdf

Hash

0B2E9B6C06FB2DE6D68CFF8AC1C15CE016431D60F4C30912E7CBE9F614055EF9

MIME-Type

application/pdf

14) Water Balance

[File Properties]

File Name

WB_Placeholder.pdf

Hash

8E7B3315A797A80EF7A9536344D2FC85FDE6930B8DB871C4D449EC4B5DC0F29C

MIME-Type

application/pdf

15) Other Attachments

[File Properties]

File Name

OTHER_12 Well Data.pdf

Hash

2949174290C94807DB54A0D18A4529B465C7823C9C78B665DD950BD09DC88886

MIME-Type

application/pdf

[File Properties]

File Name

OTHER_15 Treatment Process and Unit Sizing.pdf

Hash

C39319008CBEAD485CD80EB702B1D81E8E02443FDF857588708C51F5BE03D60E

MIME-Type

application/pdf

[File Properties]

File Name

OTHER_18 Wind Rose.pdf

Hash

BC37706A55EDFF6053CE088C8EF5BAF29605AE7A82CA4CA461B7597C1D0B0DA3

MIME-Type

application/pdf

[File Properties]

File Name

OTHER_23 Nearby Facilities.pdf

Hash

7170EE14A82BCD5FB67D8BE19DF7735E9396A202C8AFAB52C157153088362C39

MIME-Type

application/pdf

[File Properties]

File Name

OTHER_24 Nearby Facilities Letters.pdf

Hash

662ED7E931EEF5AEE8D5CEBCD49ED6544D0A3F33DD6D9020D9F814D786983F46

MIME-Type

application/pdf

Certification

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

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.

1. I am Timothy Hatch, the owner of the STEERS account ER109798.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing New Domestic or Industrial Individual Permit.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OWNER Signature: Timothy Hatch OWNER

Customer Number:

Legal Name:

BSLR RV FUND I, LP

Account Number:

ER109798

Signature IP Address:

70.112.156.9

Signature Date:

2025-07-29

Signature Hash:

E6AEE94D7CE31A3DA0F7F1AA980600630348F2CA83B0E0E66B8971B19105287D

Form Hash Code at time of Signature:

781822FB968549D800835001D91A29F4C0DE59AA624D89CD58D0DFF150F3984C

Fee Payment

Transaction by:

The application fee payment transaction was made by
ER109798/Timothy Hatch

Paid by:

The application fee was paid by TIMOTHY HATCH

Fee Amount:

\$800.00

Paid Date:

The application fee was paid on 2025-07-29

Transaction/Voucher number:

The transaction number is 582EA000678480 and the voucher number is 777009

Submission

Reference Number:

The application reference number is 799841

Submitted by:

The application was submitted by ER114629/Janela Revilla

Submitted Timestamp:

The application was submitted on 2025-07-31 at 15:45:48 CDT

Submitted From:

The application was submitted from IP address 23.121.243.6

Confirmation Number:

The confirmation number is 668384

Steers Version:

The STEERS version is 6.92

Additional Information

Application Creator: This account was created by Janela Revilla

DOMESTIC WASTEWATER PERMIT APPLICATION

ADMINISTRATIVE REPORT 1.1

The following information is required for new and amendment applications.

Section 1. Affected Landowner Information (Instructions Page 36)

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

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

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

C. ☒ Indicate by a check mark that the landowners list has also been provided as mailing labels in electronic format (Avery 5160).

D. Provide the source of the landowners' names and mailing addresses: Comal and Hays County Appraisal

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

☐ Yes ☒ No

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

Section 2. Original Photographs (Instructions Page 38)

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

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

Section 3. Buffer Zone Map (Instructions Page 38)

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

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

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

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

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

- ☒ Yes ☐ No



July 2025

Crystal Clear Special Utility District
2370 Farm-to-Market 1979
San Marcos, Texas 78666

Subject: Independence Trail WWTP

To Whom it May Concern,

BSLR RV FUND 1, LP is applying for a TPDES permit and is located within three miles of the Independence Trail WWTP. It is our understanding that the Independence Trail WWTP may not have the capacity and doesn't have the infrastructure (collection system) to accept waste from the new proposed subdivision. Please confirm in writing at your earliest convenience.

Sincerely,

A handwritten signature in black ink that reads 'Jamie L. Miller'.

Jamie L. Miller, P.E.
President
JA Wastewater, LLC
3410 Far West Blvd, Suite 170
Austin, TX 78731
Firm Number F-23372



July 2025

Crystal Clear Special Utility District
2370 Farm-to-Market 1979
San Marcos, Texas 78666

Subject: The Crossing at Havenwood WWTP

To Whom it May Concern,

BSLR RV FUND 1, LP is applying for a TPDES permit and is located within three miles of The Crossing at Havenwood WWTP. It is our understanding that The Crossing at Havenwood WWTP may not have the capacity and doesn't have the infrastructure (collection system) to accept waste from the new proposed subdivision. Please confirm in writing at your earliest convenience.

Sincerely,

A handwritten signature in black ink that reads 'Jamie L. Miller'.

Jamie L. Miller, P.E.
President
JA Wastewater, LLC
3410 Far West Blvd, Suite 170
Austin, TX 78731
Firm Number F-23372



July 2025

Crystal Clear Special Utility District
2370 Farm-to-Market 1979
San Marcos, Texas 78666

Subject: Westridge Oaks WWTF

To Whom it May Concern,

BSLR RV FUND 1, LP is applying for a TPDES permit and is located within three miles of the Westridge Oaks WWTF. It is our understanding that the Westridge Oaks WWTF may not have the capacity and doesn't have the infrastructure (collection system) to accept waste from the new proposed subdivision. Please confirm in writing at your earliest convenience.

Sincerely,

A handwritten signature in dark ink that reads 'Jamie L. Miller'.

Jamie L. Miller, P.E.
President
JA Wastewater, LLC
3410 Far West Blvd, Suite 170
Austin, TX 78731
Firm Number F-23372



July 2025

Aguilas Robles, LLC
3724 Hulen Street
Fort Worth, Texas 76107

Subject: Westridge Oaks WWTP

To Whom it May Concern,

BSLR RV FUND 1, LP is applying for a TPDES permit and is located within three miles of the Westridge Oaks WWTP. It is our understanding that the Westridge Oaks WWTP may not have the capacity and doesn't have the infrastructure (collection system) to accept waste from the new proposed subdivision. Please confirm in writing at your earliest convenience.

Sincerely,

A handwritten signature in black ink that reads 'Jamie L. Miller'.

Jamie L. Miller, P.E.
President
JA Wastewater, LLC
3410 Far West Blvd, Suite 170
Austin, TX 78731
Firm Number F-23372

BLUE SKY RV LIVING
WATER RESOURCE RECOVERY FACILITY (WRRF)

Plain Language Summary

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 Texas Administrative Code Chapter 39. The information provided in this summary may change during the technical review of the application and is not a federally enforceable representation of the permit application.

BSLR RV FUND I, LP, 2211 S Interstate 35 Ste 103, Austin, TX 78741, applied to the Texas Commission on Environmental Quality (TCEQ) for a New Texas Pollutant Discharge Elimination System (TPDES) Permit to authorize the disposal of treated wastewater at a volume not to exceed a daily average flow of 150,000 gallons per day via a discharge point that flows into a man-made ditch, thence to York Creek, thence to Classified Segment 1808 of the Lower San Marcos River in the Guadalupe River Basin

The domestic wastewater treatment facility will be located approximately 1.12 southwest of the intersection of Posey Rd and Interstate Hwy 35 near the city of San Marcos, in Hays County, Texas 78666. The permit application will be available for viewing and copying at San Marcos Public Library, 625 E Hopkins St, San Marcos, TX 78666.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD5), total suspended solids (TSS), ammonia nitrogen (NH3-N), and Escherichia coli. Domestic wastewater will be treated by a Membrane Bioreactor and the system will have a primary screen, equalization tank, multiple process trains consisting of anoxic, aeration, membrane zones, and sludge holding tanks. The facility will utilize UV disinfection.

BLUE SKY RV LIVING
WATER RESOURCE RECOVERY FACILITY (WRRF)

Plain Language Summary

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 exige 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 ejecutable a nivel federal de la solicitud de permiso.

BSLR RV FUND I, LP, 2211 S Interstate 35 Ste 103, Austin, TX 78741, solicitó a la Comisión de Calidad Ambiental de Texas (TCEQ) un nuevo Permiso para el Sistema de Eliminación de Descargas Contaminantes de Texas (TPDES) para autorizar la disposición de aguas residuales tratadas en un volumen que no exceda un caudal promedio diario de 150,000 galones por día a través de un punto de descarga que desemboca en una zanja artificial, de ahí al arroyo York y de ahí al Segmento Clasificado 1808 del Bajo Río San Marcos en la Cuenca del Río Guadalupe.

La planta de tratamiento de aguas residuales domésticas se ubicará aproximadamente a 1.12 millas al suroeste de la intersección de Posey Rd y la Interestatal 35, cerca de la ciudad de San Marcos, en el Condado de Hays, Texas 78666. La solicitud de permiso estará disponible para consulta y copia en la Biblioteca Pública de San Marcos, 625 E Hopkins St, San Marcos, TX 78666.

Descargas de Se espera que la instalación contenga la demanda bioquímica de oxígeno carbonoso (DOC_{B5}) de cinco días, sólidos suspendidos totales (SST), nitrógeno amoniacal (NH₃-N) y Escherichia coli. Las aguas residuales domésticas se tratarán mediante un biorreactor de membranas. El sistema contará con un tamiz primario, un tanque de ecualización y múltiples trenes de proceso que incluyen zonas anóxicas, de aireación, de membranas y tanques de retención de lodos. La instalación utilizará desinfección UV.



Texas Commission on Environmental Quality

Public Involvement Plan Form for Permit and Registration Applications

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

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

Section 1. Preliminary Screening

- ☒ New Permit or Registration Application
☐ New Activity - modification, registration, amendment, facility, etc. (see instructions)

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

Section 2. Secondary Screening

- ☒ Requires public notice,
☐ Considered to have significant public interest, and
☒ Located within any of the following geographical locations:

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

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

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

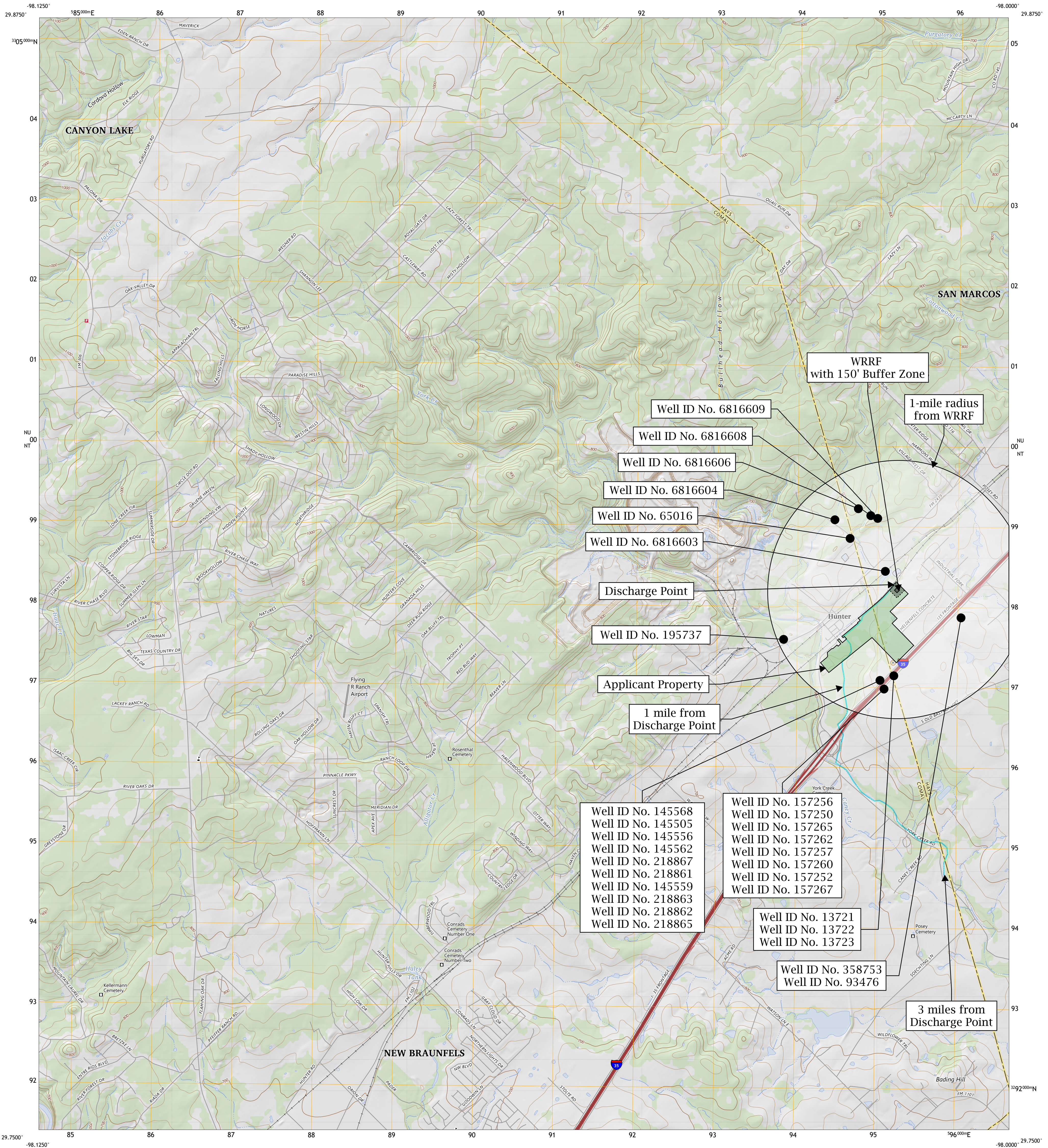
The project is not considered to have significant public interest.



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

BLUE SKY RV LIVING WATER RESOURCE RECOVERY FACILITY (WRRF) USGS Map

HUNTER QUADRANGLE
TEXAS
7.5-MINUTE TOPO

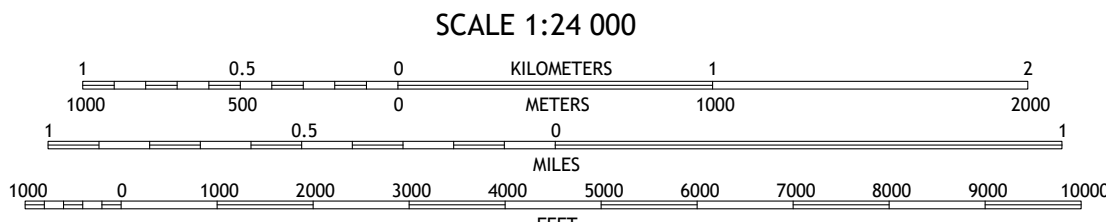
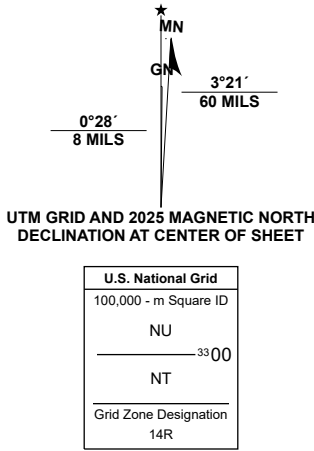


Produced by the United States Geological Survey

North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1 000-meter grid: UNIVERSAL TRANSVERSE MERCATOR, ZONE 14R
Data is provided by The National Map (TNM), is the best available at the time of map
generation, and includes data content from supporting themes of Elevation,
Hydrography, Geographic Names, Boundaries, Transportation, Structures, Land Cover,
and Orthoimagery. Refer to associated Federal Geographic Data Committee (FGDC)
Metadata for additional source data information.

This map is not a legal document. Boundaries may be generalized for this map scale.
Private lands within government reservations may not be shown. Obtain permission
before entering private lands. Temporal changes may have occurred since these data
were collected and some data may no longer represent actual surface conditions.

Learn About The National Map: <https://nationalmap.gov>



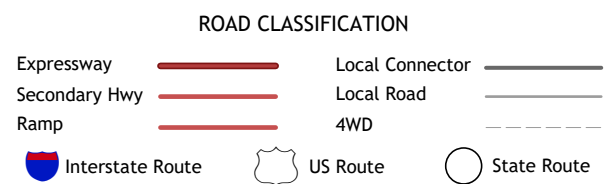
CONTOUR INTERVAL 20 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988
CONTOUR SMOOTHNESS = Medium

USER DEFINED CONTENT



Devils Backbone	San Marcos North
Sattler	Hunter
New Braunfels West	New Braunfels East

ADJOINING QUADRANGLES



HUNTER, TX
2025

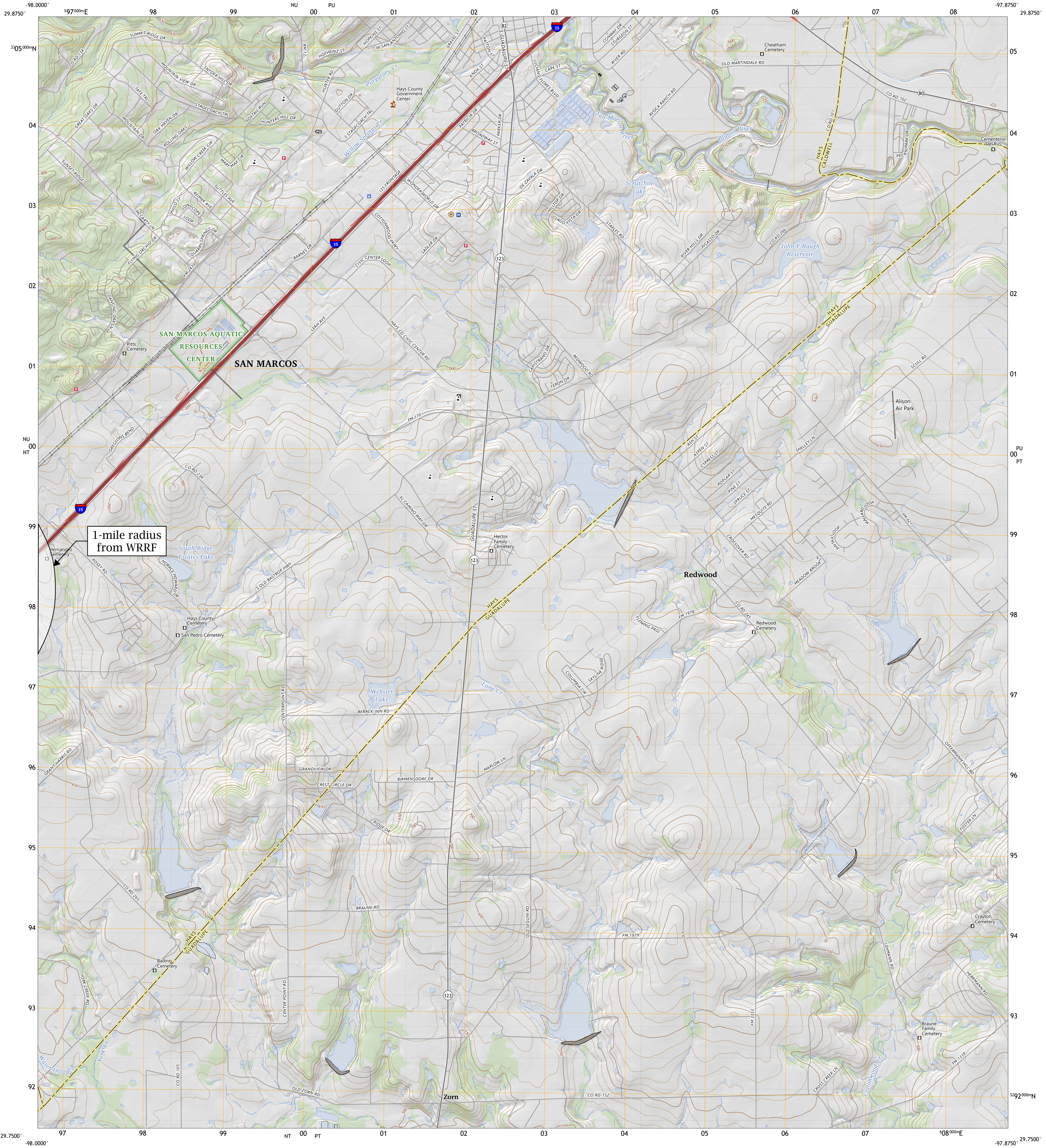




U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

BLUE SKY RV LIVING WATER RESOURCE RECOVERY FACILITY (WRRF) USGS Map

SAN MARCOS SOUTH QUADRANGLE
TEXAS
7.5-MINUTE TOPO



Produced by the United States Geological Survey

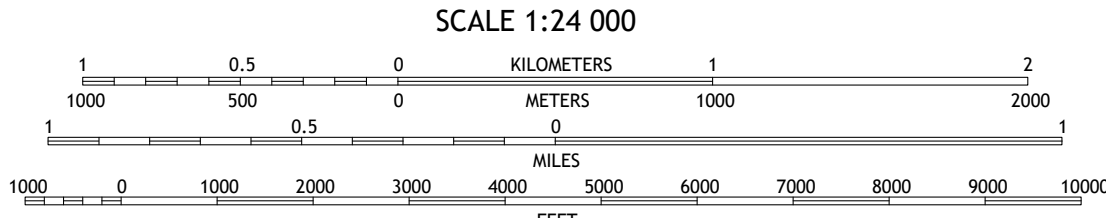
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1 000-meter grid: UNIVERSAL TRANSVERSE MERCATOR, ZONE 14R
Data is provided by The National Map (TNM), is the best available at the time of map
generation, and includes data content from supporting themes of Elevation,
Hydrography, Geographic Names, Boundaries, Transportation, Structures, Land Cover,
and Orthoimagery. Refer to associated Federal Geographic Data Committee (FGDC)
Metadata for additional source data information.

This map is not a legal document. Boundaries may be generalized for this map scale.
Private lands within government reservations may not be shown. Obtain permission
before entering private lands. Temporal changes may have occurred since these data
were collected and some data may no longer represent actual surface conditions.

Learn About The National Map: <https://nationalmap.gov>

UTM GRID AND 2025 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

U.S. National Grid	100,000 - m Square ID
NU	00
NT	00
Grid Zone Designation	14R



CONTOUR INTERVAL 10 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988
CONTOUR SMOOTHNESS = Medium

USER DEFINED CONTENT



QUADRANGLE LOCATION	San Marcos North	Uthland
San Marcos South	San Marcos South	San Marcos South
Hunter	Hunter	Hunter
New Braunfels East	New Braunfels East	New Braunfels East

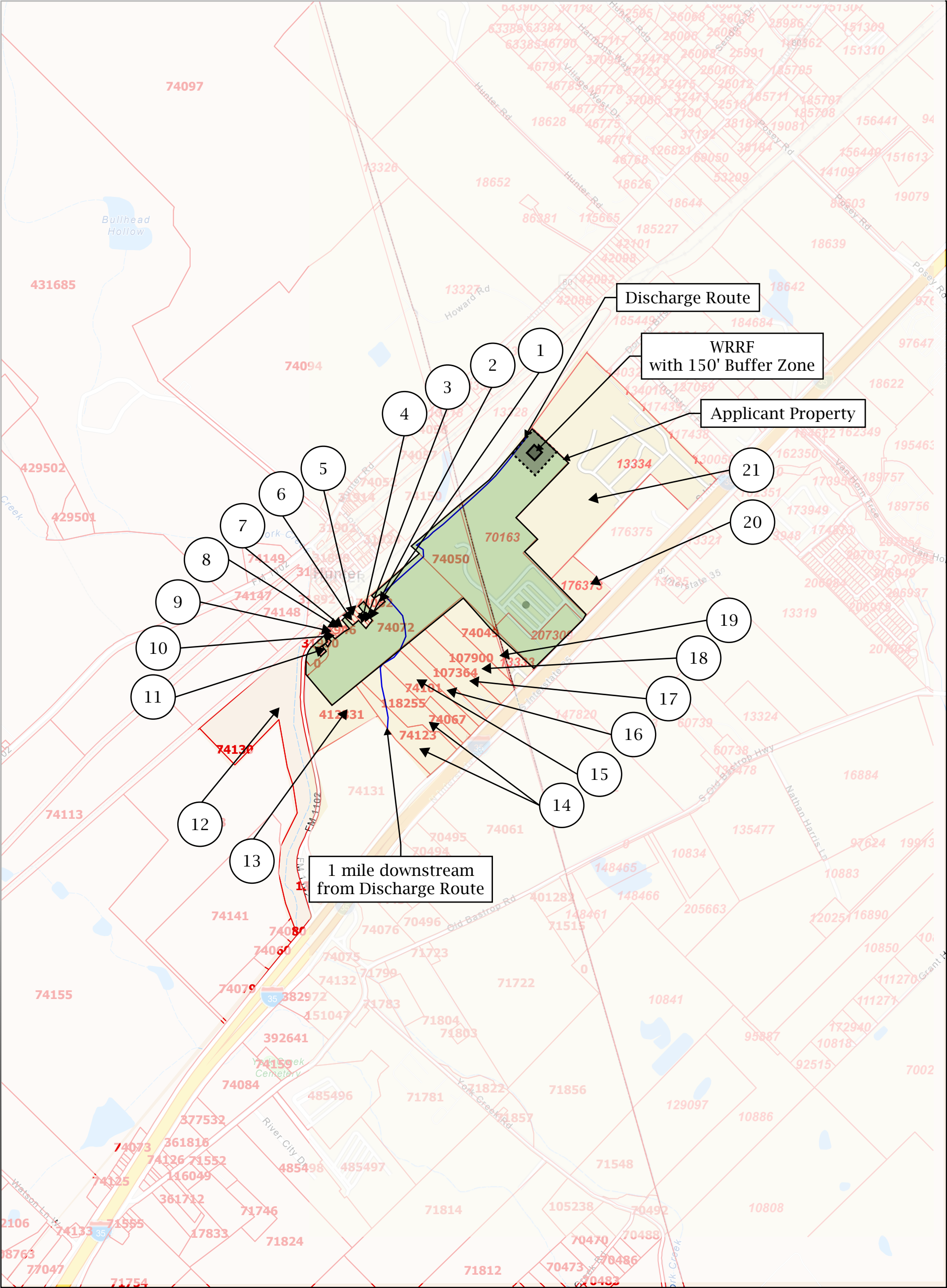
ROAD CLASSIFICATION	
Expressway	Local Connector
Secondary Hwy	Local Road
Ramp	4WD
Interstate Route	US Route
	State Route

SAN MARCOS SOUTH, TX
2025



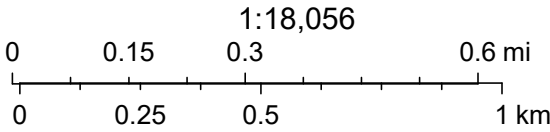
ADJOINING QUADRANGLES

BLUE SKY RV LIVING
WATER RESOURCE RECOVERY FACILITY
Affected Landowner Map



5/7/2025, 10:09:49 PM

 Parcels



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community



BLUE SKY RV LIVING
WATER RESOURCE RECOVERY FACILITY (WRRF)

Affected Land Owners

*The following information is from <https://gis.bisclient.com/comalcad/> and
<https://gis.bisclient.com/hayscad/> (July 2025)*

Map Label	Property ID	Owner Name	Mailing Address
1	74082	GUNSON INVESTMENTS LLC	9103 FM 1102 NEW BRAUNFELS TX 78130
2	31940	ETHRIDGE ROSA A	138 PARK SOUTH DR KYLE TX 78640
3	31939, 31941	TORRES TOMASA	9115 FM 1102 NEW BRAUNFELS TX 78130
4	31937, 31942	TORRES SINBAD VASQUEZ	9127 FM 1102 NEW BRAUNFELS TX 78130
5	31936	TENEYUQUE JOSE JR	9151 FM 1102 NEW BRAUNFELS TX 78130
6	31935	TENEYUQUE JUANITA V	9163 FM 1102 NEW BRAUNFELS TX 78130
7	31947, 31948	TORRES JESUS JR	9181 FM 1102 NEW BRAUNFELS TX 78130
8	31946, 31949	HUNTER A J ESTATE OF	8961 FM 1102 NEW BRAUNFELS TX 78130
9	31943	TORRES JOSEPHINA	9233 FM 1102 NEW BRAUNFELS TX 78130
10	31945	TORRES IGNACIO ESTATE OF	9227 FM 1102 NEW BRAUNFELS TX 78130
11	31952, 31953	RIOJAS ROSA	7081 HEWITT AVE PALMERO CA 95968
12	74130	SOECHTING HENRY W & FRANCES W	102 CHARM DR NEW BRAUNFELS TX 78132
13	412331	FM 1102 WAW LLC	6225 SMITH AVE BALTIMORE MD 21209
14	74123, 118255	BRYANT WILBURN DEPOT LTD	999 SCHWARZLOSE RD NEW BRAUNFELS TX 78130
15	74101	SECTOR 1540 LLC	PO BOX 82653 AUSTIN TX 78708
16	74078	PENCE INVESTMENTS LTD	708 RIO GRANDE STREET AUSTIN TX 78701
17	107364	YORK CREEK INDUSTRIAL LLC	114 WEST 7TH ST. 10TH FLOOR AUSTIN TX 78701
18	107900	BASS FRANK	175 BENDEL RANCH RD NEW BRAUNFELS TX 78133
19	74049, 13333	MCMAIN TODD & JANICE	3998 FM 2623 SEGUIN TX 78155
20	176373	SAN MARCOS FORTUNE LLC	4012 LUZ DEL FARO SAN ANTONIO TX 78261
21	13334	CUATRO LAND INVESTMENTS LLC	5700 S INTERSTATE 35 SAN MARCOS TX 78666



GUNSON INVESTMENTS LLC
9103 FM 1102
NEW BRAUNFELS TX 78130

ETHRIDGE ROSA A
138 PARK SOUTH DR
KYLE TX 78640

TORRES TOMASA
9115 FM 1102
NEW BRAUNFELS TX 78130

TORRES SINBAD VASQUEZ
9127 FM 1102
NEW BRAUNFELS TX 78130

TENEYUQUE JOSE JR
9151 FM 1102
NEW BRAUNFELS TX 78130

TENEYUQUE JUANITA V
9163 FM 1102
NEW BRAUNFELS TX 78130

TORRES JESUS JR
9181 FM 1102
NEW BRAUNFELS TX 78130

HUNTER A J ESTATE OF
8961 FM 1102
NEW BRAUNFELS TX 78130

TORRES JOSEPHINA
9233 FM 1102
NEW BRAUNFELS TX 78130

TORRES IGNACIO ESTATE OF
9227 FM 1102
NEW BRAUNFELS TX 78130

RIOJAS ROSA
7081 HEWITT AVE
PALMERO CA 95968

SOECHTING HENRY W & FRANCES W
102 CHARM DR
NEW BRAUNFELS TX 78132

FM 1102 WAW LLC
6225 SMITH AVE
BALTIMORE MD 21209

BRYANT WILBURN DEPOT LTD
999 SCHWARZLOSE RD
NEW BRAUNFELS TX 78130

SECTOR 1540 LLC
PO BOX 82653
AUSTIN TX 78708

PENCE INVESTMENTS LTD
708 RIO GRANDE STREET
AUSTIN TX 78701

YORK CREEK INDUSTRIAL LLC
114 WEST 7TH ST 10TH FLOOR
AUSTIN TX 78701

BASS FRANK
175 BENDEL RANCH RD
NEW BRAUNFELS TX 78133

MCMAIN TODD & JANICE
3998 FM 2623
SEGUIN TX 78155

SAN MARCOS FORTUNE LLC
4012 LUZ DEL FARO
SAN ANTONIO TX 78261

CUATRO LAND INVESTMENTS LLC
5700 S INTERSTATE 35
SAN MARCOS TX 78666

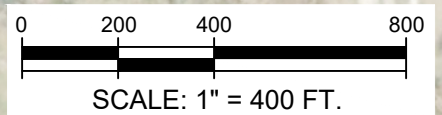
BLUE SKY RV LIVING WRRF ORIGINAL PHOTOS MAP

APPLICANT PROPERTY

WATER RESOURCE RECOVERY FACILITY

DISCHARGE POINT

150' BUFFER ZONE



BLUE SKY RV LIVING
WATER RESOURCE RECOVERY FACILITY (WRRF)

Original Photos



3. WWTF Site



1. Discharge Point (Upstream)



2. Discharge Point (Downstream)

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

FOR AGENCIES REVIEWING DOMESTIC OR INDUSTRIAL TPDES WASTEWATER PERMIT APPLICATIONS

TCEQ USE ONLY:

Application type: ____Renewal ____Major Amendment ____Minor Amendment ____New

County: _____ Segment Number: _____

Admin Complete Date: _____

Agency Receiving SPIF:

____ Texas Historical Commission

____ U.S. Fish and Wildlife

____ Texas Parks and Wildlife Department

____ U.S. Army Corps of Engineers

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

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

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

The following applies to all applications:

1. Permittee: BSLR RV FUND 1, LP

Permit No. WQ00 _

EPA ID No. TX

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

The facility will be located approximately 1.12 southwest of the intersection of Posey Rd and Interstate Hwy 35 near the city of San Marcos, in Hays County, Texas 78666.

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

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

First and Last Name: Timothy Hatch

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

Title: Authorized Signatory

Mailing Address: 2211 S Interstate 35, Ste 103

City, State, Zip Code: Austin, TX 78741

Phone No.: _ Ext.: _ Fax No.:

E-mail Address:

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

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

The discharge point flows into a man-made ditch, thence to York Creek, thence to Classified Segment 1808 of the Lower San Marcos River in the Guadalupe River Basin.

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

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

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

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

☐ Disturbance of vegetation or wetlands

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

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

The project location is undeveloped land.

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

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

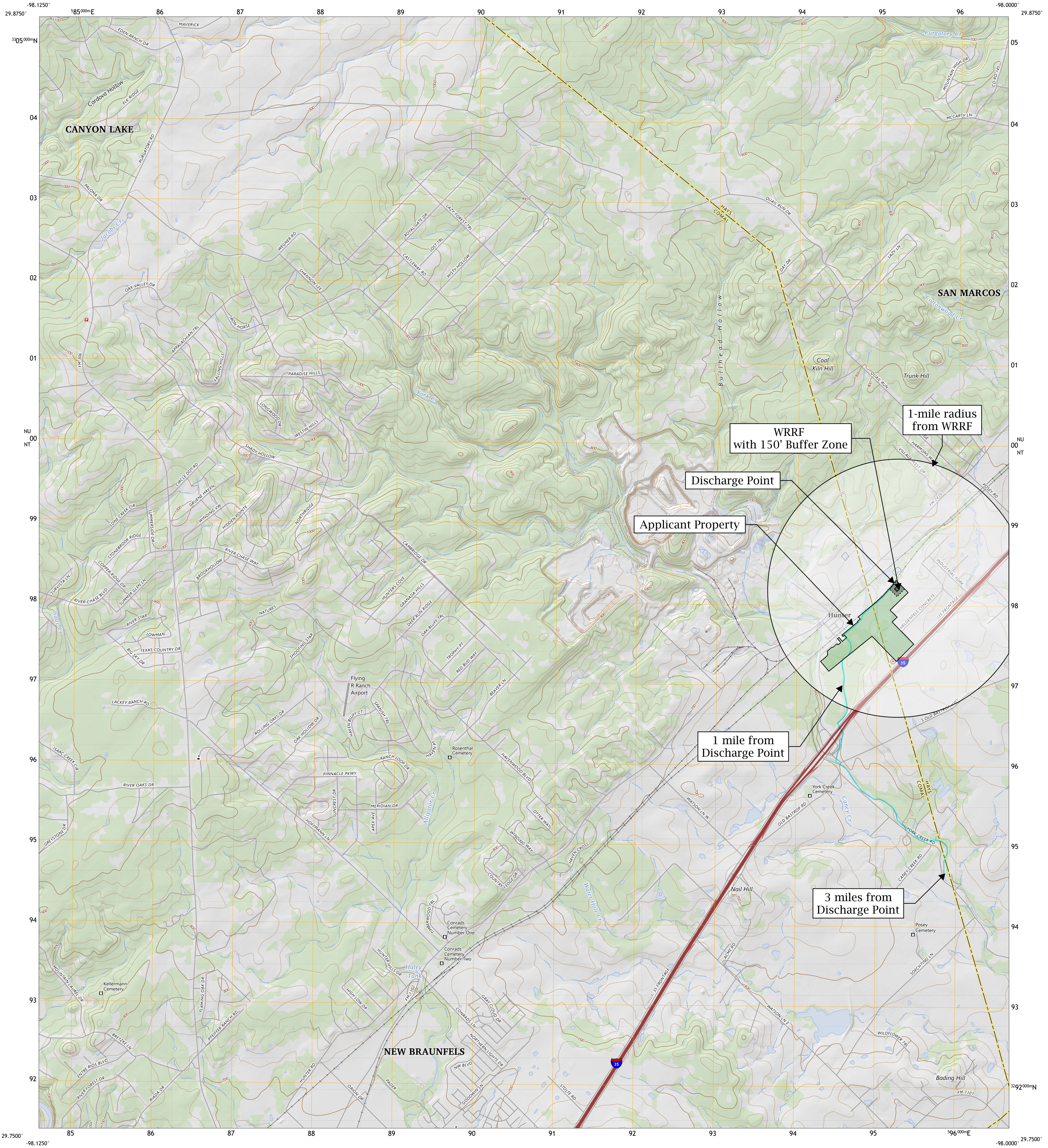
4. Provide a brief history of the property, and name of the architect/builder, if known.



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

BLUE SKY RV LIVING
WATER RESOURCE RECOVERY FACILITY (WRRF)
SPIF Map

HUNTER QUADRANGLE
TEXAS
7.5-MINUTE TOPO

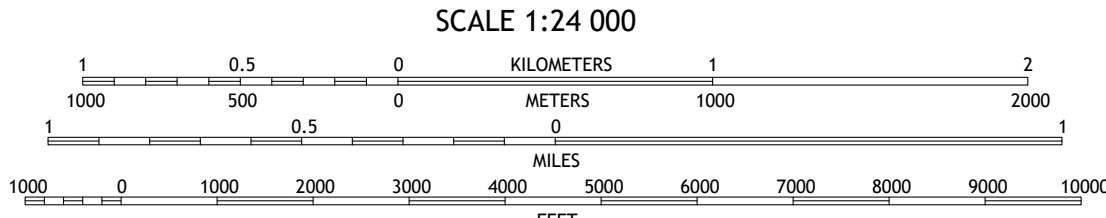
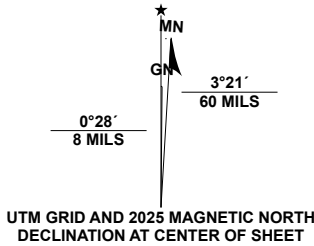


Produced by the United States Geological Survey

North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1 000-meter grid: UNIVERSAL TRANSVERSE MERCATOR, ZONE 14R
Data is provided by The National Map (TNM), is the best available at the time of map
generation, and includes data content from supporting themes of Elevation,
Hydrography, Geographic Names, Boundaries, Transportation, Structures, Land Cover,
and Orthoimagery. Refer to associated Federal Geographic Data Committee (FGDC)
Metadata for additional source data information.

This map is not a legal document. Boundaries may be generalized for this map scale.
Private lands within government reservations may not be shown. Obtain permission
before entering private lands. Temporal changes may have occurred since these data
were collected and some data may no longer represent actual surface conditions.

Learn About The National Map: <https://nationalmap.gov>



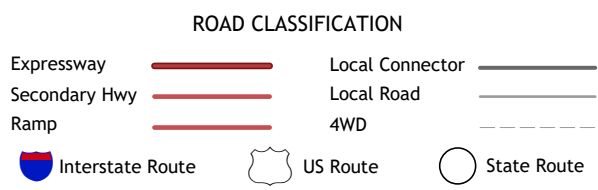
CONTOUR INTERVAL 20 FEET
NORTH AMERICAN DATUM OF 1983
CONTOUR SMOOTHNESS = Medium

USER DEFINED CONTENT



Devils Backbone	San Marcos North
Sattler	Hunter
New Braunfels West	New Braunfels East

ADJOINING QUADRANGLES



HUNTER, TX
2025

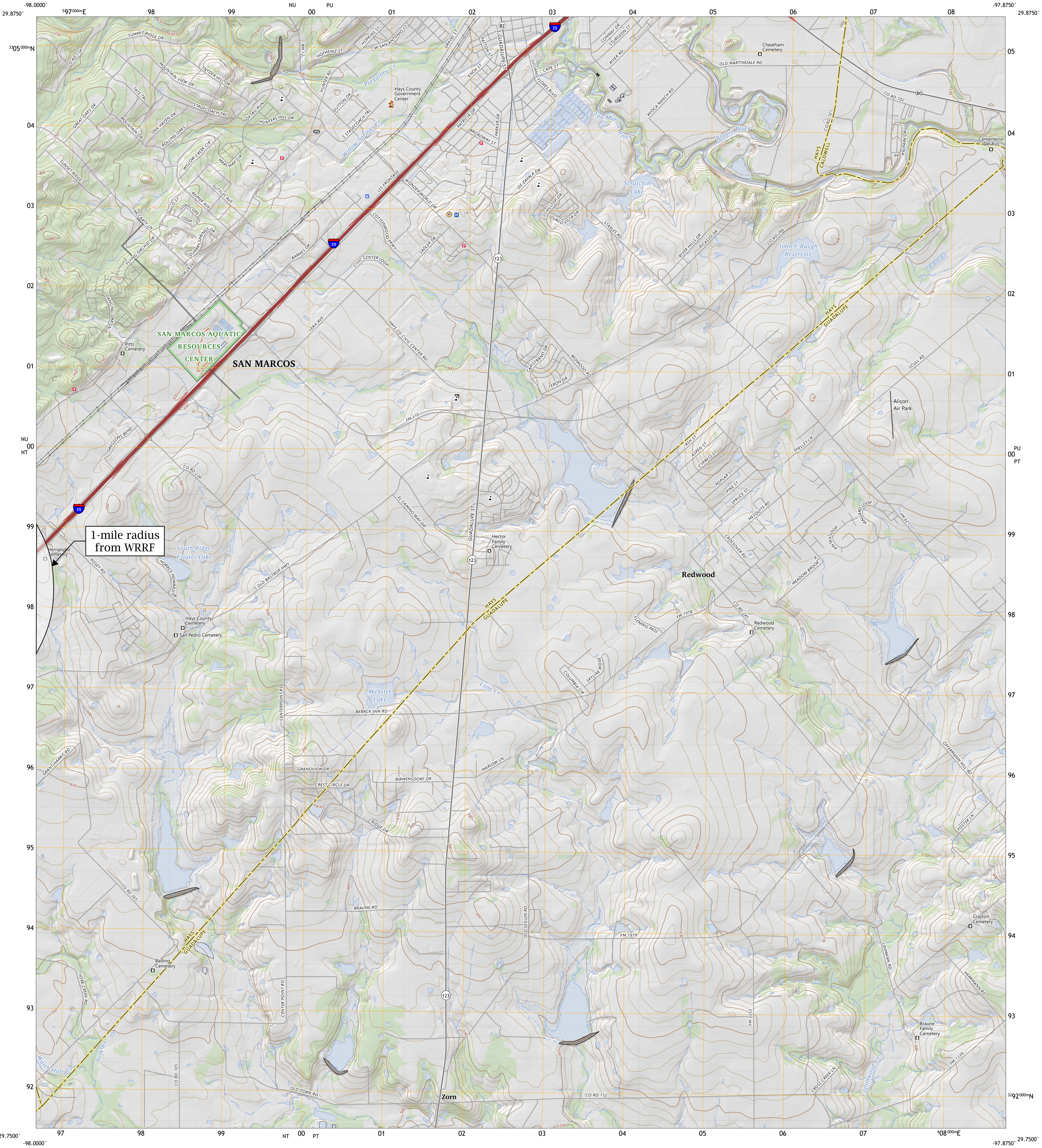




U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

BLUE SKY RV LIVING
WATER RESOURCE RECOVERY FACILITY (WRRF)
SPIF Map

SAN MARCOS SOUTH QUADRANGLE
TEXAS
7.5-MINUTE TOPO

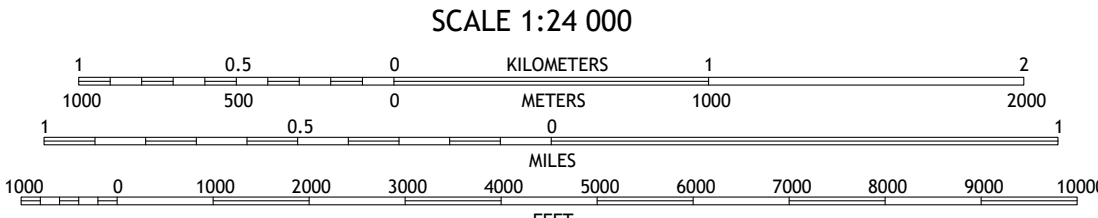
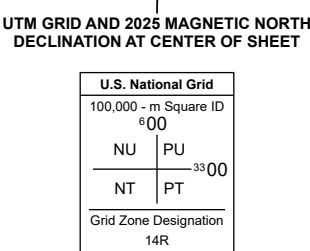
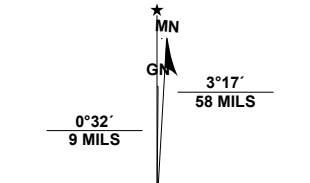


Produced by the United States Geological Survey

North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84) Projection and
1 000-meter grid: UNIVERSAL TRANSVERSE MERCATOR, ZONE 14R
Data is provided by The National Map (TNM), is the best available at the time of map
generation, and includes data content from supporting themes of Elevation,
Hydrography, Geographic Names, Boundaries, Transportation, Structures, Land Cover,
and Orthoimagery. Refer to associated Federal Geographic Data Committee (FGDC)
Metadata for additional source data information.

This map is not a legal document. Boundaries may be generalized for this map scale.
Private lands within government reservations may not be shown. Obtain permission
before entering private lands. Temporal changes may have occurred since these data
were collected and some data may no longer represent actual surface conditions.

Learn About The National Map: <https://nationalmap.gov>

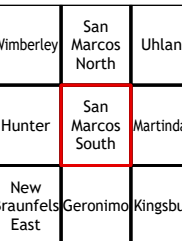


CONTOUR INTERVAL 10 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988
CONTOUR SMOOTHNESS = Medium

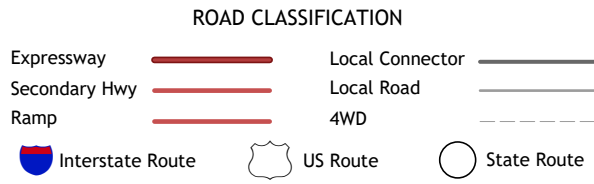
USER DEFINED CONTENT



QUADRANGLE LOCATION



ADJOINING QUADRANGLES



SAN MARCOS SOUTH, TX
2025

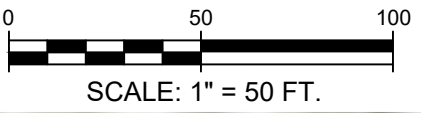
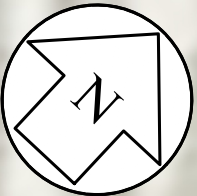


BLUE SKY RV LIVING WRRF
BUFFER ZONE MAP

APPLICANT PROPERTY
BOUNDARY LINE

WATER RESOURCE RECOVERY FACILITY

150' BUFFER ZONE





TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.0

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

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

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

A. Existing/Interim I Phase

Design Flow (MGD): 0.05

2-Hr Peak Flow (MGD): 0.2

Estimated construction start date: August 2026

Estimated waste disposal start date: January 2027

B. Interim II Phase

Design Flow (MGD): 0.1

2-Hr Peak Flow (MGD): 0.4

Estimated construction start date: August 2027

Estimated waste disposal start date: January 2028

C. Final Phase

Design Flow (MGD): 0.15

2-Hr Peak Flow (MGD): 0.6

Estimated construction start date: August 2028

Estimated waste disposal start date: January 2029

D. Current Operating Phase

Provide the startup date of the facility:

Section 2. Treatment Process (Instructions Page 42)

A. Current Operating Phase

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

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

Please see Attachment – Treatment Process and Unit Sizing.

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)
Please see Attachment – Treatment Process and Unit Sizing		

C. Process Flow Diagram

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

Attachment: Process Flow Diagram

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

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

- Latitude: 29.8114
- Longitude: -98.0148

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

- Latitude:
- Longitude:

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: Site Map

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

The water resource recovery facility will be serving Blue Sky RV Living in Hays County, TX.

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

Section 4. Unbuilt Phases (Instructions Page 44)

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

☐ Yes ☒ No

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

☐ Yes ☒ No

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

Section 5. Closure Plans (Instructions Page 44)

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

Section 6. Permit Specific Requirements (Instructions Page 44)

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

A. Summary transmittal

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

☐ Yes ☒ No

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

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.**

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.

The buffer zone will be met by ownership.

C. Other actions required by the current permit

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

☐ Yes ☒ No

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

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.

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.

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.

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 _ or TXRNE

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:

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.

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.

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.

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.

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 BOD₅ concentration of the sludge, and the design BOD₅ concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.

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 BOD₅ concentration of the septic waste, and the design BOD₅ concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.

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.

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

Is the facility in operation?

☐ Yes ☒ No

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

If **yes**, provide effluent analysis data for the listed pollutants. **Wastewater treatment facilities** complete Table 1.0(2). **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 ₅ , mg/l					
Total Suspended Solids, mg/l					
Ammonia Nitrogen, mg/l					
Nitrate Nitrogen, mg/l					
Total Kjeldahl Nitrogen, mg/l					
Sulfate, mg/l					
Chloride, mg/l					
Total Phosphorus, mg/l					
pH, standard units					
Dissolved Oxygen*, mg/l					
Chlorine Residual, mg/l					
<i>E.coli</i> (CFU/100ml) freshwater					
Enterococci (CFU/100ml) saltwater					
Total Dissolved Solids, mg/l					
Electrical Conductivity, μ mohs/cm, †					
Oil & Grease, mg/l					
Alkalinity (CaCO ₃)*, mg/l					

*TPDES permits only

†TLAP permits only

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

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

Section 8. Facility Operator (Instructions Page 49)

Facility Operator Name: To be determined

Facility Operator's License Classification and Level: To be determined

Facility Operator's License Number: To be determined

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

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

Check all that apply. See instructions for guidance

- ☐ Design flow \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 Sewage Sludge or Biosolids Treatment Process

Check all that apply. See instructions for guidance.

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

C. Sewage Sludge or Biosolids Management

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

permit will authorize all sewage sludge or biosolids management practices listed in the instructions. Rather indicate the management practice the facility plans to use.

Biosolids Management

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

If “Other” is selected for Management Practice, please explain (e.g. monofill or transport to another WWTP): Monofill – transported to processing facility for disposal

D. Disposal site

Disposal site name: To be determined

TCEQ permit or registration number: To be determined

County where disposal site is located: To be determined

E. Transportation method

Method of transportation (truck, train, pipe, other): To be determined

Name of the hauler: To be determined

Hauler registration number: To be determined

Sludge is transported as a:

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

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

A. Beneficial use authorization

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

☐ Yes ☐ No

B. Sludge processing authorization

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

Sludge Composting	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Marketing and Distribution of Biosolids	<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:
- USDA Natural Resources Conservation Service Soil Map:
Attachment:
- Federal Emergency Management Map:
Attachment:
- Site map:
Attachment:

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:

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:

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:

Total Kjeldahl Nitrogen, mg/kg:

Total Nitrogen (=nitrate nitrogen + TKN), mg/kg:

Phosphorus, mg/kg:

Potassium, mg/kg:

pH, standard units:

Ammonia Nitrogen mg/kg:

Arsenic:

Cadmium:

Chromium:

Copper:

Lead:

Mercury:

Molybdenum:

Nickel:

Selenium:

Zinc:

Total PCBs:

Provide the following information:

Volume and frequency of sludge to the lagoon(s):

Total dry tons stored in the lagoons(s) per 365-day period:

Total dry tons stored in the lagoons(s) over the life of the unit:

C. Liner information

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

☐ Yes ☐ No

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

D. Site development plan

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

Attach the following documents to the application.

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

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:

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

A. Additional authorizations

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

☐ Yes ☒ No

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

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:

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

A. RCRA hazardous wastes

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

☐ Yes ☒ No

B. Remediation activity wastewater

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

☐ Yes ☒ No

C. Details about wastes received

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

Attachment:

Section 14. Laboratory Accreditation (Instructions Page 55)

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

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

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

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

CERTIFICATION:

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

Printed Name: Timothy Hatch – BSLR RV FUND I, LP

Title: Authorized Signatory

Signature: _____

Date: _____

DOMESTIC WASTEWATER PERMIT APPLICATION

TECHNICAL REPORT 1.1

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

Section 1. Justification for Permit (Instructions Page 56)

A. Justification of permit need

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

The Blue Sky RV Living is currently planning 456 LUEs at 200 gpd/LUE. This will generate approximately 150,000 gallons per day of domestic-strength wastewater at full build-out. The usage rate of 200 gpd/LUE is derived from the average number of persons per household in Hays county, which is 2.63 according to census.gov, and the Daily Wastewater Flow for a residential subdivision, which is 75 gallons/person according to Table B.1 of 30 TAC 217.32(a)(3). Additionally, there are no facilities within 3 miles that have capacity, nor is it economically feasible to connect.

B. Regionalization of facilities

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

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

1. *Municipally incorporated areas*

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

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

☐ Yes ☒ No ☐ Not Applicable

If yes, within the city limits of:

If yes, attach correspondence from the city.

Attachment:

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

Attachment:

2. *Utility CCN areas*

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

☐ Yes ☒ No

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

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

Attachment:

3. Nearby WWTPs or collection systems

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

☒ Yes ☐ No

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

Attachment: Nearby Facilities

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

Attachment: Letters to Nearby Facilities

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

Attachment:

Section 2. Proposed Organic Loading (Instructions Page 58)

Is this facility in operation?

☐ Yes ☒ No

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

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

A. Current organic loading

Facility Design Flow (flow being requested in application):

Average Influent Organic Strength or BOD₅ Concentration in mg/l:

Average Influent Loading (lbs/day = total average flow X average BOD₅ conc. X 8.34):

Provide the source of the average organic strength or BOD₅ concentration.

--

B. Proposed organic loading

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

Table 1.1(1) – Design Organic Loading

Source	Total Average Flow (MGD)	Influent BOD ₅ Concentration (mg/l)
Municipality		
Subdivision	0.15	350
Trailer park - transient		
Mobile home park		
School with cafeteria and showers		
School with cafeteria, no showers		
Recreational park, overnight use		
Recreational park, day use		
Office building or factory		
Motel		
Restaurant		
Hospital		
Nursing home		
Other		
TOTAL FLOW from all sources	0.15	
AVERAGE BOD ₅ from all sources		350

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

A. Existing/Interim I Phase Design Effluent Quality

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

Total Suspended Solids, mg/l: 5

Ammonia Nitrogen, mg/l:

Total Phosphorus, mg/l:

Dissolved Oxygen, mg/l: ≥ 2

Other:

B. Interim II Phase Design Effluent Quality

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

Total Suspended Solids, mg/l: 5

Ammonia Nitrogen, mg/l:

Total Phosphorus, mg/l:

Dissolved Oxygen, mg/l: ≥ 2

Other:

C. Final Phase Design Effluent Quality

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

Total Suspended Solids, mg/l: 5

Ammonia Nitrogen, mg/l:

Total Phosphorus, mg/l:

Dissolved Oxygen, mg/l: ≥ 2

Other:

D. Disinfection Method

Identify the proposed method of disinfection.

☐ Chlorine: _ mg/l after _ minutes detention time at peak flow

OR Dechlorination process:

☒ Ultraviolet Light: 10 seconds contact time at peak flow

☐ Other: Click to enter text.

Section 4. Design Calculations (Instructions Page 58)

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

Attachment: Design Calculations

Section 5. Facility Site (Instructions Page 59)

A. 100-year floodplain

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

☒ Yes ☐ No

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

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

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

☐ Yes ☒ No

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

☐ Yes ☐ No

If **yes**, provide the permit number:

If **no**, provide the approximate date you anticipate submitting your application to the Corps:

B. Wind rose

Attach a wind rose: Wind Rose

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

A. Beneficial use authorization

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

☐ Yes ☒ No

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

B. Sludge processing authorization

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

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

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

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

Attach a solids management plan to the application.

Attachment: Solids Management Plan

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

- Treatment units and processes dimensions and capacities
- Solids generated at 100, 75, 50, and 25 percent of design flow
- Mixed liquor suspended solids operating range at design and projected actual flow

- Quantity of solids to be removed and a schedule for solids removal
- Identification and ownership of the ultimate sludge disposal site
- For facultative lagoons, design life calculations, monitoring well locations and depths, and the ultimate disposal method for the sludge from the facultative lagoon

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

DOMESTIC WASTEWATER PERMIT APPLICATION

WORKSHEET 2.0: RECEIVING WATERS

The following information is required for all TPDES permit applications.

Section 1. Domestic Drinking Water Supply (Instructions Page 63)

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

☐ Yes ☒ No

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

Owner of the drinking water supply:

Distance and direction to the intake:

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

Attachment:

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

Does the facility discharge into tidally affected waters?

☐ Yes ☒ No

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

A. Receiving water outfall

Width of the receiving water at the outfall, in feet:

B. Oyster waters

Are there oyster waters in the vicinity of the discharge?

☐ Yes ☐ No

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

C. Sea grasses

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

☐ Yes ☐ No

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

Section 3. Classified Segments (Instructions Page 63)

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

☐ Yes ☒ No

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

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

Section 4. Description of Immediate Receiving Waters (Instructions Page 63)

Name of the immediate receiving waters: The discharge point flows into a man-made ditch, thence to York Creek, thence to Classified Segment 1801 of the Lower San Marcos River in the Guadalupe River Basin.

A. Receiving water type

Identify the appropriate description of the receiving waters.

- ☐ Stream
- ☐ Freshwater Swamp or Marsh
- ☐ Lake or Pond

Surface area, in acres:

Average depth of the entire water body, in feet:

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

- ☒ Man-made Channel or Ditch
- ☐ Open Bay
- ☐ Tidal Stream, Bayou, or Marsh
- ☐ Other, specify:

B. Flow characteristics

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

- ☒ Intermittent - dry for at least one week during most years
- ☐ Intermittent with Perennial Pools - enduring pools with sufficient habitat to maintain significant aquatic life uses
- ☐ Perennial - normally flowing

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

- ☐ USGS flow records
- ☐ Historical observation by adjacent landowners
- ☒ Personal observation

☐ Other, specify:

C. Downstream perennial confluences

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

D. Downstream characteristics

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

☐ Yes ☒ No

If yes, discuss how.

The discharge route starts as a man-made ditch, and flows into a creek.

E. Normal dry weather characteristics

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

Dry bed

Date and time of observation: 9AM, July 2025

Was the water body influenced by stormwater runoff during observations?

☐ Yes ☒ No

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

A. Upstream influences

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

☐ Oil field activities

☐ Urban runoff

☐ Upstream discharges

☐ Agricultural runoff

☐ Septic tanks

☐ Other(s), specify:

B. Waterbody uses

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

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

C. Waterbody aesthetics

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

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

BLUE SKY RV LIVING
WATER RESOURCE RECOVERY FACILITY (WRRF)

Design Calculations

The following criteria and equations were used for the calculations:

Minimum Equalization Basin Volume

$$V = 2.5Qt, \text{ where } Q = \text{phase flow (gpd)} \\ t = 120 \text{ minutes} = 0.0833 \text{ days}$$

Minimum Sludge Holding Tank Volume

$$V = 0.02Qt, \text{ where } Q = \text{phase flow (gpd)} \\ t = 10 \text{ days}$$

Minimum Disinfection Chamber Volume

$$V = 4Qt, \text{ where } Q = \text{phase flow (gpd)} \\ t = 20 \text{ minutes} = 0.0138 \text{ days}$$

Phase 1

Flow 50,000 gpd
2-hour Peak Flow 200,000 gpd

Equalization Basin	10,417	gallons
Sludge Holding Tank	10,000	gallons

Phase 2

Flow 100,000 gpd
2-hour Peak Flow 400,000 gpd

Equalization Basin	20,833	gallons
Sludge Holding Tank	20,000	gallons

Final Phase

Flow 150,000 gpd
2-hour Peak Flow 600,000 gpd

Equalization Basin	31,250	gallons
Sludge Holding Tank	30,000	gallons

BLUE SKY RV LIVING
WATER RESOURCE RECOVERY FACILITY (WRRF)

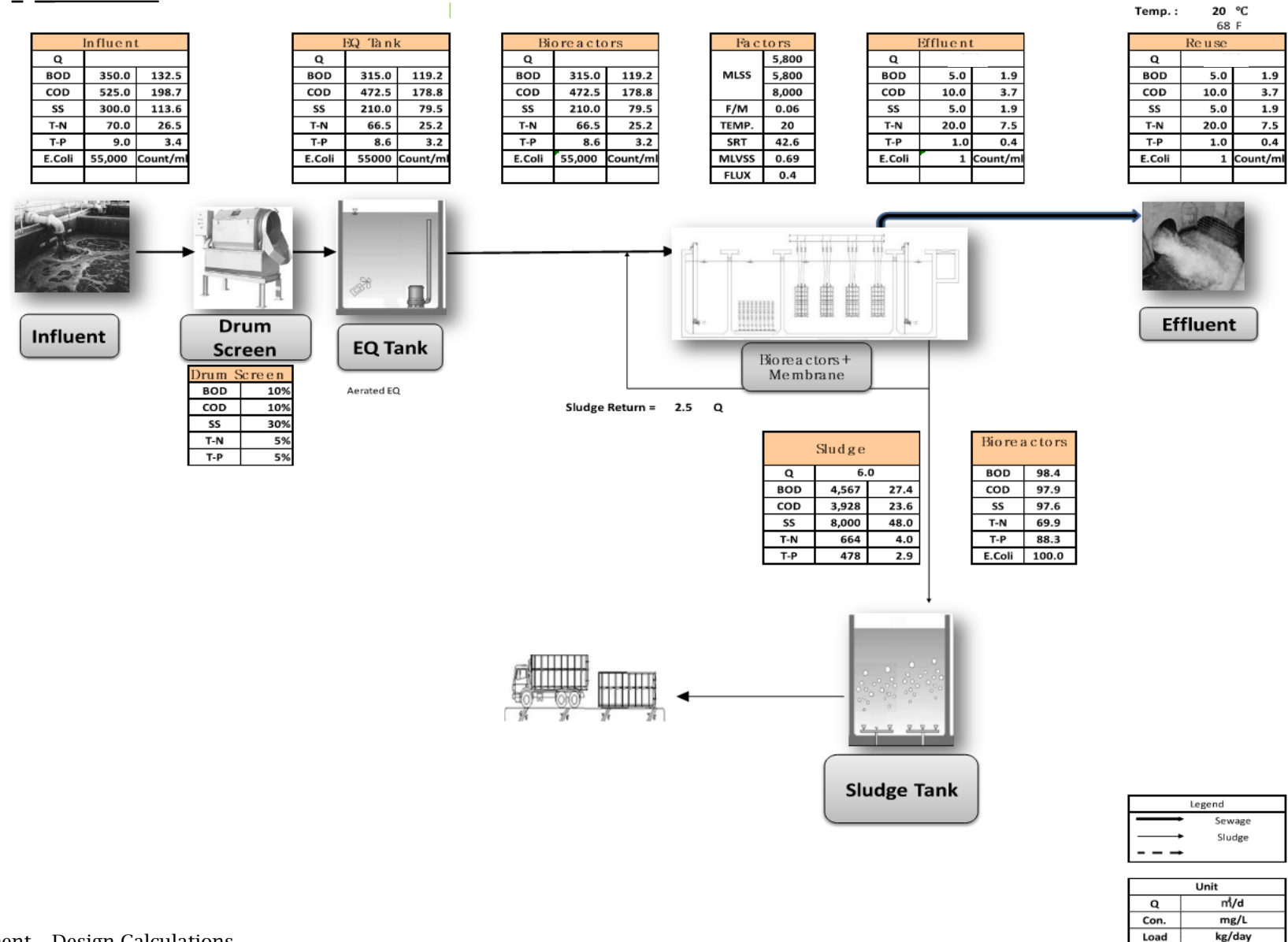
Design Calculations

Bioreactor Calculation							
1. Design Calculation							
1.1 Influent (m3/day)		(gal/day)		1.2 Factors			
Items	unit	m3/day	gal/day	Items	HRT	19.0	hr
	Average		150,000		SRT	25.0	day
					C/N	4.7	
	Design Flow		150,000		C/P	29.6	
					Temp	20.0	°C
					Sludge return	250	%
1.3 Influent Quality							
Items	BOD	COD _{Mn}	SS	T-N	T-P	E.coli.	Remarks
	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(Count/mL)	
Water quality	350.0	525.0	300.0	70.0	9.0	55000	
1.4 Influent and Effluent Water Quality							
Items	BOD	COD _{Mn}	SS	T-N	T-P	E.coli.	
	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(Count/mL)	
Influent quality	350.0	525.0	300.0	70.0	9.0	55,000	
Effluent quality	5.0	10.0	5.0	20.0	1.0	1.26	
1.5 Bioreactor Volume							
Items	Width	Length	Depth	Height	tank	Volume	HRT
	(mW)	(mL)	(mHe)	(mH)	(#)	(m ³)	(hr)
Anoxic	2.4	12.0	2.2	2.3	2	124.1	7.9
Oxic	2.4	12.0	2.1	2.3	2	118.4	7.5
MBR	2.4	12.0	2.0	2.3	1	56.4	3.6
Total						363.8	19.0
Note: If bioreactor volume sizes are above the volume calcauted by 30-40%, it will be okay.							
1.6 Sludge Production				1.7 Air Requirement			
Items	Sludge (m ³ /day)		Water contents (%)	Items	Oxic reactor (m ³ /min)		3.11
	6.0		99.2		MBR (m ³ /min)		12.0

BLUE SKY RV LIVING WATER RESOURCE RECOVERY FACILITY (WRRF)

Design Calculations

2 MASS BALANCE



BLUE SKY RV LIVING
WATER RESOURCE RECOVERY FACILITY (WRRF)

Design Calculations

Items	Ranges			Design Values	Unit
Anoxic/Oxic MLSS (X_{TSR})	4,000	~	9,500	5,800	mg/L
Oxic MLSS (X_{OX})	6,000	~	12,000	8,000	mg/L
MLVSS/MLSS(X_V)	MLVSS	/	MLSS	0.7	
F/M ration	0.01	~	0.30	0.06	kgBOD/kgMLVSS·d
Sludge return (X_{r1})	50	~	400	250	%
Sludge retention time (SRT)	15	~	50	35.6	day
Bio reactor temperature	10	~	30	20	°C
Bio reactor pH	6.8	~	7.2	7.0	
Dissolved Oxygen concentration (DO)	2.0	~	5.0	2.0	mg/L
$Y_{(net)}$, Sludge yield	0.30	~	0.60	0.47	mgVSS/mgBOD _{rem}
b, Sludge decay coefficient	0.05	~	0.30	0.15	day ⁻¹
$\mu_{N_{im}}$, Max nitrifier production	0.30	~	0.60	0.47	day ⁻¹
$Y_{N(net)}$, Nitrifier yield	0.10	~	0.30	0.20	mgVSS/mgNH ₄ N _{rem}
K_O , O ₂ Half saturation coefficient	0.40	~	0.60	0.50	O ₂ mg/L
K_N NH ₄ -N Half saturation coefficient	0.20	~	5.00	0.74	NH ₄ -N mg/L
Membrane Flux	Design			0.40	m ³ /m ² ·d
				16.7	LMH
				9.8	GFD
SNR, Specific Nitrification Rate	Oxic			2.70	mgNH ₄ N/gMLVSS·hr
SDNR, Specific denitrification Rate				2.70	mgNO ₃ N/gMLVSS·hr
SPUR				1.24	mg P/gMLSS·hr
BOD/ P_{rel}				12.0	P releasing
BOD/ No_x - N_{rem}				2.86	Denitrification
N/VSS, Nitrogen % in Biomass	5.00	~	12.0	12.0	%
P/VSS, Phosphorus % in Biomass	1.00	~	7.50	5.8	P uptaking (%)

STATE OF TEXAS PLUGGING REPORT for Tracking #65016

Owner: **Flying W Properties**

Owner Well #: **No Data**

Address: **PO Box 2109
San Marcos, TX 78667**

Grid #: **68-16-6**

Well Location: **Hunter Road
New Braunfels, TX 78132**

Latitude: **29° 48' 59" N**

Longitude: **098° 01' 14" W**

Well County: **Comal**

Elevation: **No Data**

Well Type: **Withdrawal of Water**

Drilling Information

Company: **No Data**

Date Drilled: **No Data**

Driller: **No Data**

License Number: **No Data**

	<i>Diameter (in.)</i>	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>
Borehole:	7.5		88

Plugging Information

Date Plugged: **7/26/2010**

Plugger: **Charles Kutscher**

Plug Method: **Pour in 3/8 bentonite chips when standing water in well is less than 100 feet depth,
cement top 2 feet**

Casing Left in Well:

Plug(s) Placed in Well:

No Data

<i>Top (ft.)</i>	<i>Bottom (ft.)</i>	<i>Description (number of sacks & material)</i>
0	25	5 Cement
25	88	5 Benseal

Certification Data: The driller certified that the driller plugged this well (or the well was plugged 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 reports(s) being returned for completion and resubmittal.

Company Information: **Kutscher Drilling, Ltd
3810 Hunter Road
San Marcos, TX 78666**

Driller Name: **Charles Kutscher**

License Number: **1861**

Comments: **No Data**

STATE OF TEXAS PLUGGING REPORT for Tracking #93476

Owner: **Tex Mix Concrete**

Owner Well #: **No Data**

Address: **PO Box 830
Leander, TX 78641**

Grid #: **68-16-6**

Well Location: **201 Industrial Fork
San Marcos, TX 78666**

Latitude: **29° 48' 27" N**

Longitude: **098° 00' 22" W**

Well County: **Hays**

Elevation: **No Data**

Well Type: **Withdrawal of Water**

Drilling Information

Company: **No Data**

Date Drilled: **3/24/2014**

Driller: **Martin Lingle**

License Number: **54813**

Well Report Tracking #358753

	<i>Diameter (in.)</i>	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>
Borehole:	7.875		480

Plugging Information

Date Plugged: **4/1/2014**

Plugging: **Fred Smith**

Plug Method: **Tremmie pipe bentonite from bottom to 2 feet from surface, cement top 2 feet**

Casing Left in Well:

Plug(s) Placed in Well:

No Data

<i>Top (ft.)</i>	<i>Bottom (ft.)</i>	<i>Description (number of sacks & material)</i>
0	5	1 Portland Type I
5	194	19 Benseal
194	480	58 Portland Type I

Certification Data:

The driller certified that the driller plugged this well (or the well was plugged 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 reports(s) being returned for completion and resubmittal.

Company Information: **Whisenant & Lyle Water Services**

**PO Box 525
Dripping Springs, TX 78620**

Driller Name: **Fred Smith**

License Number: **54437**

Comments: **Tremmie pipe cement from 480 to 194.
Tremmie pipe bentonite from 194 to 5. Cement top 5 feet.**

STATE OF TEXAS PLUGGING REPORT for Tracking #195737

Owner:	TXI Operations LP	Owner Well #:	W112054
Address:	7781 FM 1102 NEW BRAUNFELS, TX 78132	Grid #:	68-16-6
Well Location:	7781 FM 1102 NEW BRAUNFELS, TX 78132	Latitude:	29° 48' 18.1" N
Well County:	Comal	Longitude:	098° 01' 45" W
		Elevation:	No Data
Well Type:	Stock		

Drilling Information

Company:	No Data	Date Drilled:	No Data
Driller:	No Data	License Number:	No Data

Borehole:	Diameter (in.)	Top Depth (ft.)	Bottom Depth (ft.)
	7	0	125

Plugging Information

Date Plugged: **12/5/2019** Plugger:

Plug Method: **Tremmie pipe cement from bottom to top**

Casing Left in Well:

Dia (in.)	Top (ft.)	Bottom (ft.)
6	0	11

Plug(s) Placed in Well:

Top (ft.)	Bottom (ft.)	Description (number of sacks & material)
0	129	Cement 35 Bags/Sacks

Certification Data: The driller certified that the driller plugged this well (or the well was plugged 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 reports(s) being returned for completion and resubmittal.

Company Information: **Kutscher Drilling, LTD**
3810 Hunter Road
San Marcos, TX 78666

Driller Name: **Derek Scott** License Number: **59574**

Comments: **No Data**

STATE OF TEXAS PLUGGING REPORT for Tracking #218861

Owner:	Chevron Environmental Management Company	Owner Well #:	MW-1
Address:	100 Northpark Blvd. Covington, LA 70433	Grid #:	68-16-6
Well Location:	9505 Interstate Highway 35 North New Braunfels, TX 78130	Latitude:	29° 48' 01.57" N
Well County:	Comal	Longitude:	098° 00' 59.56" W
		Elevation:	No Data
Well Type:	Monitor		

Drilling Information

Company:	No Data	Date Drilled:	5/5/2008
Driller:	No Data	License Number:	No Data

	<i>Diameter (in.)</i>	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>
Borehole:	8	0	25

Plugging Information

Date Plugged:	5/13/2022	Plugger:	
Plug Method:	Pour in 3/8 bentonite chips when standing water in well is less than 100 feet depth, cement top 2 feet		

Casing Left in Well:

Plug(s) Placed in Well:

No Data

<i>Top (ft.)</i>	<i>Bottom (ft.)</i>	<i>Description (number of sacks & material)</i>
0	2	Concrete 1 Bags/Sacks
2	25	Bentonite 1 Bags/Sacks

Certification Data: The driller certified that the driller plugged this well (or the well was plugged 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 reports(s) being returned for completion and resubmittal.

Company Information: **Envirotech Drilling Services LLC**
PO BOX 19064
Houston, TX 77224

Driller Name:	Jaime Vasquez	License Number:	58171
---------------	----------------------	-----------------	--------------

Comments: **No Data**

STATE OF TEXAS PLUGGING REPORT for Tracking #218862

Owner:	Chevron Environmental Management Company	Owner Well #:	MW-2
Address:	100 Northpark Blvd. Covington, LA 70433	Grid #:	68-16-6
Well Location:	9505 Interstate Highway 35 North New Braunfels, TX 78130	Latitude:	29° 48' 01.38" N
Well County:	Comal	Longitude:	098° 01' 00.35" W
		Elevation:	No Data
Well Type:	Monitor		

Drilling Information

Company:	No Data	Date Drilled:	5/5/2008
Driller:	No Data	License Number:	No Data

	<i>Diameter (in.)</i>	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>
Borehole:	8	0	25

Plugging Information

Date Plugged:	5/13/2022	Plugging:	
Plug Method:	Pour in 3/8 bentonite chips when standing water in well is less than 100 feet depth, cement top 2 feet		

Casing Left in Well:

Plug(s) Placed in Well:

No Data

<i>Top (ft.)</i>	<i>Bottom (ft.)</i>	<i>Description (number of sacks & material)</i>
0	2	Concrete 1 Bags/Sacks
2	25	Bentonite 1 Bags/Sacks

Certification Data: The driller certified that the driller plugged this well (or the well was plugged 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 reports(s) being returned for completion and resubmittal.

Company Information: **Envirotech Drilling Services LLC**
PO BOX 19064
Houston, TX 77224

Driller Name:	Jaime Vasquez	License Number:	58171
---------------	----------------------	-----------------	--------------

Comments: **No Data**

STATE OF TEXAS PLUGGING REPORT for Tracking #218863

Owner:	Chevron Environmental Management Company	Owner Well #:	MW-3
Address:	100 Northpark Blvd. Covington, LA 70433	Grid #:	68-16-6
Well Location:	9505 Interstate Highway 35 North New Braunfels, TX 78130	Latitude:	29° 48' 00.99" N
Well County:	Comal	Longitude:	098° 01' 00.45" W
		Elevation:	No Data
Well Type:	Monitor		

Drilling Information

Company:	No Data	Date Drilled:	5/5/2008
Driller:	No Data	License Number:	No Data

	<i>Diameter (in.)</i>	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>
Borehole:	8	0	25

Plugging Information

Date Plugged:	5/13/2022	Plugger:	
Plug Method:	Pour in 3/8 bentonite chips when standing water in well is less than 100 feet depth, cement top 2 feet		

Casing Left in Well:

Plug(s) Placed in Well:

No Data

<i>Top (ft.)</i>	<i>Bottom (ft.)</i>	<i>Description (number of sacks & material)</i>
0	2	Concrete 1 Bags/Sacks
2	25	Bentonite 1 Bags/Sacks

Certification Data: The driller certified that the driller plugged this well (or the well was plugged 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 reports(s) being returned for completion and resubmittal.

Company Information: **Envirotech Drilling Services LLC**
PO BOX 19064
Houston, TX 77224

Driller Name:	Jaime Vasquez	License Number:	58171
---------------	----------------------	-----------------	--------------

Comments: **No Data**

STATE OF TEXAS PLUGGING REPORT for Tracking #218865

Owner:	Chevron Environmental Management Company	Owner Well #:	MW-4
Address:	100 Northpark Blvd. Covington, LA 70433	Grid #:	68-16-6
Well Location:	9505 Interstate Highway 35 North New Braunfels, TX 78130	Latitude:	29° 48' 01.85" N
Well County:	Comal	Longitude:	098° 01' 00.36" W
		Elevation:	No Data
Well Type:	Monitor		

Drilling Information

Company:	No Data	Date Drilled:	5/6/2008
Driller:	No Data	License Number:	No Data

	<i>Diameter (in.)</i>	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>
Borehole:	8	0	25

Plugging Information

Date Plugged:	5/13/2022	Plugging:	
Plug Method:	Pour in 3/8 bentonite chips when standing water in well is less than 100 feet depth, cement top 2 feet		

Casing Left in Well:

Plug(s) Placed in Well:

No Data

<i>Top (ft.)</i>	<i>Bottom (ft.)</i>	<i>Description (number of sacks & material)</i>
0	2	Concrete 1 Bags/Sacks
2	25	Bentonite 1 Bags/Sacks

Certification Data: The driller certified that the driller plugged this well (or the well was plugged 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 reports(s) being returned for completion and resubmittal.

Company Information: **Envirotech Drilling Services LLC**
PO BOX 19064
Houston, TX 77224

Driller Name:	Jaime Vasquez	License Number:	58171
---------------	----------------------	-----------------	--------------

Comments: **No Data**

STATE OF TEXAS PLUGGING REPORT for Tracking #218867

Owner:	Chevron Environmental Management Company	Owner Well #:	MW-5
Address:	100 Northpark Blvd. Covington, LA 70433	Grid #:	68-16-6
Well Location:	9505 Interstate Highway 35 North New Braunfels, TX 78130	Latitude:	29° 48' 01.96" N
Well County:	Comal	Longitude:	098° 00' 59.4" W
		Elevation:	No Data
Well Type:	Monitor		

Drilling Information

Company:	No Data	Date Drilled:	5/6/2008
Driller:	No Data	License Number:	No Data

	<i>Diameter (in.)</i>	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>
Borehole:	8	0	25

Plugging Information

Date Plugged:	5/13/2022	Plugging:	
Plug Method:	Pour in 3/8 bentonite chips when standing water in well is less than 100 feet depth, cement top 2 feet		

Casing Left in Well:

Plug(s) Placed in Well:

No Data

<i>Top (ft.)</i>	<i>Bottom (ft.)</i>	<i>Description (number of sacks & material)</i>
0	2	Concrete 1 Bags/Sacks
2	25	Bentonite 1 Bags/Sacks

Certification Data: The driller certified that the driller plugged this well (or the well was plugged 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 reports(s) being returned for completion and resubmittal.

Company Information: **Envirotech Drilling Services LLC**
PO BOX 19064
Houston, TX 77224

Driller Name:	Jaime Vasquez	License Number:	58171
---------------	----------------------	-----------------	--------------

Comments: **No Data**

[GWDB Reports and Downloads](#)
[Well Basic Details](#)
[Scanned Documents](#)

State Well Number	6816603
County	Hays
River Basin	Guadalupe
Groundwater Management Area	10
Regional Water Planning Area	L - South Central Texas
Groundwater Conservation District	Edwards Aquifer Authority
Latitude (decimal degrees)	29.8128611
Latitude (degrees minutes seconds)	29° 48' 46.3" N
Longitude (decimal degrees)	-98.0160278
Longitude (degrees minutes seconds)	098° 00' 57.7" W
Coordinate Source	Global Positioning System - GPS
Aquifer Code	218EBFZA - Edwards and Associated Limestones - (Balcones Fault Zone Aquifer)
Aquifer	Edwards (Balcones Fault Zone)
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	664
Land Surface Elevation Method	Digital Elevation Model -DEM
Well Depth (feet below land surface)	230
Well Depth Source	Driller's Log
Drilling Start Date	
Drilling End Date	9/0/1968
Drilling Method	Cable Tool
Borehole Completion	Open Hole

Well Type	Withdrawal of Water
Well Use	Public Supply
Water Level Observation	Miscellaneous Measurements
Water Quality Available	Yes
Pump	Submersible
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	GBRA Oak Ridge
Driller	Kutscher Drilling Co
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	G1050001J
Groundwater Conservation District Well Number	
Owner Well Number	Oak Ridge #1
Other Well Number	
Previous State Well Number	
Reporting Agency	U.S. Geological Survey
Created Date	8/14/1998
Last Update Date	6/21/2018

Remarks	
---------	--

Casing - No Data

Well Tests - No Data

Lithology - No Data

Annular Seal Range - No Data

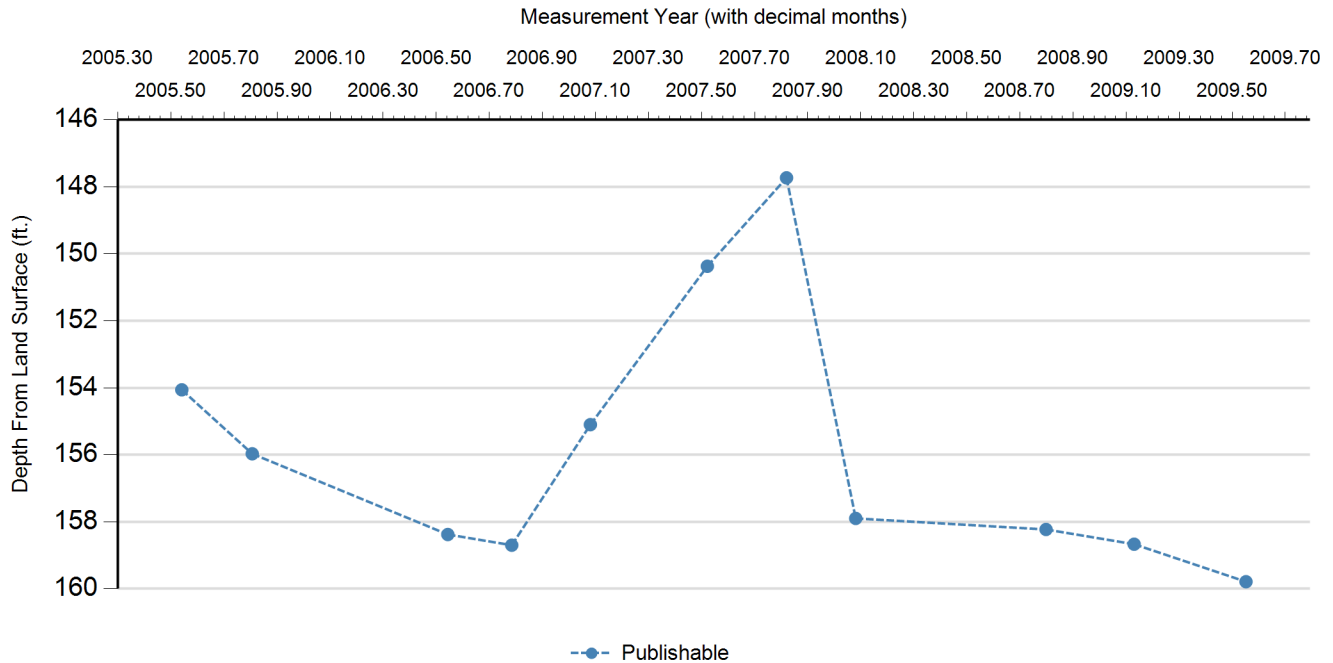
Borehole - No Data

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	7/19/2005		154.06		509.94	1	Groundwater Conservation District	Steel Tape		
P	10/26/2005		155.97	1.91	508.03	1	Groundwater Conservation District	Steel Tape		
P	7/20/2006		158.38	2.41	505.62	1	Groundwater Conservation District	Steel Tape		
P	10/18/2006		158.7	0.32	505.3	1	Groundwater Conservation District	Steel Tape		
P	1/31/2007		155.1	(3.60)	508.9	1	Groundwater Conservation District	Steel Tape		
P	7/12/2007		150.37	(4.73)	513.63	1	Groundwater Conservation District	Steel Tape		
P	11/1/2007		147.73	(2.64)	516.27	1	Groundwater Conservation District	Steel Tape		
P	1/31/2008		157.9	10.17	506.1	1	Groundwater Conservation District	Steel Tape		
P	10/23/2008		158.23	0.33	505.77	1	Groundwater Conservation District	Steel Tape		
P	2/19/2009		158.67	0.44	505.33	1	Groundwater Conservation District	Steel Tape		
P	7/23/2009		159.79	1.12	504.21	1	Groundwater Conservation District	Steel Tape		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis

Sample Date: 8/29/1969 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** U.S. Geological Survey

Sampled Aquifer: Edwards and Associated Limestones - (Balcones Fault Zone Aquifer)

Analyzed Lab: U.S. Geological Survey Lab

Reliability: Collected from pumped well, but not filtered or preserved

Collection Remarks: No Data

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)		0	mg/L	
00410	ALKALINITY, TOTAL (MG/L AS CaCO ₃)		255.74	mg/L as CaCO ₃	
00440	BICARBONATE ION, CALCULATED (MG/L AS HCO ₃)		312.09	mg/L	
00910	CALCIUM (MG/L)		88	mg/L	
00445	CARBONATE ION, CALCULATED (MG/L AS CO ₃)		0	mg/L	
00940	CHLORIDE, TOTAL (MG/L AS CL)		16	mg/L	
00950	FLUORIDE, DISSOLVED (MG/L AS F)		0.3	mg/L	
00900	HARDNESS, TOTAL, CALCULATED (MG/L AS CaCO ₃)		285	mg/L as CaCO ₃	
00920	MAGNESIUM (MG/L)		16	mg/L	
71851	NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO ₃)		7.3	mg/L as NO ₃	
00400	PH (STANDARD UNITS), FIELD		7.2	SU	
71860	RESIDUAL SODIUM CARBONATE, CALCULATED		0		
00955	SILICA, DISSOLVED (MG/L AS SiO ₂)		11	mg/L as SiO ₂	
00931	SODIUM ADSORPTION RATIO, CALCULATED (SAR)		0.26		
00932	SODIUM, CALCULATED, PERCENT		7	PCT	
00929	SODIUM, TOTAL (MG/L AS Na)	calculated	9.9	mg/L	
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C)		567	MICR	
00945	SULFATE, TOTAL (MG/L AS SO ₄)		21	mg/L as SO ₄	
70301	TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L)		322	mg/L	

Water Quality Analysis

Sample Date: 5/19/1970 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** U.S. Geological Survey

Sampled Aquifer: Edwards and Associated Limestones - (Balcones Fault Zone Aquifer)

Analyzed Lab: U.S. Geological Survey Lab

Reliability: Reliability unknown or not available

Collection Remarks: No Data

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
71851	NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3)		8.3	mg/L as NO3	
00400	PH (STANDARD UNITS), FIELD		7.3	SU	
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C)		599	MICR	

Water Quality Analysis

Sample Date: 7/16/1970 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Texas Department of Health

Sampled Aquifer: Edwards and Associated Limestones - (Balcones Fault Zone Aquifer)

Analyzed Lab: Texas Department of Health

Reliability: Collected from pumped well, but not filtered or preserved

Collection Remarks: raw supply

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)		0	mg/L	
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)		257	mg/L as CaCO3	
00440	BICARBONATE ION, CALCULATED (MG/L AS HCO3)		313.63	mg/L	
00910	CALCIUM (MG/L)		89	mg/L	
00445	CARBONATE ION, CALCULATED (MG/L AS CO3)		0	mg/L	
00940	CHLORIDE, TOTAL (MG/L AS CL)		17	mg/L	
00950	FLUORIDE, DISSOLVED (MG/L AS F)		0.3	mg/L	
00900	HARDNESS, TOTAL, CALCULATED (MG/L AS CaCO3)		291	mg/L as CaCO3	
01045	IRON, TOTAL (UG/L AS FE)	<	20	ug/L	
00920	MAGNESIUM (MG/L)		17	mg/L	
01055	MANGANESE, TOTAL (UG/L AS MN)	<	50	ug/L	
71851	NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3)		7	mg/L as NO3	
00400	PH (STANDARD UNITS), FIELD		7.4	SU	
71860	RESIDUAL SODIUM CARBONATE, CALCULATED		0		
00931	SODIUM ADSORPTION RATIO, CALCULATED (SAR)		0.25		
00932	SODIUM, CALCULATED, PERCENT		6	PCT	
00929	SODIUM, TOTAL (MG/L AS NA)		10	mg/L	
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C)		608	MICR	
00945	SULFATE, TOTAL (MG/L AS SO4)		24	mg/L as SO4	
70301	TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L)		318	mg/L	

Water Quality Analysis

Sample Date: 5/26/1971 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Texas Department of Health

Sampled Aquifer: Edwards and Associated Limestones - (Balcones Fault Zone Aquifer)

Analyzed Lab: Texas Department of Health

Reliability: Collected from pumped well, but not filtered or preserved

Collection Remarks: raw supply

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)		0	mg/L	
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)		250	mg/L as CaCO3	
00440	BICARBONATE ION, CALCULATED (MG/L AS HCO3)		305.09	mg/L	
00910	CALCIUM (MG/L)		89	mg/L	
00445	CARBONATE ION, CALCULATED (MG/L AS CO3)		0	mg/L	
00940	CHLORIDE, TOTAL (MG/L AS CL)		15	mg/L	
00950	FLUORIDE, DISSOLVED (MG/L AS F)		0.2	mg/L	
00900	HARDNESS, TOTAL, CALCULATED (MG/L AS CaCO3)		287	mg/L as CaCO3	
00920	MAGNESIUM (MG/L)		16	mg/L	
71851	NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3)		7	mg/L as NO3	
00400	PH (STANDARD UNITS), FIELD		7.2	SU	
71860	RESIDUAL SODIUM CARBONATE, CALCULATED		0		
00931	SODIUM ADSORPTION RATIO, CALCULATED (SAR)		0.23		
00932	SODIUM, CALCULATED, PERCENT		6	PCT	
00929	SODIUM, TOTAL (MG/L AS Na)		9	mg/L	
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C)		596	MICR	
00945	SULFATE, TOTAL (MG/L AS SO4)		23	mg/L as SO4	
70301	TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L)		309	mg/L	

Water Quality Analysis

Sample Date: 8/14/1975
Sample Time: 0000
Sample Number: 1
Collection Entity: Other or Identity Unknown

Sampled Aquifer: Edwards and Associated Limestones - (Balcones Fault Zone Aquifer)

Analyzed Lab: Laboratory Unknown

Reliability: Reliability unknown or not available

Collection Remarks: No Data

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
07017	TRITIUM, TOTAL (TRITIUM UNITS)		13.1	TU	0.7

Water Quality Analysis

Sample Date: 10/10/1980 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Texas Department of Health

Sampled Aquifer: Edwards and Associated Limestones - (Balcones Fault Zone Aquifer)

Analyzed Lab: Texas Department of Health

Reliability: Collected from pumped well, but not filtered or preserved

Collection Remarks: raw supply

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)		0	mg/L	
00410	ALKALINITY, TOTAL (MG/L AS CaCO ₃)		258	mg/L as CaCO ₃	
00440	BICARBONATE ION, CALCULATED (MG/L AS HCO ₃)		314.85	mg/L	
00910	CALCIUM (MG/L)		96	mg/L	
00445	CARBONATE ION, CALCULATED (MG/L AS CO ₃)		0	mg/L	
00940	CHLORIDE, TOTAL (MG/L AS CL)		20	mg/L	
00950	FLUORIDE, DISSOLVED (MG/L AS F)		0.2	mg/L	
00900	HARDNESS, TOTAL, CALCULATED (MG/L AS CaCO ₃)		288	mg/L as CaCO ₃	
01045	IRON, TOTAL (UG/L AS FE)	<	20	ug/L	
00920	MAGNESIUM (MG/L)		12	mg/L	
01055	MANGANESE, TOTAL (UG/L AS MN)	<	20	ug/L	
71851	NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO ₃)		7.44	mg/L as NO ₃	
00400	PH (STANDARD UNITS), FIELD		7.9	SU	
71860	RESIDUAL SODIUM CARBONATE, CALCULATED		0		
00931	SODIUM ADSORPTION RATIO, CALCULATED (SAR)		0.28		
00932	SODIUM, CALCULATED, PERCENT		7	PCT	
00929	SODIUM, TOTAL (MG/L AS NA)		11	mg/L	
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C)		625	MICR	
00945	SULFATE, TOTAL (MG/L AS SO ₄)		27	mg/L as SO ₄	
70301	TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L)		328	mg/L	

**Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number
68-16-603**

Water Quality Analysis

Sample Date: 7/8/1998 **Sample Time:** 1002 **Sample Number:** 1 **Collection Entity:** Texas Water Development Board

Sampled Aquifer: Edwards and Associated Limestones - (Balcones Fault Zone Aquifer)

Analyzed Lab: LCRA - Lower Colorado River Authority

Reliability: Sampled using TWDB protocols

Collection Remarks: No Data

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
39086	ALKALINITY FIELD DISSOLVED AS CaCO ₃		244	mg/L as CaCO ₃	
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)		0	mg/L	
00410	ALKALINITY, TOTAL (MG/L AS CaCO ₃)		246	mg/L as CaCO ₃	
01106	ALUMINUM, DISSOLVED (UG/L AS AL)		5.1	ug/L	
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	<	1	ug/L	
01000	ARSENIC, DISSOLVED (UG/L AS AS)	<	2	ug/L	
01005	BARIUM, DISSOLVED (UG/L AS BA)		45.9	ug/L	
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	<	1	ug/L	
00440	BICARBONATE ION, CALCULATED (MG/L AS HCO ₃)		300.21	mg/L	
01020	BORON, DISSOLVED (UG/L AS B)		58.3	ug/L	
71870	BROMIDE, DISSOLVED, (MG/L AS BR)		0.06	mg/L	
01025	CADMIUM, DISSOLVED (UG/L AS CD)	<	1	ug/L	
00915	CALCIUM, DISSOLVED (MG/L AS CA)		89.3	mg/L	
00445	CARBONATE ION, CALCULATED (MG/L AS CO ₃)		0	mg/L	
00941	CHLORIDE, DISSOLVED (MG/L AS CL)		19.2	mg/L	
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	<	1	ug/L	
01035	COBALT, DISSOLVED (UG/L AS CO)	<	1	ug/L	
01040	COPPER, DISSOLVED (UG/L AS CU)		2.2	ug/L	
00950	FLUORIDE, DISSOLVED (MG/L AS F)		0.13	mg/L	
00900	HARDNESS, TOTAL, CALCULATED (MG/L AS CaCO ₃)		292	mg/L as CaCO ₃	
01046	IRON, DISSOLVED (UG/L AS FE)		33	ug/L	
01049	LEAD, DISSOLVED (UG/L AS PB)	<	1	ug/L	
01130	LITHIUM, DISSOLVED (UG/L AS LI)		9	ug/L	
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)		16.7	mg/L	
01056	MANGANESE, DISSOLVED (UG/L AS MN)	<	1	ug/L	
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	<	1	ug/L	
01065	NICKEL, DISSOLVED (UG/L AS NI)		7.6	ug/L	
71851	NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO ₃)		6.86	mg/L as NO ₃	

**Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number
68-16-603**

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00631	NITRITE PLUS NITRATE, DISSOLVED (MG/L AS N)		1.55	mg/L as N	
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)		0.1	mg/L as N	
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)		0.16	mg/L as N	
00090	OXIDATION REDUCTION POTENTIAL (ORP), MILLIVOLTS		679.4	MV	
00400	PH (STANDARD UNITS), FIELD		6.58	SU	
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)		0.17	mg/L as P	
00935	POTASSIUM, DISSOLVED (MG/L AS K)		1.8	mg/L	
71860	RESIDUAL SODIUM CARBONATE, CALCULATED		0		
01145	SELENIUM, DISSOLVED (UG/L AS SE)	<	4	ug/L	
00955	SILICA, DISSOLVED (MG/L AS SI02)		13.8	mg/L as SI02	
00931	SODIUM ADSORPTION RATIO, CALCULATED (SAR)		0.3		
00932	SODIUM, CALCULATED, PERCENT		8	PCT	
00930	SODIUM, DISSOLVED (MG/L AS NA)		11.8	mg/L	
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C)		590	MICR	
01080	STRONTIUM, DISSOLVED (UG/L AS SR)		582	ug/L	
00946	SULFATE, DISSOLVED (MG/L AS SO4)		25.6	mg/L as SO4	
00010	TEMPERATURE, WATER (CELSIUS)		22.2	C	
01057	THALLIUM, DISSOLVED (UG/L AS TL)	<	1	ug/L	
70301	TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L)		333	mg/L	
01085	VANADIUM, DISSOLVED (UG/L AS V)		2.2	ug/L	
01090	ZINC, DISSOLVED (UG/L AS ZN)		4	ug/L	

**Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number
68-16-603**

Water Quality Analysis

Sample Date: 8/19/2009 **Sample Time:** 1125 **Sample Number:** 1 **Collection Entity:** Edwards Aquifer Authority (EAA)

Sampled Aquifer: Edwards and Associated Limestones - (Balcones Fault Zone Aquifer)

Analyzed Lab: LCRA - Lower Colorado River Authority

Reliability: Sampled using TWDB protocols

Collection Remarks: Lab Calculated Anion/Cation Chg Bal set to TWDB Calculated Value due to an error in the lab calculated formula

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
39086	ALKALINITY FIELD DISSOLVED AS CaCO ₃		268	mg/L as CaCO ₃	
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	<	0	mg/L	
00410	ALKALINITY, TOTAL (MG/L AS CaCO ₃)		245	mg/L as CaCO ₃	
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	<	4.1	ug/L	
50938	ANION/CATION CHG BAL, PERCENT		2.91	PCT	
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	<	1	ug/L	
01000	ARSENIC, DISSOLVED (UG/L AS AS)	<	2	ug/L	
01005	BARIUM, DISSOLVED (UG/L AS BA)		42.7	ug/L	
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	<	1	ug/L	
00440	BICARBONATE ION, CALCULATED (MG/L AS HCO ₃)		298.98	mg/L	
01020	BORON, DISSOLVED (UG/L AS B)	<	51	ug/L	
71870	BROMIDE, DISSOLVED, (MG/L AS BR)		0.12	mg/L	
01025	CADMIUM, DISSOLVED (UG/L AS CD)	<	1	ug/L	
00915	CALCIUM, DISSOLVED (MG/L AS CA)		90.4	mg/L	
00445	CARBONATE ION, CALCULATED (MG/L AS CO ₃)		0	mg/L	
00941	CHLORIDE, DISSOLVED (MG/L AS CL)		20.9	mg/L	
01030	CHROMIUM, DISSOLVED (UG/L AS CR)		3.2	ug/L	
01035	COBALT, DISSOLVED (UG/L AS CO)	<	1	ug/L	
01040	COPPER, DISSOLVED (UG/L AS CU)		2.1	ug/L	
00950	FLUORIDE, DISSOLVED (MG/L AS F)		0.22	mg/L	
00900	HARDNESS, TOTAL, CALCULATED (MG/L AS CaCO ₃)		300	mg/L as CaCO ₃	
01046	IRON, DISSOLVED (UG/L AS FE)	<	51	ug/L	
01049	LEAD, DISSOLVED (UG/L AS PB)	<	1	ug/L	
01130	LITHIUM, DISSOLVED (UG/L AS LI)		8.3	ug/L	
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)		17.9	mg/L	
01056	MANGANESE, DISSOLVED (UG/L AS MN)	<	1	ug/L	
71890	MERCURY, DISSOLVED (UG/L AS HG)	<	0.2	ug/L	
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	<	1	ug/L	
71851	NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO ₃)		6.55	mg/L as NO ₃	

**Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number
68-16-603**

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00631	NITRITE PLUS NITRATE, DISSOLVED (MG/L AS N)		1.48	mg/L as N	
00400	PH (STANDARD UNITS), FIELD		6.85	SU	
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	<	0.02	mg/L as P	
00935	POTASSIUM, DISSOLVED (MG/L AS K)		1.3	mg/L	
71860	RESIDUAL SODIUM CARBONATE, CALCULATED		0		
01145	SELENIUM, DISSOLVED (UG/L AS SE)	<	4.1	ug/L	
00955	SILICA, DISSOLVED (MG/L AS SI02)		12.6	mg/L as SI02	
01075	SILVER, DISSOLVED (UG/L AS AG)	<	1	ug/L	
00931	SODIUM ADSORPTION RATIO, CALCULATED (SAR)		0.31		
00932	SODIUM, CALCULATED, PERCENT		8	PCT	
00930	SODIUM, DISSOLVED (MG/L AS NA)		12.5	mg/L	
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C)		604	MICR	
01080	STRONTIUM, DISSOLVED (UG/L AS SR)		610	ug/L	
00946	SULFATE, DISSOLVED (MG/L AS SO4)		28.6	mg/L as SO4	
00010	TEMPERATURE, WATER (CELSIUS)		23.4	C	
01057	THALLIUM, DISSOLVED (UG/L AS TL)	<	1	ug/L	
70301	TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L)		339	mg/L	
22703	URANIUM, NATURAL, DISSOLVED (UG/L AS U)	<	1	ug/L	
01085	VANADIUM, DISSOLVED (UG/L AS V)		3.2	ug/L	
01090	ZINC, DISSOLVED (UG/L AS ZN)	<	4.1	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 (<https://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.

[GWDB Reports and Downloads](#)
[Well Basic Details](#)
[Scanned Documents](#)

State Well Number	6816604
County	Comal
River Basin	Guadalupe
Groundwater Management Area	10
Regional Water Planning Area	L - South Central Texas
Groundwater Conservation District	Edwards Aquifer Authority
Latitude (decimal degrees)	29.818611
Latitude (degrees minutes seconds)	29° 49' 07" N
Longitude (decimal degrees)	-98.0225
Longitude (degrees minutes seconds)	098° 01' 21" W
Coordinate Source	+/- 1 Second
Aquifer Code	218EDRDA - Edwards and Associated Limestones
Aquifer	Edwards (Balcones Fault Zone)
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	678
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	280
Well Depth Source	Driller's Log
Drilling Start Date	
Drilling End Date	10/0/1969
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Unused
Water Level Observation	None
Water Quality Available	Yes
Pump	None
Pump Depth (feet below land surface)	
Power Type	
Annular Seal Method	
Surface Completion	
Owner	Hudson Cattle Company
Driller	Kutscher Drilling Co
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	Texas Water Development Board
Created Date	6/10/1999
Last Update Date	6/28/1999

Remarks

Casing - No Data

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

No Data Available

Water Quality Analysis

Sample Date: 11/1/1969 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** U.S. Geological Survey

Sampled Aquifer: Edwards and Associated Limestones

Analyzed Lab: U.S. Geological Survey Lab

Reliability: Not indicative of aquifer quality.

Collection Remarks: bailed

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)		0	mg/L	
00410	ALKALINITY, TOTAL (MG/L AS CaCO ₃)		291.8	mg/L as CaCO ₃	
00440	BICARBONATE ION, CALCULATED (MG/L AS HCO ₃)		356.1	mg/L	
00910	CALCIUM (MG/L)		370	mg/L	
00445	CARBONATE ION, CALCULATED (MG/L AS CO ₃)		0	mg/L	
00940	CHLORIDE, TOTAL (MG/L AS CL)		1200	mg/L	
00900	HARDNESS, TOTAL, CALCULATED (MG/L AS CaCO ₃)		1741	mg/L as CaCO ₃	
00920	MAGNESIUM (MG/L)		199	mg/L	
71851	NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO ₃)		0	mg/L as NO ₃	
00400	PH (STANDARD UNITS), FIELD		7.3	SU	
00937	POTASSIUM, TOTAL (MG/L AS K)		34	mg/L	
71860	RESIDUAL SODIUM CARBONATE, CALCULATED		0		
00955	SILICA, DISSOLVED (MG/L AS SiO ₂)		13	mg/L as SiO ₂	
00931	SODIUM ADSORPTION RATIO, CALCULATED (SAR)		6.36		
00932	SODIUM, CALCULATED, PERCENT		43	PCT	
00929	SODIUM, TOTAL (MG/L AS Na)		610	mg/L	
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C)		5590	MICR	
00945	SULFATE, TOTAL (MG/L AS SO ₄)		1140	mg/L as SO ₄	
70301	TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L)		3741	mg/L	

Water Quality Analysis

Sample Date: 1/5/1970 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** U.S. Geological Survey

Sampled Aquifer: Edwards and Associated Limestones

Analyzed Lab: U.S. Geological Survey Lab

Reliability: Not indicative of aquifer quality.

Collection Remarks: bailed from well bottom

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)		0	mg/L	
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)		308.2	mg/L as CaCO 3	
00440	BICARBONATE ION, CALCULATED (MG/L AS HCO3)		376.11	mg/L	
00445	CARBONATE ION, CALCULATED (MG/L AS CO3)		0	mg/L	
00940	CHLORIDE, TOTAL (MG/L AS CL)		54	mg/L	
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)		54	mg/L as CaCO 3	
00900	HARDNESS, TOTAL, CALCULATED (MG/L AS CaCO3)		362	mg/L as CaCO 3	
00400	PH (STANDARD UNITS), FIELD		7.4	SU	
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C)		824	MICR	
00945	SULFATE, TOTAL (MG/L AS SO4)		54	mg/L as SO4	

* 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 (<https://www.twdb.texas.gov/groundwater/data/gwdb.rpt.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.

[GWDB Reports and Downloads](#)
[Well Basic Details](#)
[Scanned Documents](#)

State Well Number	6816606
County	Hays
River Basin	Guadalupe
Groundwater Management Area	10
Regional Water Planning Area	L - South Central Texas
Groundwater Conservation District	Edwards Aquifer Authority
Latitude (decimal degrees)	29.819722
Latitude (degrees minutes seconds)	29° 49' 11" N
Longitude (decimal degrees)	-98.019444
Longitude (degrees minutes seconds)	098° 01' 10" W
Coordinate Source	+/- 1 Second
Aquifer Code	218EBFZA - Edwards and Associated Limestones - (Balcones Fault Zone Aquifer)
Aquifer	Edwards (Balcones Fault Zone)
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	710
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	405
Well Depth Source	Driller's Log
Drilling Start Date	
Drilling End Date	12/0/1969
Drilling Method	Cable Tool
Borehole Completion	Open Hole

Well Type	Withdrawal of Water
Well Use	Stock
Water Level Observation	None
Water Quality Available	No
Pump	Submersible
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	Hill Country Feeders
Driller	Kutscher Drilling Co
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	U.S. Geological Survey
Created Date	4/25/1994
Last Update Date	4/25/1994

Remarks	
---------	--

Casing - No Data

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

No Data Available

Water Quality Analysis - No Data Available

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (<https://www.twdb.texas.gov/groundwater/data/gwdb rpt.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.

**Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number
68-16-608**

[GWDB Reports and Downloads](#)

Well Basic Details

[Scanned Documents](#)

State Well Number	6816608
County	Hays
River Basin	Guadalupe
Groundwater Management Area	10
Regional Water Planning Area	L - South Central Texas
Groundwater Conservation District	Edwards Aquifer Authority
Latitude (decimal degrees)	29.818889
Latitude (degrees minutes seconds)	29° 49' 08" N
Longitude (decimal degrees)	-98.0175
Longitude (degrees minutes seconds)	098° 01' 03" W
Coordinate Source	Global Positioning System - GPS
Aquifer Code	
Aquifer	Unassigned
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	704
Land Surface Elevation Method	Level Or Other Surveying Meth.
Well Depth (feet below land surface)	
Well Depth Source	
Drilling Start Date	
Drilling End Date	
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	
Water Level Observation	Miscellaneous Measurements
Water Quality Available	No
Pump	
Pump Depth (feet below land surface)	
Power Type	
Annular Seal Method	
Surface Completion	
Owner	Hudson Cattle Company
Driller	
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	Groundwater Conservation District
Created Date	2/16/2011
Last Update Date	2/16/2011

Remarks	
---------	--

Casing - No Data

Well Tests - No Data

Lithology - No Data

Annular Seal Range - No Data

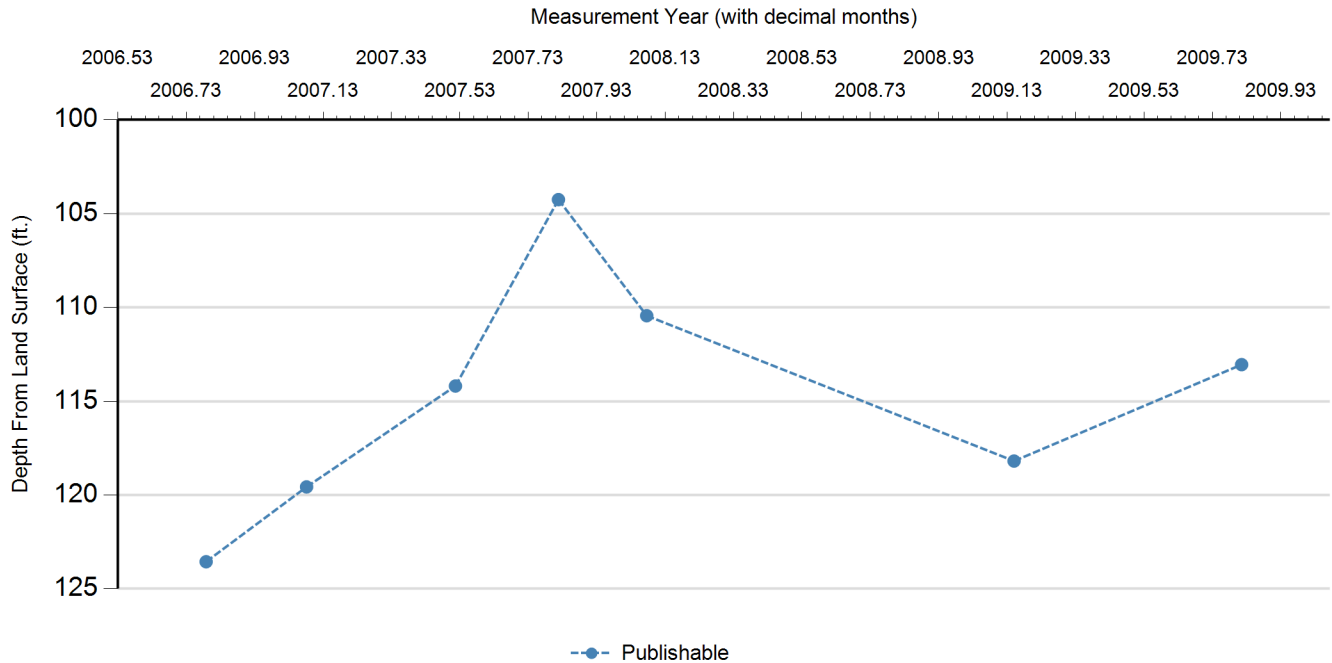
Borehole - No Data

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	10/18/2006		123.56		580.44	1	Groundwater Conservation District	Steel Tape		
P	1/30/2007		119.57	(3.99)	584.43	1	Groundwater Conservation District	Steel Tape		
P	7/9/2007		114.19	(5.38)	589.81	1	Groundwater Conservation District	Steel Tape		
P	10/29/2007		104.25	(9.94)	599.75	1	Groundwater Conservation District	Steel Tape		
P	1/28/2008		110.44	6.19	593.56	1	Groundwater Conservation District	Steel Tape		
P	2/25/2009		118.19	7.75	585.81	1	Groundwater Conservation District	Steel Tape		
P	10/28/2009		113.05	(5.14)	590.95	1	Groundwater Conservation District	Steel Tape		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis - No Data Available

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (<https://www.twdb.texas.gov/groundwater/data/gwdb.rpt.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.

[GWDB Reports and Downloads](#)
[Well Basic Details](#)
[Scanned Documents](#)

State Well Number	6816609
County	Hays
River Basin	Guadalupe
Groundwater Management Area	10
Regional Water Planning Area	L - South Central Texas
Groundwater Conservation District	Edwards Aquifer Authority
Latitude (decimal degrees)	29.818611
Latitude (degrees minutes seconds)	29° 49' 07" N
Longitude (decimal degrees)	-98.016944
Longitude (degrees minutes seconds)	098° 01' 01" W
Coordinate Source	Global Positioning System - GPS
Aquifer Code	
Aquifer	Unassigned
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	712
Land Surface Elevation Method	Level Or Other Surveying Meth.
Well Depth (feet below land surface)	
Well Depth Source	
Drilling Start Date	
Drilling End Date	
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	
Water Level Observation	Miscellaneous Measurements
Water Quality Available	No
Pump	
Pump Depth (feet below land surface)	
Power Type	
Annular Seal Method	
Surface Completion	
Owner	Hudson Cattle Company
Driller	
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	Groundwater Conservation District
Created Date	2/16/2011
Last Update Date	2/16/2011

Remarks	
---------	--

Casing - No Data

Well Tests - No Data

Lithology - No Data

Annular Seal Range - No Data

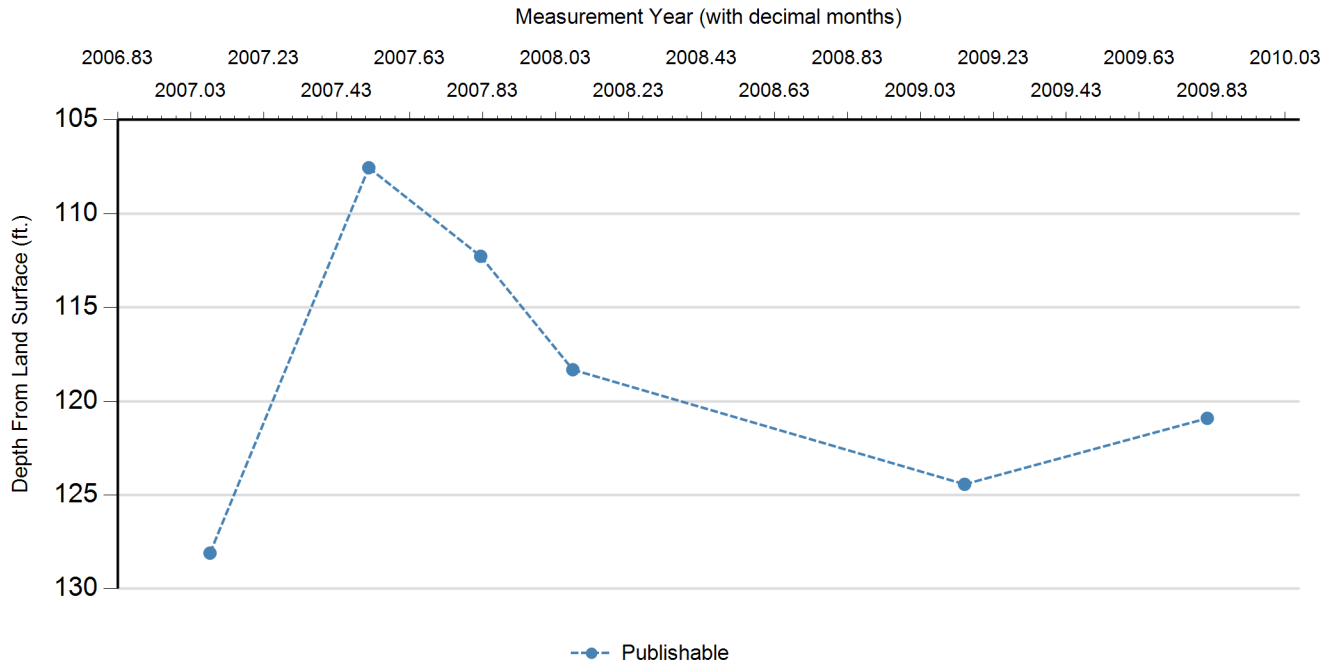
Borehole - No Data

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	1/30/2007		128.1		583.9	1	Groundwater Conservation District	Steel Tape		
P	7/9/2007		107.55	(20.55)	604.45	1	Groundwater Conservation District	Steel Tape		
P	11/1/2007		112.27	4.72	599.73	1	Groundwater Conservation District	Steel Tape		
P	1/28/2008		118.32	6.05	593.68	1	Groundwater Conservation District	Steel Tape		
P	2/25/2009		124.43	6.11	587.57	1	Groundwater Conservation District	Steel Tape		
P	10/28/2009		120.91	(3.52)	591.09	1	Groundwater Conservation District	Steel Tape		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis - No Data Available

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (<https://www.twdb.texas.gov/groundwater/data/gwdb rpt.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.

STATE OF TEXAS WELL REPORT for Tracking #13721

Owner: **Partners & Assoc., Inc.**

Owner Well #: **B1**

Address: **510 Union Ave.
Knoxville, TN 37902**

Grid #: **68-16-6**

Well Location: **.5 Mi. North of York Creek Rd. @ IH-35
San Marcos, TX 78666**

Latitude: **29° 48' 04" N**

Longitude: **098° 00' 54" W**

Well County: **Hays**

Elevation: **No Data**

Type of Work: **New Well**

Proposed Use: **Environmental Soil Boring**

Drilling Start Date: **10/10/2002**

Drilling End Date: **10/10/2002**

	<i>Diameter (in.)</i>	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>
Borehole:	8	0	25

Drilling Method: **Hollow Stem Auger**

Borehole Completion: **Unknown**

	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>	<i>Description (number of sacks & material)</i>
Annular Seal Data:	0	2	1 Cem.
	2	25	7 Bent.

Seal Method: **By hand**

Distance to Property Line (ft.): **No Data**

Sealed By: **Unknown**

Distance to Septic Field or other
concentrated contamination (ft.): **No Data**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **No Data**

Surface Completion: **Unknown**

Water Level: **No Data**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

Water Quality:

<i>Strata Depth (ft.)</i>	<i>Water Type</i>
No Data	No Data

Chemical Analysis Made: **Unknown**

Did the driller knowingly penetrate any strata which
contained injurious constituents?: **Unknown**

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: **Total Support Services**

**P.O. Box 81621
Austin, TX 78708**

Driller Name: **Brian Kern**

License Number: **54611**

Comments: **2002-343**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Casing:
BLANK PIPE & WELL SCREEN DATA

<i>Top (ft.)</i>	<i>Bottom (ft.)</i>	<i>Description</i>
0	2	Dark Gray Clay
2	12	White Crystalline Limestone
12	25	Tan and Gray Limestone

<i>Dia. (in.)</i>	<i>New/Used</i>	<i>Type</i>	<i>Setting From/To (ft.)</i>
No Pipe Installed			

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**

STATE OF TEXAS WELL REPORT for Tracking #13722

Owner: **Partners & Assoc., Inc.**

Owner Well #: **B2**

Address: **510 Union Ave.
Knoxville, TN 37902**

Grid #: **68-16-6**

Well Location: **.5 Mi. North of York Creek Rd. @ IH35
San Marcos, TX 78666**

Latitude: **29° 48' 04" N**

Longitude: **098° 00' 54" W**

Well County: **Hays**

Elevation: **No Data**

Type of Work: **New Well**

Proposed Use: **Environmental Soil Boring**

Drilling Start Date: **10/10/2002**

Drilling End Date: **10/10/2002**

	<i>Diameter (in.)</i>	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>
Borehole:	6	0	25

Drilling Method: **Bored; Hollow Stem Auger**

Borehole Completion: **Unknown**

	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>	<i>Description (number of sacks & material)</i>
Annular Seal Data:	0	2	1 Cem.
	2	25	4 Bent.

Seal Method: **By hand**

Distance to Property Line (ft.): **No Data**

Sealed By: **Unknown**

Distance to Septic Field or other
concentrated contamination (ft.): **No Data**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **No Data**

Surface Completion: **Unknown**

Water Level: **No Data**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

Water Quality:

<i>Strata Depth (ft.)</i>	<i>Water Type</i>
No Data	No Data

Chemical Analysis Made: **Unknown**

Did the driller knowingly penetrate any strata which
contained injurious constituents?: **Unknown**

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: **Total Support Services**

**P.O. Box 81621
Austin, TX 78708**

Driller Name: **Brian Kern**

License Number: **54611**

Comments: **2002-343**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Casing:
BLANK PIPE & WELL SCREEN DATA

<i>Top (ft.)</i>	<i>Bottom (ft.)</i>	<i>Description</i>
0	2	Dark Gray Clay
2	12	White Crystalline Limestone
12	25	Tan and Gray Limestone

<i>Dia. (in.)</i>	<i>New/Used</i>	<i>Type</i>	<i>Setting From/To (ft.)</i>
No Pipe Installed			

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**

STATE OF TEXAS WELL REPORT for Tracking #13723

Owner: **Partners & Assoc., Inc.**

Owner Well #: **B3**

Address: **510 Union Ave.
Knoxville, TN 37902**

Grid #: **68-16-6**

Well Location: **.5 Mi. North of York Creek Rd. @ IH35
San Marcos, TX 78666**

Latitude: **29° 48' 04" N**

Longitude: **098° 00' 54" W**

Well County: **Hays**

Elevation: **No Data**

Type of Work: **New Well**

Proposed Use: **Environmental Soil Boring**

Drilling Start Date: **10/10/2002** Drilling End Date: **10/10/2002**

	<i>Diameter (in.)</i>	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>
Borehole:	6	0	25

Drilling Method: **Bored; Hollow Stem Auger**

Borehole Completion: **Unknown**

	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>	<i>Description (number of sacks & material)</i>
Annular Seal Data:	0	2	1 Cem.
	2	25	4 Bent.

Seal Method: **By hand**

Distance to Property Line (ft.): **No Data**

Sealed By: **Unknown**

Distance to Septic Field or other
concentrated contamination (ft.): **No Data**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **No Data**

Surface Completion: **Unknown**

Water Level: **No Data**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

Water Quality:

<i>Strata Depth (ft.)</i>	<i>Water Type</i>
No Data	No Data

Chemical Analysis Made: **Unknown**

Did the driller knowingly penetrate any strata which
contained injurious constituents?: **Unknown**

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: **Total Support Services**

**P.O. Box 81621
Austin, TX 78708**

Driller Name: **Brian Kern**

License Number: **54611**

Comments: **2002-343**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Casing:
BLANK PIPE & WELL SCREEN DATA

<i>Top (ft.)</i>	<i>Bottom (ft.)</i>	<i>Description</i>
0	2	Dark Gray Clay
2	12	White Crystalline Limestone
12	25	Tan and Gray Limestone

<i>Dia. (in.)</i>	<i>New/Used</i>	<i>Type</i>	<i>Setting From/To (ft.)</i>
No Pipe Installed			

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**

STATE OF TEXAS WELL REPORT for Tracking #145505

Owner: **Texas Downstream Properties, Inc.**

Owner Well #: **MW-1**

Address: **4800 Fournace Place, E530 C
Bellaire, TX 77401**

Grid #: **68-16-6**

Well Location: **Hearne Pipeline, Mile Post 118.5
San Marcos, TX**

Latitude: **29° 48' 02" N**

Longitude: **098° 01' 00" W**

Well County: **Hays**

Elevation: **No Data**

Type of Work: **New Well**

Proposed Use: **Monitor**

Drilling Start Date: **5/5/2008**

Drilling End Date: **5/5/2008**

	<i>Diameter (in.)</i>	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>
Borehole:	8	0	25

Drilling Method: **Hollow Stem Auger**

Borehole Completion: **Filter Packed**

	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>	<i>Filter Material</i>	<i>Size</i>
Filter Pack Intervals:	3	25	Gravel	20/40

	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>	<i>Description (number of sacks & material)</i>
Annular Seal Data:	0	2	2, Concrete
	2	3	1, Bentonite
	3	25	12, Sand

Seal Method: **Grout**

Distance to Property Line (ft.): **No Data**

Sealed By: **Unknown**

Distance to Septic Field or other
concentrated contamination (ft.): **No Data**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **No Data**

Surface Completion: **Alternative Procedure Used**

Water Level: **No Data**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

Water Quality:

Strata Depth (ft.)	Water Type
No Data	No Data

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which
contained injurious constituents?: **No**

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: **Advanced Drilling Systems, Inc.**

**904 W. Tidwell
Houston, TX 77091**

Driller Name: **Mario Moya**

License Number: **4990**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Casing:
BLANK PIPE & WELL SCREEN DATA

From (ft)	To (ft)	Description
0-2:		Light brown clayey gravel/caliche, abundant calcareous nodules.
2-16:		Gray silty clay, abundant white calcareous nodules, some limestone fragments
		- Turning greenish-gray with some white calcareous seams
		- very silty
		- moist
		- turning brownish-yellow
		- abundant caliche seams
		- some damp white calcareous seams
16-25:		gray clay, firm, abundant yellowish-brown mottling
		- some gray clayey silt seams
		- some yellowish-brown clayey silt seams
		- some white calcareous nodules.

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
2	New	PVC Casing	0-5 sch-40
2	New	PVC Slotted	5-25 0.01

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**

STATE OF TEXAS WELL REPORT for Tracking #145556

Owner: **Texas Downstream Properties, Inc.**

Owner Well #: **MW-2**

Address: **4800 Fournace Place, E530 C
Bellaire, TX 77401**

Grid #: **68-16-6**

Well Location: **Hearne Pipeline, Mile Post 118.5
San Marcos, TX**

Latitude: **29° 48' 02" N**

Longitude: **098° 01' 00" W**

Well County: **Hays**

Elevation: **No Data**

Type of Work: **New Well**

Proposed Use: **Monitor**

Drilling Start Date: **5/5/2008**

Drilling End Date: **5/5/2008**

	<i>Diameter (in.)</i>	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>
Borehole:	8	0	25

Drilling Method: **Hollow Stem Auger**

Borehole Completion: **Filter Packed**

	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>	<i>Filter Material</i>	<i>Size</i>
Filter Pack Intervals:	3	25	Gravel	20/40

	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>	<i>Description (number of sacks & material)</i>
Annular Seal Data:	0	2	2, Concrete
	2	3	1, Bentonite
	3	25	13, Sand

Seal Method: **Grout**

Distance to Property Line (ft.): **No Data**

Sealed By: **Unknown**

Distance to Septic Field or other
concentrated contamination (ft.): **No Data**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **No Data**

Surface Completion: **Alternative Procedure Used**

Water Level: **7.5 ft. below land surface on 2008-06-05** Measurement Method: **Unknown**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

Water Quality:

Strata Depth (ft.)	Water Type
No Data	No Data

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which
contained injurious constituents?: **No**

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: **Advanced Drilling Systems, Inc.**

**904 W. Tidwell
Houston, TX 77091**

Driller Name: **Mario Moya**

License Number: **4990**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Casing:
BLANK PIPE & WELL SCREEN DATA

From (ft)	To (ft)	Description
0-16: Black silty clay with abundant white calcareous nodules		
- abundant white fragmented limestone		
- very silty		
- turning light olive gray		
- abundant white calcareous seams		
- some dark yellowish-brown mottling		
- abundant white calcareous silty seams		
- some brown chert nodules		
- very silty		
16-19: Black and white chert gravel with some gray clay seams		
- damp		
19-25: Brownish-yellow silty clay with some white limestone fragments		
- very silty		
- some brownish-yellow firm clay seams		
- some gray mottling		

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
2 New PVC Casing 0-5 sch-40			
2 New PVC Slotted 5-25 0.01			

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**

STATE OF TEXAS WELL REPORT for Tracking #145559

Owner: **Texas Downstream Properties, Inc.**

Owner Well #: **MW-3**

Address: **4800 Fournace Place, E530 C
Bellaire, TX 77401**

Grid #: **68-16-6**

Well Location: **Hearne Pipeline, Mile Post 118.5
San Marcos, TX**

Latitude: **29° 48' 01" N**

Longitude: **098° 01' 00" W**

Well County: **Hays**

Elevation: **No Data**

Type of Work: **New Well**

Proposed Use: **Monitor**

Drilling Start Date: **5/5/2008**

Drilling End Date: **5/5/2008**

	<i>Diameter (in.)</i>	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>
Borehole:	8	0	25

Drilling Method: **Hollow Stem Auger**

Borehole Completion: **Filter Packed**

	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>	<i>Filter Material</i>	<i>Size</i>
Filter Pack Intervals:	3	25	Gravel	20/40

	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>	<i>Description (number of sacks & material)</i>
Annular Seal Data:	0	2	2, Concrete
	2	3	1, Bentonite
	3	25	12, Sand

Seal Method: **Grout**

Distance to Property Line (ft.): **No Data**

Sealed By: **Unknown**

Distance to Septic Field or other
concentrated contamination (ft.): **No Data**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **No Data**

Surface Completion: **Alternative Procedure Used**

Water Level: **No Data**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

Water Quality:

Strata Depth (ft.)	Water Type
No Data	No Data

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which
contained injurious constituents?: **No**

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: **Advanced Drilling Systems, Inc.**

**904 W. Tidwell
Houston, TX 77091**

Driller Name: **Mario Moya**

License Number: **4990**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Casing:
BLANK PIPE & WELL SCREEN DATA

From (ft)	To (ft)	Description
0-16: Black silty clay with abundant white limestone fragments		
- very silty		
-turning brownish-yellow		
- abundant white calcareous nodules		
- some black chert nodules		
- abundant white fragmented limestone		
- very silty		
- abundant white calcareous silty seams		
- very damp		
- abundant white limestone fragments		
- some white calcareous seams		
16-19: Black and white chert gravel pebbles and nodules		
- abundant calcareous nodules		
19-25: Brownish-yellow clay firm, abundant gray mottling		
- very firm		
- some fractures		
- abundant gray mottling		

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
2 New PVC Casing 0-5 sch-40			
2 New PVC Slotted 5-25 0.01			

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**

STATE OF TEXAS WELL REPORT for Tracking #145562

Owner: **Texas Downstream Properties, Inc.**

Owner Well #: **MW-4**

Address: **4800 Fournace Place, E530 C
Bellaire, TX 77401**

Grid #: **68-16-6**

Well Location: **Hearne Pipeline, Mile Post 118.5
San Marcos, TX**

Latitude: **29° 48' 02" N**

Longitude: **098° 01' 00" W**

Well County: **Hays**

Elevation: **No Data**

Type of Work: **New Well**

Proposed Use: **Monitor**

Drilling Start Date: **5/6/2008**

Drilling End Date: **5/6/2008**

	<i>Diameter (in.)</i>	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>
Borehole:	8	0	25

Drilling Method: **Hollow Stem Auger**

Borehole Completion: **Filter Packed**

	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>	<i>Filter Material</i>	<i>Size</i>
Filter Pack Intervals:	3	25	Gravel	20/40

	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>	<i>Description (number of sacks & material)</i>
Annular Seal Data:	0	2	2, Concrete
	2	3	1, Bentonite
	3	25	13, Sand

Seal Method: **Grout**

Distance to Property Line (ft.): **No Data**

Sealed By: **Unknown**

Distance to Septic Field or other
concentrated contamination (ft.): **No Data**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **No Data**

Surface Completion: **Alternative Procedure Used**

Water Level: **5.5 ft. below land surface on 2008-06-06** Measurement Method: **Unknown**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

Water Quality:

Strata Depth (ft.)	Water Type
No Data	No Data

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which
contained injurious constituents?: **No**

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: **Advanced Drilling Systems, Inc.**

**904 W. Tidwell
Houston, TX 77091**

Driller Name: **Mario Moya**

License Number: **4990**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Casing:
BLANK PIPE & WELL SCREEN DATA

From (ft)	To (ft)	Description
0-11:		Black silty clay with abundant white limestone fragments
		- some gray mottling
		-turning light olive gray
		- abundant white calcareous nodules seams
11-14:		White pink and black chert gravel with abundant limestone pebbles, some interbedded gray clay seams, damp
14-18:		Pale brown silty clay with abundant white limestone fragments
		- some gray clayey silt seams
18-25:		Brownish-yellow clay firm, abundant gray mottling
		- abundant fractures
		- some gray clayey silt seams
		- firm
		- strong plasticity

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
2	New	PVC Casing	0-5 sch-40
2	New	PVC Slotted	5-25 0.01

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**

STATE OF TEXAS WELL REPORT for Tracking #145568

Owner: **Texas Downstream Properties, Inc.**

Owner Well #: **MW-5**

Address: **4800 Fournace Place, E530 C
Bellaire, TX 77401**

Grid #: **68-16-6**

Well Location: **Hearne Pipeline, Mile Post 118.5
San Marcos, TX**

Latitude: **29° 48' 02" N**

Longitude: **098° 01' 00" W**

Well County: **Hays**

Elevation: **No Data**

Type of Work: **New Well**

Proposed Use: **Monitor**

Drilling Start Date: **5/6/2008**

Drilling End Date: **5/6/2008**

	<i>Diameter (in.)</i>	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>
Borehole:	8	0	25

Drilling Method: **Hollow Stem Auger**

Borehole Completion: **Filter Packed**

	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>	<i>Filter Material</i>	<i>Size</i>
Filter Pack Intervals:	3	25	Gravel	20/40

	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>	<i>Description (number of sacks & material)</i>
Annular Seal Data:	0	2	2, Concrete
	2	3	1, Bentonite
	3	25	12, Sand

Seal Method: **Grout**

Distance to Property Line (ft.): **No Data**

Sealed By: **Unknown**

Distance to Septic Field or other
concentrated contamination (ft.): **No Data**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **No Data**

Surface Completion: **Alternative Procedure Used**

Water Level: **6 ft. below land surface on 2008-06-06**

Measurement Method: **Unknown**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

Water Quality:

Strata Depth (ft.)	Water Type
No Data	No Data

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which
contained injurious constituents?: **No**

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: **Advanced Drilling Systems, Inc.**

**904 W. Tidwell
Houston, TX 77091**

Driller Name: **Mario Moya**

License Number: **4990**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Casing:
BLANK PIPE & WELL SCREEN DATA

From (ft)	To (ft)	Description
0-3:		Concrete with caliche and sand bas- geotechnical sample taken from 1 to 3
3-11:		Black silty clay with abundant white limestone fragments
		- turning gray with abundant light brownish-gray mottling
		- very silty
11-13:		black and white chert gravel with abundant white silty seams
13-25:		yellowish-brown clay, firm abundant gray mottling
		- abundant fractures
		- some gray clayey silt seams
		- abundant calcareous nodules
		- some fracture
		- strong plasticity
		- abundant fracture, damp
		- firm
		- strong plasticity
		- some gray clayey silt seams

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
2	New	PVC Casing	0-5 sch-40
2	New	PVC Slotted	5-25 0.01

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**

STATE OF TEXAS WELL REPORT for Tracking #157250

Owner: **Former Wolfe Nursery**

Owner Well #: **B-1**

Address: **9455 W IH 10
San Antonio, TX 78230**

Grid #: **68-16-6**

Well Location: **9455 W IH 10
San Antonio, TX 78230**

Latitude: **29° 47' 58" N**

Longitude: **098° 00' 58" W**

Well County: **Bexar**

Elevation: **No Data**

Type of Work: **New Well**

Proposed Use: **Environmental Soil Boring**

Drilling Start Date: **10/2/2008**

Drilling End Date: **10/2/2008**

	<i>Diameter (in.)</i>	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>
Borehole:	4	0	3.5

Drilling Method: **Driven**

Borehole Completion: **Plugged**

	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>	<i>Description (number of sacks & material)</i>
Annular Seal Data:	0	2	2 Cement
	2	3.5	2 Bentonite

Seal Method: **Hand Mixed**

Distance to Property Line (ft.): **No Data**

Sealed By: **Driller**

Distance to Septic Field or other
concentrated contamination (ft.): **No Data**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **No Data**

Surface Completion: **Alternative Procedure Used**

Water Level: **No Data**

Packers: **N/A**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

	<i>Description (number of sacks & material)</i>	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>
Plug Information:	N/A		

Water Quality:

Strata Depth (ft.)	Water Type
No Data	No Data

Chemical Analysis Made: **Unknown**

Did the driller knowingly penetrate any strata which
contained injurious constituents?: **Unknown**

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: **Vortex Drilling, Inc.**
4412 Bluemel Road
San Antonio, TX 78240

Driller Name: **Gary B. Leifeste** License Number: **55002**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Casing:
BLANK PIPE & WELL SCREEN DATA

From (ft)	To (ft)	Description
0-6" Concrete		
6"-1 Tan sandy lean clay w/calcareous nods		
1-3.5 Very dense tan limestone		

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
N/A			

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

STATE OF TEXAS WELL REPORT for Tracking #157252

Owner: **Former Wolfe Nursery**

Owner Well #: **B-2**

Address: **9455 W IH 10
San Antonio, TX 78230**

Grid #: **68-16-6**

Well Location: **9455 W IH 10
San Antonio, TX 78230**

Latitude: **29° 47' 58" N**

Longitude: **098° 00' 58" W**

Well County: **Bexar**

Elevation: **No Data**

Type of Work: **New Well**

Proposed Use: **Environmental Soil Boring**

Drilling Start Date: **10/2/2008**

Drilling End Date: **10/2/2008**

	<i>Diameter (in.)</i>	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>
Borehole:	4	0	3.5

Drilling Method: **Driven**

Borehole Completion: **Plugged**

	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>	<i>Description (number of sacks & material)</i>
Annular Seal Data:	0	2	2 Cement
	2	3.5	2 Bentonite

Seal Method: **Hand Mixed**

Distance to Property Line (ft.): **No Data**

Sealed By: **Driller**

Distance to Septic Field or other
concentrated contamination (ft.): **No Data**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **No Data**

Surface Completion: **Alternative Procedure Used**

Water Level: **No Data**

Packers: **N/A**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

	<i>Description (number of sacks & material)</i>	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>
Plug Information:	N/A		

Water Quality:

Strata Depth (ft.)	Water Type
No Data	No Data

Chemical Analysis Made: **Unknown**

Did the driller knowingly penetrate any strata which
contained injurious constituents?: **Unknown**

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: **Vortex Drilling, Inc.**
4412 Bluemel Road
San Antonio, TX 78240

Driller Name: **Gary B. Leifeste** License Number: **55002**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Casing:
BLANK PIPE & WELL SCREEN DATA

From (ft)	To (ft)	Description
0-5"		Concrete
5"-3		Tan sandy lean clay
3-3.5		Very dense tan limestone

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
N/A			

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

STATE OF TEXAS WELL REPORT for Tracking #157256

Owner: **Former Wolfe Nursery**

Owner Well #: **B-3**

Address: **9455 W IH 10
San Antonio, TX 78230**

Grid #: **68-16-6**

Well Location: **9455 W IH 10
San Antonio, TX 78230**

Latitude: **29° 47' 58" N**

Longitude: **098° 00' 58" W**

Well County: **Bexar**

Elevation: **No Data**

Type of Work: **New Well**

Proposed Use: **Environmental Soil Boring**

Drilling Start Date: **10/2/2008**

Drilling End Date: **10/2/2008**

	<i>Diameter (in.)</i>	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>
Borehole:	4	0	3

Drilling Method: **Driven**

Borehole Completion: **Plugged**

	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>	<i>Description (number of sacks & material)</i>
Annular Seal Data:	0	2	2 Cement
	2	3	2 Bentonite

Seal Method: **Hand Mixed**

Distance to Property Line (ft.): **No Data**

Sealed By: **Driller**

Distance to Septic Field or other
concentrated contamination (ft.): **No Data**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **No Data**

Surface Completion: **Alternative Procedure Used**

Water Level: **No Data**

Packers: **N/A**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

	<i>Description (number of sacks & material)</i>	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>
Plug Information:	N/A		

Water Quality:

<i>Strata Depth (ft.)</i>	<i>Water Type</i>
No Data	No Data

Chemical Analysis Made: **Unknown**

Did the driller knowingly penetrate any strata which
contained injurious constituents?: **Unknown**

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: **Vortex Drilling, Inc.**
4412 Bluemel Road
San Antonio, TX 78240

Driller Name: **Gary B. Leifeste** License Number: **55002**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Casing:
BLANK PIPE & WELL SCREEN DATA

<i>From (ft)</i>	<i>To (ft)</i>	<i>Description</i>
0-6"	Concrete	
6"-2	Tan sandy lean clay	
2-3	Very dense tan limestone	

<i>Dia. (in.)</i>	<i>New/Used</i>	<i>Type</i>	<i>Setting From/To (ft.)</i>
N/A			

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

STATE OF TEXAS WELL REPORT for Tracking #157257

Owner: **Former Wolfe Nursery**

Owner Well #: **B-4**

Address: **9455 W IH 10
San Antonio, TX 78230**

Grid #: **68-16-6**

Well Location: **9455 W IH 10
San Antonio, TX 78230**

Latitude: **29° 47' 58" N**

Longitude: **098° 00' 58" W**

Well County: **Bexar**

Elevation: **No Data**

Type of Work: **New Well**

Proposed Use: **Environmental Soil Boring**

Drilling Start Date: **10/2/2008**

Drilling End Date: **10/2/2008**

	<i>Diameter (in.)</i>	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>
Borehole:	4	0	3

Drilling Method: **Driven**

Borehole Completion: **Plugged**

	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>	<i>Description (number of sacks & material)</i>
Annular Seal Data:	0	2	2 Cement
	2	3	2 Bentonite

Seal Method: **Hand Mixed**

Distance to Property Line (ft.): **No Data**

Sealed By: **Driller**

Distance to Septic Field or other
concentrated contamination (ft.): **No Data**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **No Data**

Surface Completion: **Alternative Procedure Used**

Water Level: **No Data**

Packers: **N/A**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

	<i>Description (number of sacks & material)</i>	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>
Plug Information:	N/A		

Water Quality:

<i>Strata Depth (ft.)</i>	<i>Water Type</i>
No Data	No Data

Chemical Analysis Made: **Unknown**

Did the driller knowingly penetrate any strata which
contained injurious constituents?: **Unknown**

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: **Vortex Drilling, Inc.**
4412 Bluemel Road
San Antonio, TX 78240

Driller Name: **Gary B. Leifeste** License Number: **55002**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Casing:
BLANK PIPE & WELL SCREEN DATA

<i>From (ft)</i>	<i>To (ft)</i>	<i>Description</i>
0-6" Concrete		
6"-3 Very dense tan limestone, weathered, massive		

<i>Dia. (in.)</i>	<i>New/Used</i>	<i>Type</i>	<i>Setting From/To (ft.)</i>
N/A			

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

STATE OF TEXAS WELL REPORT for Tracking #157260

Owner: **Former Wolfe Nursery**

Owner Well #: **B-5**

Address: **9455 W IH 10
San Antonio, TX 78230**

Grid #: **68-16-6**

Well Location: **9455 W IH 10
San Antonio, TX 78230**

Latitude: **29° 47' 58" N**

Longitude: **098° 00' 58" W**

Well County: **Bexar**

Elevation: **No Data**

Type of Work: **New Well**

Proposed Use: **Environmental Soil Boring**

Drilling Start Date: **10/2/2008**

Drilling End Date: **10/2/2008**

	<i>Diameter (in.)</i>	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>
Borehole:	4	0	7.5

Drilling Method: **Bored**

Borehole Completion: **Plugged**

	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>	<i>Description (number of sacks & material)</i>
Annular Seal Data:	0	2	2 Cement
	2	7.5	3 Bentonite

Seal Method: **Hand Mixed**

Distance to Property Line (ft.): **No Data**

Sealed By: **Driller**

Distance to Septic Field or other
concentrated contamination (ft.): **No Data**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **No Data**

Surface Completion: **Alternative Procedure Used**

Water Level: **No Data**

Packers: **N/A**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

	<i>Description (number of sacks & material)</i>	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>
Plug Information:	N/A		

Water Quality:

Strata Depth (ft.)	Water Type
No Data	No Data

Chemical Analysis Made: **Unknown**

Did the driller knowingly penetrate any strata which
contained injurious constituents?: **Unknown**

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: **Vortex Drilling, Inc.**
4412 Bluemel Road
San Antonio, TX 78240

Driller Name: **Gary B. Leifeste** License Number: **55002**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Casing:
BLANK PIPE & WELL SCREEN DATA

From (ft)	To (ft)	Description
0-8"		Concrete
8"-1		Tan lean clay w/gravel
1-5		Very dense tan limestone, weathered, massive
5-7		Hard tan lean clay
7-7.5		Very dense tan limestone

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
N/A			

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

STATE OF TEXAS WELL REPORT for Tracking #157262

Owner: **Former Wolfe Nursery**

Owner Well #: **B-6**

Address: **9455 W IH 10
San Antonio, TX 78230**

Grid #: **68-16-6**

Well Location: **9455 W IH 10
San Antonio, TX 78230**

Latitude: **29° 47' 58" N**

Longitude: **098° 00' 58" W**

Well County: **Bexar**

Elevation: **No Data**

Type of Work: **New Well**

Proposed Use: **Environmental Soil Boring**

Drilling Start Date: **10/2/2008**

Drilling End Date: **10/2/2008**

	<i>Diameter (in.)</i>	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>
Borehole:	4	0	10

Drilling Method: **Bored**

Borehole Completion: **Plugged**

	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>	<i>Description (number of sacks & material)</i>
Annular Seal Data:	0	2	2 Cement
	2	10	4 Bentonite

Seal Method: **Hand Mixed**

Distance to Property Line (ft.): **No Data**

Sealed By: **Driller**

Distance to Septic Field or other
concentrated contamination (ft.): **No Data**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **No Data**

Surface Completion: **Alternative Procedure Used**

Water Level: **No Data**

Packers: **N/A**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

	<i>Description (number of sacks & material)</i>	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>
Plug Information:	N/A		

Water Quality:

<i>Strata Depth (ft.)</i>	<i>Water Type</i>
No Data	No Data

Chemical Analysis Made: **Unknown**

Did the driller knowingly penetrate any strata which
contained injurious constituents?: **Unknown**

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: **Vortex Drilling, Inc.**
4412 Bluemel Road
San Antonio, TX 78240

Driller Name: **Gary B. Leifeste** License Number: **55002**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Casing:
BLANK PIPE & WELL SCREEN DATA

<i>From (ft)</i>	<i>To (ft)</i>	<i>Description</i>
0-6" Concrete		
6"-4 Fill, mixture brown/tan clay, some gravel		
4-6 Brown fat clay		
6-7 Tan sandy lean clay, some gravel		
7-10 Very dense tan limestone, severely weathered		

<i>Dia. (in.)</i>	<i>New/Used</i>	<i>Type</i>	<i>Setting From/To (ft.)</i>
N/A			

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

STATE OF TEXAS WELL REPORT for Tracking #157265

Owner: **Former Wolfe Nursery**

Owner Well #: **B-7**

Address: **9455 W IH 10
San Antonio, TX 78230**

Grid #: **68-16-6**

Well Location: **9455 W IH 10
San Antonio, TX 78230**

Latitude: **29° 47' 58" N**

Longitude: **098° 00' 58" W**

Well County: **Bexar**

Elevation: **No Data**

Type of Work: **New Well**

Proposed Use: **Environmental Soil Boring**

Drilling Start Date: **10/2/2008**

Drilling End Date: **10/2/2008**

	<i>Diameter (in.)</i>	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>
Borehole:	4	0	4.5

Drilling Method: **Driven**

Borehole Completion: **Plugged**

	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>	<i>Description (number of sacks & material)</i>
Annular Seal Data:	0	2	2 Cement
	2	4.5	2 Bentonite

Seal Method: **Hand Mixed**

Distance to Property Line (ft.): **No Data**

Sealed By: **Driller**

Distance to Septic Field or other
concentrated contamination (ft.): **No Data**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **No Data**

Surface Completion: **Alternative Procedure Used**

Water Level: **No Data**

Packers: **N/A**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

	<i>Description (number of sacks & material)</i>	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>
Plug Information:	N/A		

Water Quality:

<i>Strata Depth (ft.)</i>	<i>Water Type</i>
No Data	No Data

Chemical Analysis Made: **Unknown**

Did the driller knowingly penetrate any strata which
contained injurious constituents?: **Unknown**

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: **Vortex Drilling, Inc.**
4412 Bluemel Road
San Antonio, TX 78240

Driller Name: **Gary B. Leifeste** License Number: **55002**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Casing:
BLANK PIPE & WELL SCREEN DATA

<i>From (ft)</i>	<i>To (ft)</i>	<i>Description</i>
0-6"	Concrete	
6"-2	Brown fat clay w/some gravel	
2-4	Tan sandy lean clay	
4-4.5	Very dense tan limestone	

<i>Dia. (in.)</i>	<i>New/Used</i>	<i>Type</i>	<i>Setting From/To (ft.)</i>
N/A			

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

STATE OF TEXAS WELL REPORT for Tracking #157267

Owner: **Former Wolfe Nursery**

Owner Well #: **B-8**

Address: **9455 W IH 10
San Antonio, TX 78230**

Grid #: **68-16-6**

Well Location: **9455 W IH 10
San Antonio, TX 78230**

Latitude: **29° 47' 58" N**

Longitude: **098° 00' 58" W**

Well County: **Bexar**

Elevation: **No Data**

Type of Work: **New Well**

Proposed Use: **Environmental Soil Boring**

Drilling Start Date: **10/2/2008**

Drilling End Date: **10/2/2008**

	<i>Diameter (in.)</i>	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>
Borehole:	4	0	4.5

Drilling Method: **Driven**

Borehole Completion: **Plugged**

	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>	<i>Description (number of sacks & material)</i>
Annular Seal Data:	0	2	2 Cement
	2	4.5	2 Bentonite

Seal Method: **Hand Mixed**

Distance to Property Line (ft.): **No Data**

Sealed By: **Driller**

Distance to Septic Field or other
concentrated contamination (ft.): **No Data**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **No Data**

Surface Completion: **Alternative Procedure Used**

Water Level: **No Data**

Packers: **N/A**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

	<i>Description (number of sacks & material)</i>	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>
Plug Information:	N/A		

Water Quality:

<i>Strata Depth (ft.)</i>	<i>Water Type</i>
No Data	No Data

Chemical Analysis Made: **Unknown**

Did the driller knowingly penetrate any strata which
contained injurious constituents?: **Unknown**

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: **Vortex Drilling, Inc.**
4412 Bluemel Road
San Antonio, TX 78240

Driller Name: **Gary B. Leifeste** License Number: **55002**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Casing:
BLANK PIPE & WELL SCREEN DATA

<i>From (ft)</i>	<i>To (ft)</i>	<i>Description</i>
0-6"	Concrete	
6"-4	Brown fat clay w/calcareous nods, gravel	
4-4.5	Very dense tan limestone, massive	

<i>Dia. (in.)</i>	<i>New/Used</i>	<i>Type</i>	<i>Setting From/To (ft.)</i>
N/A			

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

STATE OF TEXAS WELL REPORT for Tracking #358753

Owner:	Tex Mix Concrete	Owner Well #:	No Data
Address:	PO Box 830 Leander, TX 78641	Grid #:	68-16-6
Well Location:	201 Industrial Fork San Marcos, TX 78666	Latitude:	29° 48' 27" N
		Longitude:	098° 00' 22" W
Well County:	Hays	Elevation:	682 ft. above sea level

****This well has been plugged****

Plugging Report Tracking #93476

Type of Work:	New Well	Proposed Use:	Industrial
---------------	-----------------	---------------	-------------------

Drilling Start Date: **3/24/2014** Drilling End Date: **3/24/2014**

	<i>Diameter (in.)</i>	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>
Borehole:	7.875	0	480

Drilling Method: **Air Rotary**

Borehole Completion: **Plug**

Annular Seal Data: **No Data**

Seal Method: **Not Applicable**

Sealed By: **Unknown**

Distance to Property Line (ft.): **50+**

Distance to Septic Field or other
concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **Measured**

Surface Completion: **Unknown**

Water Level:	82 ft. below land surface on 2014-03-28	Measurement Method:	Unknown
--------------	--	---------------------	----------------

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **Jetted** **Yield: 20+ GPM**

Water Quality:

<i>Strata Depth (ft.)</i>	<i>Water Type</i>
440-460	Good TDS N/A

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which
contained injurious constituents?: **No**

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: **Whisenant & Lyle Water Services**

**PO Box 525
Dripping Springs, TX 78620**

Driller Name: **Martin Lingle**

License Number: **54813**

Apprentice Name: **Travis Haffelder**

Apprentice Number: **58603**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Casing:
BLANK PIPE & WELL SCREEN DATA

<i>Top (ft.)</i>	<i>Bottom (ft.)</i>	<i>Description</i>
0	1	Cement
1	5	Black clay
5	25	Brown-sandy loam
25	110	Gray limestone clay
110	278	White limestone
278	305	Dark shale
305	356	White limestone
356	400	Gray limestone
400	430	White limestone
430	480	Dark brown limestone

<i>Dia. (in.)</i>	<i>New/Used</i>	<i>Type</i>	<i>Setting From/To (ft.)</i>
No Data			

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**

BLUE SKY RV LIVING
WATER RESOURCE RECOVERY FACILITY (WRRF)

Treatment Process and Unit Sizing

Treatment Process

Blue Sky RV Living WRRF will be an MBR system consisting of several process trains. The system will have a primary screen, equalization tanks, multiple process trains consisting of anoxic, aeration, membrane zones, and sludge holding tanks. The facility will utilize UV or Chlorine disinfection. The design will be in accordance with Texas Administrative Code Title 30, Part 1: Texas Commission on Environmental Quality (TCEQ) Chapter 217 (Design Criteria for Domestic Wastewater Systems).

Treatment Unit Sizing

Phase 1 (50,000 GPD)

Headworks with Screening	
Equalization Tank	(1) 10' x 15' x 10' SWD = 11,220 gallons
Sludge Holding Tank	(1) 14' dia x 10' SWD = 11,509 gallons
Process Units (MBR)	(1) 40' x 10' x 10' SWD = 29,920 gallons
UV Disinfection	

Phase 2 (100,000 GPD)

Headworks with Screening	
Equalization Tank	(2) 10' x 15' x 10' SWD = 22,440 gallons
Sludge Holding Tank	(2) 14' dia x 10' SWD = 23,018 gallons
Process Units (MBR)	(2) 40' x 10' x 10' SWD = 59,840 gallons
UV Disinfection	

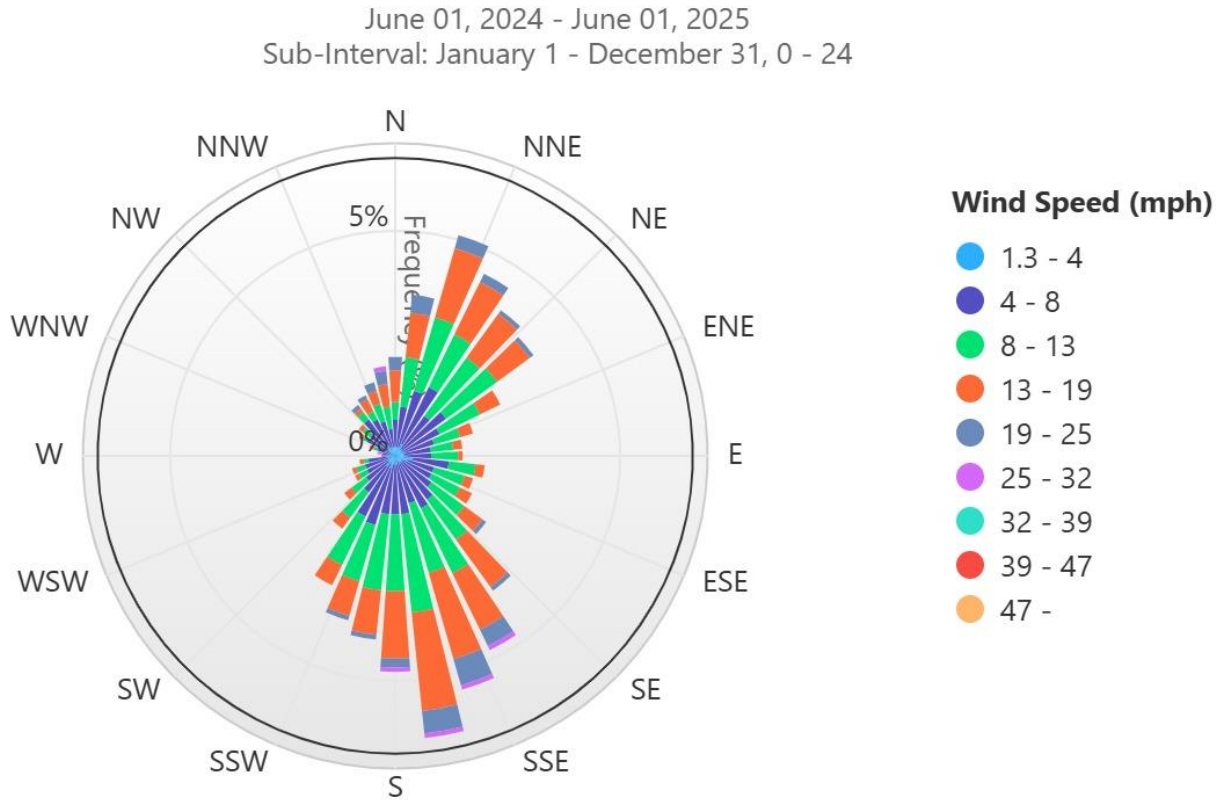
Final Phase (150,000 GPD)

Headworks with Screening	
Equalization Tank	(3) 10' x 15' x 10' SWD = 33,660 gallons
Sludge Holding Tank	(3) 14' dia x 10' SWD = 34,527 gallons
Process Units (MBR)	(3) 40' x 10' x 10' SWD = 89,760 gallons
UV Disinfection	

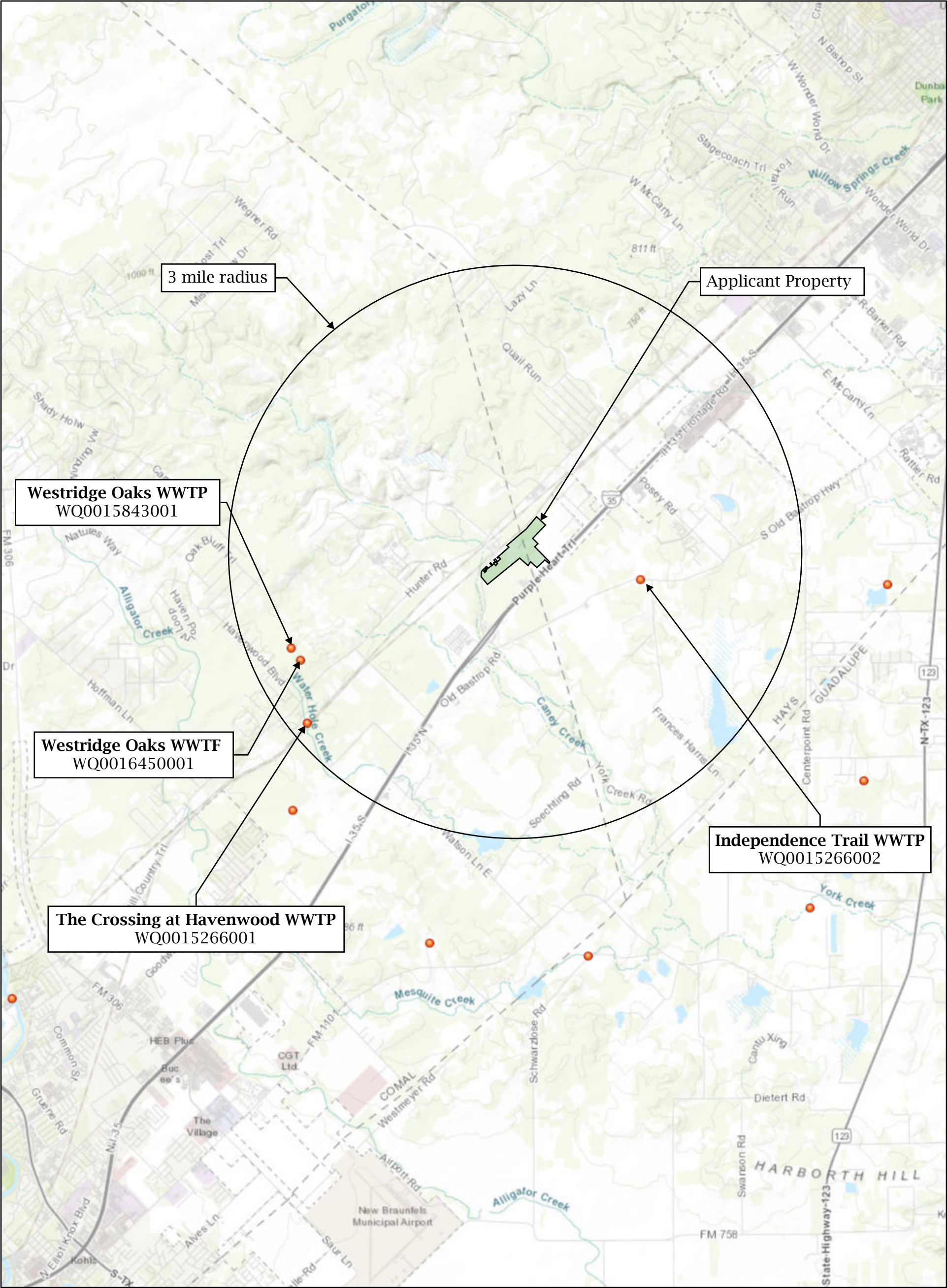
BLUE SKY RV LIVING
WATER RESOURCE RECOVERY FACILITY (WRRF)

Wind Rose

The following New Braunfels Municipal AP (TX) Wind Rose is generated from
<https://mrcc.purdue.edu>

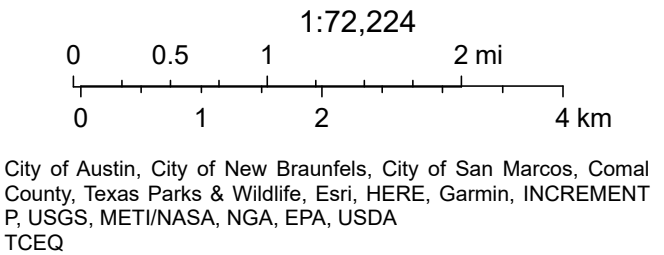


BLUE SKY RV LIVING
WATER RESOURCE RECOVERY FACILITY
Nearby Facilities



5/7/2025, 11:03:32 PM

● Wastewater Outfalls



BLUE SKY RV LIVING
WATER RESOURCE RECOVERY FACILITY (WRRF)

Solids Management Plan

- a. **The dimensions (length x width x height) and capacities (gallons or cubic feet) of all sewage sludge handling and treatment units and processes.**

Phase 1 Sludge Holding Tank - (1) 14' dia X 10' SWD

Phase 1 Sludge Holding Tank - (2) 14' dia X 10' SWD

Final Phase Sludge Holding Tank - (3) 14' dia X 10' SWD

- b. **Calculations showing the amount of solids generated at design flow and at 75%, 50%, and 25% of design flow.**

Calculations are based on the average influent BOD, as stipulated in Chapter 217.250 for firm dewatering capacity:

$$\text{Solids Generation} = (\text{Influent BOD}) \times (\text{Design Flow}) \times (0.98)$$

Phase 1 Flow 0.053 mgd

Final Phase Flow 0.103 mgd

Average Influent BOD 350 mg/L

Design Influent BOD 350 mg/L

Solids Generated 0.98 Pound Solids

per Pound of BOD applied

Phase 1 at 100% Flow 143 lb/day

 at 75% Flow 107 lb/day

 at 50% Flow 72 lb./day

 at 25% Flow 36 lb/day

Phase 2 at 100% Flow 286 lb/day

 at 75% Flow 215 lb/day

 at 50% Flow 143 lb./day

 at 25% Flow 72 lb/day

Final Phase at 100% Flow 429 lb/day

 at 75% Flow 322 lb/day

 at 50% Flow 215 lb/day

 at 25% Flow 107 lb/day

BLUE SKY RV LIVING
WATER RESOURCE RECOVERY FACILITY (WRRF)

Solids Management Plan

- c. **Operating range for mixed liquor suspended solids in the treatment process based on the design flow and the projected actual flow expected at the facility.**

Phase 1 8000 - 12,000 mg/L

Final Phase 8000 - 12,000 mg/L

- d. **A description of the procedure and method of solids removal from both the wastewater and sludge treatment processes.**

The sludge wasting pumps will convey sludge from the treatment basins to the sludge holding basin in final phase. The sludge wasting pumps will be operated manually by the operator. The sludge holding basins/tanks will be pumped as a semi-liquid onto a transport truck where it will be taken to a permitted landfill.

- e. **Quantity of solids to be removed from the process and schedule for removal of solids designed to maintain an appropriate solids inventory.**

Solids will be removed from the sludge holding tank on a 10-day rotation during final phase. The Blue Sky RV Living WRRF currently does not plan to process waste activated sludge from other facilities in liquid or cake form through its sludge processing facilities.

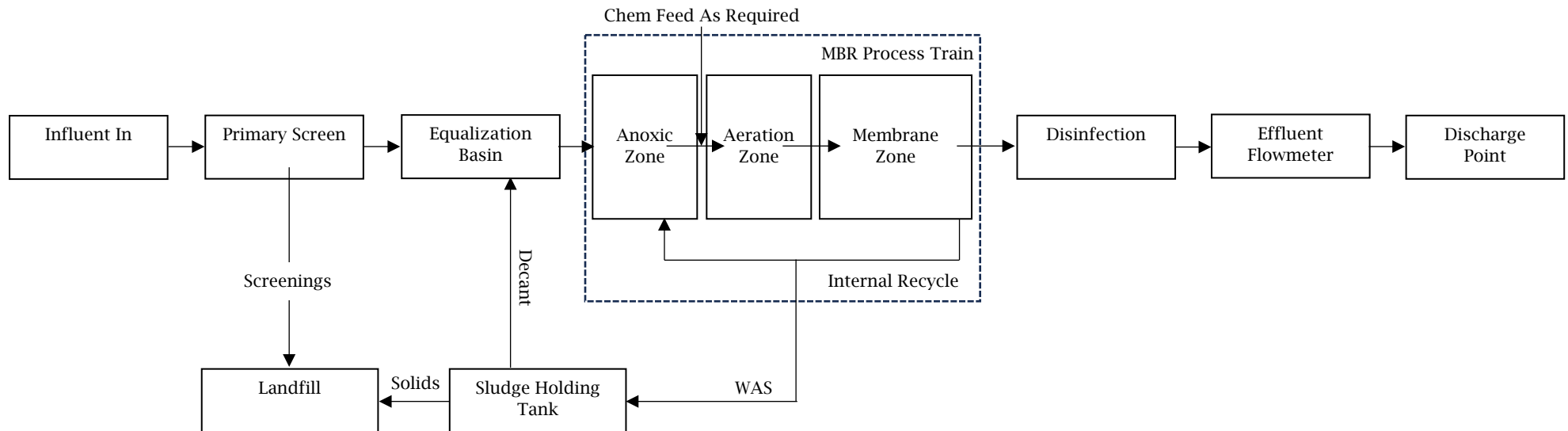
- f. **Identification and ownership of the ultimate disposal site and a system of documenting the amount of solids disposed of, recorded in dry weight.**

The facility contracted for ultimate disposal is to be determined.

BLUE SKY RV LIVING
WATER RESOURCE RECOVERY FACILITY (WRRF)

Process Flow Diagram

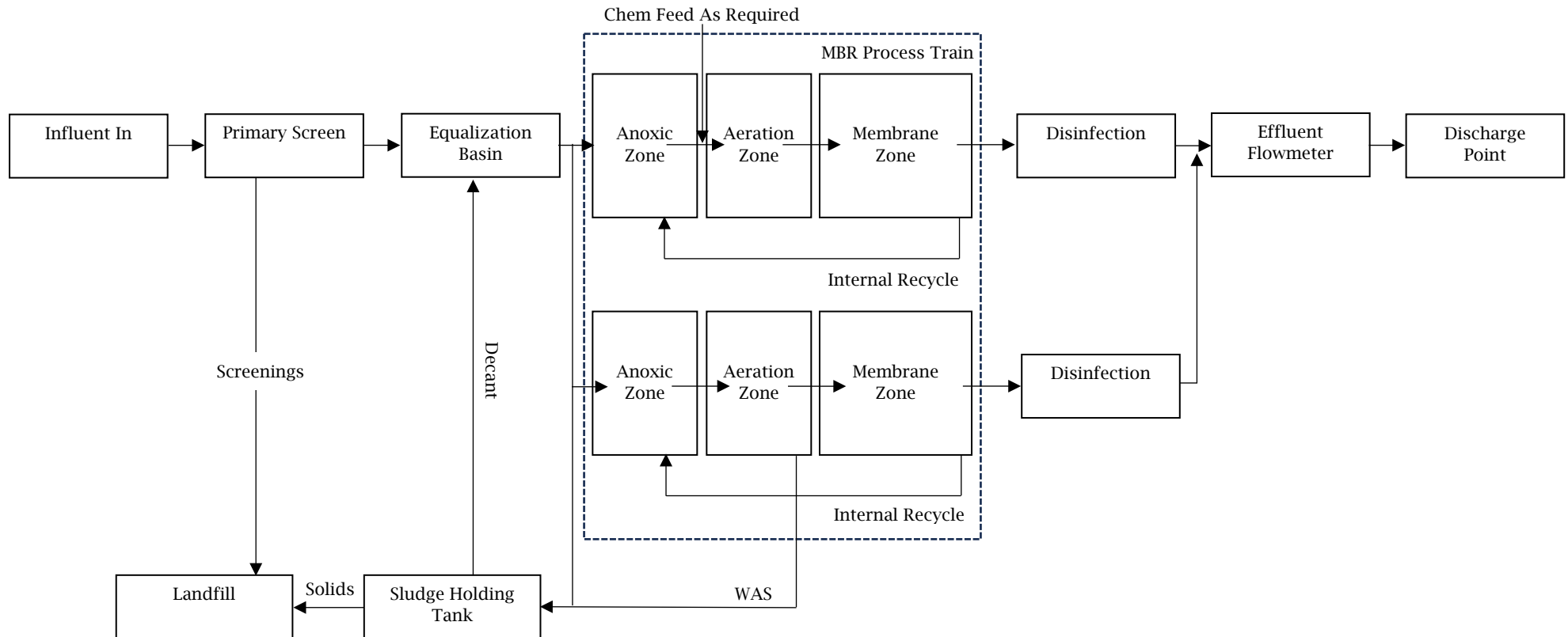
Phase 1 (50,000 gpd)



BLUE SKY RV LIVING
WATER RESOURCE RECOVERY FACILITY (WRRF)

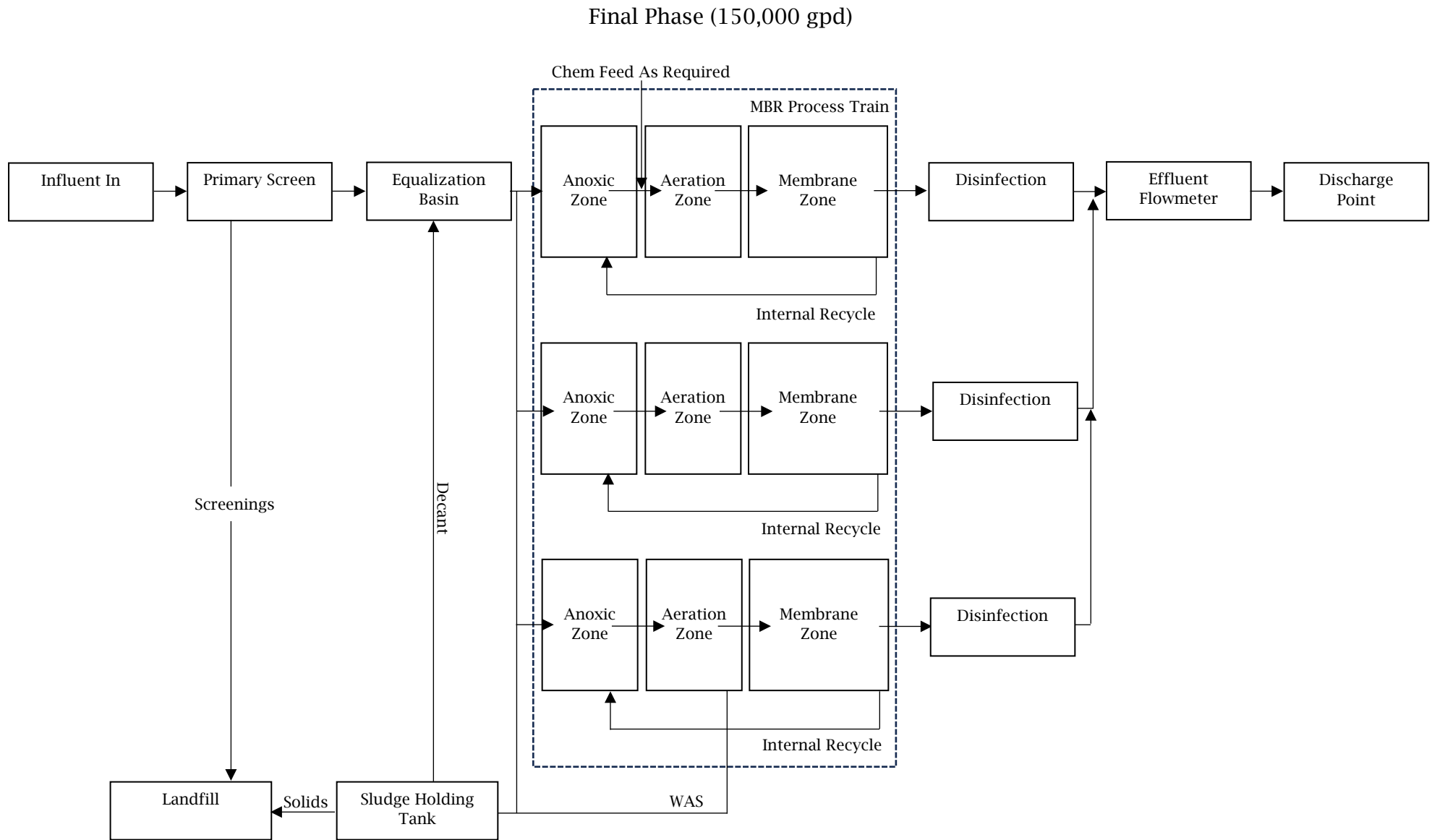
Process Flow Diagram

Phase 2 (100,000 gpd)



BLUE SKY RV LIVING
WATER RESOURCE RECOVERY FACILITY (WRRF)

Process Flow Diagram



BLUE SKY RV LIVING WRRF SITE MAP

APPLICANT PROPERTY

WATER RESOURCE RECOVERY FACILITY

DISCHARGE POINT

150' BUFFER ZONE

