



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, el Aviso de Recepción de Solicitud e Intención de Obtener un Permiso)
 - Inglés
 - Idioma alternativo (español)
3. Solicitud original

Plain Language Summary - TPDES New Application

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

ENGLISH TEMPLATE FOR TPDES or TLAP NEW/RENEWAL/AMENDMENT APPLICATIONS

DOMESTIC WASTEWATER

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 are not federal enforceable representations of the permit application.

NMCV Taylor Property Investors LLC (CN#606270122) proposes to operate 487 Acre Taylor Tract Wastewater Treatment Plant (RN #111984464). a 0.15 MGD WWTP facility. The facility will be located Approximately 0.16 miles Northeast from the intersection of FM 112 and Tucek Road, in Taylor, Williamson County, Texas 76574.

This is for a new application to discharge processed wastewater at an average daily flow of 150,000 gallons per day on an intermittent and flow-variable basis.

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*. Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7. Domestic wastewater will be treated by a suspended growth activated sludge process in extended aeration mode and the treatment units will include a mechanical auger screen, equalization basin, aeration tanks, a chlorine contact chamber.

PLANTILLA EN INGLÉS PARA SOLICITUDES DE NUEVA/RENOVACIÓN/ENMIENDA TPDES o TLAP

AGUAS RESIDUALES DOMÉSTICAS

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 federal. representaciones ejecutables de la solicitud de permiso.

NMCV Taylor Property Investors LLC (CN#606270122) propone operar la planta de tratamiento de aguas residuales de 487 Acre Taylor Tract (RN#111984464). una instalación de PTAR de 0.15 MGD. La instalación estará ubicada aproximadamente a 0,16 millas al noreste de la intersección de FM 112 y Tucek Road, en Taylor, condado de Williamson, Texas 76574.

Esto es para una nueva aplicación para descargar aguas residuales procesadas a un flujo diario promedio de 150,000 galones por día de forma intermitente y de flujo variable.

Se espera que las descargas de la instalación contengan demanda bioquímica de oxígeno carbonoso (CBOD₅) de cinco días, sólidos suspendidos totales (SST), nitrógeno amoniacal (NH₃-N) y Escherichia coli. Se incluyen contaminantes potenciales adicionales en el Informe Técnico Nacional 1.0, Sección 7. Las aguas residuales domésticas serán tratadas mediante un proceso de lodos activados de crecimiento suspendido en modo de aireación extendida y las unidades de tratamiento incluirán una criba de tornillo mecánico, un estanque de ecualización, tanques de aireación, un sistema de cloro. cámara de contacto.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



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

PERMIT NO. WQ0016554001

APPLICATION. NMCV Taylor Property Investors LLC, 2225 High Lonesome, Leander, Texas 78641, has applied to the Texas Commission on Environmental Quality (TCEQ) for proposed Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0016554001 (EPA I.D. No. TX0146153) 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 0.16 miles northeast of the intersection of Farm-to-Market Road 112 and Tucek Road, near the city of Taylor, in Williamson County, Texas 76574. The discharge route will be from the plant site to an unnamed tributary; thence to Mustang Creek; thence to Brushy Creek. TCEQ received this application on May 31, 2024. The permit application will be available for viewing and copying at City of Taylor Public Library, Public Viewing Board, 801 Vance Street, Taylor, Texas prior to the date this notice is published in the newspaper. The application, including any updates, and associated notices are available electronically at the following webpage: <https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications>. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application.

<https://gisweb.tceq.texas.gov/LocationMapper/?marker=-97.358888,30.565277&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 NMCV Taylor Property Investors LLC at the address stated above or by calling Ms. Lauren Crone, P.E., Senior Project Manager, LJA Engineering, Inc., at 512-439-4700.

Issuance Date: July 10, 2024

Comisión de Calidad Ambiental del Estado de Texas



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

PERMISO PROPUESTO NO. WQ0016554001

SOLICITUD. NMCV Taylor Property Investors LLC, 2225 High Lonesome, Leander, Texas 78641, tiene solicitó a la Comisión de Calidad Ambiental de Texas (TCEQ) la propuesta de Texas Permiso del Sistema de Eliminación de Descarga de Contaminantes (TPDES) No. WQ0016554001 (EPA I.D. No. TX0146153) para autorizar la descarga de aguas residuales tratadas en un volumen que no exceda el diario Flujo promedio de 150,000 galones por día. La instalación de tratamiento de aguas residuales domésticas será ubicado aproximadamente a 0.16 millas al noreste de la intersección de Farm-to-Market Road 112 y Tucek Road, cerca de la ciudad de Taylor, en el condado de Williamson, Texas 76574. La ruta de descarga será desde el sitio de la planta hasta un afluente no identificado; de allí a Mustang Creek; de allí a Brushy Creek. La TCEQ recibió esta solicitud el 31 de mayo de 2024. La solicitud de permiso estará disponible para ver y copiar en la Biblioteca Pública de la Ciudad de Taylor, la Junta de Visualización Pública, 801 Vance Street, Taylor, TX 76574, Taylor, Texas antes de la fecha de publicación de este aviso en el periódico. La aplicación, incluidas las actualizaciones y los avisos asociados, están disponibles electrónicamente en la siguiente página web: <https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications>. Este El enlace a un mapa electrónico de la ubicación general del sitio o instalación se proporciona como acceso público. cortesía y no forma parte de la solicitud o notificación. Para conocer la ubicación exacta, consulte la solicitud.

<https://gisweb.tceq.texas.gov/LocationMapper/?marker=-97.35881,30.565409&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 NMCV Taylor Property Investors LLC a la dirección indicada arriba o llamando a Senora Lauren Crone, P.E., Senior Project Manager al (512) 439-4700.

Fecha de emisión 10 de julio de 2024

June 12th, 2024

Abesha Michael
abesha.michael@tceq.texas.gov.
Applications Review and Processing Team (MC 148)
Water Quality Division
Texas Commission of Environmental Quality

Re: 487 Acre Taylor Tract Wastewater Treatment Plant
Proposed by NMCV Taylor Property Investors LLC
Application No. WQ0016554001
CN606270122, RN111984464
LJA Project No. A462-

Dear Abesha:

Please find the responses related to the permit application for Elgin Tract WWTP received April 19, 2024 below.

1. Section 1, application fee on page 2 of the administrative report 1.0: The application indicates the application fee for \$850.00 is paid. However, we are unable to locate the proof of payment. Please submit payment of \$850.00 to: TCEQ, Revenue Section (MC 214), P.O. Box 13088, Austin, Texas 78711-3088. Also, email a copy of the check or any proof of payment along with the response.

Response: The proof of payment is attached to this response. A copy of the check has also been emailed.

2. Section 8, item E5 page 7 of the administrative report: This item was left blank. However, the type of the bilingual language is required. Please submit a revised page 7.

Response: This section has been updated and is attached to this response.

3. Section 3, on page 3 and Section 14, signature page on page 11 of the administrative report 1.0: Section 3 and 14 shows that Mr. Shroff Nirav, manager, is the authorized signing person of this application. However, TCEQ rules require that the application be signed by at least the level of Vice President, (CEO, Chairman of the Board, Secretary). Please confirm Mr. Shroff Nirav meets the signatory requirements under 30 TAC 305.44 and authorized to sign the application. If not, please submit a notarized signature page signed by an authorized agent and also update section 3, item A on page 3 of the administrative report accordingly.

Response: It has been confirmed that Mr. Shroff Nirav possesses the needed signatory requirements.

4. Thank you for providing the Plain Language Summary (PLS) in English and Spanish. However, the PLS is not completed with Customer Number (CN) and Regulated Entity Number (RN, facility name number) numbers, since it is a new permit application. Please submit a revised PLS using CN and RN from the subject line of this NOD letter.

Response: The Plain Language Summary has been updated with the correct CN and RN numbers.

5. Section 1, item 1 & B, landowner information on page 12 of the administrative report 1.1: Thank you for providing the affected landowners map and the cross-referenced mailing list. However, we need a separate landowner map and mailing list, not on one page. we also need one mailing address which we can use to mail the notice information.

Response: The Landowners map has been updated to show only the map. The mailing list has been updated and attached.

6. Section 1, item C, landowner information on page 12 of the administrative report 1.1: We are unable to locate the mailing labels. Please email the affected landowners mailing labels in Avery 5160 label format (3 columns across, 10 columns down) in Microsoft Word format. To ensure we can use the media to print labels, they must be evenly spaced, so that each address prints on one label. Please remove if there is any additional information included with the list, no punctuation.

Response: The updated labels have been attached.

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

APPLICATION. NMCV Taylor Property Investors LLC, 2225 High Lonesome, Leander, has applied to the Texas Commission on Environmental Quality (TCEQ) for proposed Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0016554001 (EPA I.D. No. TX0146153) 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 at approximately 0.16 miles southwest of the intersection of Farm-to-Market Road 112 and Tucek Road, near the city of Taylor, in Williamson County, Texas 76574. The discharge route will be from the plant site to an unnamed tributary; thence to Mustang Creek (to be confirmed by RWA). TCEQ received this application on May 31, 2024. The permit application will be available for viewing and copying at City of Taylor Public Library, Public Viewing Board, 801 Vance Street, Taylor, TX 76574, Taylor, 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:

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Response: No errors were found in the notice above.

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.

Response: The translated Spanish NORI has been provided and attached to this response.

Should you have any questions or need any additional information, please do not hesitate to call.

Sincerely,

A handwritten signature in dark blue ink that reads 'Lauren Crone' in a cursive script.

Lauren Crone, P.E.

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

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

Transaction Information

Trace Number: 582EA000612328

Date: 05/31/2024 09:24 AM

Payment Method: CC - Authorization 0000031566

ePay Actor: LAUREN CRONE

Actor Email: lcrone@lja.com

IP: 170.55.94.226

TCEQ Amount: \$850.00

Texas.gov Price: \$869.38*

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

Payment Contact Information

Name: STEPHEN D MILLER

Company: LJA ENGINEERING INC

Address: 7500 RIALTO BOULEVARD BUILDING, AUSTIN, TX 78735

Phone: 512-439-4700

Cart Items

Click on the voucher number to see the voucher details.

| Voucher | Fee Description | AR Number | Amount |
|------------------------|--|-----------|----------|
| 707593 | WW PERMIT - FACILITY WITH FLOW >= .10 & < .25 MGD - NEW AND MAJOR AMENDMENTS | | \$800.00 |
| 707594 | 30 TAC 305.53B WQ NOTIFICATION FEE | | \$50.00 |
| TCEQ Amount: | | | \$850.00 |

ePay AgainExit ePay

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

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

☐ Yes ☒ No

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

☐ Yes ☒ No

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

F. Plain Language Summary Template

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

Attachment: Appendix A

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: Appendix C

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 Click to enter text.

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):

487 Acre Taylor Tract Wastewater Treatment Plant

C. Owner of treatment facility: NMCV Taylor Property Investors LLC

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

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

Prefix: Mr.

Last Name, First Name: Nirav, Shroff

Title: Manager

Credential: Click to enter text.

Organization Name: NMCV Taylor Property Investors LLC

Mailing Address: 2225 High Lonesome

City, State, Zip Code: Leander, TX 78641

Phone No.: 512-825-8837

E-mail Address: pkuo@hkreddevelopment.com

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

Attachment: Click to enter text.

Plain Language Summary - TPDES New Application

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

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AGUAS RESIDUALES DOMÉSTICAS

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 federal. representaciones ejecutables de la solicitud de permiso.

NMCV Taylor Property Investors LLC (CN#606270122) propone operar la planta de tratamiento de aguas residuales de 487 Acre Taylor Tract RN#111984464. una instalación de PTAR de 0.15 MGD. La instalación estará ubicada aproximadamente a 0,16 millas al noreste de la intersección de FM 112 y Tucek Road, en Taylor, condado de Williamson, Texas 76574.

Esto es para una nueva aplicación para descargar aguas residuales procesadas a un flujo diario promedio de 150,000 galones por día de forma intermitente y de flujo variable.

Se espera que las descargas de la instalación contengan demanda bioquímica de oxígeno carbonoso (CBOD₅) de cinco días, sólidos suspendidos totales (SST), nitrógeno amoniacal (NH₃-N) y Escherichia coli. Se incluyen contaminantes potenciales adicionales en el Informe Técnico Nacional 1.0, Sección 7. Las aguas residuales domésticas serán tratadas mediante un proceso de lodos activados de crecimiento suspendido en modo de aireación extendida y las unidades de tratamiento incluirán una criba de tornillo mecánico, un estanque de ecualización, tanques de aireación, un sistema de cloro. cámara de contacto.

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. NMCV Taylor Property Investors LLC, 2225 High Lonesome, Leander, tiene solicitó a la Comisión de Calidad Ambiental de Texas (TCEQ) la propuesta de Texas Permiso del Sistema de Eliminación de Descarga de Contaminantes (TPDES) No. WQ0016554001 (EPA I.D. No. TX0146153) para autorizar la descarga de aguas residuales tratadas en un volumen que no exceda el diario Flujo promedio de 150,000 galones por día. La instalación de tratamiento de aguas residuales domésticas será ubicado aproximadamente a 0.16 millas al noreste de la intersección de Farm-to-Market Road 112 y Tucek Road, cerca de la ciudad de Taylor, en el condado de Williamson, Texas 76574. La ruta de descarga será desde el sitio de la planta hasta un afluente sin nombre; de allí a Mustang Creek (para ser confirmado por RWA). La TCEQ recibió esta solicitud el 31 de mayo de 2024. La solicitud de permiso estará disponible para ver y copiar en la Biblioteca Pública de la Ciudad de Taylor, la Junta de Visualización Pública, 801 Vance Street, Taylor, TX 76574, Taylor, Texas antes de la fecha de publicación de este aviso en el periódico. La aplicación, incluidas las actualizaciones y los avisos asociados, están disponibles electrónicamente en la siguiente página web: <https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications>. Este El enlace a un mapa electrónico de la ubicación general del sitio o instalación se proporciona como acceso público. cortesía y no forma parte de la solicitud o notificación. Para conocer la ubicación exacta, consulte la solicitud. <https://gisweb.tceq.texas.gov/LocationMapper/?marker=-97.35881,30.565409&level=18>

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

AVISO ADICIONAL. El Director Ejecutivo de la TCEQ ha determinado que la solicitud es

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

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

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

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

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

retirados posteriormente. Si se concede una audiencia, el tema de la audiencia estará limitado a cuestiones de hecho en disputa o cuestiones mixtas de hecho y de derecho relacionadas a intereses pertinentes y materiales de calidad del agua que se hayan presentado durante el período de comentarios.

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

CONTACTOS E INFORMACIÓN 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 NMCV Taylor Property Investors LLC a la dirección indicada arriba o llamando a Senora Lauren Crone, P.E., Senior Project Manager al (512) 439-4700.

Fecha de emisión _____ *[Date notice issued]*

PREWITT FARM & ZIZINIA
WILLIAMSON COUNTY LTD
79 HWY/619 FM
THRALL, TX 76578

CARLSON, CONNIE R W
6701 FM 112
TAYLOR, TX 76574

S2F HOLDING LLC & SATHISH BABU
CHAKKA
4126 REMINGTON RD
CEDAR PARK, TX 78613

MORRIS, JAMES & LISA
3280 FM 112
TAYLOR, TX 76574

WILLIAMS, BOBBIE LEE
3300 FM 112
TAYLOR, TX 76574

OMAN, TROY L
3350 FM 112
TAYLOR, TX 76574

POKOJSKI, JOHN F
3400 FM 112
TAYLOR, TX 76574

SMITH, STEPHEN
3406 FM 112
TAYLOR, TX 76574

ZYCHA LONNIE D SR & CONNIE &
LONNIE D JR
3450 FM 112
TAYLOR, TX 76574

WERNER, CHARLES E
3550 FM 112
TAYLOR, TX 76574

DAUGHERTY, JAMES & HEIDI
3600 FM 112
TAYLOR, TX 76574

MILLER, JAMES FRANK & NETTIE
LYNN
3610 FM 112
TAYLOR, TX 76574

TATROW, ROBERT JAMES
3650 FM 112
TAYLOR, TX 76574

JIRASEK DONALD (LE)
50 CR 446
TAYLOR, TX 76574

BARNETT, ADELINA
71 CR 446
TAYLOR, TX 76574

ZIESCHANG, MORRIS & BARBARA
4701 FM 112
TAYLOR, TX 76574

T W FORD LP
PO BOX 128
TAYLOR TX 76574

BDB INDUSTRIES LLC
21545 Highway 79
THRALL, TX 76578

METZGER, KATHY & DON PETERS &
T HALL & J FUSILIER
21481 Highway 79
THRALL, TX 76578

MOUNT VERNON LLC
3701 E 4TH ST
TAYLOR, TX 76574

JOHNSON, NORMAN
3609 E 4TH ST
TAYLOR, TX 76574

CRABBOLL II LLC
20901 US 79
TAYLOR, TX 76574

STAR TECH SERVICE LLC
20875 US 79
TAYLOR, TX 76574

HARRINGTON, GLENNETH & MISA
220 TUCEK RD
TAYLOR, TX 76574

SHIPLEY, MICHAEL RICHARD
250 TUCEK RD
TAYLOR, TX 76574

TUCEK, MATTHEW AARON
300 TUCEK RD
TAYLOR, TX 76574

HARWELL, WILLIAM G & CYNTHIA D
330 TUCEK RD
TAYLOR, TX 7657

BAUER, GAYLORD E & CAROLYN S
450 TUCEK RD
TAYLOR, TX 76574

LOPEZ, PHILLIP S
480 TUCEK DR
TAYLOR, TX 76574

GANDER, CLYDE EARL & JUDITH
KAY
500 TUCEK DR
TAYLOR, TX 76574

ROCHA, ANNA MARIA RIOS
510 TUCEK DR
THRALL, TX 76578

YOUNG, DARYL L & LAURIE A
600 TUCEK RD
TAYLOR TX, 76574

LEEN HOLDING COMPANY HWY 79
LLCCHAKKA
PO BOX 1766
MARBLE FALLS, TX 78654

ALBRECHT, MARK
29 SUNRISE ROAD
CODY, WY 82414

MALISH, JUDITH M
631 CR 445
TAYLOR, TX 76574

CHAPMAN OLIN P JR & AMY
3609 E 4TH ST
TAYLOR TX 76574

AYALA LUIS & MARGARET
3280 FM 112
TAYLOR TX 76574

SECTION III: Regulated Entity Information

| | | | | | | | | |
|---|--|-------------------|--|-------|--|-----|--|---------|
| 21. General Regulated Entity Information (If 'New Regulated Entity' is selected, a new permit application is also required.) | | | | | | | | |
| <input checked="" type="checkbox"/> New Regulated Entity <input type="checkbox"/> Update to Regulated Entity Name <input type="checkbox"/> Update to Regulated Entity Information | | | | | | | | |
| <i>The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).</i> | | | | | | | | |
| 22. Regulated Entity Name (Enter name of the site where the regulated action is taking place.) | | | | | | | | |
| 487 Acre Taylor Tract Wastewater Treatment Plant | | | | | | | | |
| 23. Street Address of the Regulated Entity: (No PO Boxes) | | | | | | | | |
| | | | | | | | | |
| | | City | | State | | ZIP | | ZIP + 4 |
| 24. County | | Williamson County | | | | | | |

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

| | | | | | | | | |
|--|---------|--|------------------------------|--|--------------|--|-------------------------|-----------|
| 25. Description to Physical Location: | | The location is approximately 0.16 miles Northeast of the intersection of FM 112 and Tucek Road in Williamson County, Texas. | | | | | | |
| 26. Nearest City | | | | | State | | Nearest ZIP Code | |
| Taylor | | | | | TX | | 76574 | |
| <i>Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).</i> | | | | | | | | |
| 27. Latitude (N) In Decimal: | | | 30.567548 | | | 28. Longitude (W) In Decimal: | | -97.35463 |
| Degrees | Minutes | Seconds | Degrees | Minutes | Seconds | | | |
| 30 | 34 | 3.1728 | -97 | 21 | 16.668 | | | |
| 29. Primary SIC Code (4 digits) | | 30. Secondary SIC Code (4 digits) | | 31. Primary NAICS Code (5 or 6 digits) | | 32. Secondary NAICS Code (5 or 6 digits) | | |
| 4952 | | | | 22132 | | | | |
| 33. What is the Primary Business of this entity? (Do not repeat the SIC or NAICS description.) | | | | | | | | |
| Wastewater Treatment | | | | | | | | |
| 34. Mailing Address: | | 2225 High Lonesome | | | | | | |
| | | | | | | | | |
| | | City | Leander | State | TX | ZIP | 78641 | ZIP + 4 |
| 35. E-Mail Address: | | | | | | | | |
| 36. Telephone Number | | | 37. Extension or Code | | | 38. Fax Number (if applicable) | | |
| () - | | | | | | () - | | |

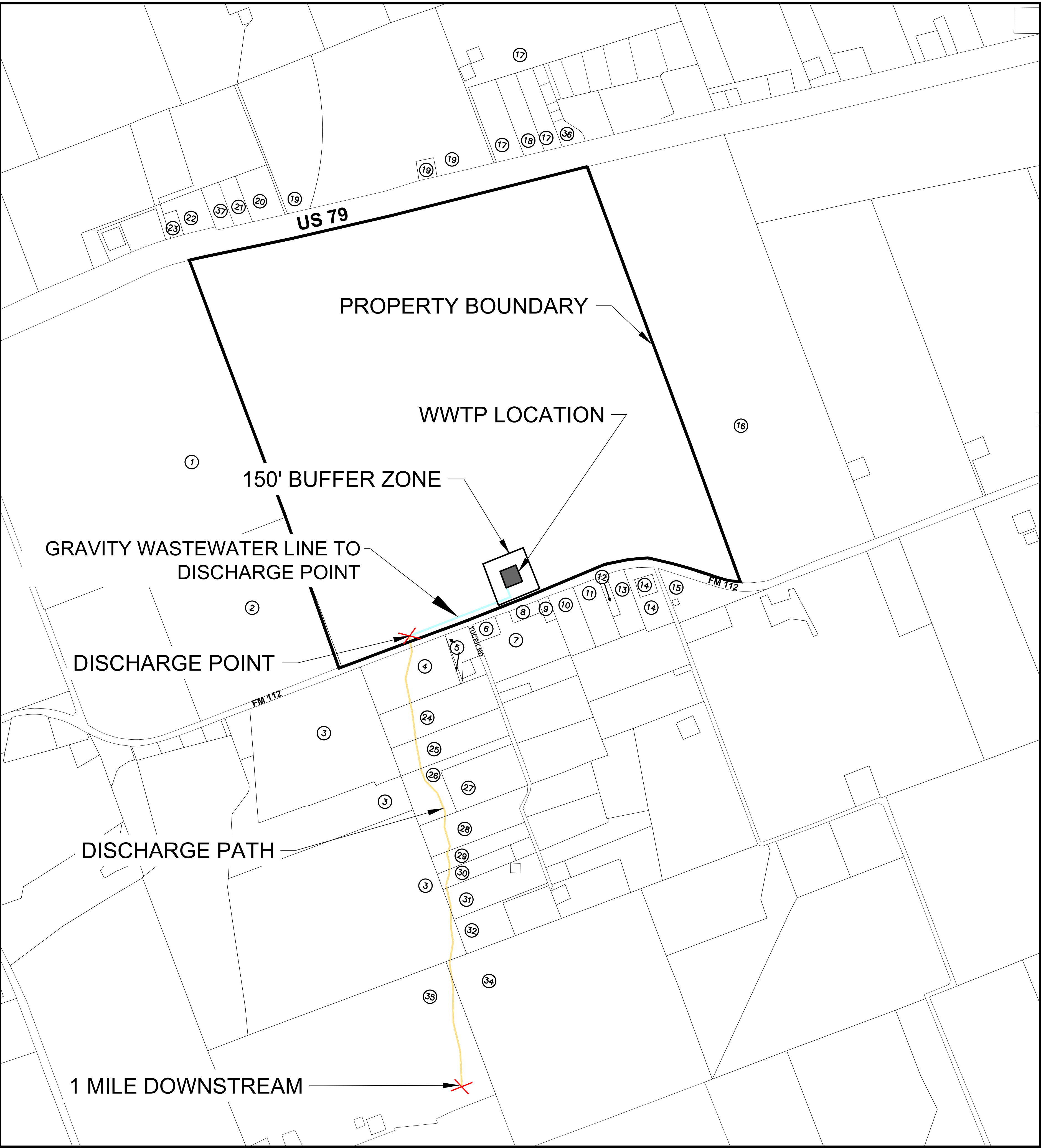
39. TCEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this form. See the Core Data Form instructions for additional guidance.



LEGEND



MAP NUMBER ①



ADJACENT PROPERTY
OWNERS MAP

487 ACRE TAYLOR TRACT
NMCV TAYLOR PROPERTY INVESTORS, LLC
TAYLOR, TX

LJA Engineering, Inc.
7500 Rialto Boulevard
Building II, Suite 100
Austin, Texas 78735
Phone 512.439.4700
Fax 512.439.4716
FRN - F-1386

| Map Number | Landowner Name | Property Address | Mailing Address |
|------------|---|------------------------------------|---|
| 1 | PREWITT FARM & ZIZINIA WILLIAMSON COUNTY LTD | 79 HWY/619 FM THRALL, TX 76578 | 5105 ASPEN ST, BELLAIRE, TX 77401 |
| 2 | CARLSON, CONNIE R W | 6701 FM 112, TAYLOR, TX 76574 | 2760 COUNTY ROAD 421, TAYLOR, TX 76574 |
| 3 | S2F HOLDING LLC & SATHISH BABU CHAKKA | FM 112, THRALL, TX 76578 | 4126 REMINGTON RD, CEDAR PARK, TX 78613 |
| 4 | AYALA, LUIS & MARGARET | 3280 FM 112, TAYLOR, TX 76574 | 3280 FM 112, TAYLOR, TX 76574 |
| 5 | WILLIAMS, BOBBIE LEE | FM 112, TAYLOR, TX 76574 | 3300 FM 112, TAYLOR, TX 76574 |
| 6 | OMAN, TROY L | 3350 FM 112, TAYLOR, TX 76574 | 3301 FM 112, TAYLOR, TX 76574 |
| 7 | POKOJSKI, JOHN F | 3400 FM 112, TAYLOR, TX 76574 | 3400 FM 112, TAYLOR, TX 76574 |
| 8 | SMITH, STEPHEN | 3406 FM 112, TAYLOR, TX 76574 | 3406 FM 112, TAYLOR, TX 76574 |
| 9 | ZYCHA LONNIE D SR & CONNIE & LONNIE D JR | 3450 FM 112, TAYLOR, TX 76574 | 3450 FM 112, TAYLOR TX 76574 |
| 10 | WERNER, CHARLES E | 3550 FM 112, TAYLOR, TX 76574 | 3550 FM 112, TAYLOR TX 76574 |
| 11 | DAUGHERTY, JAMES & HEIDI | 3600 FM 112, TAYLOR, TX 76574 | 3600 FM 112, TAYLOR TX 76574 |
| 12 | MILLER, JAMES FRANK & NETTIE LYNN | 3610 FM 112, TAYLOR, TX 76574 | 3610 FM 112, TAYLOR, TX 76574 |
| 13 | TATROW, ROBERT JAMES | 3650 FM 112, TAYLOR, TX 76574 | 3650 FM 112, TAYLOR TX 76574 |
| 14 | JIRASEK DONALD (LE) | 50 CR 446, TAYLOR, TX 76574 | 50 CR 446, TAYLOR TX 76574 |
| 15 | BARNETT, ADELINA | 71 CR 446, TAYLOR, TX 76574 | 71 COUNTY ROAD 446 TAYLOR TX 76574 |
| 16 | ZIESCHANG, MORRIS & BARBARA | 4701 FM 112, TAYLOR, TX 76574 | 4701 FM 112 TAYLOR TX 76574 |
| 17 | T W FORD LP | Highway 79, TAYLOR, TX 76574 | PO BOX 128 TAYLOR TX 76574 |
| 18 | BDB INDUSTRIES LLC | 21545 Highway 79, THRALL, TX 76578 | 21545 US HWY 79 TAYLOR TX 76574 |
| 19 | METZGER, KATHY & DON PETERS & T HALL & J FUSILIER | 21481 Highway 79, THRALL, TX 76578 | 4304 MIRAMAR DR GEORGETOWN TX 78628 |
| 20 | MOUNT VERNON LLC | 3701 E 4TH ST, TAYLOR, TX 76574 | 1900 IH 10 WEST SEQUIN TX 78155 |
| 21 | JOHNSON, NORMAN | 3609 E 4TH ST, TAYLOR, TX 76574 | 3609 E 4TH ST, TAYLOR, TX 76574 |
| 22 | CRABBOLL II LLC | 20901 US 79, TAYLOR, TX 76574 | 3509 E 4TH ST TAYLOR TX 76574 |
| 23 | STAR TECH SERVICE LLC | 20875 US 79, TAYLOR, TX 76574 | PO BOX 112 TAYLOR TX 76574 |
| 24 | HARRINGTON, GLENNETH & MISA | 220 TUCEK RD, TAYLOR, TX 76574 | 220 TUCEK RD, TAYLOR, TX 76574 |
| 25 | SHIPLEY, MICHAEL RICHARD | 250 TUCEK RD, TAYLOR, TX 76574 | 250 TUCEK RD, TAYLOR, TX 76574 |
| 26 | TUCEK, MATTHEW AARON | 300 TUCEK RD, TAYLOR, TX 76574 | 300 TUCEK RD, TAYLOR, TX 76574 |
| 27 | HARWELL, WILLIAM G & CYNTHIA D | 330 TUCEK RD, TAYLOR, TX 76574 | 330 TUCEK RD, TAYLOR, TX 76574 |
| 28 | BAUER, GAYLORD E & CAROLYN S | 450 TUCEK RD, TAYLOR, TX 76574 | 450 TUCEK RD, TAYLOR, TX 76574 |
| 29 | LOPEZ, PHILLIP S | 480 TUCEK DR, TAYLOR, TX 76574 | 480 TUCEK DR, TAYLOR, TX 76574 |
| 30 | GANDER, CLYDE EARL & JUDITH KAY | 500 TUCEK DR, TAYLOR, TX 76574 | 209 E 8TH ST, LOS FRESNOS TX, 78566 |
| 31 | ROCHA, ANNA MARIA RIOS | 510 TUCEK DR, THRALL, TX 76578 | 510 TUCEK DR, THRALL, TX 76578 |
| 32 | YOUNG, DARYL L & LAURIE A | 600 TUCEK RD, TAYLOR TX, 76574 | 600 TUCEK RD, TAYLOR TX, 76574 |
| 34 | ALBRECHT, MARK | CR 446, THRALL, TX 76578 | 29 SUNRISE ROAD, CODY, WY 82414 |
| 35 | MALISH, JUDITH M | 631 CR 445, TAYLOR, TX 76574 | 631 CR 445, TAYLOR, TX 76574 |
| 36 | LEEN HOLDING COMPANY HWY 79 LLC | US 79, TAYLOR, TX 76574 | PO BOX 1766 MARBLE FALLS, TX 78654 |
| 37 | CHAPMAN, OLIN P JR & AMY | 3601 E 4TH ST, TAYLOR, TX 76574 | 3609 E 4TH ST, TAYLOR, TX 76574 |

**TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
DOMESTIC WASTEWATER PERMIT APPLICATION
FOR A
TEXAS POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT

FOR

487 ACRE TAYLOR TRACT WASTEWATER TREATMENT PLANT**

MAY 2024

**PREPARED FOR

NMCV TAYLOR PROPERTY INVESTORS, LLC
2225 High Lonesome
Leander, TX 78641-3296**

**PREPARED BY

LJA Engineering, Inc.
7500 RIALTO BLVD
BUILDING II, SUITE 100
Austin, Texas 78735
(512) 439-4700**



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EXHIBIT 1

ADMINISTRATIVE REPORTS 1.0 AND 1.1



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST

Complete and submit this checklist with the application.

APPLICANT NAME: NMCV Taylor Property Investors LLC

PERMIT NUMBER (If new, leave blank): WQ00 [Click to enter text.](#)

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

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

For TCEQ Use Only

Segment Number _____ County _____
Expiration Date _____ Region _____
Permit Number _____



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

**DOMESTIC WASTEWATER PERMIT APPLICATION
ADMINISTRATIVE REPORT 1.0**

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

Section 1. Application Fees (Instructions Page 26)

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

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

Minor Amendment (for any flow) \$150.00 ☐

Payment Information:

Mailed Check/Money Order Number: [Click to enter text.](#)
Check/Money Order Amount: \$850.00
Name Printed on Check: TCEQ
EPAY Voucher Number: [Click to enter text.](#)
Copy of Payment Voucher enclosed? Yes ☐

Section 2. Type of Application (Instructions Page 26)

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

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

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

- ☐ Active ☒ Inactive

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

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

d. Check the box next to the appropriate application type

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

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

f. For existing permits:

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

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

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

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

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

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

NMCV Taylor Property Investors LLC

(The legal name must be spelled exactly as filed with the Texas Secretary of State, County, or in the legal documents forming the entity.)

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

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

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

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

Prefix: Mr.

Last Name, First Name: Nirav, Shroff

Title: Manager

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

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

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

[Click to enter text.](#)

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

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

CN: Click to enter text.

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

Prefix: Click to enter text.

Last Name, First Name: Click to enter text.

Title: Click to enter text.

Credential: Click to enter text.

Provide a brief description of the need for a co-permittee: Click to enter text.

C. Core Data Form

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

Section 4. Application Contact Information (Instructions Page 27)

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

- A. Prefix: Ms. Last Name, First Name: Crone, Lauren
Title: Senior Project Manager Credential: P.E
Organization Name: LJA Engineering
Mailing Address: 7500 Rialto Blvd., Building II, Suite 100 City, State, Zip Code: Austin, Texas, 78735
Phone No.: 512-439-4700 E-mail Address: lcrone@lja.com
Check one or both: ☒ Administrative Contact ☒ Technical Contact
- B. Prefix: Mr. Last Name, First Name: Ryan, Dan
Title: Vice President Credential: P.E
Organization Name: LJA Engineering
Mailing Address: 7500 Rialto Blvd., Building II, Suite 100 City, State, Zip Code: Austin, Texas, 78735
Phone No.: 512-439-4702 E-mail Address: dryan@lja.com
Check one or both: ☐ Administrative Contact ☒ Technical Contact

Section 5. Permit Contact Information (Instructions Page 27)

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

- A. Prefix: Ms. Last Name, First Name: Crone, Lauren
Title: Senior Project Manager Credential: P.E
Organization Name: LJA Engineering Inc.

Mailing Address: 7500 Rialto Boulevard, Building II, Suite 100
TX 78735

City, State, Zip Code: Austin,

Phone No.: 512-439-4737

E-mail Address: lcrone@lja.com

B. Prefix: Mr.

Last Name, First Name: Nirav, Shroff

Title: Manager

Credential: Click to enter text.

Organization Name: NMCV Taylor Property Investors LLC

Mailing Address: 24607 Fairway Springs

City, State, Zip Code: San Antonio, Texas 78260

Phone No.: 512-825-8837

E-mail Address: pkuo@hkdevelopment.com

Section 6. Billing Contact Information (Instructions Page 27)

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

Prefix: Mr.

Last Name, First Name: Nirav, Shroff

Title: Manager

Credential: Click to enter text.

Organization Name: NMCV Taylor Property Investors LLC

Mailing Address: 24607 Fairway Springs

City, State, Zip Code: San Antonio, Texas 78260

Phone No.: 512-825-8837

E-mail Address: pkuo@hkdevelopment.com

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

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

Prefix: Mr.

Last Name, First Name: Nirav, Shroff

Title: Manager

Credential: Click to enter text.

Organization Name: NMCV Taylor Property Investors LLC

Mailing Address: 24607 Fairway Springs

City, State, Zip Code: San Antonio, Texas 78260

Phone No.: 512-825-8837

E-mail Address: pkuo@hkdevelopment.com

Section 8. Public Notice Information (Instructions Page 27)

A. Individual Publishing the Notices

Prefix: Ms.

Last Name, First Name: Crone, Lauren

Title: Senior Project Manager

Credential: P.E

Organization Name: LJA Engineering

Mailing Address: 7500 Rialto Blvd., Building II, Suite 100
78735

City, State, Zip Code: Austin, Texas

Phone No.: 512-439-4700

E-mail Address: lcrone@lja.com

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

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

☒ E-mail Address

☐ Fax

☐ Regular Mail

C. Contact permit to be listed in the Notices

Prefix: Ms.

Last Name, First Name: Crone, Lauren

Title: Senior Project Manager

Credential: P.E

Organization Name: LJA Engineering

Mailing Address: 7500 Rialto Blvd., Building II, Suite 100 City, State, Zip Code: Austin Texas 78735

Phone No.: 512-439-4700

E-mail Address: lcrone@lja.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: City of Taylor Public Library

Location within the building: Public Viewing Board

Physical Address of Building: 801 Vance Street, Taylor, TX 76574

City: Taylor

County: Williamson

Contact (Last Name, First Name): Ellis, Karen

Phone No.: 512-269-6257 Ext.: Click to enter text.

E. Bilingual Notice Requirements

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

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

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

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

☒ Yes

☐ No

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

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

☒ Yes

☐ No

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

☐ Yes ☒ No

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

☐ Yes ☒ No

5. If the answer is **yes** to **question 1, 2, 3, or 4**, public notices in an alternative language are required. Which language is required by the bilingual program? [Click to enter text.](#)

F. Plain Language Summary Template

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

Attachment: [Appendix A](#)

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: [Appendix C](#)

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 [Click to enter text.](#)

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):

487 Acre Taylor Tract Wastewater Treatment Plant

C. Owner of treatment facility: NMCV Taylor Property Investors LLC

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

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

Prefix: Mr.

Last Name, First Name: Nirav, Shroff

Title: Manager

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

Organization Name: NMCV Taylor Property Investors LLC

Mailing Address: 24607 Fairway Springs

City, State, Zip Code: San Antonio, Texas 78260

Phone No.: 512-825-8837

E-mail Address: pkuo@hkreddevelopment.com

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

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

E. Owner of effluent disposal site:

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

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

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

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

Organization Name: [Click to enter text.](#)

Mailing Address: [Click to enter text.](#)

City, State, Zip Code: [Click to enter text.](#)

Phone No.: [Click to enter text.](#)

E-mail Address: [Click to enter text.](#)

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

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

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

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

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

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

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

Organization Name: [Click to enter text.](#)

Mailing Address: [Click to enter text.](#)

City, State, Zip Code: [Click to enter text.](#)

Phone No.: [Click to enter text.](#)

E-mail Address: [Click to enter text.](#)

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

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

Section 10. TPDES Discharge Information (Instructions Page 31)

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

☐ Yes ☐ No

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

New Permit: The proposed WWTP is located approximately 0.16 miles Northeast of the intersection of FM 112 and Tucek Road in Williamson County, Texas 76574.

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:

New Permit: From the proposed treatment plant, effluent will be discharges using a gravity wastewater line that is roughly 1400 linear feet to its discharge point in an unnamed Tributary on the applicant's property. The effluent will then travel approximately 3.0 miles to Mustang Creek (Segment 1244C).

City nearest the outfall(s): Taylor

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

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

☐ Yes ☒ No

If **yes**, indicate by a check mark if:

☐ Authorization granted ☐ Authorization pending

For **new and amendment** applications, provide copies of letters that show proof of contact and the approval letter upon receipt.

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

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

Section 11. TLAP Disposal Information (Instructions Page 32)

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

☐ Yes ☐ No

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

[Click to enter text.](#)

- B. City nearest the disposal site: [Click to enter text.](#)

- C. County in which the disposal site is located: [Click to enter text.](#)

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

[Click to enter text.](#)

- E. For **TLAPs**, please identify the nearest watercourse to the disposal site to which rainfall runoff might flow if not contained: [Click to enter text.](#)

Section 12. Miscellaneous Information (Instructions Page 32)

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

☐ Yes ☒ No

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

☐ Yes ☐ No ☒ Not Applicable

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

[Click to enter text.](#)

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

☐ Yes ☒ No

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

D. Do you owe any fees to the TCEQ?

☐ Yes ☒ No

If yes, provide the following information:

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

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

E. Do you owe any penalties to the TCEQ?

☐ Yes ☒ No

If yes, please provide the following information:

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

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

Section 13. Attachments (Instructions Page 33)

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

- ☐ Lease agreement or deed recorded easement, if the land where the treatment facility is located or the effluent disposal site are not owned by the applicant or co-applicant.
- ☒ Original full-size USGS Topographic Map with the following information:
- Applicant's property boundary
 - Treatment facility boundary
 - Labeled point of discharge for each discharge point (TPDES only)
 - Highlighted discharge route for each discharge point (TPDES only)
 - Onsite sewage sludge disposal site (if applicable)
 - Effluent disposal site boundaries (TLAP only)
 - New and future construction (if applicable)
 - 1 mile radius information
 - 3 miles downstream information (TPDES only)
 - All ponds.
- ☐ Attachment 1 for Individuals as co-applicants
- ☒ Other Attachments. Please specify: Appendix A- Plain Language Summary Appendix B - Core Data Form; Appendix C - Public Involvement Plan Form; Appendix D - USGS Maps; Appendix E - Affected Landowners Map; Appendix F - Original Photographs; Appendix G - Buffer Zone Map; Appendix H - SPIF Maps; Appendix I - Process Flow Diagram; Appendix J - Site Drawing; Appendix K - Design Calculations; Appendix L - FEMA Flood Maps; Appendix M - Wind Roses; Appendix N - Sewage Solids Management Plan, Appendix O - Nearby WWTP Map, Appendix P - regionalization and Cost Analysis, Appendix Q - Transect Location Map

Section 14. Signature Page (Instructions Page 34)

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

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

Applicant: NMCV Taylor Property Investors LLC

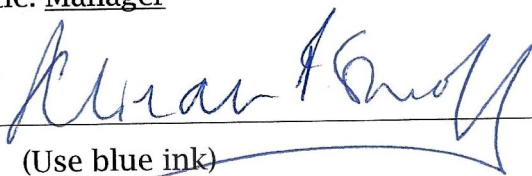
Certification:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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

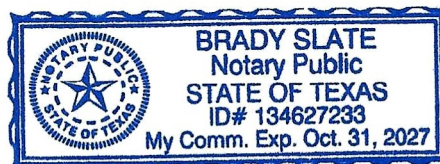
Signatory name (typed or printed): Nirav Shroff

Signatory title: Manager

Signature:  Date: 04/18/24
(Use blue ink)

Subscribed and Sworn to before me by the said Nirav Shroff
on this 18th day of April, 20 24.
My commission expires on the 31st day of October, 20 27.


Notary Public



[SEAL]

Williamson
County, Texas

DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

The following information is required for new and amendment applications.

Section 1. Affected Landowner Information (Instructions Page 36)

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

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

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

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

- ☐ USB Drive ☒ Four sets of labels

D. Provide the source of the landowners' names and mailing addresses: Williamson County Central Appraisal District

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

- ☐ Yes ☒ No

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

Click to enter text.

Section 2. Original Photographs (Instructions Page 38)

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

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

Section 3. Buffer Zone Map (Instructions Page 38)

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

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

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

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

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

- ☒ Yes ☐ No

DOMESTIC WASTEWATER PERMIT APPLICATION

SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

This form applies to TPDES permit applications only. Complete and attach the Supplemental Permit information Form (SPIF) (TCEQ Form 20971).

Attachment: Appendix H

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST OF COMMON DEFICIENCIES

Below is a list of common deficiencies found during the administrative review of domestic wastewater permit applications. To ensure the timely processing of this application, please review the items below and indicate by checking Yes that each item is complete and in accordance applicable rules at 30 TAC Chapters 21, 281, and 305. If an item is not required this application, indicate by checking N/A where appropriate. Please do not submit the application until the items below have been addressed.

Core Data Form (TCEQ Form No. 10400) ☒ Yes
(Required for all application types. Must be completed in its entirety and signed.
Note: Form may be signed by applicant representative.)

Correct and Current Industrial Wastewater Permit Application Forms ☒ Yes
(TCEQ Form Nos. 10053 and 10054. Version dated 6/25/2018 or later.)

Water Quality Permit Payment Submittal Form (Page 19) ☒ Yes
(Original payment sent to TCEQ Revenue Section. See instructions for mailing address.)

7.5 Minute USGS Quadrangle Topographic Map Attached ☒ Yes
(Full-size map if seeking "New" permit.
8 ½ x 11 acceptable for Renewals and Amendments)

Current/Non-Expired, Executed Lease Agreement or Easement ☒ N/A ☐ Yes

Landowners Map ☐ N/A ☒ Yes
(See instructions for landowner requirements)

Things to Know:

- All the items shown on the map must be labeled.
- The applicant's complete property boundaries must be delineated which includes boundaries of contiguous property owned by the applicant.
- The applicant cannot be its own adjacent landowner. You must identify the landowners immediately adjacent to their property, regardless of how far they are from the actual facility.
- If the applicant's property is adjacent to a road, creek, or stream, the landowners on the opposite side must be identified. Although the properties are not adjacent to applicant's property boundary, they are considered potentially affected landowners. If the adjacent road is a divided highway as identified on the USGS topographic map, the applicant does not have to identify the landowners on the opposite side of the highway.

Landowners Cross Reference List ☐ N/A ☒ Yes
(See instructions for landowner requirements)

Landowners Labels or USB Drive attached ☐ N/A ☒ Yes
(See instructions for landowner requirements)

Original signature per 30 TAC § 305.44 - Blue Ink Preferred ☒ Yes
(If signature page is not signed by an elected official or principle executive officer, a copy of signature authority/delegation letter must be attached)

Plain Language Summary ☒ Yes

EXHIBIT 2

DOMESTIC TECHNICAL REPORTS 1.0 AND 1.1

DOMESTIC TECHNICAL REPORT WORKSHEET 2.0



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.0

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

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

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

A. Existing/Interim I Phase

Design Flow (MGD): 0.05

2-Hr Peak Flow (MGD): 0.2

Estimated construction start date: 6/1/2026

Estimated waste disposal start date: 6/1/2027

B. Interim II Phase

Design Flow (MGD): 0.10

2-Hr Peak Flow (MGD): 0.40

Estimated construction start date: 6/1/2028

Estimated waste disposal start date: 6/1/2029

C. Final Phase

Design Flow (MGD): 0.15

2-Hr Peak Flow (MGD): 0.60

Estimated construction start date: 6/1/2030

Estimated waste disposal start date: 6/1/2031

D. Current Operating Phase

Provide the startup date of the facility: N/A – New Facility

Section 2. Treatment Process (Instructions Page 43)

A. Current Operating Phase

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

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

The facility is to be constructed in three phases with a total design flow of 150,000 gpd. Phases I, II, and III will treat 50,000 gpd each. Each phase will operate as a suspended-growth activated sludge process in extended aeration mode. The treatment units include a bar screen, aeration basin, clarifier, chlorine contact basin and an aerobic digester. Wastewater will be pumped into plant where it will enter the aeration basin through a bar screen. The influent will then pass through the aeration zone and flow into a clarifier. From there, the effluent will flow to a chlorine contact basin for disinfection. This facility will also use a digester for sludge holding, prior to haul off.

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) |
|--------------------------|-----------------|---|
| Clarifier | 3 (1 per phase) | Phase 1: 16' DIA x 12' D Phase 2: 16' DIA x 12' D Phase 3: 16' DIA x 12' D |
| Aeration Basin | 3 (1 per phase) | Phase 1: 58'L x 40'W x 12'D Phase 2: 58'L x 40'W x 12'D Phase 3: 58'L x 40'W x 12'D |
| Aerobic Digester | 3 (1 per phase) | Phase 1: 34'L x 20'W x 12'D Phase 2: 34'L x 20'W x 12'D Phase 3: 34'L x 20'W x 12'D |
| Chlorine Contact Chamber | 3 (1 per phase) | Phase 1: 8'L x 5'W x 12'D Phase 2: 8'L x 5'W x 12'D Phase 3: 8'L x 5'W x 12'D |
| | | |
| | | |

C. Process Flow Diagram

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

Attachment: Appendix I

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

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

- Latitude: 30.565409
- Longitude: -97.358819

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

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

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

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

Attachment:

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

487 Acre Taylor Tract: A commercial tract consisting of approximately 612 equivalent connections on approximately 487 acres being developed in Williamson County

Collection System Information **for wastewater TPDES permits only:** Provide information for each **uniquely owned** collection system, existing and new, served by this facility, including satellite collection systems. **Please see the instructions for a detailed explanation and examples.**

Collection System Information

| Collection System Name | Owner Name | Owner Type | Population Served |
|-----------------------------------|------------------------------------|-----------------|----------------------------|
| <u>487 Acre Taylor Tract WWTP</u> | NMCV Taylor Property Investors LLC | Privately Owned | 612 Equivalent Connections |
| | | Choose an item. | |
| | | Choose an item. | |
| | | Choose an item. | |

Section 4. Unbuilt Phases (Instructions Page 45)

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

☐ Yes ☒ No

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

☐ Yes ☒ No

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

Click to enter text.

Section 5. Closure Plans (Instructions Page 45)

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

☐ Yes ☒ No

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

☐ Yes ☒ No

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

Click to enter text.

Section 6. Permit Specific Requirements (Instructions Page 45)

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

A. Summary transmittal

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

☐ Yes ☒ No

If yes, provide the date(s) of approval for each phase: N/A

Provide information, including dates, on any actions taken to meet a *requirement or provision* pertaining to the submission of a summary transmittal letter. **Provide a copy of an approval letter from the TCEQ, if applicable.**

Click to enter text.

B. Buffer zones

Have the buffer zone requirements been met?

☒ Yes ☐ No

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

A 150' buffer zone will surround the treatment plant.

C. Other actions required by the current permit

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

☐ Yes ☒ No

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

Click to enter text.

D. Grit and grease treatment

1. Acceptance of grit and grease waste

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

☐ Yes ☒ No

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

2. Grit and grease processing

Describe below how the grit and grease waste is treated at the facility. In your description, include how and where the grit and grease is introduced to the treatment

works and how it is separated or processed. Provide a flow diagram showing how grit and grease is processed at the facility.

Click to enter text.

3. *Grit disposal*

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

☐ Yes ☐ No

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

Describe the method of grit disposal.

Click to enter text.

4. *Grease and decanted liquid disposal*

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

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

Click to enter text.

E. Stormwater management

1. *Applicability*

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

☐ Yes ☒ No

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

☐ Yes ☒ No

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

2. MSGP coverage

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

☐ Yes ☐ No

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

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

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

☐ Yes ☐ No

3. Conditional exclusion

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

☐ Yes ☐ No

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

[Click to enter text.](#)

4. Existing coverage in individual permit

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

☐ Yes ☐ No

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

[Click to enter text.](#)

5. Zero stormwater discharge

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

☐ Yes ☐ No

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

[Click to enter text.](#)

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

6. Request for coverage in individual permit

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

☐ Yes ☐ No

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

[Click to enter text.](#)

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

F. Discharges to the Lake Houston Watershed

Does the facility discharge in the Lake Houston watershed?

☐ Yes ☒ No

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

[Click to enter text.](#)

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

1. Acceptance of sludge from other WWTPs

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

☐ Yes ☒ No

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

In addition, provide the date the plant started or is anticipated to start accepting sludge, an estimate of monthly sludge acceptance (gallons or millions of gallons), an estimate of the 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.

Click to enter text.

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

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

Is the facility accepting or will it accept septic waste?

☐ Yes ☒ No

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

☐ Yes ☐ No

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

☐ Yes ☐ No

If yes to any of the above, provide the date the plant started or is anticipated to start accepting septic waste, an estimate of monthly septic waste acceptance (gallons or millions of gallons), an estimate of the 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.

Click to enter text.

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

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

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

☐ Yes ☒ No

If yes, provide the date that the plant started accepting the waste, an estimate how much waste is accepted on a monthly basis (gallons or millions of gallons), a description of the entities generating the waste, and any distinguishing chemical or

other physical characteristic of the waste. Also note if this information has or has not changed since the last permit action.

Click to enter text.

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

Is the facility in operation?

☐ Yes ☒ No

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

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

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

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

| Pollutant | Average Conc. | Max Conc. | No. of Samples | Sample Type | Sample Date/Time |
|---|---------------|-----------|----------------|-------------|------------------|
| CBOD 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

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

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

Section 8. Facility Operator (Instructions Page 50)

Facility Operator Name: Crossroads Utility Services

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

Facility Operator's License Number: OC0000182

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

A. WWTP's Biosolids Management Facility Type

Check all that apply. See instructions for guidance

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

B. WWTP's Biosolids Treatment Process

Check all that apply. See instructions for guidance.

- ☒ Aerobic Digestion
- ☐ Air Drying (or sludge drying beds)
- ☐ Lower Temperature Composting
- ☐ Lime Stabilization
- ☐ Higher Temperature Composting

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

C. Biosolids Management

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

Biosolids Management

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

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

D. Disposal site

Disposal site name: [Click to enter text.](#)

TCEQ permit or registration number: [Click to enter text.](#)

County where disposal site is located: [Click to enter text.](#)

E. Transportation method

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

Name of the hauler: [Captex](#)

Hauler registration number: 20745

Sludge is transported as a:

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

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

A. Beneficial use authorization

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

☐ Yes ☐ No

B. Sludge processing authorization

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

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

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

☐ Yes ☐ No

Section 11. Sewage Sludge Lagoons (Instructions Page 53)

Does this facility include sewage sludge lagoons?

☐ Yes ☒ No

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

A. Location information

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

- Original General Highway (County) Map:

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

- USDA Natural Resources Conservation Service Soil Map:

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

- Federal Emergency Management Map:

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

- Site map:

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

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

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

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

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

[Click to enter text.](#)

B. Temporary storage information

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Provide the following information:

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

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

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

C. Liner information

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

☐ Yes ☐ No

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

[Click to enter text.](#)

D. Site development plan

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

[Click to enter text.](#)

Attach the following documents to the application.

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

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

- Copy of the closure plan

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

- Copy of deed recordation for the site

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

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

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

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

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

- Procedures to prevent the occurrence of nuisance conditions

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

E. Groundwater monitoring

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

☐ Yes ☐ No

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

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

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

A. Additional authorizations

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

☐ Yes ☒ No

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

[Click to enter text.](#)

B. Permittee enforcement status

Is the permittee currently under enforcement for this facility?

☐ Yes ☒ No

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

☐ Yes ☒ No

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

Click to enter text.

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

A. RCRA hazardous wastes

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

☐ Yes ☒ No

B. Remediation activity wastewater

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

☐ Yes ☒ No

C. Details about wastes received

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

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

Section 14. Laboratory Accreditation (Instructions Page 56)

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

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

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

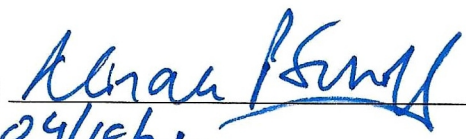
The following certification statement shall be signed and submitted with every application. See the Signature Page section in the Instructions, for a list of designated representatives who may sign the certification.

CERTIFICATION:

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

Printed Name: Nirav Shroff

Title: Manager

Signature: 

Date: 09/18/24

DOMESTIC WASTEWATER PERMIT APPLICATION

TECHNICAL REPORT 1.1

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

Section 1. Justification for Permit (Instructions Page 57)

A. Justification of permit need

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

The wastewater treatment plant will serve the proposed residential development. Based on easement and right-of-way limitations, no route exists from this site to an organized wastewater treatment facility. The use of a central collection treatment and disposal system is being preferred to an equivalent number of private residential septic tank/drain field units. Design flows are based on Living Unit Equivalents (LUEs) or connections associated with the service area. A basis of 245 gallons of wastewater per day per connection (maximum 30-day wet weather average) was assumed for flow projections. The ultimate flow is based on the total number of equivalent connections (612 proposed). The total flow needed at full build would be 612 connections x 245 gal/day/connection = 150,000 gal/day assumed.

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: [Click to enter text.](#)

If yes, attach correspondence from the city.

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

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

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

2. Utility CCN areas

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

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

☐ Yes ☐ No

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

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

3. *Nearby WWTs or collection systems*

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

☒ Yes ☐ No

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

Attachment: [Appendix O](#)

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: [Appendix O](#)

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: [Appendix P](#)

Section 2. Proposed Organic Loading (Instructions Page 59)

Is this facility in operation?

☐ Yes ☒ No

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

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

A. Current organic loading

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

Average Influent Organic Strength or BOD₅ Concentration in mg/l: [Click to enter text.](#)

Average Influent Loading (lbs/day = total average flow X average BOD₅ conc. X 8.34): [Click to enter text.](#)

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

[Click to enter text.](#)

B. Proposed organic loading

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

Table 1.1(1) – Design Organic Loading

| Source | Total Average Flow (MGD) | Influent BOD5 Concentration (mg/l) |
|---|--------------------------|------------------------------------|
| Municipality | | |
| Subdivision | | |
| 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 | 0.150 | 400 |
| Motel | | |
| Restaurant | | |
| Hospital | | |
| Nursing home | | |
| Other | | |
| TOTAL FLOW from all sources | 0.150 MGD | 400 |
| AVERAGE BOD ₅ from all sources | | |

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

A. Existing/Interim I Phase Design Effluent Quality

Biochemical Oxygen Demand (5-day), mg/l: 5.0

Total Suspended Solids, mg/l: 5.0

Ammonia Nitrogen, mg/l: 2.0

Total Phosphorus, mg/l: 1.0

Dissolved Oxygen, mg/l: 5.0

Other: Click to enter text.

B. Interim II Phase Design Effluent Quality

Biochemical Oxygen Demand (5-day), mg/l: 5.0

Total Suspended Solids, mg/l: 5.0

Ammonia Nitrogen, mg/l: 2.0

Total Phosphorus, mg/l: 1.0

Dissolved Oxygen, mg/l: 5.0

Other: Click to enter text.

C. Final Phase Design Effluent Quality

Biochemical Oxygen Demand (5-day), mg/l: 5.0

Total Suspended Solids, mg/l: 5.0

Ammonia Nitrogen, mg/l: 2.0

Total Phosphorus, mg/l: 1.0

Dissolved Oxygen, mg/l: 5.0

Other: Click to enter text.

D. Disinfection Method

Identify the proposed method of disinfection.

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

Dechlorination process: Chlorine Contact Basin

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

☐ Other: Click to enter text.

Section 4. Design Calculations (Instructions Page 59)

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

Attachment: Appendix J

Section 5. Facility Site (Instructions Page 60)

A. 100-year floodplain

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

☒ Yes ☐ No

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

Click to enter text.

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

FEMA MAP: 48491C0575F (APPENDIX L)

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

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

B. Wind rose

Attach a wind rose: [Appendix M](#)

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

A. Beneficial use authorization

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

☐ Yes ☒ No

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

B. Sludge processing authorization

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

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

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

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

Attach a solids management plan to the application.

Attachment: [Appendix N](#)

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

- Treatment units and processes dimensions and capacities

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

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

DOMESTIC WASTEWATER PERMIT APPLICATION

WORKSHEET 2.0: RECEIVING WATERS

The following information is required for all TPDES permit applications.

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

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

☐ Yes ☒ No

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

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

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

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

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

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

Does the facility discharge into tidally affected waters?

☐ Yes ☒ No

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

A. Receiving water outfall

Width of the receiving water at the outfall, in feet: N/A

B. Oyster waters

Are there oyster waters in the vicinity of the discharge?

☐ Yes ☒ No

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

[Click to enter text.](#)

C. Sea grasses

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

☐ Yes ☒ No

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

[Click to enter text.](#)

Section 3. Classified Segments (Instructions Page 64)

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

☐ Yes ☒ No

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

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

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

Name of the immediate receiving waters: Unknown Tributary of Mustang Creek

A. Receiving water type

Identify the appropriate description of the receiving waters.

☒ Stream

☐ Freshwater Swamp or Marsh

☐ Lake or Pond

Surface area, in acres: Click to enter text.

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

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

☐ Man-made Channel or Ditch

☐ Open Bay

☐ Tidal Stream, Bayou, or Marsh

☐ Other, specify: Click to enter text.

B. Flow characteristics

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

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

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

☐ Perennial - normally flowing

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

☒ USGS flow records

☐ Historical observation by adjacent landowners

☒ Personal observation

☐ Other, specify: Click to enter text.

C. Downstream perennial confluences

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

Unknown tributary of Mustang Creek

D. Downstream characteristics

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

☒ Yes ☐ No

If yes, discuss how.

After 1 stream mile, the effluent will meet with Malish Lake. After 3 stream miles, the effluent meets Mustang Creek which then joins with Brushy Creek after approximately 3.5 miles

E. Normal dry weather characteristics

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

Streambed is typically dry during normal dry weather conditions.

Date and time of observation: 4/19/2024

Was the water body influenced by stormwater runoff during observations?

☐ Yes ☐ No

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

A. Upstream influences

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

☐ Oil field activities

☐ Urban runoff

☐ Upstream discharges

☒ Agricultural runoff

☐ Septic tanks

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

B. Waterbody uses

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

- | | |
|---|--|
| <input checked="" type="checkbox"/> Livestock watering | <input type="checkbox"/> Contact recreation |
| <input checked="" 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: Click to enter text. |

C. Waterbody aesthetics

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

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

DOMESTIC WASTEWATER PERMIT APPLICATION

WORKSHEET 2.1: STREAM PHYSICAL CHARACTERISTICS

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

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

Section 1. General Information (Instructions Page 66)

Date of study: 05/23/22024 Time of study: 2:25 pm

Stream name: Unknown Tributary of Mustang Creek

Location: 0.16 miles northeast of the intersection of FM 112 and 112 and Tucek Road

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

☐ Perennial ☒ Intermittent with perennial pools

Section 2. Data Collection (Instructions Page 66)

Number of stream bends that are well defined: 1

Number of stream bends that are moderately defined: 0

Number of stream bends that are poorly defined: 0

Number of riffles: 1

Evidence of flow fluctuations (check one):

☒ Minor ☐ moderate ☐ severe

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

The observed stream use was agricultural irrigation. No major flow fluctuations were visible.

Stream transects

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

Table 2.1(1) - Stream Transect Records

| Stream type at transect Select riffle, run, glide, or pool. See Instructions, Definitions section. | Transect location | Water surface width (ft) | Stream depths (ft) at 4 to 10 points along each transect from the channel bed to the water surface. Separate the measurements with commas. |
|---|-----------------------|--------------------------|---|
| Run | 30.566457, -97.358453 | 5.5 | 0.25 |
| Run | 30.566163, -97.358531 | 3.5 | 0.125 |
| Riffle | 30.565832, -97.358649 | 2.5 | 0.083 |
| Glide | 30.565482, -97.358771 | 2.5 | 0.083 |
| Run | 30.565235, -97.358755 | 5 | 0.083 |
| Choose an item. | | | |
| Choose an item. | | | |
| Choose an item. | | | |
| Choose an item. | | | |
| Choose an item. | | | |

Section 3. Summarize Measurements (Instructions Page 66)

Streambed slope of entire reach, from USGS map in feet/feet: 0.008

Approximate drainage area above the most downstream transect (from USGS map or county highway map, in square miles): 0.27

Length of stream evaluated, in feet: 600

Number of lateral transects made: 5

Average stream width, in feet: 3.8

Average stream depth, in feet: 0.125

Average stream velocity, in feet/second: 0.5

Instantaneous stream flow, in cubic feet/second: 0.23

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

Size of pools (large, small, moderate, none): None measured on studied portion of reach.

Downstream properties are private and fenced which does not allow for access for measurements.

Maximum pool depth, in feet: None measured on studied portion of reach. Downstream properties are private and fenced which does not allow for access for measurements.

APPENDIX A:

PLAIN LANGUAGE SUMMARY

Plain Language Summary - TPDES New Application

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

ENGLISH TEMPLATE FOR TPDES or TLAP NEW/RENEWAL/AMENDMENT APPLICATIONS

DOMESTIC WASTEWATER

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 are not federal enforceable representations of the permit application.

NMCV Taylor Property Investors LLC (CN#) proposes to operate 487 Acre Taylor Tract Wastewater Treatment Plant RN# N/A. a 0.15 MGD WWTP facility. The facility will be located Approximately 0.16 miles Northeast from the intersection of FM 112 and Tucek Road, in Taylor, Williamson County, Texas 76574.

This is for a new application to discharge processed wastewater at an average daily flow of 150,000 gallons per day on an intermittent and flow-variable basis.

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*. Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7. Domestic wastewater will be treated by a suspended growth activated sludge process in extended aeration mode and the treatment units will include a mechanical auger screen, equalization basin, aeration tanks, a chlorine contact chamber.

PLANTILLA EN INGLÉS PARA SOLICITUDES DE NUEVA/RENOVACIÓN/ENMIENDA TPDES o TLAP

AGUAS RESIDUALES DOMÉSTICAS

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 federal. representaciones ejecutables de la solicitud de permiso.

NMCV Taylor Property Investors LLC (CN#) propone operar la planta de tratamiento de aguas residuales de 487 Acre Taylor Tract RN# N/A. una instalación de PTAR de 0.15 MGD. La instalación estará ubicada aproximadamente a 0,16 millas al noreste de la intersección de FM 112 y Tucek Road, en Taylor, condado de Williamson, Texas 76574.

Esto es para una nueva aplicación para descargar aguas residuales procesadas a un flujo diario promedio de 150,000 galones por día de forma intermitente y de flujo variable.

Se espera que las descargas de la instalación contengan demanda bioquímica de oxígeno carbonoso (CBOD5) de cinco días, sólidos suspendidos totales (SST), nitrógeno amoniacal (NH3-N) y Escherichia coli. Se incluyen contaminantes potenciales adicionales en el Informe Técnico Nacional 1.0, Sección 7. Las aguas residuales domésticas serán tratadas mediante un proceso de lodos activados de crecimiento suspendido en modo de aireación extendida y las unidades de tratamiento incluirán una criba de tornillo mecánico, un estanque de ecualización, tanques de aireación, un sistema de cloro. cámara de contacto.

APPENDIX B:
CORE DATA FORM



TCEQ Core Data Form

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

SECTION I: General Information

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

SECTION II: Customer Information

| | | | |
|---|---------------------------------------|---|--|
| 4. General Customer Information | | 5. Effective Date for Customer Information Updates (mm/dd/yyyy) | |
| <input checked="" type="checkbox"/> New Customer <input type="checkbox"/> Update to Customer Information <input type="checkbox"/> Change in Regulated Entity Ownership | | | |
| <input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts) | | | |
| The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA). | | | |
| 6. Customer Legal Name (If an individual, print last name first: eg: Doe, John) | | If new Customer, enter previous Customer below: | |
| NMCV Taylor Property Investors LLC | | | |
| 7. TX SOS/CPA Filing Number | 8. TX State Tax ID (11 digits) | 9. Federal Tax ID (9 digits) | 10. DUNS Number (if applicable) |
| 0803961657 | 32078082891 | | |
| 11. Type of Customer: | | Partnership: <input type="checkbox"/> General <input checked="" type="checkbox"/> Limited | |
| <input type="checkbox"/> Corporation | | <input type="checkbox"/> Individual | |
| Government: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> Local <input type="checkbox"/> State <input type="checkbox"/> Other | | <input type="checkbox"/> Sole Proprietorship <input checked="" type="checkbox"/> Other: Limited Liability Company | |
| 12. Number of Employees | | 13. Independently Owned and Operated? | |
| <input checked="" type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher | | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | |
| 14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following | | | |
| <input checked="" type="checkbox"/> Owner <input type="checkbox"/> Operator <input type="checkbox"/> Owner & Operator <input type="checkbox"/> Other: | | | |
| <input type="checkbox"/> Occupational Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> VCP/BSA Applicant | | | |
| 15. Mailing Address: | | | |
| 2225 High Lonesome | | | |
| | | | |
| City | Leander | State | TX |
| ZIP | 78641 | ZIP + 4 | 3296 |
| 16. Country Mailing Information (if outside USA) | | 17. E-Mail Address (if applicable) | |
| | | | |
| 18. Telephone Number | | 19. Extension or Code | 20. Fax Number (if applicable) |
| | | | |

SECTION III: Regulated Entity Information**21. General Regulated Entity Information** (If 'New Regulated Entity' is selected, a new permit application is also required.)☒ New Regulated Entity ☐ Update to Regulated Entity Name ☐ Update to Regulated Entity Information*The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).***22. Regulated Entity Name** (Enter name of the site where the regulated action is taking place.)

487 Acre Taylor Tract Wastewater Treatment Plant

23. Street Address of the Regulated Entity:

(No PO Boxes)

City

State

ZIP

ZIP + 4

24. County

Williamson County

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

25. Description to Physical Location:

The location is approximately 0.16 miles Northeast of the intersection of FM 112 and Tucek Road in Williamson County, Texas.

26. Nearest City

State

Nearest ZIP Code

Taylor

TX

76574

*Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).***27. Latitude (N) In Decimal:**

30.565409

28. Longitude (W) In Decimal:

-97.358819

Degrees

Minutes

Seconds

Degrees

Minutes

Seconds

30

33

55.5

-97

21

31.8

29. Primary SIC Code**30. Secondary SIC Code****31. Primary NAICS Code****32. Secondary NAICS Code**

(4 digits)

(4 digits)

(5 or 6 digits)

(5 or 6 digits)

4952

22132

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

Wastewater Treatment

34. Mailing

2225 High Lonesome

Address:

City

Leander

State

TX

ZIP

78641

ZIP + 4

3296

35. E-Mail Address:**36. Telephone Number****37. Extension or Code****38. Fax Number** (if applicable)

() -

() -

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

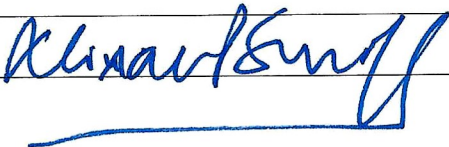
| | | | | |
|--|--|---|--|---|
| <input type="checkbox"/> Dam Safety | <input type="checkbox"/> Districts | <input type="checkbox"/> Edwards Aquifer | <input type="checkbox"/> Emissions Inventory Air | <input type="checkbox"/> Industrial Hazardous Waste |
| <input type="checkbox"/> Municipal Solid Waste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

SECTION IV: Preparer Information

| | | | |
|-----------------------------|----------------------|-----------------------|---------------------------|
| 40. Name: | Lauren Crone, P.E. | 41. Title: | Senior Project Manager |
| 42. Telephone Number | 43. Ext./Code | 44. Fax Number | 45. E-Mail Address |
| (512) 439-4700 | | () - | lcrone@lja.com |

SECTION V: Authorized Signature

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

| | | | |
|-------------------------|---|-------------------|--------------|
| Company: | NMCV Taylor Property Investors LLC | Job Title: | Manager |
| Name (In Print): | Nirav Shroff | Phone: | 512 825-8837 |
| Signature: |  | Date: | 04/18/24 |

APPENDIX C:

PUBLIC INVOLVEMENT PLAN FORM



Texas Commission on Environmental Quality

Public Involvement Plan Form for Permit and Registration Applications

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

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

Section 1. Preliminary Screening

New Permit or Registration Application

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

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

Section 2. Secondary Screening

Requires public notice,

Considered to have significant public interest, and

Located within any of the following geographical locations:

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

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

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

Section 3. Application Information

Type of Application (check all that apply):

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

Water Quality

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

Water Rights New Permit

New Appropriation of Water
New or existing reservoir

Amendment to an Existing Water Right

Add a New Appropriation of Water
Add a New or Existing Reservoir
Major Amendment that could affect other water rights or the environment

Section 4. Plain Language Summary

Provide a brief description of planned activities.

Section 5. Community and Demographic Information

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

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

(City)

(County)

(Census Tract)

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

City

County

Census Tract

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

Section 6. Planned Public Outreach Activities

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

Yes No

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

Yes No

If Yes, please describe.

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

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

Yes No

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

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

Publish in alternative language newspaper

Posted on Commissioner's Integrated Database Website

Mailed by TCEQ's Office of the Chief Clerk

Other (specify)

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

Yes No

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

Yes No

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

TCEQ Regional Office

TCEQ Central Office

Public Place (specify)

Section 7. Voluntary Submittal

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

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

Yes No

What types of notice will be provided?

Publish in alternative language newspaper

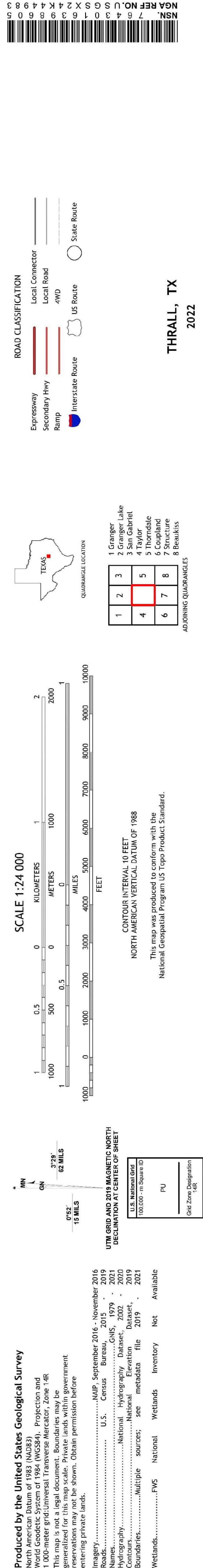
Posted on Commissioner's Integrated Database Website

Mailed by TCEQ's Office of the Chief Clerk

Other (specify)

APPENDIX D:

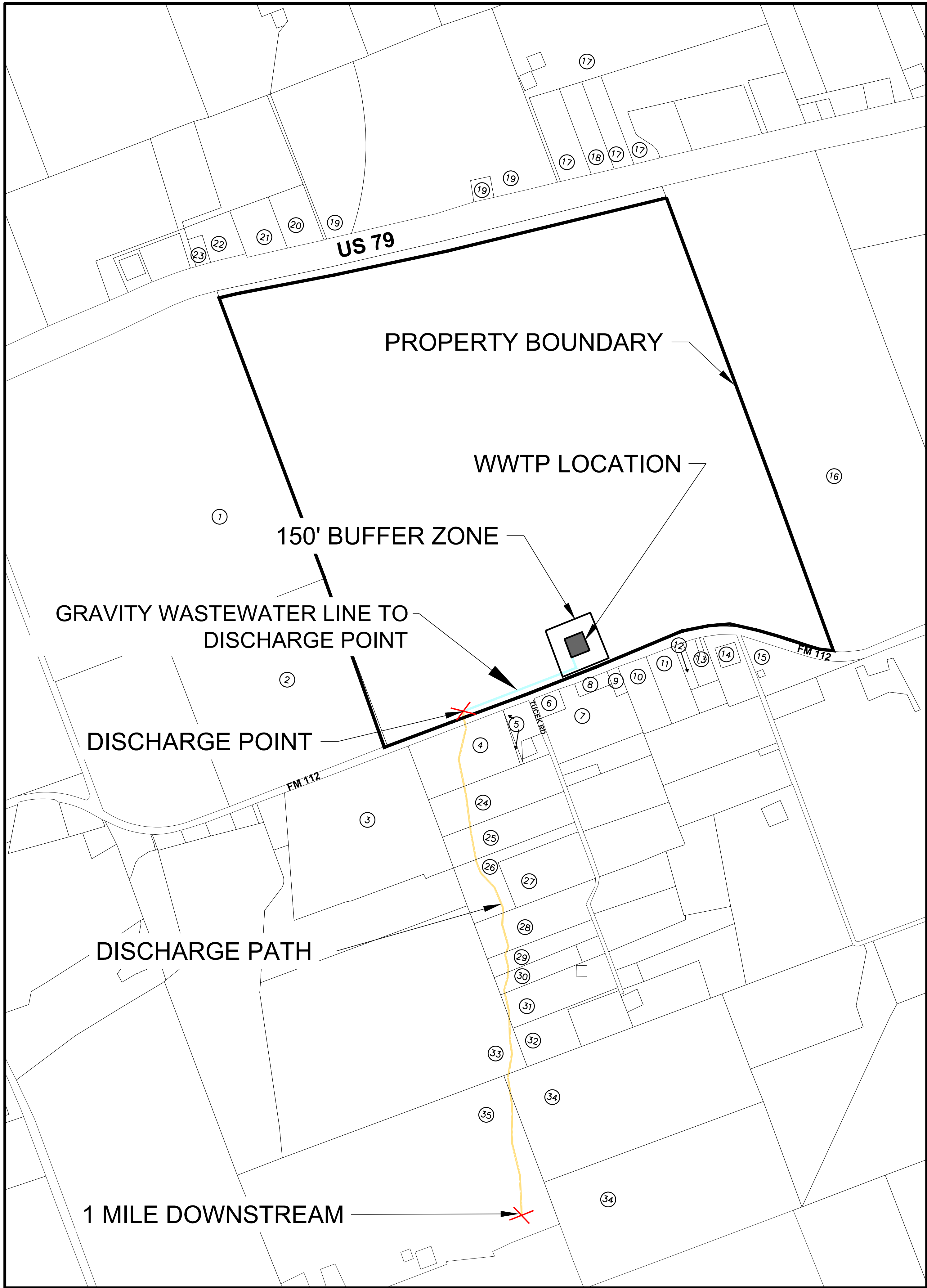
USGS MAPS



APPENDIX E:

AFFECTED LANDOWNERS MAP AND LIST

| Map Number | Landowner Name | Landowner Address (1) | Landowner Address (2) |
|------------|---|---|---|
| 1 | PREWITT FARM & ZIZINIA WILLIAMSON COUNTY LTD | 79 HWY/619 FM THRALL, TX 76578 | 5105 ASPEN ST, BELLAIRE, TX 77401 |
| 2 | CARLSON, CONNIE R W | 6701 FM 112, TAYLOR, TX 76574 | 2760 COUNTY ROAD 421, TAYLOR, TX 76574 |
| 3 | S2F HOLDING LLC & SATHISH BABU CHAKKA | FM 112, THRALL, TX 76578 | 4126 REMINGTON RD, CEDAR PARK, TX 78613 |
| 4 | MORRIS, JAMES & LISA | 3280 FM 112, TAYLOR, TX 76574 | PO BOX 1208, TAYLOR, TX 76574 |
| 5 | WILLIAMS, BOBBIE LEE | FM 112, TAYLOR, TX 76574 | 3300 FM 112, TAYLOR, TX 76574 |
| 6 | OMAN, TROY L | 3350 FM 112, TAYLOR, TX 76574 | 3301 FM 112, TAYLOR, TX 76574 |
| 7 | POKOJSKI, JOHN F | 3400 FM 112, TAYLOR, TX 76574 | 3400 FM 112, TAYLOR, TX 76574 |
| 8 | SMITH, STEPHEN | 3406 FM 112, TAYLOR, TX 76574 | 3406 FM 112, TAYLOR, TX 76574 |
| 9 | ZYCHA LONNIE D SR & CONNIE & LONNIE D JR | 3450 FM 112, TAYLOR, TX 76574 | 3450 FM 112, TAYLOR TX 76574 |
| 10 | WERNER, CHARLES E | 3550 FM 112, TAYLOR, TX 76574 | 3550 FM 112, TAYLOR TX 76574 |
| 11 | DAUGHERTY, JAMES & HEIDI | 3600 FM 112, TAYLOR, TX 76574 | 3600 FM 112, TAYLOR TX 76574 |
| 12 | MILLER, JAMES FRANK & NETTIE LYNN | 3610 FM 112, TAYLOR, TX 76574 | 3610 FM 112, TAYLOR, TX 76574 |
| 13 | TATROW, ROBERT JAMES | 3650 FM 112, TAYLOR, TX 76574 | 3650 FM 112, TAYLOR TX 76574 |
| 14 | JIRASEK DONALD (LE) | 50 CR 446, TAYLOR, TX 76574 | 50 CR 446, TAYLOR TX 76574 |
| 15 | BARNETT, ADELINA | 71 CR 446, TAYLOR, TX 76574 | 71 COUNTY ROAD 446 TAYLOR TX 76574 |
| 16 | ZIESCHANG, MORRIS & BARBARA | 4701 FM 112, TAYLOR, TX 76574 | 4701 FM 112 TAYLOR TX 76574 |
| 17 | T W FORD LP | Highway 79, TAYLOR, TX 76574 | PO BOX 128 TAYLOR TX 76574 |
| 18 | BDB INDUSTRIES LLC | 21545 Highway 79, THRALL, TX 76578 | 21545 US HWY 79 TAYLOR TX 76574 |
| 19 | METZGER, KATHY & DON PETERS & T HALL & J FUSILIER | 21481 Highway 79, THRALL, TX 76578 | 4304 MIRAMAR DR GEORGETOWN TX 78628 |
| 20 | MOUNT VERNON LLC | 3701 E 4TH ST, TAYLOR, TX 76574 | 1900 IH 10 WEST SEQUIN TX 78155 |
| 21 | JOHNSON, NORMAN | 3609 E 4TH ST, TAYLOR, TX 76574 | 3609 E 4TH ST, TAYLOR, TX 76574 |
| 22 | CRABBOLL II LLC | 20901 US 79, TAYLOR, TX 76574 | 3509 E 4TH ST TAYLOR TX 76574 |
| 23 | STAR TECH SERVICE LLC | 20875 US 79, TAYLOR, TX 76574 | PO BOX 112 TAYLOR TX 76574 |
| 24 | HARRINGTON, GLENNETH & MISA | 220 TUCEK RD, TAYLOR, TX 76574 | 220 TUCEK RD, TAYLOR, TX 76574 |
| 25 | SHIPLEY, MICHAEL RICHARD | 250 TUCEK RD, TAYLOR, TX 76574 | 250 TUCEK RD, TAYLOR, TX 76574 |
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| 27 | HARWELL, WILLIAM G & CYNTHIA D | 330 TUCEK RD, TAYLOR, TX 76574 | 330 TUCEK RD, TAYLOR, TX 76574 |
| 28 | BAUER, GAYLORD E & CAROLYN S | 450 TUCEK RD, TAYLOR, TX 76574 | 450 TUCEK RD, TAYLOR, TX 76574 |
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| 30 | GANDER, CLYDE EARL & JUDITH KAY | 500 TUCEK DR, TAYLOR, TX 76574 | 209 E 8TH ST, LOS FRESNOS TX, 78566 |
| 31 | ROCHA, ANNA MARIA RIOS | 510 TUCEK DR, THRALL, TX 76578 | 510 TUCEK DR, THRALL, TX 76578 |
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| 34 | ALBRECHT, MARK | 29 SUNRISE ROAD, CODY, WY 82414 | CR 446, THRALL, TX 76578 |
| 35 | MALISH, JUDITH M | 631 CR 445, TAYLOR, TX 76574 | 631 CR 445, TAYLOR, TX 76574 |



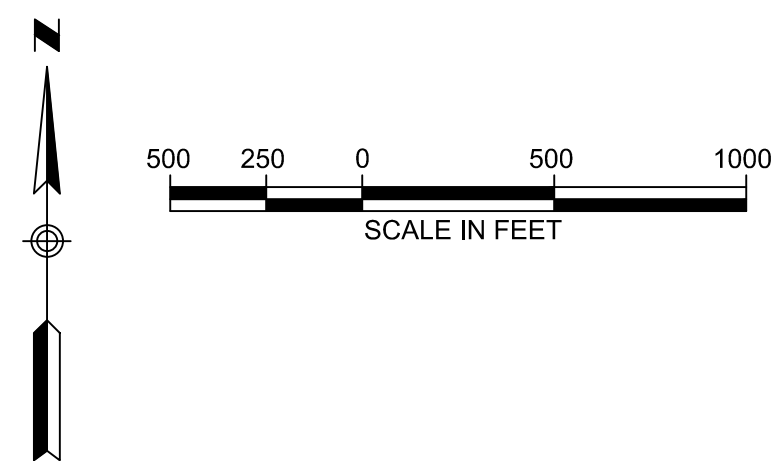
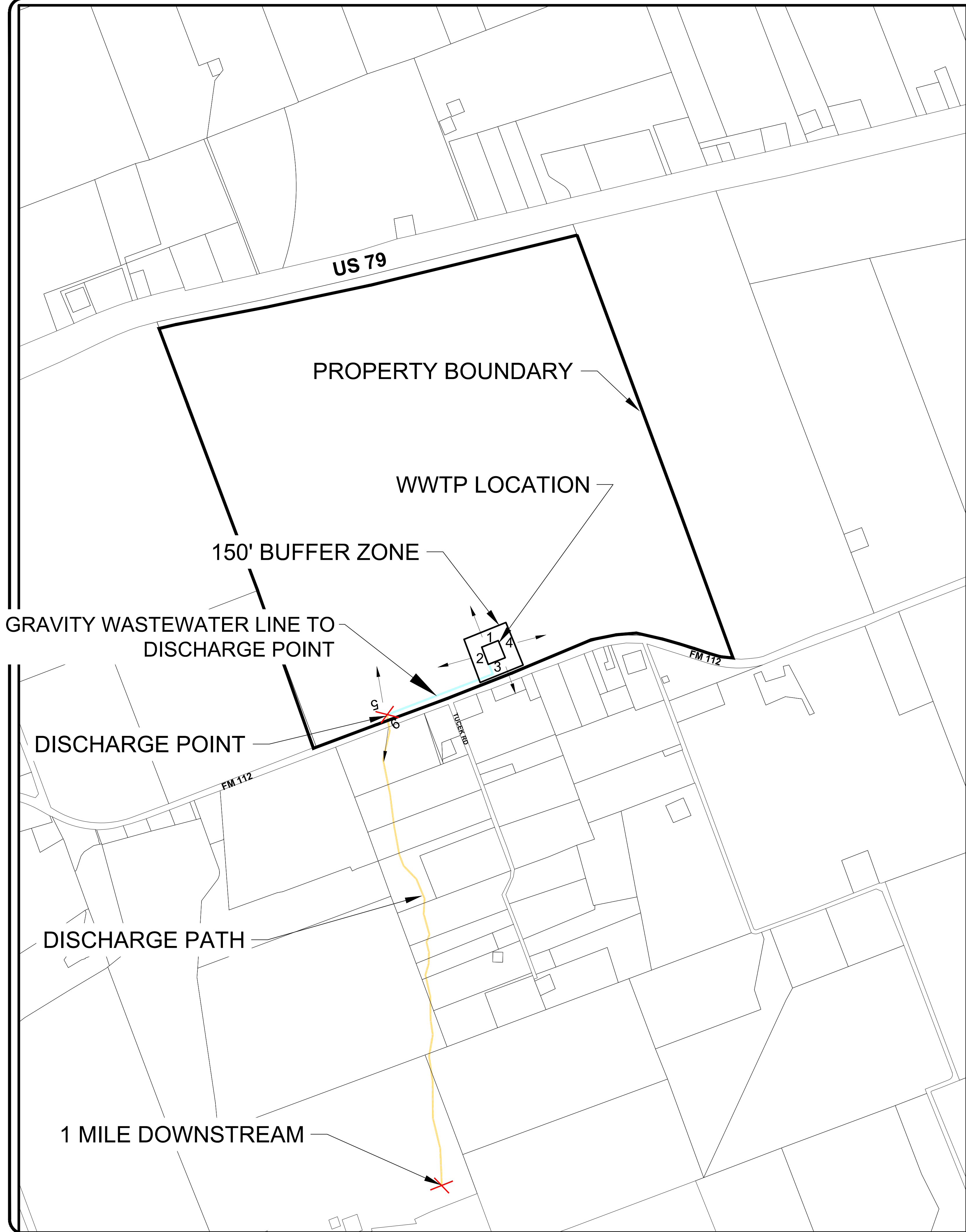
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| 35 | MALISH, JUDITH M | 631 CR 445, TAYLOR, TX 76574 | 631 CR 445, TAYLOR, TX 76574 |

ADJACENT PROPERTY OWNERS MAP

487 ACRE TAYLOR TRACT
NMCV TAYLOR PROPERTY INVESTORS, LLC
TAYLOR, TX

LJA
Engineering, Inc.
7500 Riata Boulevard
Building II, Suite 100
Austin, Texas 78735
Phone 512.439.4700
Fax 512.439.4716
FRN - F-1386

APPENDIX F:
ORIGINAL PHOTOGRAPHS

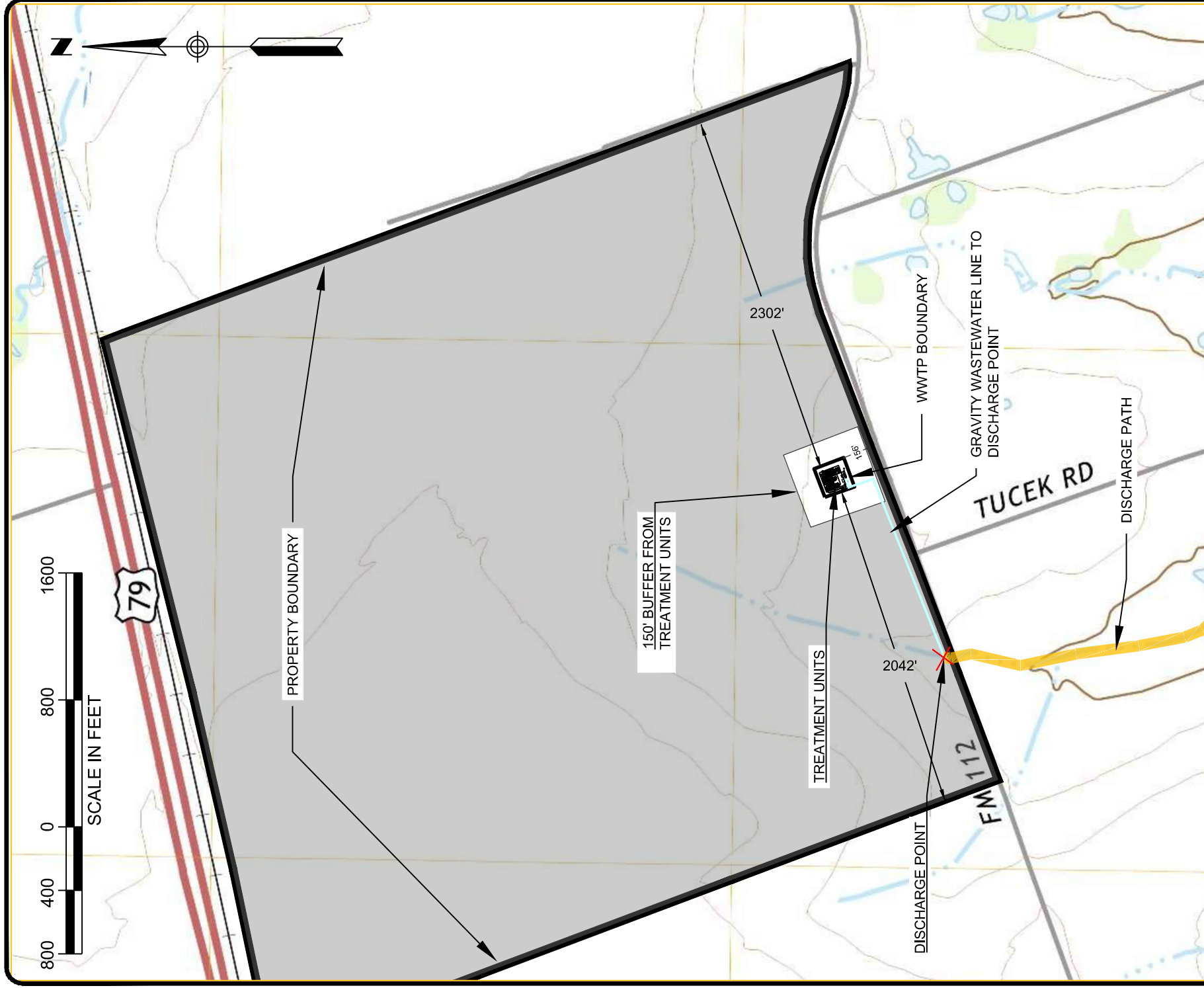


487 ACRE TAYLOR TRACT
NMCV TAYLOR PROPERTY INVESTORS, LLC
TAYLOR, TX

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7500 Rialto Boulevard
Building II, Suite 100
Austin, Texas 78735
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Fax 512.439.4716
FRN - F-1386

APPENDIX G

BUFFER ZONE MAP



LJA Engineering, Inc.

7500 Rialto Boulevard
Building II, Suite 100
Austin, Texas 78735
Phone 512.439.4700
Fax 512.439.4716
FRN - F-1386

BUFFER ZONE MAP

487 TAYLOR TRACT WWTP

NMCV TAYLOR PROPERTY INVESTORS, LLC

1 OF 1

APPENDIX H
SPIF USGS MAPS

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: NMCV TAYLOR PROPERTY INVESTORS, LLC

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 0.16 miles Northeast from the intersection of FM 112 and Tucek Road, in Taylor, Williamson County, Texas 76574.

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): Ms.

First and Last Name: Lauren Crone

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

Title: Senior Project Manager

Mailing Address: 7500 Rialto Blvd., Building II, Suite 100

City, State, Zip Code: Austin, TX 78735

Phone No.: 512-439-4700 Ext.:

Fax No.:

E-mail Address: lcrone@lja.com

2. List the county in which the facility is located: Williamson County
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.

New Permit: From the proposed treatment plant, effluent will be flow via gravity pipe roughly 1400 linear feet to its discharge point in an unnamed Tributary on the applicant's property. The effluent will then travel approximately 3.0 miles to Mustang Creek (Segment 1244C).

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):

Approximately 487 acres to be impacted through construction of commercial improvements. No planned sealing of caves or other features.

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

Predominantly ranchland.

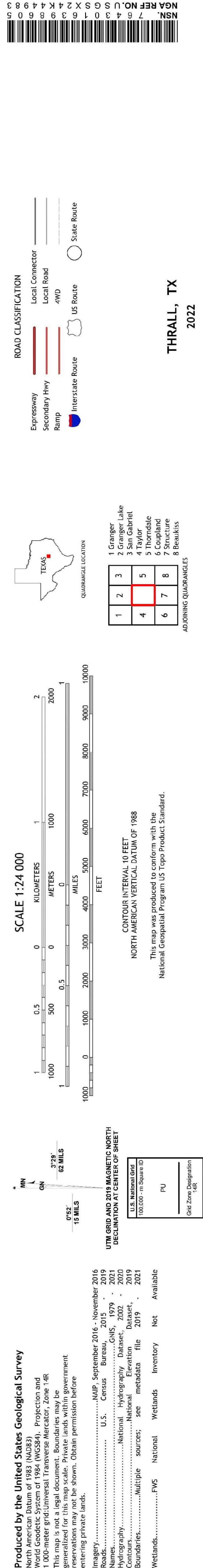
THE FOLLOWING ITEMS APPLY ONLY TO APPLICATIONS FOR NEW TPDES PERMITS AND MAJOR AMENDMENTS TO TPDES PERMITS

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

N/A

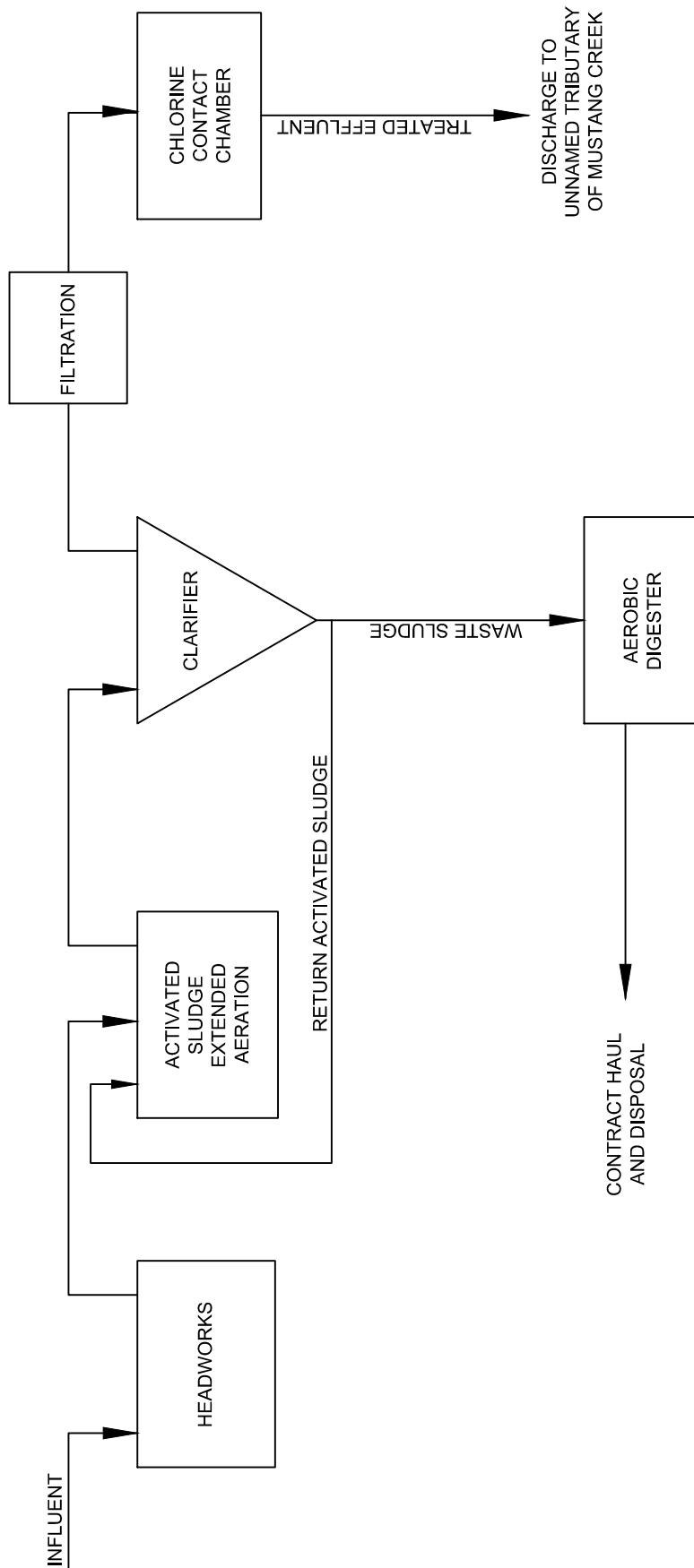
4. Provide a brief history of the property, and name of the architect/builder, if known.

The property is mostly undeveloped and has been used as ranchland. No builder has been identified.



APPENDIX I

PROCESS FLOW DIAGRAM



FOR PLANNING PURPOSES ONLY

INTERIM I PHASE

LJA Engineering, Inc.

7500 Rialto Boulevard
Building II, Suite 100
Austin, Texas 78735



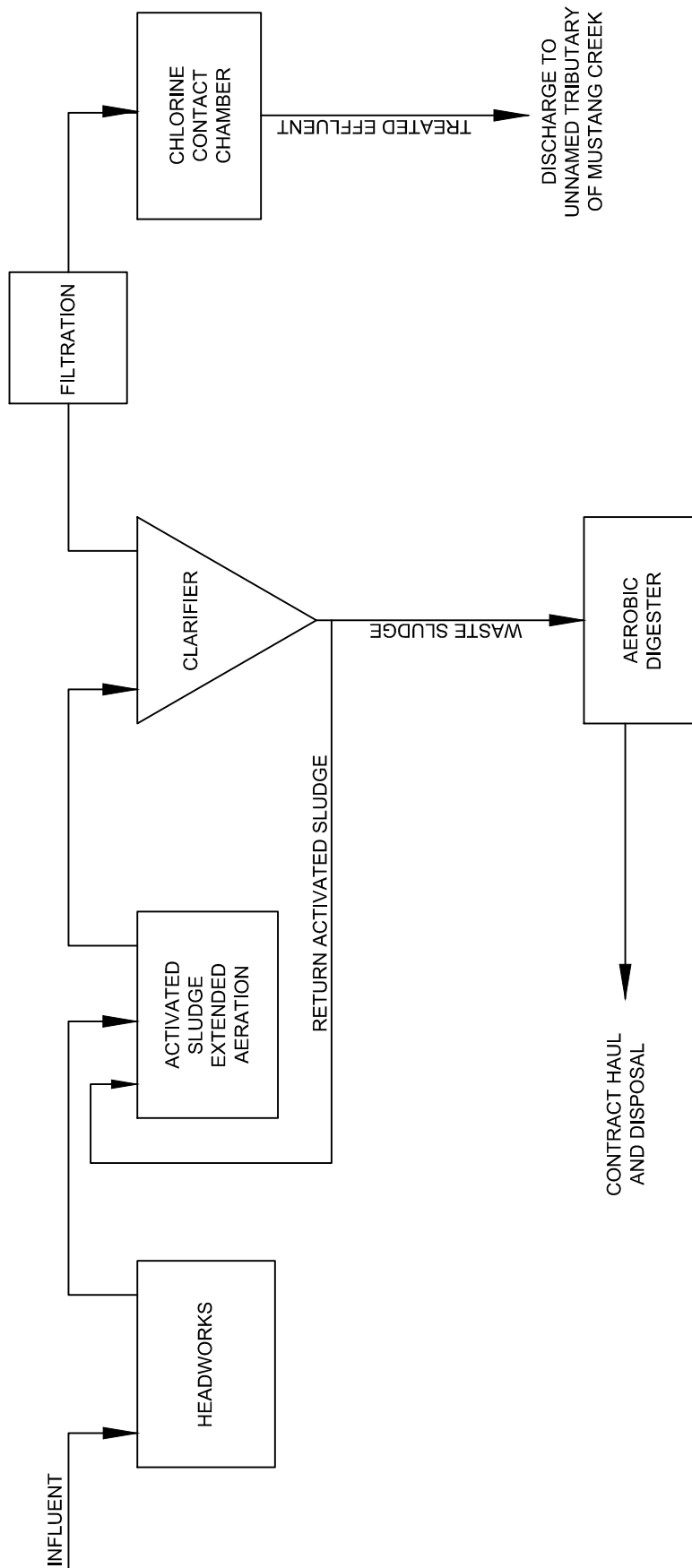
Phone 512.439.4700
Fax 512.439.4716
FRN - F-1386

487 TAYLOR TRACT WWTP

NMCV TAYLOR PROPERTY INVESTORS, LLC

**PROCESS FLOW
DIAGRAM**

1 OF 1



FOR PLANNING PURPOSES ONLY

INTERIM II PHASE

LJA Engineering, Inc.

7500 Rialto Boulevard
Building II, Suite 100
Austin, Texas 78735



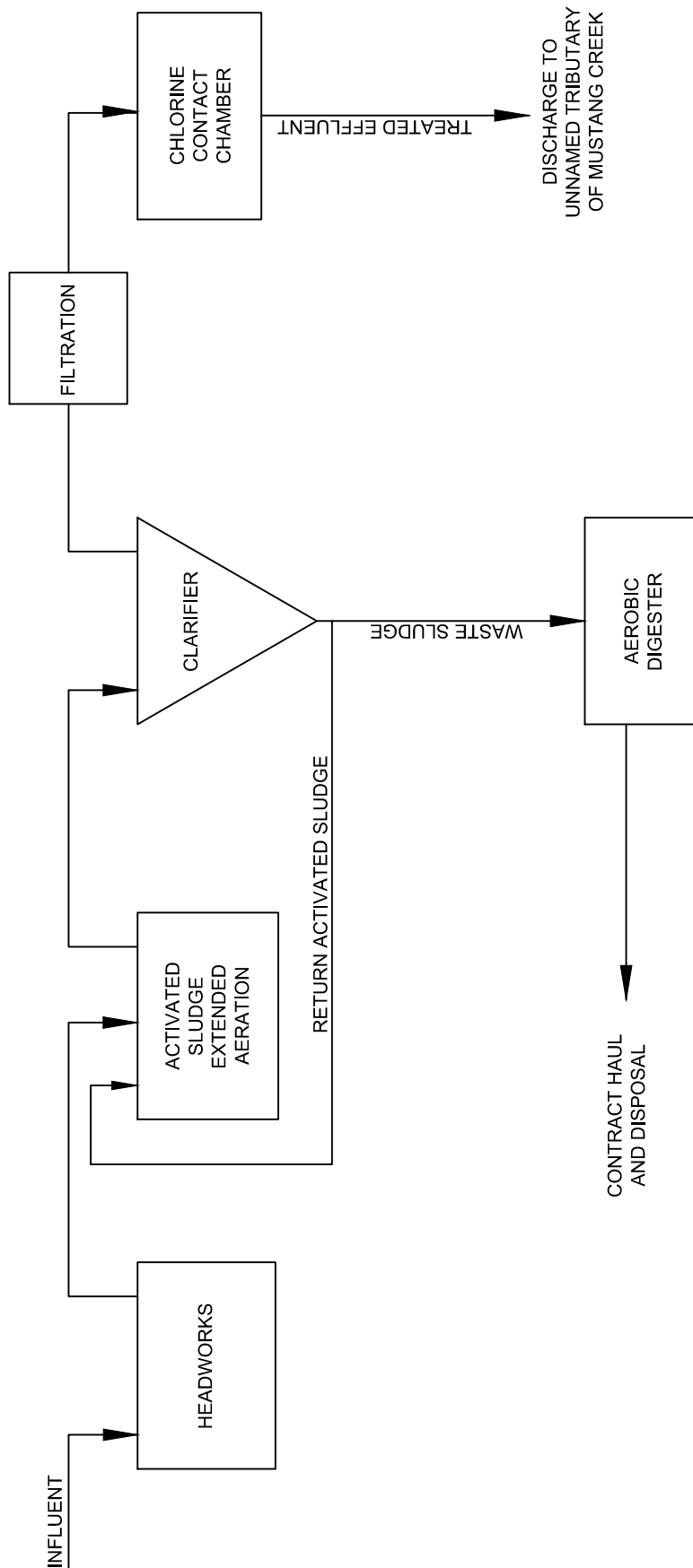
Phone 512.439.4700
Fax 512.439.4716
FRN - F-1386

487 TAYLOR TRACT WWTP

NMCV TAYLOR PROPERTY INVESTORS, LLC

**PROCESS FLOW
DIAGRAM**

1 OF 1



FOR PLANNING PURPOSES ONLY

FINAL PHASE

LJA Engineering, Inc.

7500 Rialto Boulevard
Building II, Suite 100
Austin, Texas 78735



Phone 512.439.4700
Fax 512.439.4716
FRN - F-1386

487 TAYLOR TRACT WWTP

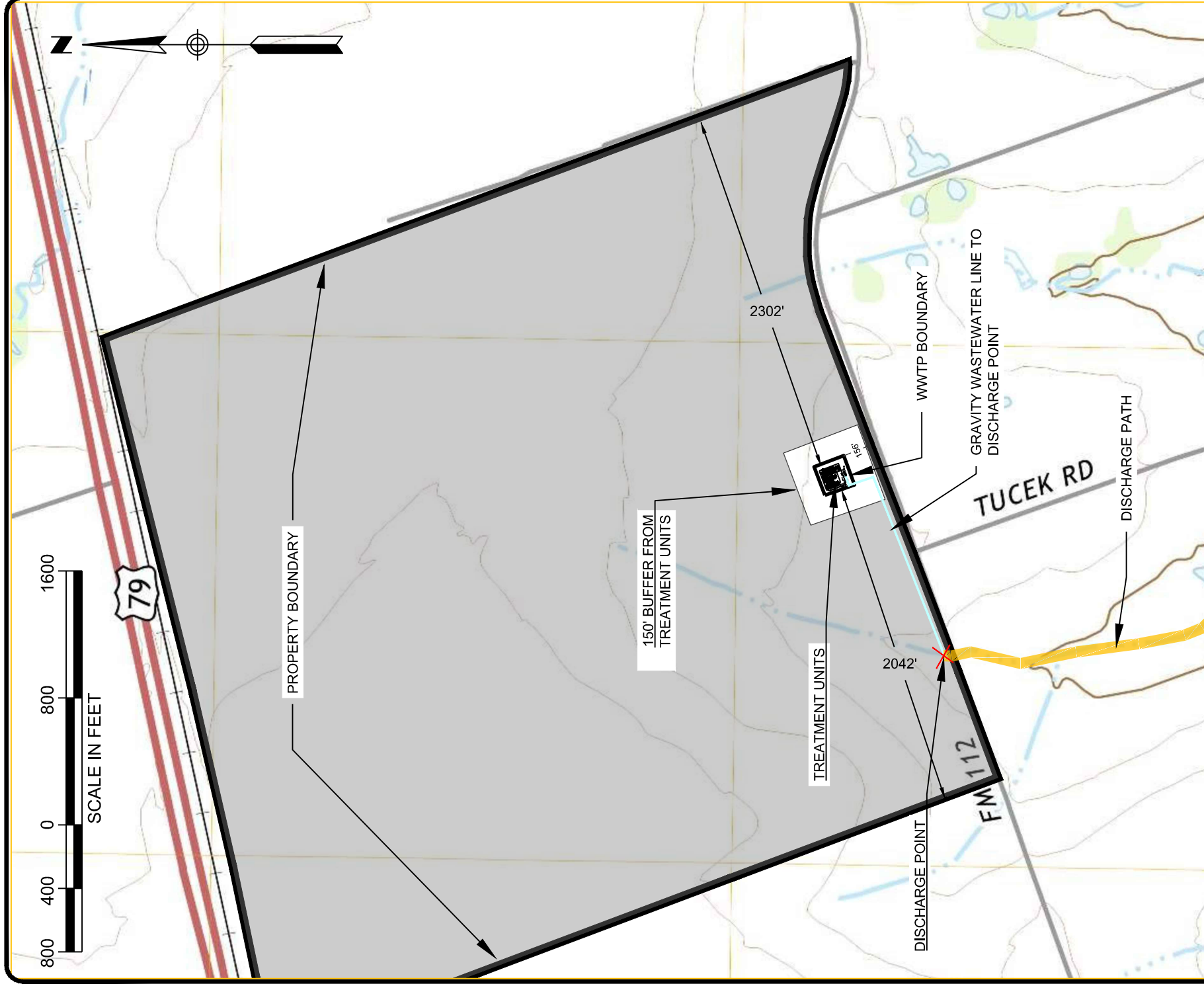
NMCV TAYLOR PROPERTY INVESTORS, LLC

**PROCESS FLOW
DIAGRAM**

1 OF 1

APPENDIX J

SITE DRAWING



LJA Engineering, Inc.

7500 Rialto Boulevard
Building II, Suite 100
Austin, Texas 78735

LJA

Phone 512.439.4700
Fax 512.439.4716
FRN - F-1386

487 TAYLOR TRACT WWTP

NMCV TAYLOR PROPERTY INVESTORS, LLC

SITE DRAWING

1 OF 1

APPENDIX K

DESIGN CALCULATIONS

Taylor WWTP - WWTP FLOW PHASES

| Phase 1 | | Phase 2 | | Phase 3 | |
|------------------------|-------------|------------------------|-------------|------------------------|-------------|
| <u>Assumptions</u> | | <u>Assumptions</u> | | <u>Assumptions</u> | |
| Average Flow per LUE = | 245 gpd | Average Flow per LUE = | 245 gpd | Average Flow per LUE = | 245 gpd |
| Average Density | 3 LUEs/Ac | Average Density | 3 LUEs/Ac | Average Density | 3 LUEs/Ac |
| I/I for Wet Peak | 750 gpd/Ac | I/I for Wet Peak | 750 gpd/Ac | I/I for Wet Peak | 750 gpd/Ac |
| | | | | | |
| LUEs | 204 | LUEs | 408 | LUEs | 612 |
| Average Daily Flow | 49,980 gpd | Average Daily Flow | 99,960 gpd | Average Daily Flow | 149,940 gpd |
| | 35 gpm | Average Daily Flow | 69 gpm | Average Daily Flow | 104 gpm |
| Dry Peaking Factor | 3.89 | Dry Peaking Factor | 3.69 | Dry Peaking Factor | 3.56 |
| Peak Dry Flow | 135 gpm | Peak Dry Flow | 256 gpm | Peak Dry Flow | 371 gpm |
| Service Area | 487 acres | Service Area | 487 acres | Service Area | 487 acres |
| I/I for Peak Wet | 365,250 gpd | I/I for Peak Wet | 365,250 gpd | I/I for Peak Wet | 365,250 gpd |
| | 254 gpm | | 254 gpm | | 254 gpm |
| Total Peak Wet Flow | 389 gpm | Total Peak Wet Flow | 510 gpm | Total Peak Wet Flow | 625 gpm |
| | | | | | |
| Minimum Flow Factor | 0.17 | Minimum Flow Factor | 0.20 | Minimum Flow Factor | 0.22 |
| Minimum Flow | 6 gpm | Minimum Flow | 14 gpm | Minimum Flow | 23 gpm |

487 AC Taylor WWTP Extended Air Process Design (TCEQ Checklist)

| | |
|----------------------------------|------------------|
| Phase 1 | |
| Design Flow (from Summary Sheet) | 0.050 mgd |
| Peak Flow (from Summary Sheet) | 0.200 mgd |
| Design Organic Load | 400 lb BOD / day |

Clarifier Design
(Criteria)

| | |
|---------------------------------------|---------------------------|
| Maximum Surface Loading @ Peak Flow | 900 gpd/ft ² |
| Minimum Detention Time @ Peak Flow | 2 hrs |
| Maximum Surface Loading @ Design Flow | 450 gpd/ft ² |
| Minimum Detention Time @ Design Flow | 4 hrs |
| Surface Area Required (Peak Flow) | 222.2 ft ² |
| Surface Area Required (Design Flow) | 111.1 ft ² |
| Volume Required (Peak Flow) | 2,228 ft ³ |
| Volume Required (Design Flow) | 1,114 ft ³ |
| Depth Required (Peak Flow) | 10.0 ft |
| Depth Required (Design Flow) | 10.0 ft |
| Maximum Return Sludge Underflow Rate | 400.0 gpd/ft ² |
| Minimum Return Sludge Underflow Rate | 200.0 gpd/ft ² |

(Calculations)

| | |
|---------------------------------------|----------------------------------|
| Proposed Sidewater Depth | <div>12</div> ft |
| Proposed Clarifier Diameter | <div>16</div> ft |
| Clarifier Surface Area | <div>201</div> ft ² |
| Clarifier Volume | <div>2,413</div> ft ³ |
| Maximum Return Sludge Underflow Rate | 56 gpm |
| Minimum Return Sludge Underflow Rate | 28 gpm |
| RAS Line Size (min 3 ft/sec velocity) | 4 inches |

Note - Min SWD is
8 ft, 10 ft if area >
1250 ft²

Aeration System Design
(Criteria)

| | |
|--------------------|--|
| Organic Loading | 15 lb BOD/day/1000 ft ³ |
| Actual Design Load | 400 lb BOD/day |
| Required Volume | <input type="text" value="26667"/> ft ³ |
| | scf / lb BOD (assumes 4.0% transfer efficiency) |
| Required Air Flow | 3200 |

(Calculations)

| | | |
|--------------------------|--|---------------------------|
| Proposed Sidewater Depth | <input type="text" value="12"/> ft | Note - Min SWD is 8 ft |
| Surface Area | <input type="text" value="2,222"/> ft ² | |
| Air Flow | <input type="text" value="889"/> scfm | |

Aerobic Digester Design
(Criteria)

| | |
|-----------------------|--|
| Volume Required or | 20 ft ³ / lb BOD 15 days SRT |
| Air Required | 30 scfm/ 1000 ft ³ volume |

(Calculations)

| | |
|--------------------------|--|
| Proposed Volume | <input type="text" value="8,000"/> ft ³ |
| Proposed Sidewater Depth | <input type="text" value="12"/> ft |
| Surface Area | <input type="text" value="667"/> ft ² |
| Required Air Flow | <input type="text" value="240"/> scfm |

Chlorine Contact Design
(Criteria)

| | |
|----------------------|------------------------|
| Minimum Contact Time | 20 minutes @ Peak Flow |
|----------------------|------------------------|

(Calculations)

| | |
|--------------------------|--|
| Proposed Volume | <input type="text" value="371"/> ft ³ |
| Proposed Sidewater Depth | <input type="text" value="12"/> ft |
| Surface Area | <input type="text" value="31"/> ft ² |

487 AC Taylor WWTP Extended Air Process Design (TCEQ Checklist)

Phase 2

| | |
|----------------------------------|------------------|
| Design Flow (from Summary Sheet) | 0.050 mgd |
| Peak Flow (from Summary Sheet) | 0.200 mgd |
| Design Organic Load | 400 lb BOD / day |

Clarifier Design

(Criteria)

| | |
|---------------------------------------|---------------------------|
| Maximum Surface Loading @ Peak Flow | 900 gpd/ft ² |
| Minimum Detention Time @ Peak Flow | 2 hrs |
| Maximum Surface Loading @ Design Flow | 450 gpd/ft ² |
| Minimum Detention Time @ Design Flow | 4 hrs |
| Surface Area Required (Peak Flow) | 222.2 ft ² |
| Surface Area Required (Design Flow) | 111.1 ft ² |
| Volume Required (Peak Flow) | 2,228 ft ³ |
| Volume Required (Design Flow) | 1,114 ft ³ |
| Depth Required (Peak Flow) | 10.0 ft |
| Depth Required (Design Flow) | 10.0 ft |
| Maximum Return Sludge Underflow Rate | 400.0 gpd/ft ² |
| Minimum Return Sludge Underflow Rate | 200.0 gpd/ft ² |

(Calculations)

| | |
|-----------------------------|--|
| Proposed Sidewater Depth | <input type="text" value="12"/> ft |
| Proposed Clarifier Diameter | <input type="text" value="16"/> ft |
| Clarifier Surface Area | <input type="text" value="201"/> ft ² |
| Clarifier Volume | <input type="text" value="2,413"/> ft ³ |

Note - Min SWD is
8 ft, 10 ft if area >
1250 ft²

| | |
|---------------------------------------|----------|
| Maximum Return Sludge Underflow Rate | 56 gpm |
| Minimum Return Sludge Underflow Rate | 28 gpm |
| RAS Line Size (min 3 ft/sec velocity) | 4 inches |

Aeration System Design
(Criteria)

| | | |
|--------------------|------------------------------------|------------------------------------|
| Organic Loading | 15 lb BOD/day/1000 ft ³ | |
| Actual Design Load | 400 | |
| Required Volume | <input type="text" value="26667"/> | ft ³ |
| Required Air Flow | 3200 scf / lb BOD | (assumes 4.0% transfer efficiency) |

(Calculations)

| | | | |
|--------------------------|------------------------------------|-----------------|---------------------------|
| Proposed Sidewater Depth | <input type="text" value="12"/> | ft | Note - Min SWD is 8 ft |
| Surface Area | <input type="text" value="2,222"/> | ft ² | |
| Air Flow | <input type="text" value="889"/> | scfm | |

Aerobic Digester Design
(Criteria)

| | |
|-----------------|--------------------------------------|
| Volume Required | 20 ft ³ / lb BOD |
| or | 15 days SRT |
| Air Required | 30 scfm/ 1000 ft ³ volume |

(Calculations)

| | | |
|--------------------------|------------------------------------|-----------------|
| Proposed Volume | <input type="text" value="8,000"/> | ft ³ |
| Proposed Sidewater Depth | <input type="text" value="12"/> | ft |
| Surface Area | <input type="text" value="667"/> | ft ² |
| Required Air Flow | <input type="text" value="240"/> | scfm |

Chlorine Contact Design
(Criteria)

| | |
|----------------------|------------------------|
| Minimum Contact Time | 20 minutes @ Peak Flow |
|----------------------|------------------------|

(Calculations)

| | | |
|--------------------------|----------------------------------|-----------------|
| Proposed Volume | <input type="text" value="371"/> | ft ³ |
| Proposed Sidewater Depth | <input type="text" value="12"/> | ft |
| Surface Area | <input type="text" value="31"/> | ft ² |

487 AC Taylor WWTP Extended Air Process Design (TCEQ Checklist)

Phase 3

| | |
|----------------------------------|------------------|
| Design Flow (from Summary Sheet) | 0.050 mgd |
| Peak Flow (from Summary Sheet) | 0.200 mgd |
| Design Organic Load | 400 lb BOD / day |

Clarifier Design

(Criteria)

| | |
|---------------------------------------|---------------------------|
| Maximum Surface Loading @ Peak Flow | 900 gpd/ft ² |
| Minimum Detention Time @ Peak Flow | 2 hrs |
| Maximum Surface Loading @ Design Flow | 450 gpd/ft ² |
| Minimum Detention Time @ Design Flow | 4 hrs |
| Surface Area Required (Peak Flow) | 222.2 ft ² |
| Surface Area Required (Design Flow) | 111.11 ft ² |
| Volume Required (Peak Flow) | 2,228 ft ³ |
| Volume Required (Design Flow) | 1,114 ft ³ |
| Depth Required (Peak Flow) | 10.0 ft |
| Depth Required (Design Flow) | 10.0 ft |
| Maximum Return Sludge Underflow Rate | 400.0 gpd/ft ² |
| Minimum Return Sludge Underflow Rate | 200.0 gpd/ft ² |

(Calculations)

| | |
|---------------------------------------|--|
| Proposed Sidewater Depth | <input type="text" value="12"/> ft |
| Proposed Clarifier Diameter | <input type="text" value="16"/> ft |
| Clarifier Surface Area | <input type="text" value="201"/> ft ² |
| Clarifier Volume | <input type="text" value="2,413"/> ft ³ |
| Maximum Return Sludge Underflow Rate | 56 gpm |
| Minimum Return Sludge Underflow Rate | 28 gpm |
| RAS Line Size (min 3 ft/sec velocity) | 4 inches |

Note - Min SWD is
8 ft, 10 ft if area >
1250 ft²

Aeration System Design

(Criteria)

| | |
|--------------------|---|
| Organic Loading | 15 lb BOD/day/1000 ft ³ |
| Actual Design Load | 400 lb BOD/day |
| Required Volume | <input type="text" value="26667"/> ft ³ |
| Required Air Flow | 3200 scf / lb BOD (assumes 4.0% transfer efficiency) |

(Calculations)

| | |
|--------------------------|--|
| Proposed Sidewater Depth | <input type="text" value="12"/> ft |
| Surface Area | <input type="text" value="2,222"/> ft ² |
| Air Flow | <input type="text" value="889"/> scfm |

Note - Min SWD is
8 ft

Aerobic Digester Design

(Criteria)

| | |
|-----------------|--------------------------------------|
| Volume Required | 20 ft ³ / lb BOD |
| or | 15 days SRT |
| Air Required | 30 scfm/ 1000 ft ³ volume |

(Calculations)

| | | |
|--------------------------|-------|-----------------|
| Proposed Volume | 8,000 | ft ³ |
| Proposed Sidewater Depth | 12 | ft |
| Surface Area | 667 | ft ² |
| Required Air Flow | 240 | scfm |

Chlorine Contact Design

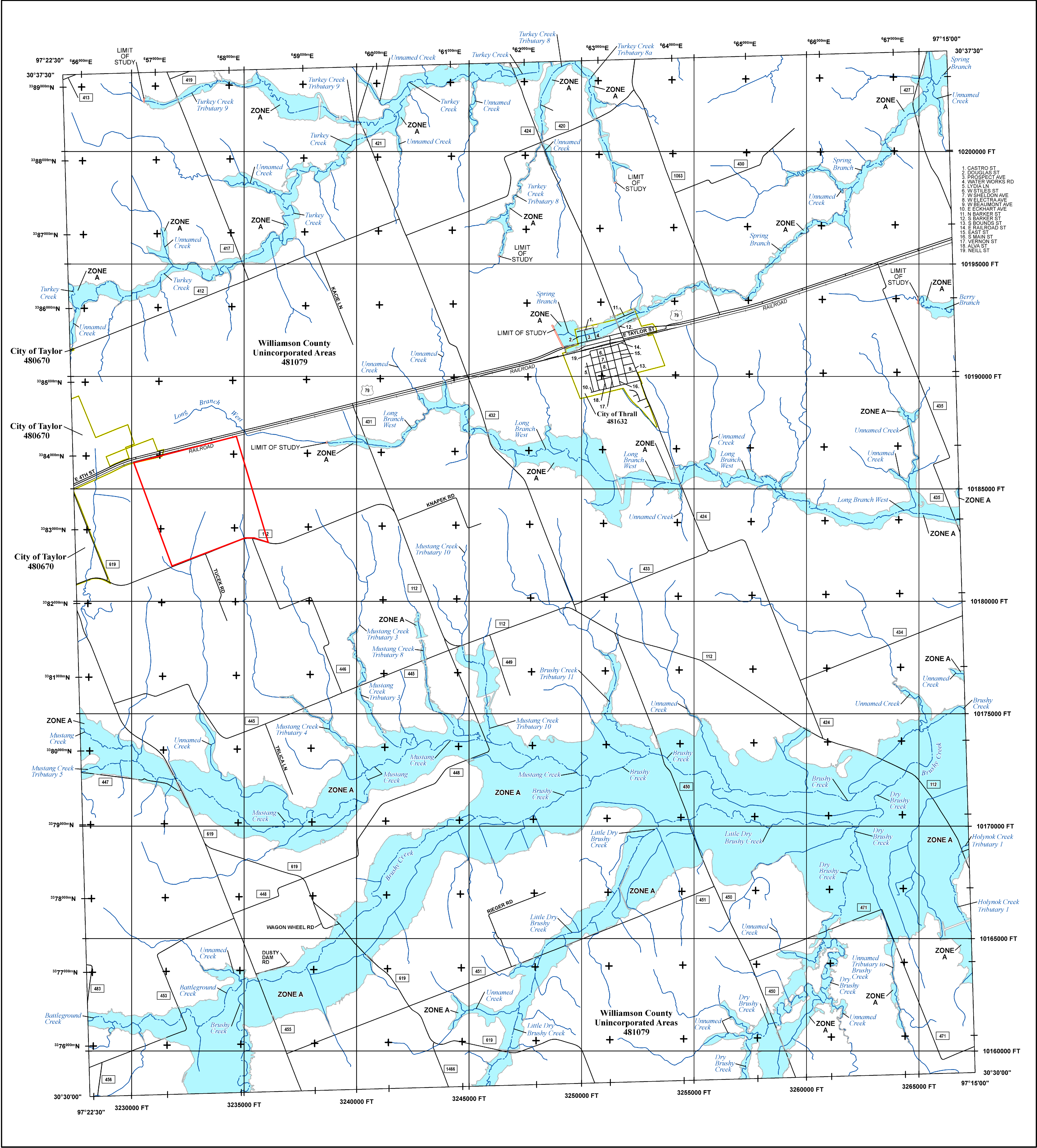
(Criteria)

| | |
|----------------------|------------------------|
| Minimum Contact Time | 20 minutes @ Peak Flow |
|----------------------|------------------------|

(Calculations)

| | | |
|--------------------------|-----|-----------------|
| Proposed Volume | 371 | ft ³ |
| Proposed Sidewater Depth | 12 | ft |
| Surface Area | 31 | ft ² |

APPENDIX L
FEMA FLOOD MAPS



FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT
THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT [HTTPS://MSC.FEMA.GOV](https://MSC.FEMA.GOV)

| | | |
|-----------------------------|--|---|
| SPECIAL FLOOD HAZARD AREAS | | Without Base Flood Elevation (BFE) Zone A,V, A99 |
| | | With BFE or Depth Zone AE, AO, AH, VE, AR |
| OTHER AREAS OF FLOOD HAZARD | | 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X |
| | | Future Conditions 1% Annual Chance Flood Hazard Zone X |
| | | Area with Reduced Flood Risk due to Levee See Notes. Zone X |
| | | Area with Flood Risk due to Levee Zone D |
| OTHER AREAS | | Area of Minimal Flood Hazard Zone X |
| | | Area of Undetermined Flood Hazard Zone D |
| GENERAL STRUCTURES | | Channel, Culvert, or Storm Sewer |
| | | Levee, Dike, or Floodwall |
| OTHER FEATURES | | Cross Sections with 1% Annual Chance Water Surface Elevation |
| | | Coastal Transect |
| | | Profile Baseline |
| | | Hydrographic Feature |
| | | Limit of Study |
| | | Jurisdiction Boundary |

NOTES TO USERS

For information and questions about this Flood Insurance Rate Map (FIRM), available products associated with this FIRM, including historic versions, the current map date for each FIRM panel, how to order products, or the National Flood Insurance Program (NFIP) in general, please call the FEMA Map Information eXchange at 1-877-FEMA-MAP (1-877-336-6627) or visit the FEMA Flood Map Service Center website at <https://msc.fema.gov>. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, and/or digital versions of this map. Many of these products can be ordered or obtained directly from the website.

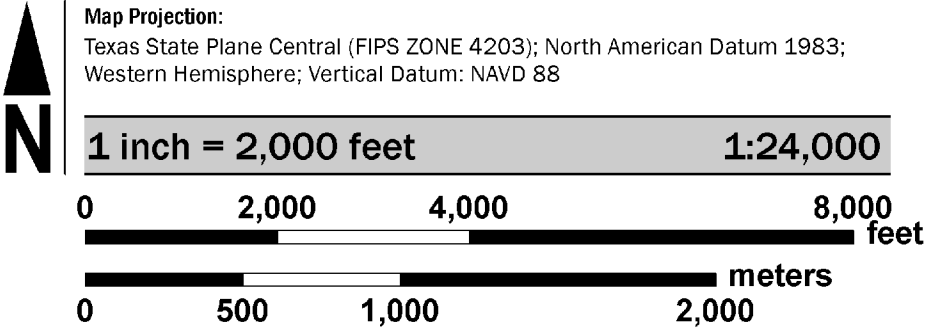
Communities annexing land on adjacent FIRM panels must obtain a current copy of the adjacent panel as well as the current FIRM Index. These may be ordered directly from the Flood Map Service Center at the number listed above.

For community and countywide map dates refer to the Flood Insurance Study Report for this jurisdiction.

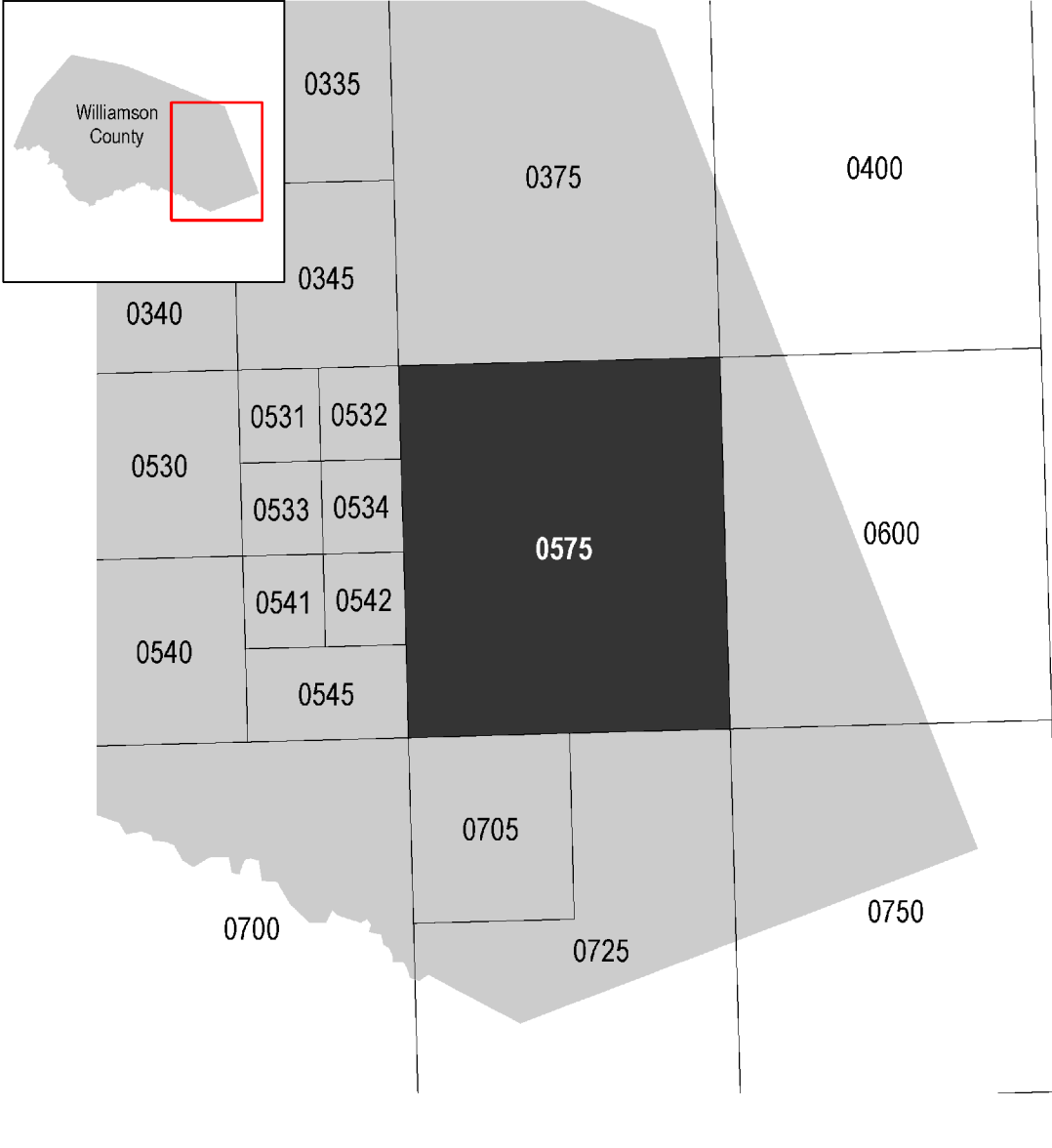
To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-833-6620.

Base map information shown on this FIRM was derived from digital data obtained from Texas Natural Resource Information Systems (TNRIS), dated 2000; United States Census Bureau, dated 2015; United States Geological Survey, dated 2005; and the Williamson County Geographic Information Systems (GIS) Department, dated 2014 and 2017.

SCALE



PANEL LOCATOR



National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP

WILLIAMSON COUNTY, TEXAS
and Incorporated Areas

PANEL 575 OF 750

Panel Contains:

| COMMUNITY | NUMBER | PANEL | SUFFIX |
|-------------------|--------|-------|--------|
| TAYLOR, CITY OF | 480670 | 0575 | F |
| THRALL, CITY OF | 481632 | 0575 | F |
| WILLIAMSON COUNTY | 481079 | 0575 | F |

VERSION NUMBER
2.3.3.3

MAP NUMBER
48491C0575F

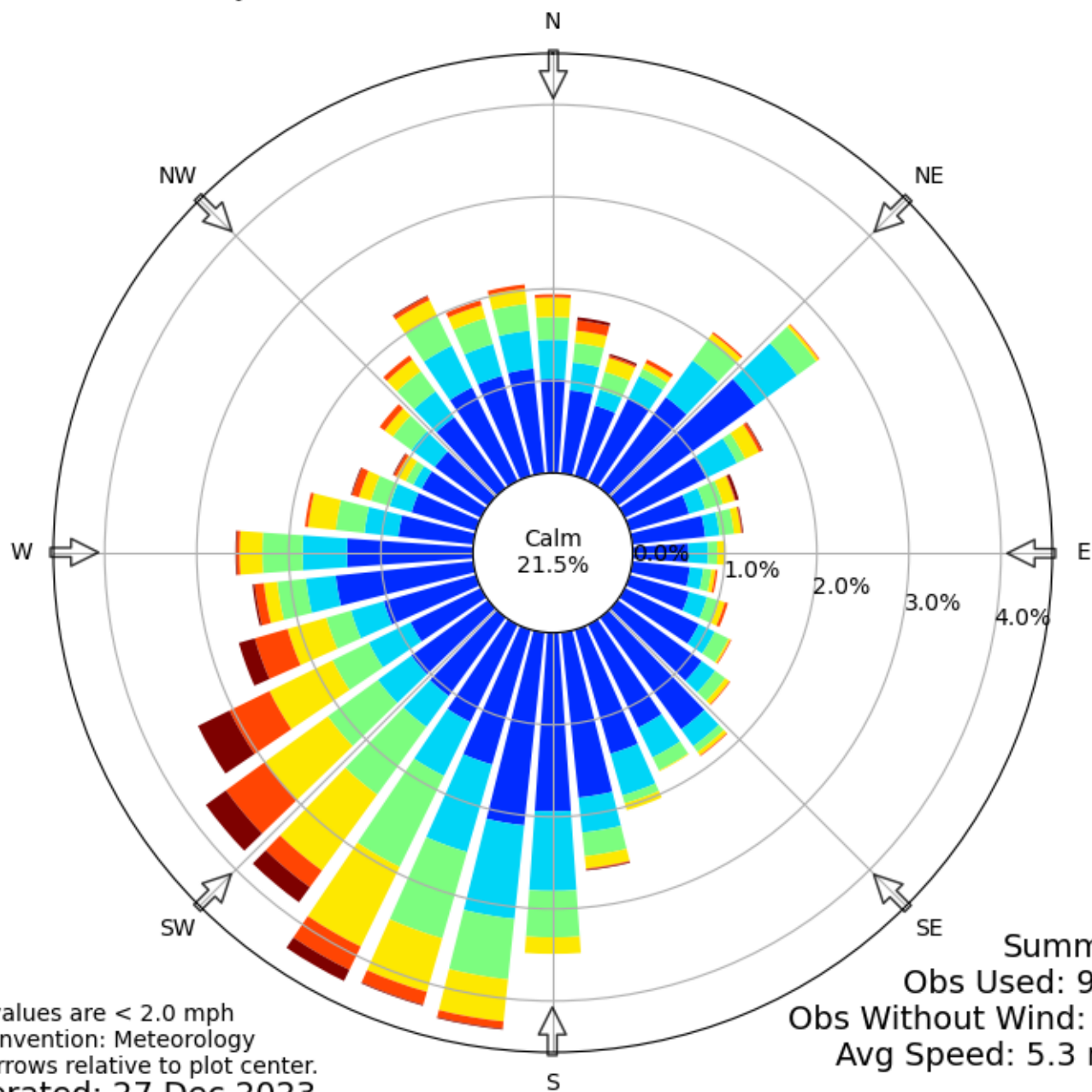
MAP REVISED
DECEMBER 20, 2019

APPENDIX M

WIND ROSE

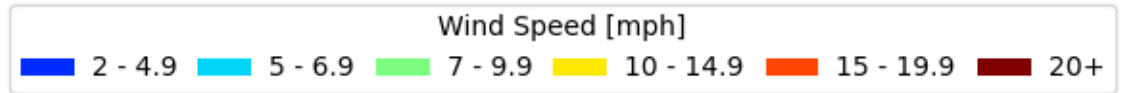


Windrose Plot for [GNGT2] San Gabriel River AT Granger Dam
Obs Between: 03 Jan 2011 08:00 AM - 31 Jan 2023 05:00 AM America/Chicago
↳ constraints: Jan



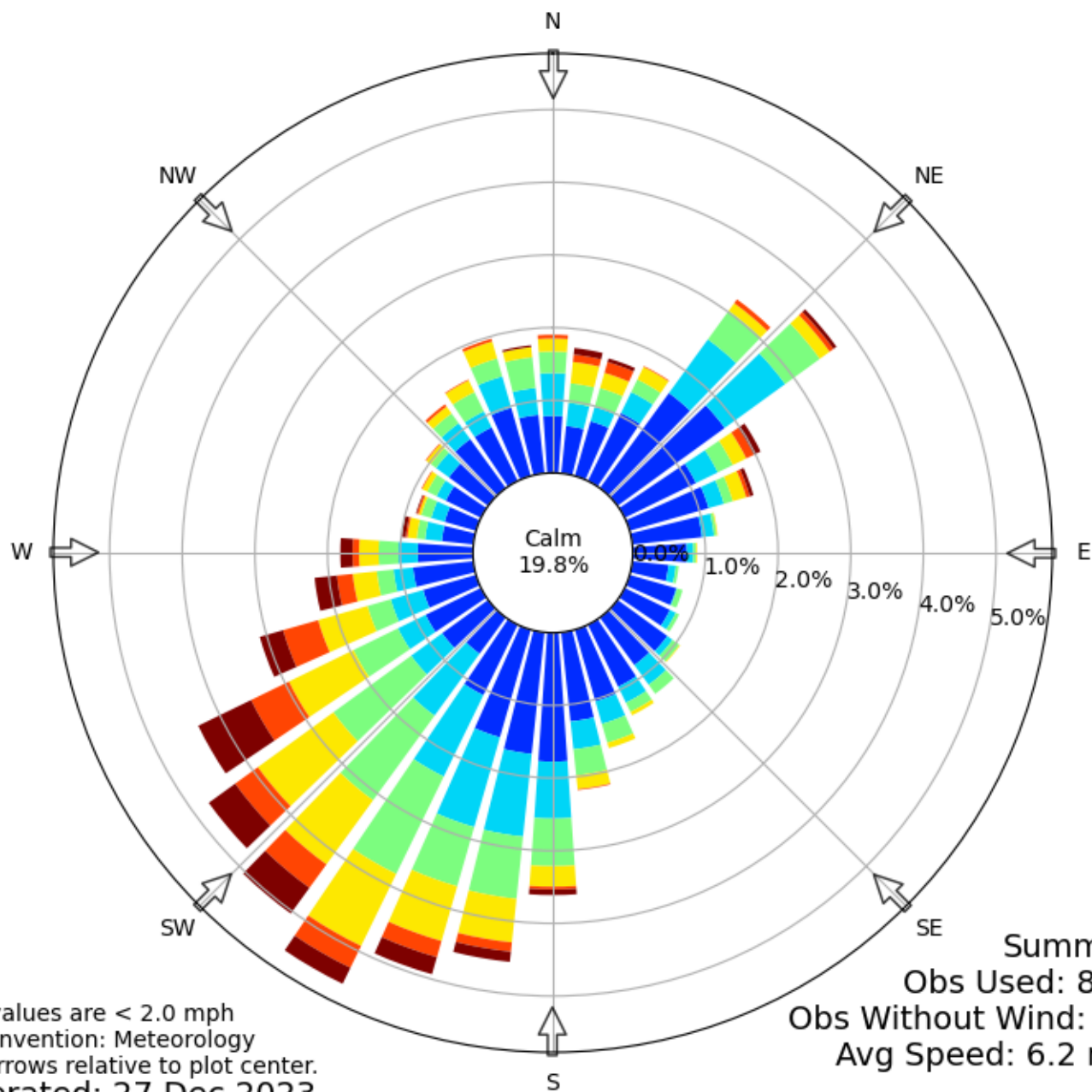
Calm values are < 2.0 mph
Bar Convention: Meteorology
Flow arrows relative to plot center.
Generated: 27 Dec 2023

Summary
Obs Used: 9078
Obs Without Wind: 162
Avg Speed: 5.3 mph



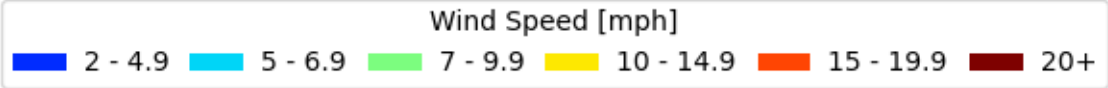


Windrose Plot for [GNGT2] San Gabriel River AT Granger Dam
Obs Between: 01 Feb 2011 08:00 AM - 28 Feb 2023 11:45 PM America/Chicago
↳ constraints: Feb



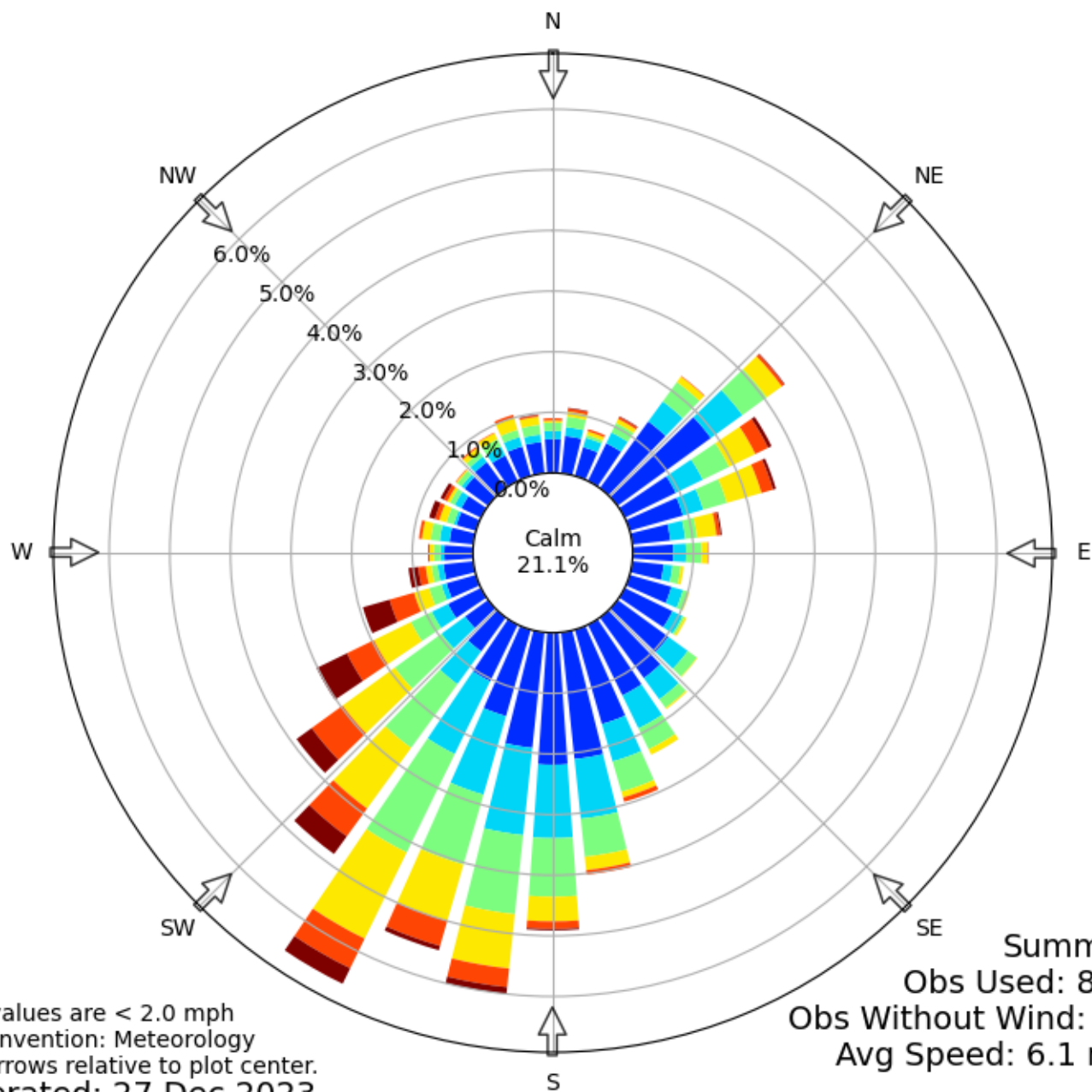
Calm values are < 2.0 mph
Bar Convention: Meteorology
Flow arrows relative to plot center.
Generated: 27 Dec 2023

Summary
Obs Used: 8028
Obs Without Wind: 245
Avg Speed: 6.2 mph



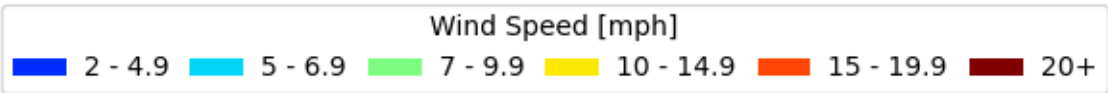


Windrose Plot for [GNGT2] San Gabriel River AT Granger Dam
Obs Between: 01 Mar 2011 08:00 AM - 31 Mar 2023 11:45 PM America/Chicago
↳ constraints: Mar



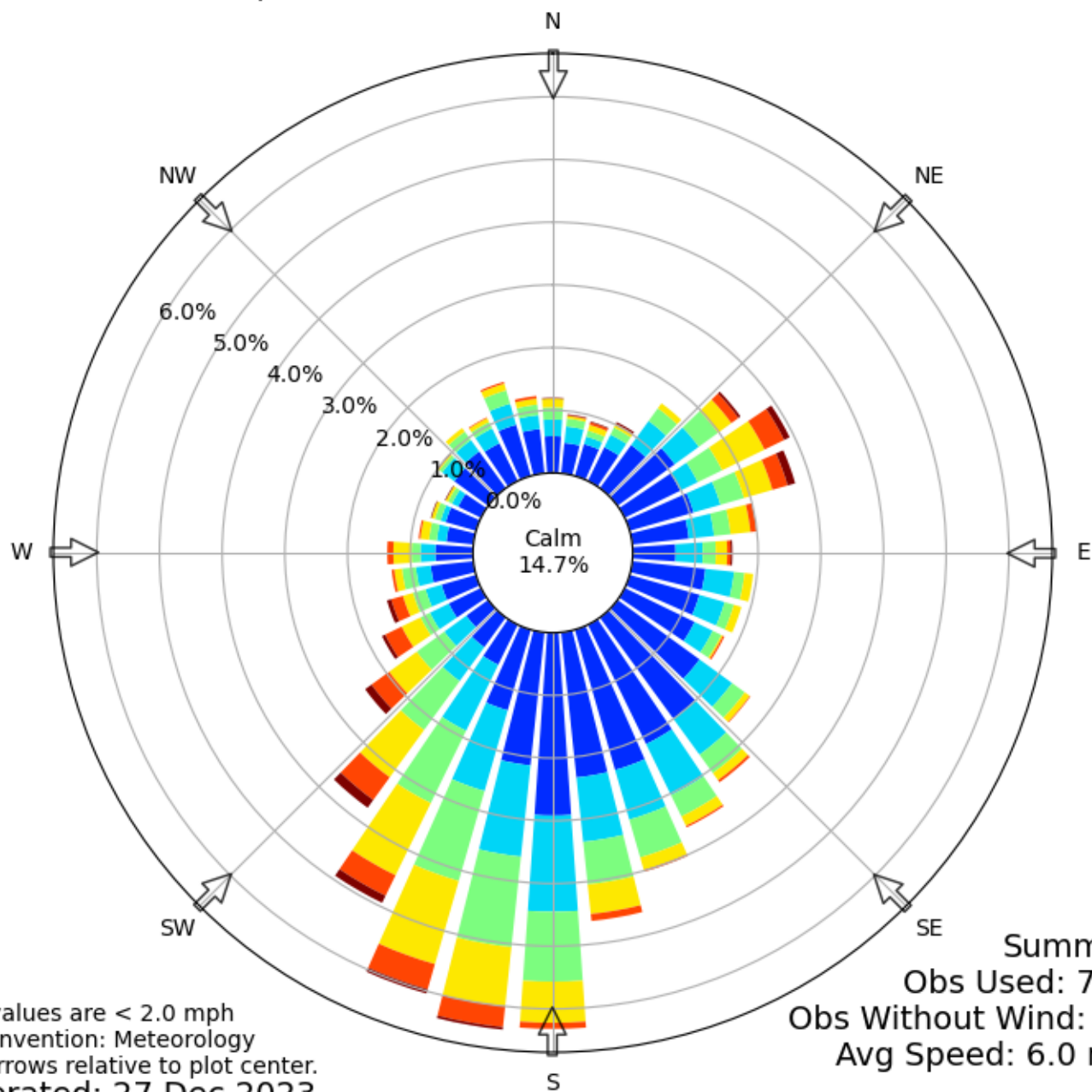
Calm values are < 2.0 mph
Bar Convention: Meteorology
Flow arrows relative to plot center.
Generated: 27 Dec 2023

Summary
Obs Used: 8296
Obs Without Wind: 210
Avg Speed: 6.1 mph



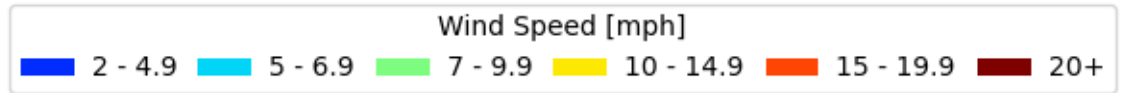


Windrose Plot for [GNGT2] San Gabriel River AT Granger Dam
Obs Between: 01 Apr 2011 08:00 AM - 30 Apr 2023 11:45 PM America/Chicago
↳ constraints: Apr



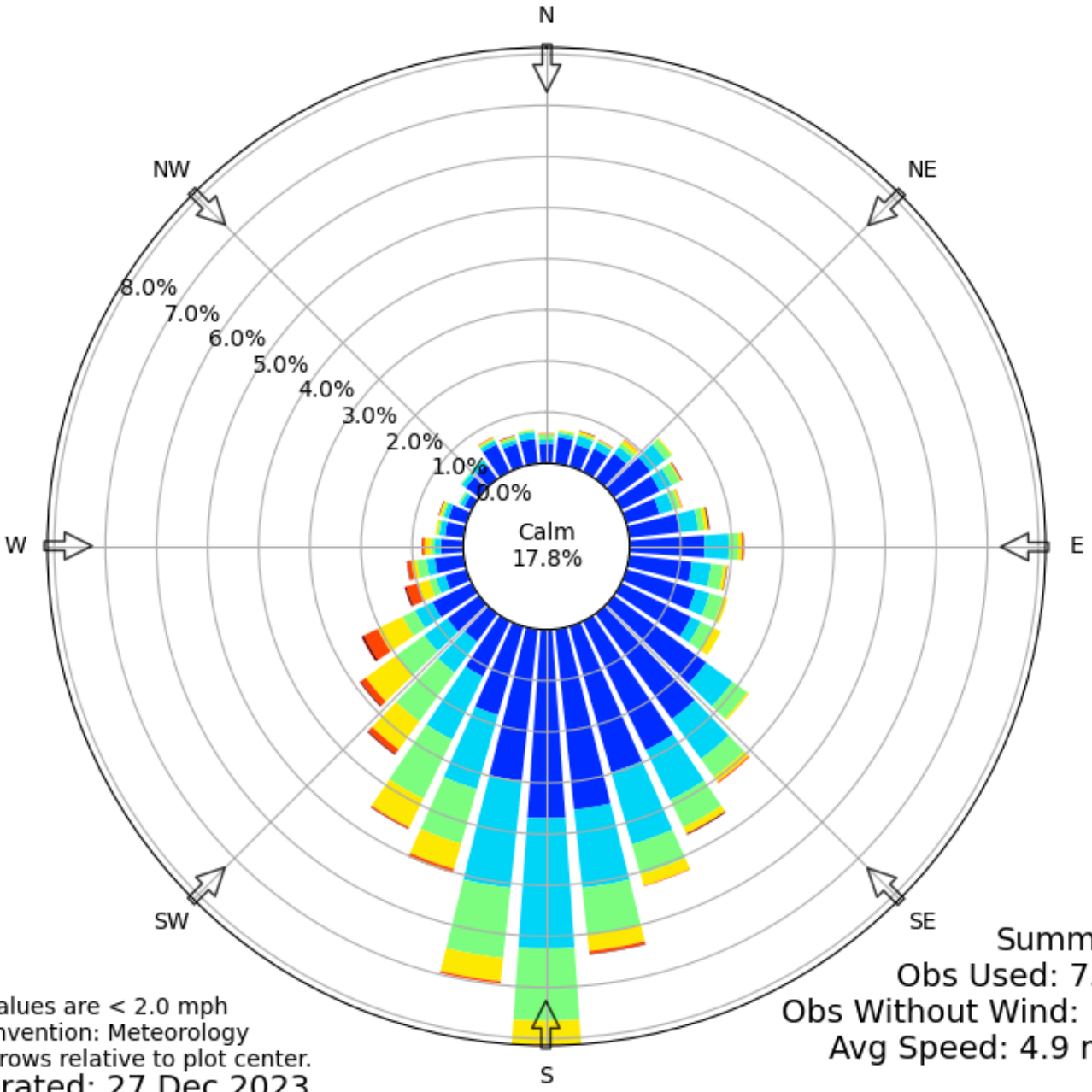
Calm values are < 2.0 mph
Bar Convention: Meteorology
Flow arrows relative to plot center.
Generated: 27 Dec 2023

Summary
Obs Used: 7368
Obs Without Wind: 198
Avg Speed: 6.0 mph



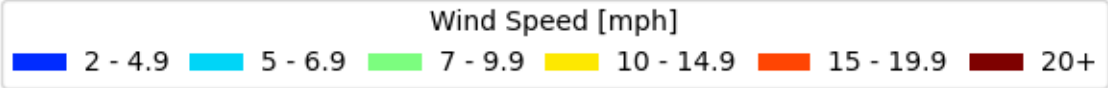


Windrose Plot for [GNGT2] San Gabriel River AT Granger Dam
Obs Between: 01 May 2011 08:00 AM - 31 May 2023 11:45 PM America/Chicago
↳ constraints: May



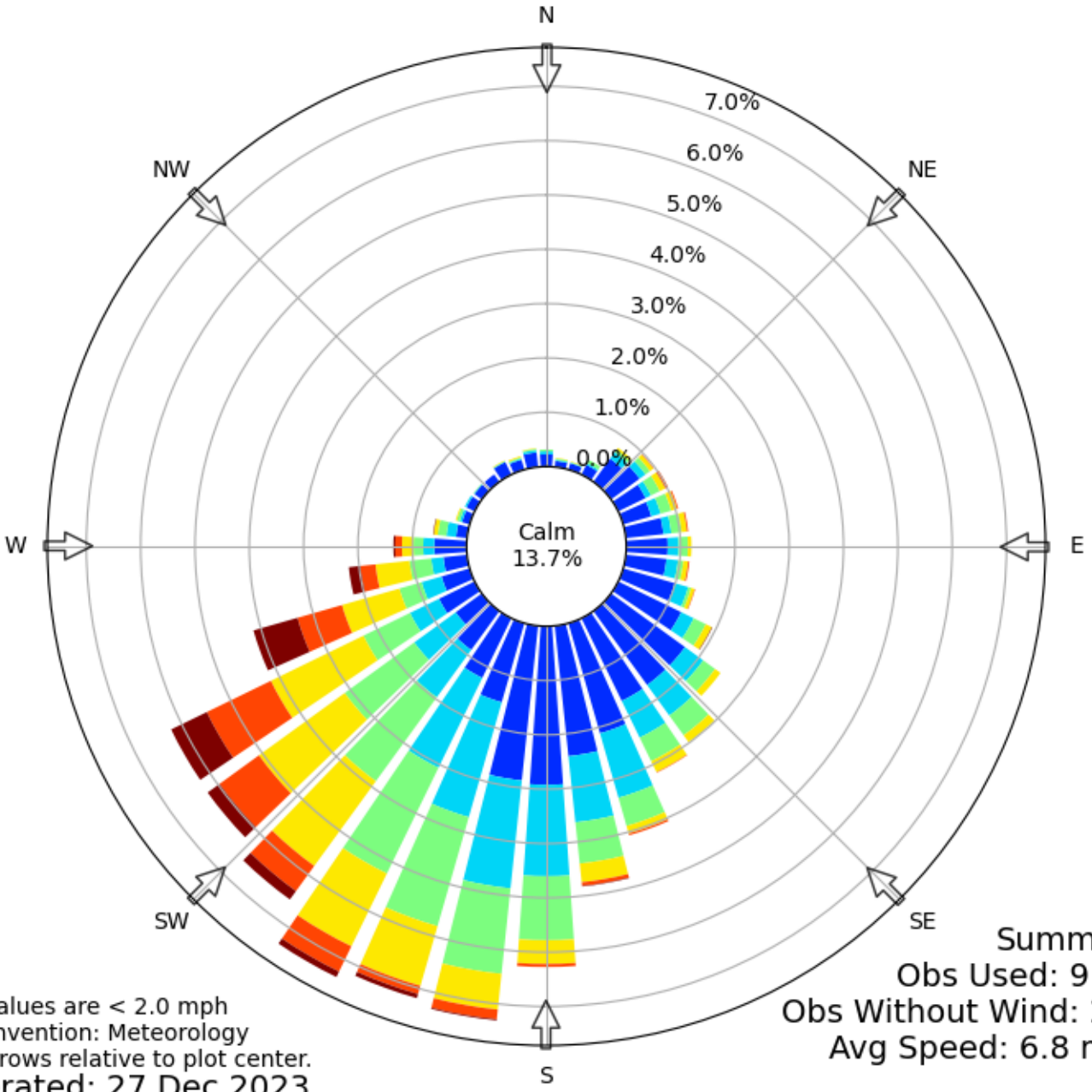
Calm values are < 2.0 mph
Bar Convention: Meteorology
Flow arrows relative to plot center.
Generated: 27 Dec 2023

Summary
Obs Used: 7571
Obs Without Wind: 196
Avg Speed: 4.9 mph



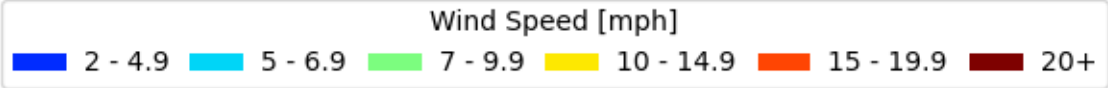


Windrose Plot for [GNGT2] San Gabriel River AT Granger Dam
Obs Between: 01 Jun 2011 08:00 AM - 30 Jun 2023 11:45 PM America/Chicago
↳ constraints: Jun



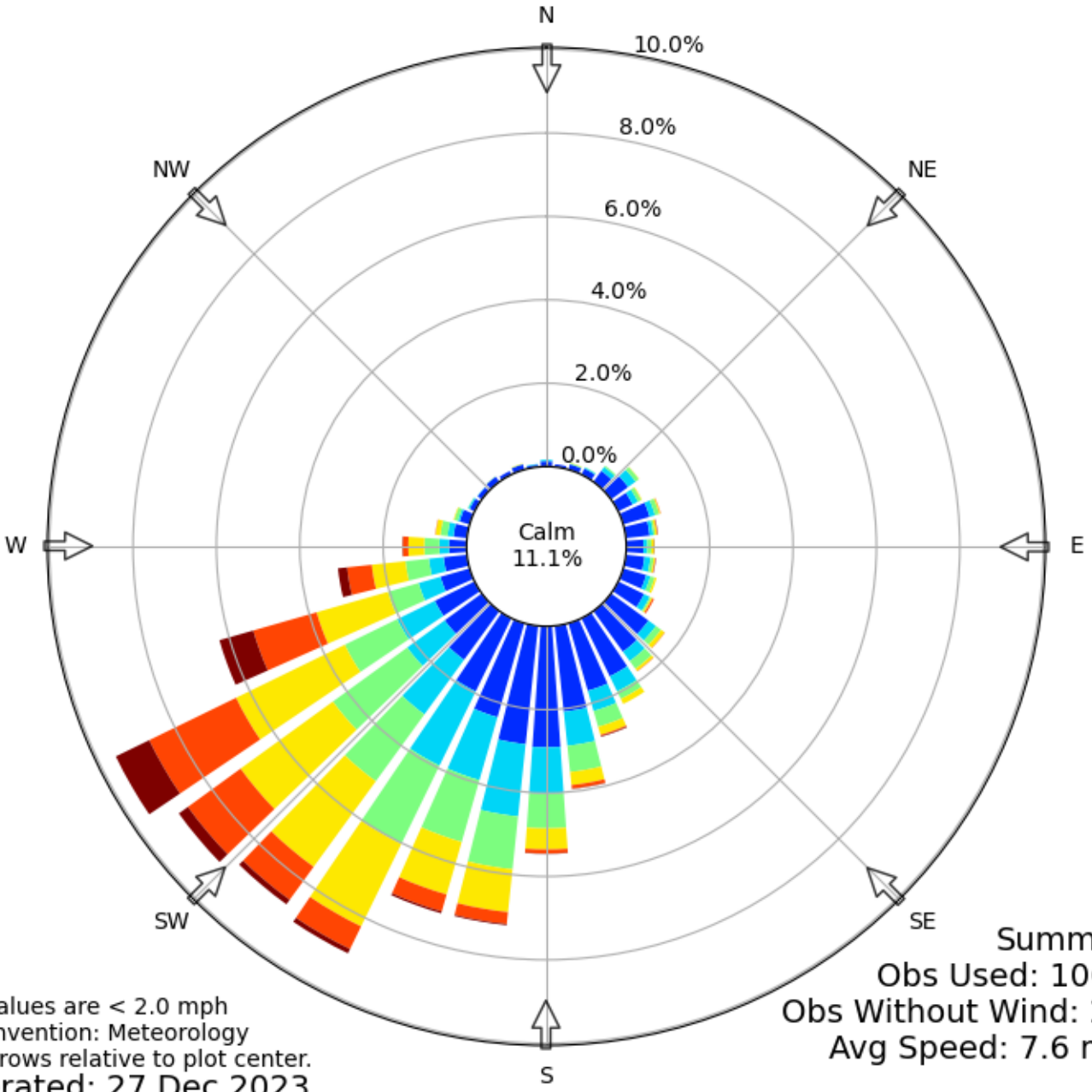
Calm values are < 2.0 mph
Bar Convention: Meteorology
Flow arrows relative to plot center.
Generated: 27 Dec 2023

Summary
Obs Used: 9113
Obs Without Wind: 202
Avg Speed: 6.8 mph



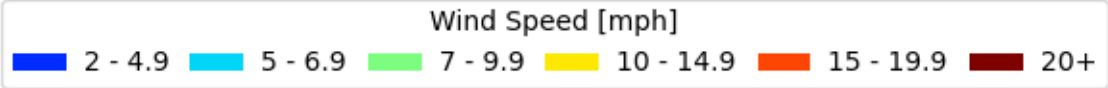


Windrose Plot for [GNGT2] San Gabriel River AT Granger Dam
Obs Between: 01 Jul 2011 08:00 AM - 31 Jul 2023 11:45 PM America/Chicago
↳ constraints: Jul



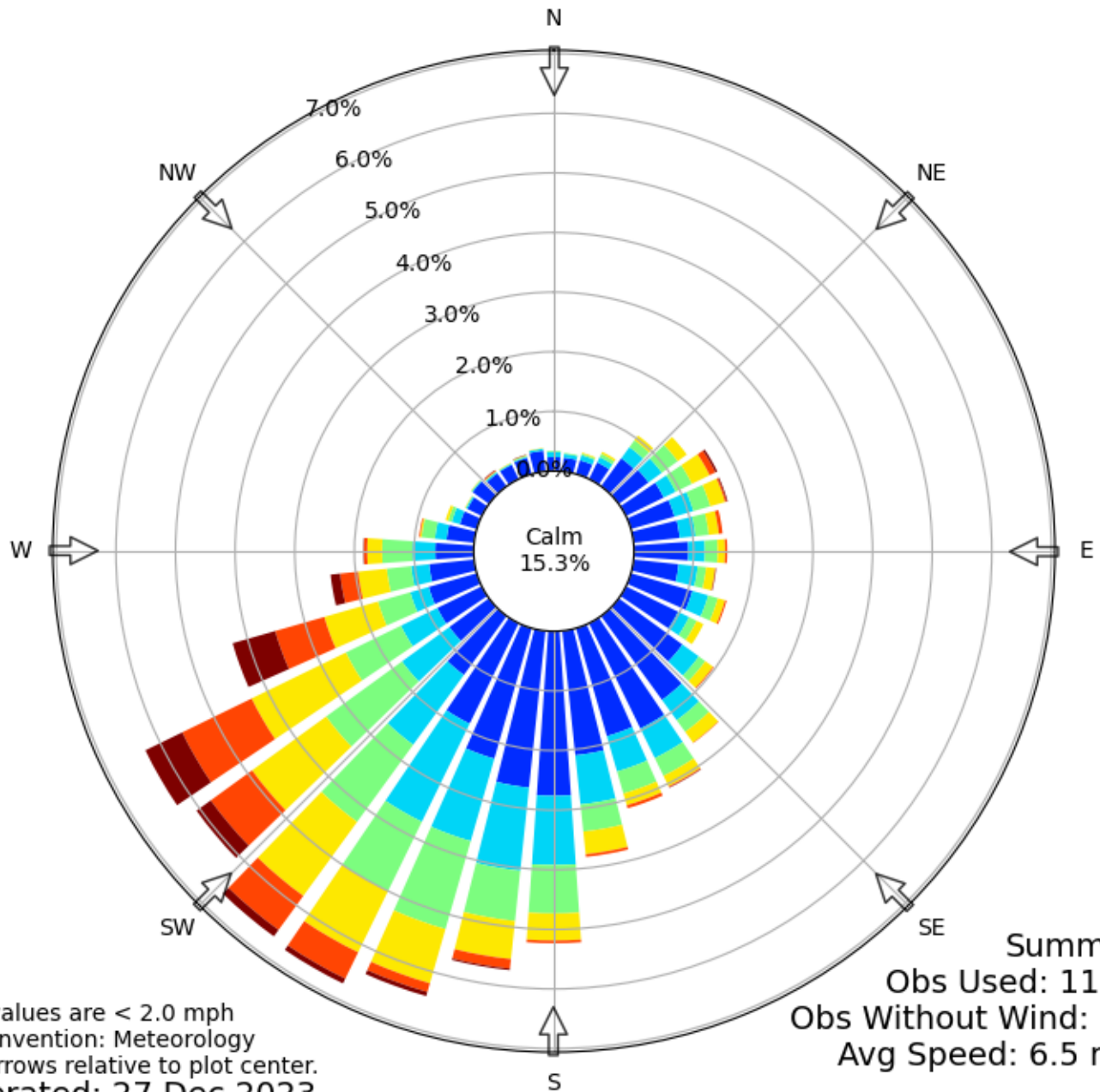
Calm values are < 2.0 mph
Bar Convention: Meteorology
Flow arrows relative to plot center.
Generated: 27 Dec 2023

Summary
Obs Used: 10660
Obs Without Wind: 216
Avg Speed: 7.6 mph





Windrose Plot for [GNGT2] San Gabriel River AT Granger Dam
Obs Between: 01 Aug 2011 08:00 AM - 31 Aug 2023 11:45 PM America/Chicago
↳ constraints: Aug



Calm values are < 2.0 mph
Bar Convention: Meteorology
Flow arrows relative to plot center.
Generated: 27 Dec 2023

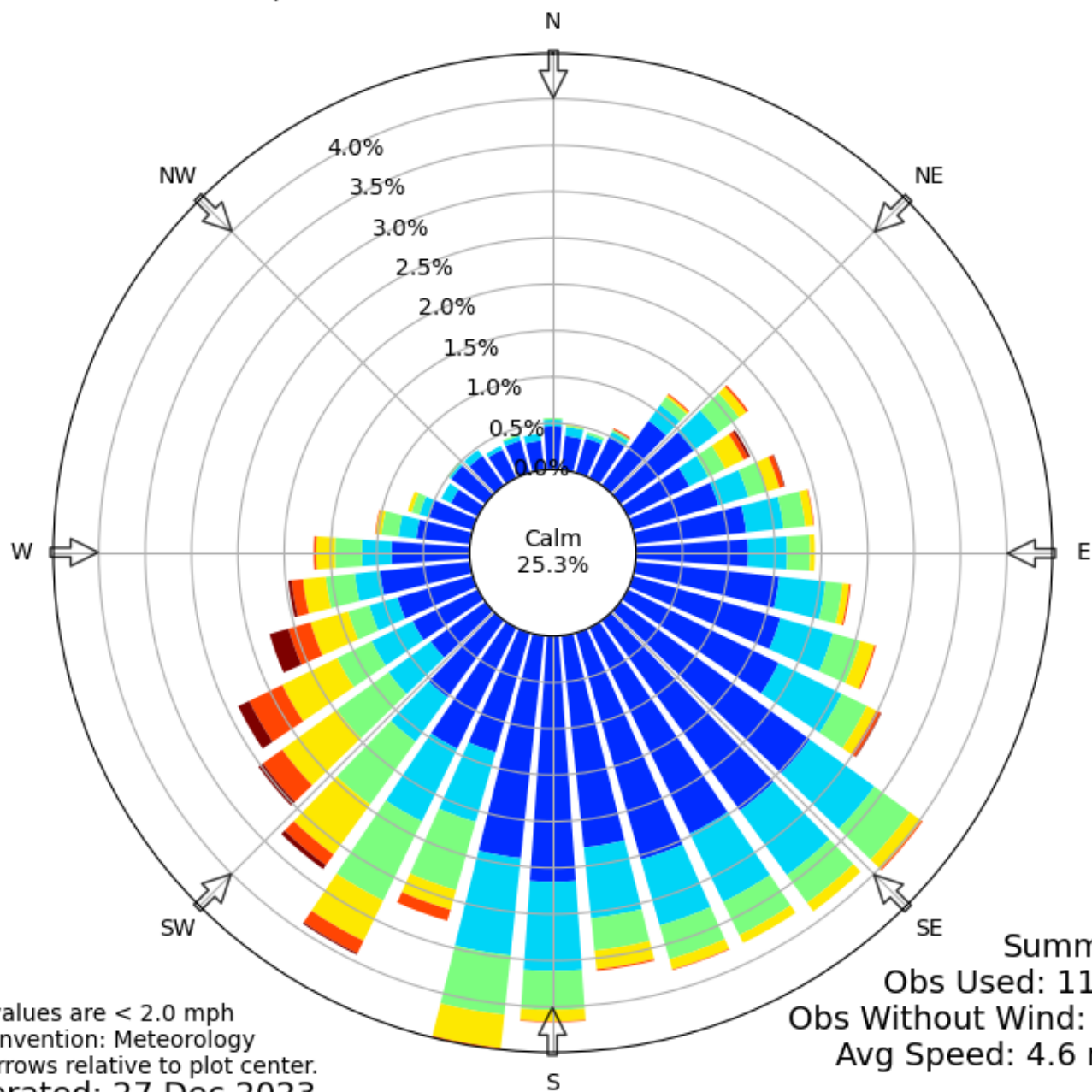
Summary
Obs Used: 11383
Obs Without Wind: 184
Avg Speed: 6.5 mph

Wind Speed [mph]

2 - 4.9 5 - 6.9 7 - 9.9 10 - 14.9 15 - 19.9 20+

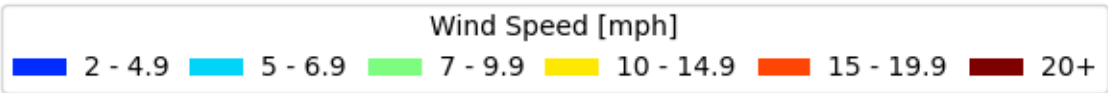


Windrose Plot for [GNGT2] San Gabriel River AT Granger Dam
Obs Between: 01 Sep 2011 08:00 AM - 30 Sep 2023 11:45 PM America/Chicago
↳ constraints: Sep



Calm values are < 2.0 mph
Bar Convention: Meteorology
Flow arrows relative to plot center.
Generated: 27 Dec 2023

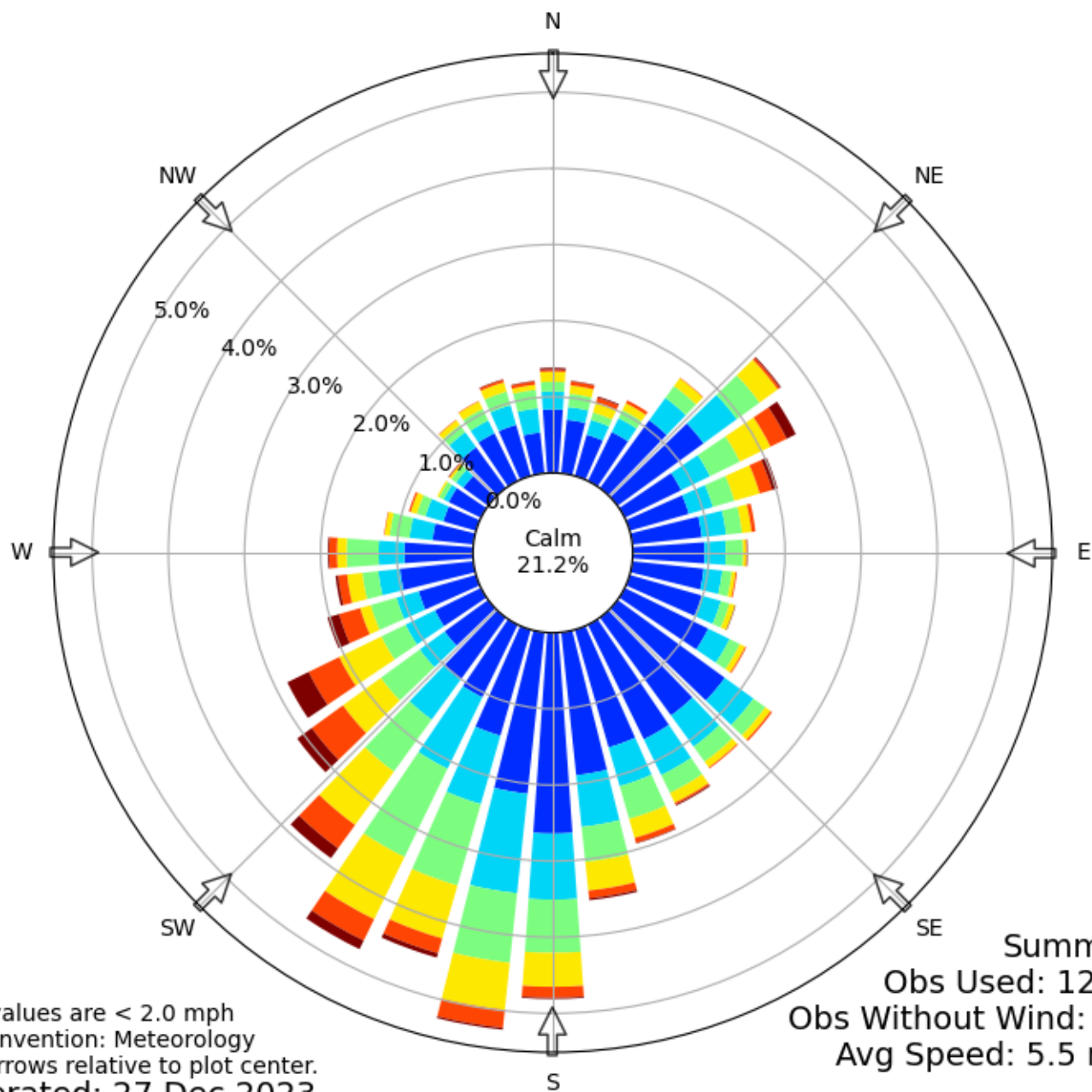
Summary
Obs Used: 11515
Obs Without Wind: 158
Avg Speed: 4.6 mph





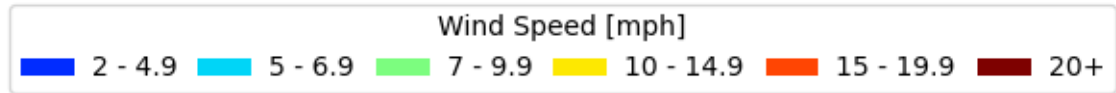
Windrose Plot for [GNGT2] San Gabriel River AT Granger Dam

Obs Between: 01 Oct 2011 08:00 AM - 31 Oct 2023 11:45 PM America/Chicago
↳ constraints: Oct



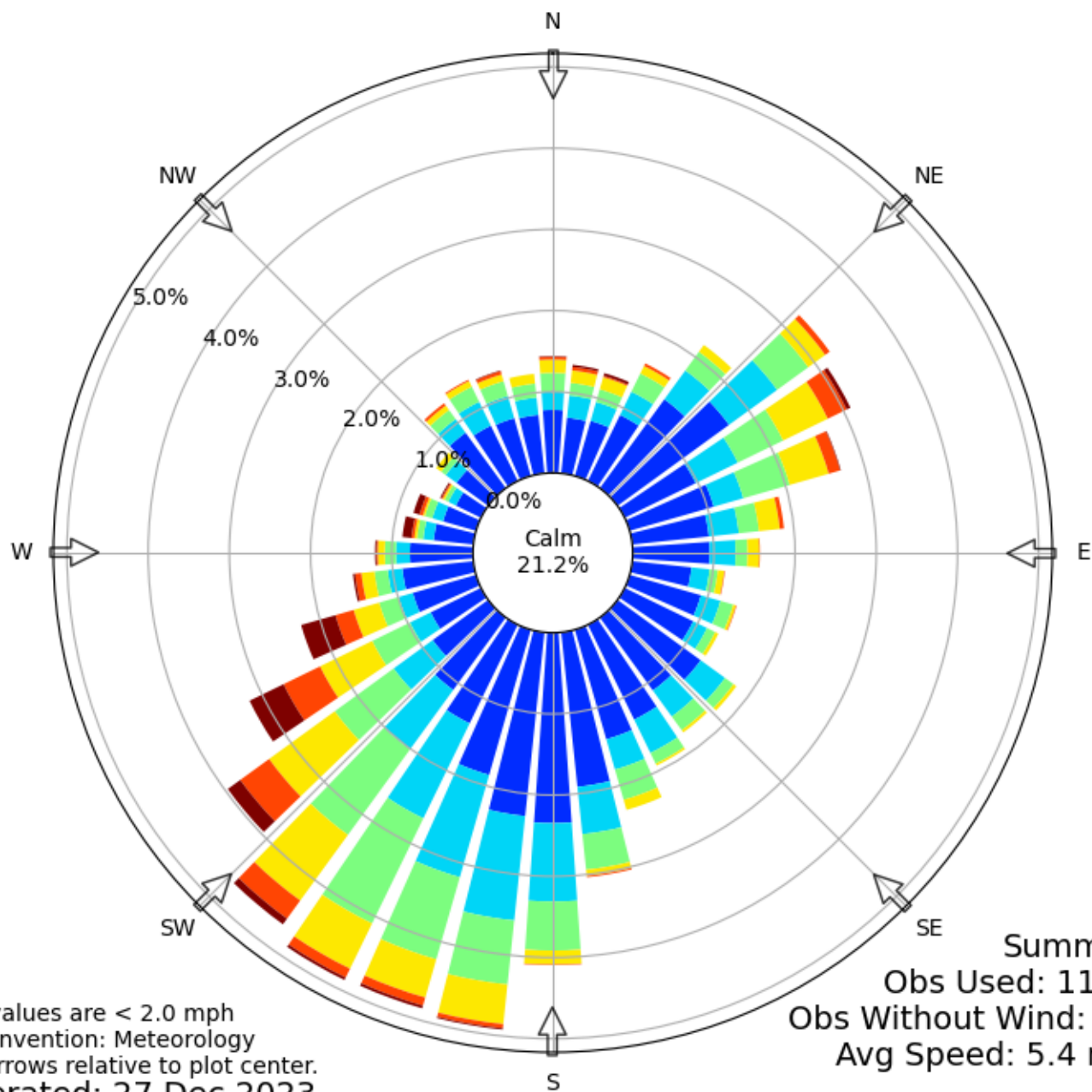
Calm values are < 2.0 mph
Bar Convention: Meteorology
Flow arrows relative to plot center.
Generated: 27 Dec 2023

Summary
Obs Used: 12031
Obs Without Wind: 162
Avg Speed: 5.5 mph



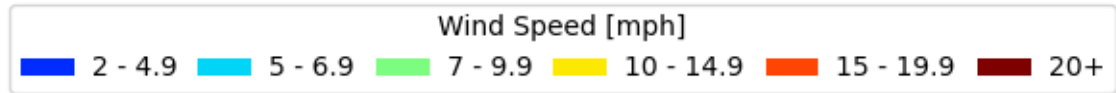


Windrose Plot for [GNGT2] San Gabriel River AT Granger Dam
Obs Between: 01 Nov 2011 08:00 AM - 30 Nov 2023 11:45 PM America/Chicago
↳ constraints: Nov



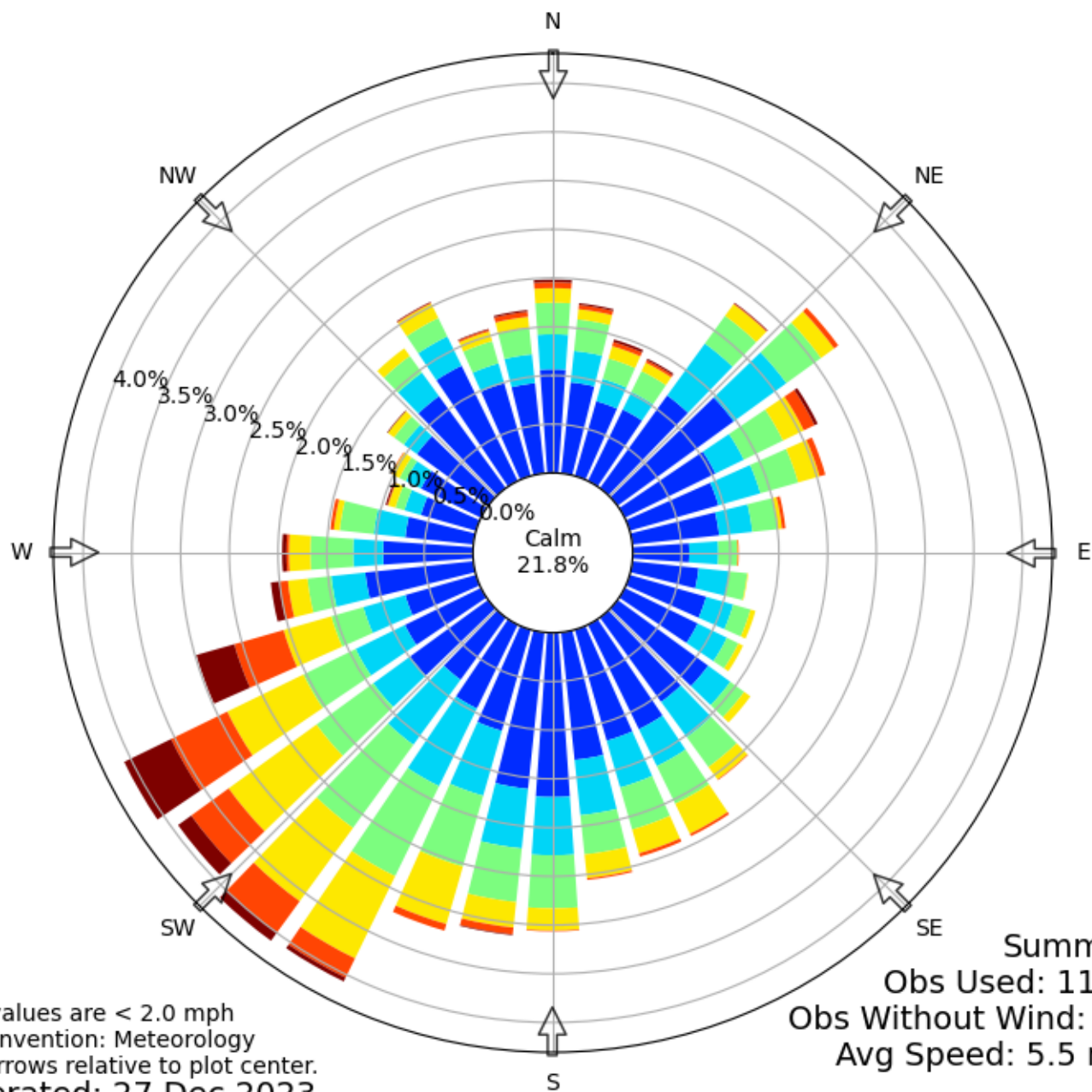
Calm values are < 2.0 mph
Bar Convention: Meteorology
Flow arrows relative to plot center.
Generated: 27 Dec 2023

Summary
Obs Used: 11751
Obs Without Wind: 149
Avg Speed: 5.4 mph



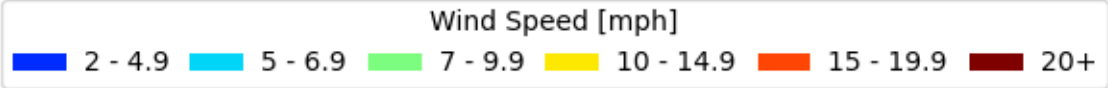


Windrose Plot for [GNGT2] San Gabriel River AT Granger Dam
Obs Between: 08 Dec 2010 08:00 AM - 26 Dec 2023 05:45 PM America/Chicago
↳ constraints: Dec



Calm values are < 2.0 mph
Bar Convention: Meteorology
Flow arrows relative to plot center.
Generated: 27 Dec 2023

Summary
Obs Used: 11554
Obs Without Wind: 166
Avg Speed: 5.5 mph



APPENDIX N

SEWAGE SOLIDS MANAGEMENT PLAN

TAYLOR WWTP

First Phase

| Design Flow <i>gpd</i> | Vol Dig <i>ft³ (gal)</i> | Percentage | Flow <i>gpd</i> | P _x <i>lbs VSS/day</i> | P _{x (ss)} <i>lbs SS/day</i> | Q _{Sldg} <i>gpd</i> | HRT _{Sldg} <i>days</i> |
|---------------------------|--|------------|--------------------|--------------------------------------|--|---------------------------------|------------------------------------|
| 50,000 | 8,000 | 25% | 12,500 | 11 | 14 | 205 | 292 |
| | | 50% | 25,000 | 22 | 27 | 410 | 146 |
| | 59,840 | 75% | 37,500 | 33 | 41 | 614 | 97 |
| | | 100% | 50,000 | 44 | 55 | 819 | 73 |

Interim Phase

| Design Flow <i>gpd</i> | Vol Dig <i>ft³ (gal)</i> | Percentage | Flow <i>gpd</i> | P _x <i>lbs VSS/day</i> | P _{x (ss)} <i>lbs SS/day</i> | Q _{Sldg} <i>gpd</i> | HRT _{Sldg} <i>days</i> |
|---------------------------|--|------------|--------------------|--------------------------------------|--|---------------------------------|------------------------------------|
| 100,000 | 16,000 | 25% | 25,000 | 22 | 27 | 410 | 146 |
| | | 50% | 50,000 | 44 | 55 | 819 | 73 |
| | 119,680 | 75% | 75,000 | 66 | 82 | 1,229 | 49 |
| | | 100% | 100,000 | 87 | 109 | 1,639 | 37 |

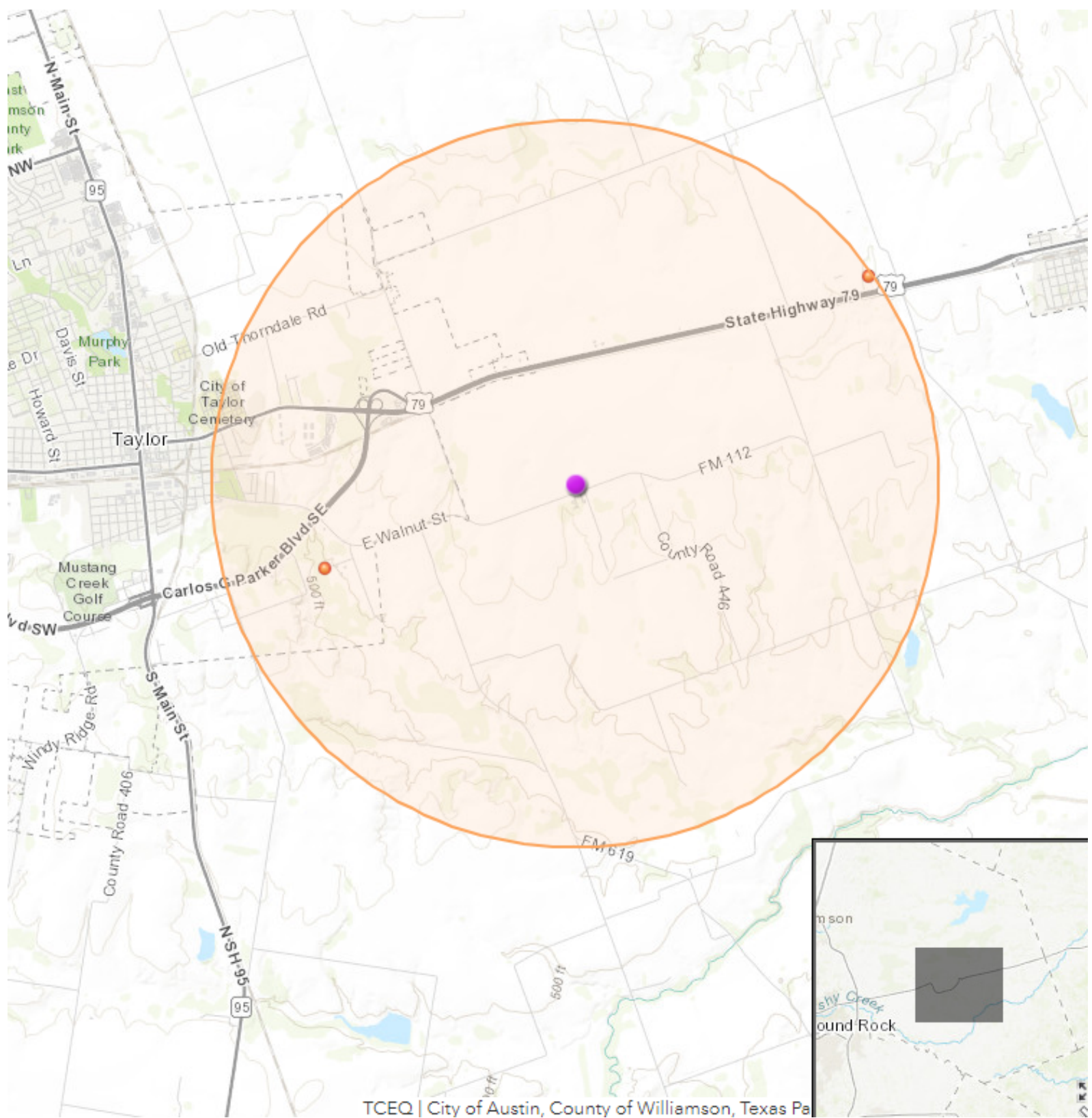
Final Phase

| Design Flow <i>gpd</i> | Vol Dig <i>ft³ (gal)</i> | Percentage | Flow <i>gpd</i> | P _x <i>lbs VSS/day</i> | P _{x (ss)} <i>lbs SS/day</i> | Q _{Sldg} <i>gpd</i> | HRT _{Sldg} <i>days</i> |
|---------------------------|--|------------|--------------------|--------------------------------------|--|---------------------------------|------------------------------------|
| 150,000 | 24,000 | 25% | 37,500 | 33 | 41 | 614 | 97 |
| | | 50% | 75,000 | 66 | 82 | 1,229 | 49 |
| | 179,520 | 75% | 112,500 | 98 | 123 | 1,843 | 32 |
| | | 100% | 150,000 | 131 | 164 | 2,458 | 24 |

Sludge will be wasted from the clarifier underflow to the digester. Sludge will stay in the digester with the decant returned to the headworks of the plant. Sludge will be removed from the digester on a schedule approximate to the HRT of the digester. The liquid sludge will be hauled by truck to the City of Taylor's Wastewater Treatment Plant for further treatment.

APPENDIX O
NEARBY WWTP AND LETTERS

NEARBY WWTP WITHIN 3 MILE RADIUS - TAYLOR, TX





512.439.4700
TBPELS F-1386
TBPELS 10110501
www.LJA.com

7500 Rialto Boulevard, Building II, Suite 100, Austin, Texas 78735

May 29, 2024

The City of Thrall
PO Box 346
Thrall, TX 76578-0346

We are working on a TPDES Permit application for a neighboring mixed-use development. Your existing wastewater treatment permit 16391-001 is within a 3-mile radius of the development's proposed outfall. The proposed development is anticipated to have an average daily flow of 0.150 MGD.

Do you have capacity to potentially serve the development?

Yes _____

No _____

Signature

Date

Sincerely,

Lauren Crone, P.E.
Sr. Project Manager
LJA Engineering, Inc.
7500 Rialto Blvd, Bldg II, Suite 100
Austin, TX 78735
P: (512) 439-4700
D: (512) 439-4737
lcrone@lja.com



512.439.4700
TBPELS F-1386
TBPELS 10110501
www.LJA.com

7500 Rialto Boulevard, Building II, Suite 100, Austin, Texas 78735

May 9, 2024

The City of Thrall
104 Main St,
Thrall, TX 76578

We are working on a TPDES Permit application for a neighboring mixed-use development. Your existing wastewater treatment permit 16391-001 is within a 3-mile radius of the development's proposed outfall. The proposed development is anticipated to have an average daily flow of 0.15 MGD.

Do you have capacity to potentially serve the development?

Yes _____

No _____

Signature

Date

Sincerely,

Lauren Crone, P.E.
Sr. Project Manager
LJA Engineering, Inc.
7500 Rialto Blvd, Bldg II, Suite 100
Austin, TX 78735
P: (512) 439-4700
D: (512) 439-4737
lcrone@lja.com

U.S. Postal Service
Certified Mail Receipt

OUTBOUND TRACKING NUMBER
9414 7118 9956 4481 6709 48

RETURN RECEIPT TRACKING NUMBER
9490 9118 9956 4481 6709 80

ARTICLE ADDRESS TO:

The City of Taylor
400 Porter St
Taylor TX 76574-3600

FEES

| | |
|----------------------------------|----------------|
| Postage per piece | \$0.640 |
| Certified Fee | \$4.400 |
| Return Receipt Fee | \$3.650 |
| Total Postage & Fees: | \$8.690 |

MAY 28 2024

Postmark
Here

TX 78749-9998

U.S. Postal Service
Certified Mail Receipt

OUTBOUND TRACKING NUMBER
9414 7118 9956 4481 6989 97

RETURN RECEIPT TRACKING NUMBER
9490 9118 9956 4481 6989 46

ARTICLE ADDRESS TO:

The City of Thrall
PO Box 346
Thrall TX 76578-0346

FEES

| | |
|----------------------------------|----------------|
| Postage per piece | \$0.640 |
| Certified Fee | \$4.400 |
| Return Receipt Fee | \$3.650 |
| Total Postage & Fees: | \$8.690 |

MAY 28 2024

Postmark
Here

TX 78749-9998

APPENDIX P

REGIONALIZATION AND COST DISCUSSION

NMCV TAYLOR PROPERTY INVESTORS LLC WWTP REGIONALIZATION & COST ANALYSIS SUMMARY

The proposed NMCV Taylor Property Investors, LLC 487 acre Taylor Tract lies within Williamson County, east of the City of Taylor. The development will have approximately 612 equivalent single family connections consisting of various commercial uses, along with area for rights of way and utilities. While the property is located within 3 miles of the City of Taylor's Wastewater Treatment Plant (Permit WQ0010299-001) and within 3 miles of the City's collection system, it is not within its current CCN. Under the Legislature's authorization in TWC Sec. 13.254, the landowner has chosen another utility to provide service. Taylor's provision of service is uneconomical - see attached cost comparison showing that the initial construction cost for the off-site line is significantly higher than on-site facilities.

Connection to the Taylor Wastewater System using the lower cost alternative (cross country) would cost an estimated \$5.5 million. This connection includes all offsite line extensions, easement acquisition and impact fees from the City of Taylor for connection. The City has indicated it is not interested in funding any portion of the line costs, or offsetting impact fees.

The proposed alternative is to construct an on-site wastewater treatment system to serve the entire subdivision. The on-site wastewater system would cost an estimated \$4.6 million and would include a 150,000 GPD wastewater treatment plant and a lift station on the property. Internal wastewater facilities would be the same cost for both alternatives and therefore are not included in the construction costs.

Construction of an on-site wastewater system is not only more feasible but is also a more cost-effective way of providing wastewater service to the proposed subdivision. Furthermore, acquisition of easements for the offsite main adds uncertainty to the schedule and cost of construction.



Engineering, Inc.

Engineer's Estimate of Preliminary Cost

Project Mgr: Daniel Ryan, P.E.
Project Engr: LJA Engineering, Inc. TBPE F-1386
Project: FM 112 Tract - WWTP

| Major Wastewater Improvements | | | | | |
|--------------------------------|-----|----|--|---------------------------------------|---------------------|
| 1 | 250 | LF | 6" Yelomine Force Main (to WWTP) - Phase 1 | \$60.00 | \$ 15,000.00 |
| 2 | 1 | LS | 500 gpm Influent Lift Station | \$600,000.00 | \$ 600,000.00 |
| 3 | 1 | LS | WWTP 150,000 GPD (Equipment incl Filter) | \$1,750,000.00 | \$ 1,750,000.00 |
| 4 | 1 | LS | WWTP Electrical & Instrumentation | \$500,000.00 | \$ 500,000.00 |
| 5 | 1 | LS | WWTP Site Prep & Access Drive | \$500,000.00 | \$ 500,000.00 |
| 6 | 1 | LS | WWTP Site Yard Piping | \$300,000.00 | \$ 300,000.00 |
| 7 | 200 | LF | 12" Effluent Discharge Line - Phase 1 | \$100.00 | \$ 20,000.00 |
| WASTEWATER IMPROVEMENTS | | | | \$ | 3,685,000.00 |
| | | | | | |
| | | | | Contingency @ 10% | \$ 368,500.00 |
| | | | | Engineering, Surveying, Testing @ 15% | \$ 552,750.00 |
| TOTAL WW IMPROVEMENTS | | | | \$ | 4,606,250.00 |



Engineering, Inc.

Engineer's Estimate of Preliminary Cost

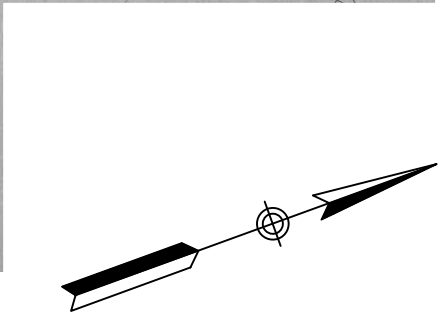
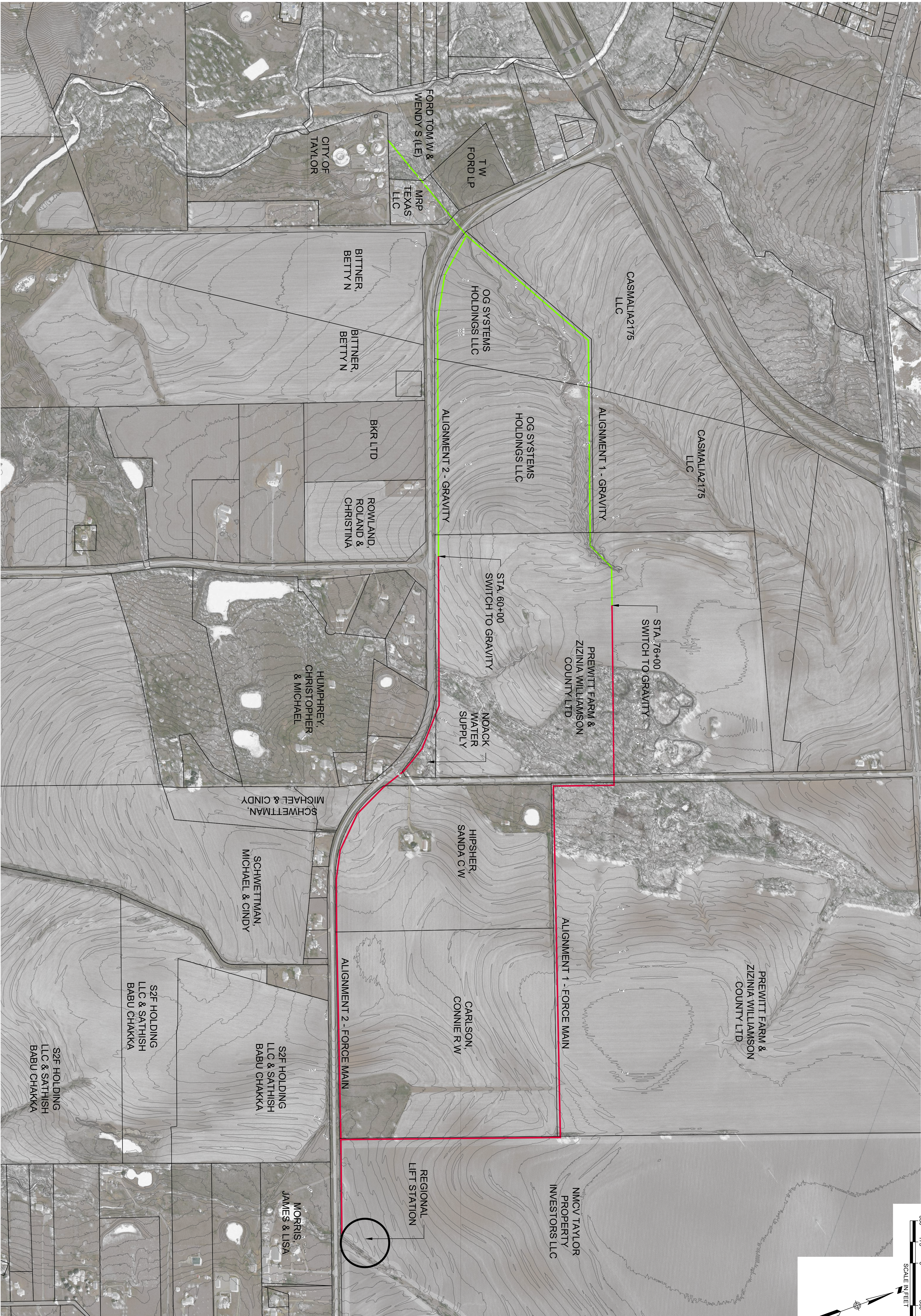
Project: FM 112 TRACT
Client: NMCV Taylor Property Investors
Date: 5/22/2024
By: D. Ryan

| WASTEWATER IMPROVEMENTS OPTION #1 - CROSS COUNTRY | | Unit | Cost/Unit | Quantity | Cost |
|---|-------------------------------|------|----------------|-----------------|-----------------------|
| WW-1 | 500 gpm Regional Lift Station | L.S. | \$1,250,000.00 | 1 | \$1,250,000.00 |
| WW-2 | 6" Force Main | L.F. | \$100.00 | 7,460 | \$746,000.00 |
| WW-4 | 16" Steel Encasement Pipe | L.F. | \$300.00 | 100 | \$30,000.00 |
| WW-5 | Bore for 16" Encasement | L.F. | \$350.00 | 70 | \$24,500.00 |
| WW-6 | C.A.R.V.V. | EA. | \$7,500.00 | 3 | \$22,500.00 |
| WW-7 | 12" Gravity Line, 0'-8' deep | L.F. | \$125.00 | 4,261 | \$532,625.00 |
| WW-8 | 12" Gravity Line, 8'-10' deep | L.F. | \$150.00 | 350 | \$52,500.00 |
| WW-9 | 4' Diameter Manhole | EA. | \$7,500.00 | 12 | \$90,000.00 |
| WW-11 | Raise Manhole Castings | EA. | \$500.00 | 12 | \$6,000.00 |
| WW-12 | Trench Safety System | L.F. | \$1.00 | 12,071 | \$12,071.00 |
| WW-13 | Revegetation | S.Y. | \$5.00 | 26,824 | \$134,122.22 |
| | | | | Subtotal | \$2,900,318.22 |

| | |
|--|-----------------------|
| Contingency @10% | \$290,031.82 |
| Engineering, Surveying, Testing @ 15% | \$435,047.73 |
| Easement Acquisition (11,750 LF x 20' x \$30,000 per AC) | \$161,845.73 |
| Impact Fees (612 ESFC @ 2,799 each) | \$1,712,988.00 |
| Total | \$5,500,231.51 |

| WASTEWATER IMPROVEMENTS OPTION #2 - ALONG FM 112 | | Unit | Cost/Unit | Quantity | Cost |
|--|-------------------------------|------|----------------|-----------------|-----------------------|
| WW-1 | 500 gpm Regional Lift Station | L.S. | \$1,250,000.00 | 1 | \$1,250,000.00 |
| WW-2 | 6" Force Main | L.F. | \$150.00 | 7,500 | \$1,125,000.00 |
| WW-4 | 16" Steel Encasement Pipe | L.F. | \$300.00 | 250 | \$75,000.00 |
| WW-5 | Bore for 16" Encasement | L.F. | \$350.00 | 70 | \$24,500.00 |
| WW-6 | C.A.R.V.V. | EA. | \$7,500.00 | 3 | \$22,500.00 |
| WW-7 | 12" Gravity Line, 0'-8' deep | L.F. | \$200.00 | 1,678 | \$335,600.00 |
| WW-8 | 12" Gravity Line, 8'-10' deep | L.F. | \$250.00 | 350 | \$87,500.00 |
| WW-9 | 4' Diameter Manhole | EA. | \$7,500.00 | 9 | \$67,500.00 |
| WW-11 | Raise Manhole Castings | EA. | \$500.00 | 9 | \$4,500.00 |
| WW-12 | Traffic Control | LS | \$100,000.00 | 1 | \$100,000.00 |
| WW-13 | Trench Safety System | L.F. | \$1.00 | 9,528 | \$9,528.00 |
| WW-14 | Revegetation | S.Y. | \$5.00 | 21,173 | \$105,866.67 |
| | | | | Subtotal | \$3,207,494.67 |

| | |
|---------------------------------------|-----------------------|
| Contingency @10% | \$320,749.47 |
| Engineering, Surveying, Testing @ 15% | \$481,124.20 |
| Impact Fees (612 ESFC @ 2,799 each) | \$1,712,988.00 |
| Total | \$5,722,356.33 |



OVERALL LAYOUT

FM 112 TRACT
WILLIAMSON COUNTY, TX

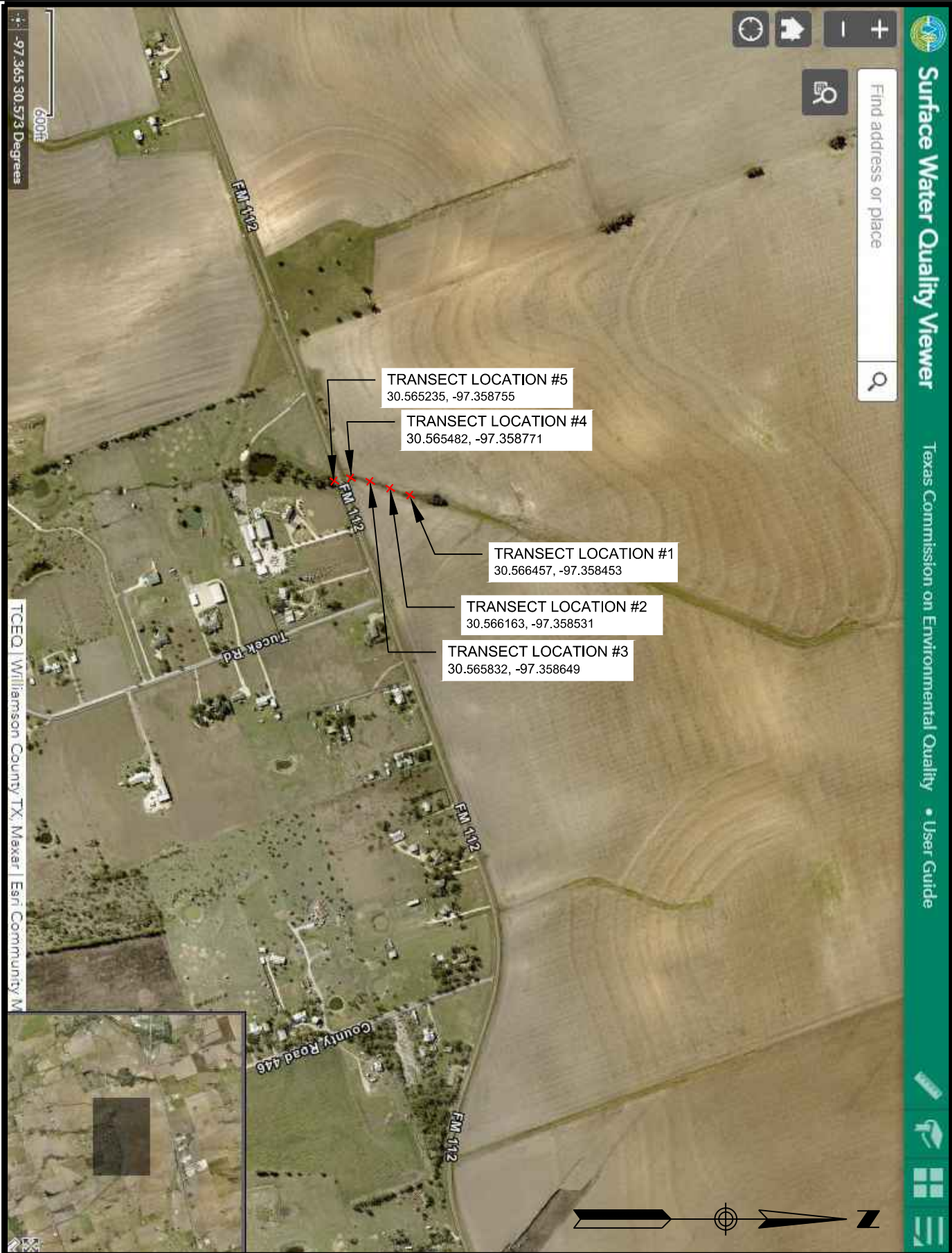
LJA Engineering, Inc.
1100 NE Loop 410
Suite 850
San Antonio, Texas 78209
Phone 210.503.2700
Fax 210.503.2749
FRN - F-1386

SHEET NO.

1

APPENDIX Q

TRANSECT LOCATION MAP



LJA Engineering, Inc.

7500 Rialto Boulevard
Building II, Suite 100
Austin, Texas 78735

Phone 512.439.4700
Fax 512.439.4716
FRN - F-1386



487 TAYLOR TRACT WWTP

NMCV TAYLOR PROPERTY INVESTORS, LLC

WORKSHEET 2.1
TRANSECT LOCATION MAP