



Administrative Package Cover Page

This file contains the following documents:

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



Portada de Paquete Administrativo

Este archivo contiene los siguientes documentos:

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

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.

Fort Bend County Municipal Utility District No. 190 (CN605444967) operates the FBCMUD 190 wastewater treatment plant (RN105195648), an activated sludge process plant operated in the complete mix mode. The facility is located approximately 1.0 mile south of the intersection of Clodine Road and Farm-to-Market Road 1093, in Fort Bend County, Texas 77407.

This application is for a renewal to discharge at a daily average flow of 600,000 gallons per day of treated domestic wastewater.

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. Pollutant Analysis of Treated Effluent and Domestic Worksheet 4.0 in the permit application package. Domestic wastewater is treated by an activated sludge process plant and the treatment units include a bar screen, aeration basins, final clarifiers, sludge digesters, chlorine contact chambers and a dechlorination chamber.



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

El Distrito Municipal de Servicios Públicos del Condado de Fort Bend no. 190 (CN605444967) opera la planta de tratamiento de aguas residuales FBCMUD 190 (RN105195648), una planta de procesamiento de lodos activados que opera en modo de mezcla completa. La instalación se encuentra aproximadamente a 1.0 millas al sur de la intersección de Clodine Road y Farm-to-Market Road 1093, en el Condado de Fort Bend, Texas 77407.

Esta solicitud es para una renovación para descargar un flujo promedio diario de 600,000 galones por día de aguas residuales domésticas tratadas.

Se espera que las descargas de la instalación contengan la demanda bioquímica de oxígeno carbonoso de cinco días (CBOD₅), sólidos suspendidos totales (TSS), nitrógeno amoniacal (NH₃-N) y *Escherichia coli*. Se incluyen otros contaminantes potenciales en el Informe Técnico Doméstico 1.0, Sección 7. Análisis de Contaminantes del Efluente Tratado, y en la Hoja de Trabajo Doméstica 4.0 de la solicitud de permiso. Las aguas residuales domésticas se tratan mediante una planta de lodos activados, cuyas unidades de tratamiento incluyen un tamiz de barras, tanques de aireación, clarificadores finales, digestores de lodos, cámaras de contacto con cloro y una cámara de decloración.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



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

PERMIT NO. WQ0014793001

APPLICATION. Fort Bend County Municipal Utility District No. 190, 3200 Southwest Freeway, Suite 2600, Houston, Texas 77027, has applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0014793001 (EPA I.D. No. TX0129518) to authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 600,000 gallons per day. The domestic wastewater treatment facility is located approximately 1.0 miles south of the intersection of Clodine Road and Farm-to-Market Road 1093, in the city of Richmond, in Fort Bend County, Texas 77407. The discharge route is from the plant site to an unnamed drainage ditch (1), thence to detention ponds, thence to an unnamed drainage ditch (2), thence to Long Point Slough, thence to Clodine Ditch, thence to Buffalo Bayou Above Tidal. TCEQ received this application on October 1, 2025. The permit application will be available for viewing and copying at Mission Bend Branch Library, 8421 Addicks Clodine Road, Houston, Texas prior to the date this notice is published in the newspaper. The application, including any updates, and associated notices are available electronically at the following webpage:

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

<https://gisweb.tceq.texas.gov/LocationMapper/?marker=-95.701944,29.693611&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.**

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

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

INFORMATION AVAILABLE ONLINE. For details about the status of the application, visit the Commissioners' Integrated Database at www.tceq.texas.gov/goto/cid. 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 Fort Bend County Municipal Utility District No. 190 at the address stated above or by calling Mr. Jonathan Nguyen, Permitting Specialist, Quiddity Engineering, at 512-685-5156.

Issuance Date: October 20, 2025

Comisión de Calidad Ambiental del Estado de Texas



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

PERMISO NO. WQ0014793001

SOLICITUD. Distrito Municipal de Servicios Públicos del Condado de Fort Bend no. 190, 3200 Southwest Freeway, Suite 2600, Houston, Texas 77027 ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para renovar el Permiso No. WQ0014793001 (EPA I.D. No. TX0129518) del Sistema de Eliminación de Descargas de Contaminantes de Texas (TPDES) para autorizar la descarga de aguas residuales tratadas en un volumen que no sobrepasa un flujo promedio diario de 600,000 galones por día. La planta está ubicada aproximadamente 1.0 al sur de la intersección de Clodine Road y Farm-to-Market Road 1093, en la ciudad de Richmond, en el condado de Fort Bend, Texas 77407. La ruta de descarga es del sitio de la planta a una zanja de drenaje sin nombre (1), de allí a los estanques de detención, de allí a una zanja de drenaje sin nombre (2), de allí a Long Point Slough, de allí a Clodine Ditch, de allí a Buffalo Bayou Above Tidal. La TCEQ recibió esta solicitud el 1 de Octubre de 2025. La solicitud para el permiso estará disponible para leerla y copiarla en Biblioteca sucursal de Mission Bend, 8421 Addicks Clodine Road, Houston, Texas antes de la fecha de publicación de este aviso en el periódico. La solicitud (cualquier actualización y aviso inclusive) está disponible electrónicamente en la siguiente página web:

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

Este enlace a un mapa electrónico de la ubicación general del sitio o de la instalación es proporcionado como una cortesía y no es parte de la solicitud o del aviso. Para la ubicación exacta, consulte la solicitud.

<https://gisweb.tceq.texas.gov/LocationMapper/?marker=-95.701944,29.693611&level=18>

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

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

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

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

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

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

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

LISTA DE CORREO. Si somete comentarios públicos, un pedido para una audiencia administrativa de lo contencioso o una reconsideración de la decisión del Director Ejecutivo, la Oficina del Secretario Principal enviará por correo los avisos públicos en relación con la solicitud. Además, puede pedir que la TCEQ ponga su nombre en una o más de las listas correos siguientes (1) la lista de correo permanente para recibir los avisos del 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.

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

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

También se puede obtener información adicional del Distrito Municipal de Servicios Públicos del Condado de Fort Bend no. 190 a la dirección indicada arriba o llamando a Sr. Jonathan Nguyen, Quiddity Engineering, al (512) 685-5156.

Fecha de emisión: 20 de octubre de 2025

Brooke T. Paup, *Chairwoman*
Catarina R. Gonzales, *Commissioner*
Tonya R. Miller, *Commissioner*
Kelly Keel, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

October 1, 2025

Dear Applicant:

Re: Confirmation of Submission of the Domestic Wastewater Individual Permit
Renewal Application

This is an acknowledgment that you have successfully completed the
Industrial Wastewater Individual Permit Application.

ER Account Number: ER094863

Application Reference Number: 820347

Authorization Number: WQ0014793001

Site Name: Fort Bend County MUD 190 WWTP

Regulated Entity: RN105195648

Customer(s): Fort Bend County Municipal Utility District No. 190

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

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

Sincerely,

Applications Review and Processing Team
Water Quality Division

Texas Commission on Environmental Quality

Update Domestic or Industrial Individual Permit

WQ0014793001

Site Information (Regulated Entity)

What is the name of the site to be authorized?	FORT BEND COUNTY MUD 190 WWTP
Does the site have a physical address?	No
Because there is no physical address, describe how to locate this site:	LOCATED ON N SIDE OF 18200 BLOCK OF RAVEN ROCK LN APPROX 0.8 MI W AND 1.0 MI S OF INTERX OF FM 1093 AND CLODINE RD
City	KATY
State	TX
ZIP	77433
County	FORT BEND
Latitude (N) (##.#####)	29.693611
Longitude (W) (-###.#####)	-95.701944
Primary SIC Code	4952
Secondary SIC Code	
Primary NAICS Code	221320
Secondary NAICS Code	

Regulated Entity Site Information

What is the Regulated Entity's Number (RN)?	RN105195648
What is the name of the Regulated Entity (RE)?	FORT BEND COUNTY MUD 190 WWTP
Does the RE site have a physical address?	No
Physical Address	
Because there is no physical address, describe how to locate this site:	APPROX 2000 E AND 1000 S OF THE INTX OF LONG POINT SLOUGH AND FM 1093 IN FORT BEND COUNTY
City	CYPRESS
State	TX
ZIP	77433
County	FORT BEND
Latitude (N) (##.#####)	29.702777
Longitude (W) (-###.#####)	-95.702222
Facility NAICS Code	
What is the primary business of this entity?	DOMESTIC

FORT BE-Customer (Applicant) Information (Owner)

How is this applicant associated with this site?	Owner
What is the applicant's Customer Number (CN)?	CN605444967
Type of Customer	County Government
Full legal name of the applicant:	
Legal Name	FORT BEND COUNTY MUD 190
Texas SOS Filing Number	

Federal Tax ID

State Franchise Tax ID

State Sales Tax ID

Local Tax ID

DUNS Number

Number of Employees

Independently Owned and Operated?

I certify that the full legal name of the entity applying for this permit has been provided and is legally authorized to do business in Texas.

Yes

Responsible Authority Contact

Organization Name

FORT BEND COUNTY MUD 190

Prefix

MR

First

Tracy

Middle

Last

Youngblood

Suffix

Credentials

Title

Board Vice President

Responsible Authority Mailing Address

Enter new address or copy one from list:

Address Type

Domestic

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

3200 SOUTHWEST FWY

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

STE 2600

City

HOUSTON

State

TX

ZIP

77027

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

7138606417

Extension

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

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

E-mail

gpagan@abhr.com

Billing Contact

Responsible contact for receiving billing statements:

Select the permittee that is responsible for payment of the annual fee.

CN605444967, FORT BEND COUNTY
MUD 190

Organization Name

MYRTLE CRUZ INC

Prefix

MISS

First

Erin

Middle

Last

Garcia

Suffix

Credentials

Title

BOOKKEEPER

Enter new address or copy one from list:

Mailing Address

Address Type

Domestic

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

3401 LOUISIANA ST STE 400

Routing (such as Mail Code, Dept., or Attn:)	
City	HOUSTON
State	TX
ZIP	77002
Phone (###-###-####)	7137591368
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	erin_garcia@mcruz.com

Application Contact

Person TCEQ should contact for questions about this application:

Same as another contact?

Organization Name	Quiddity Engineering
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Prefix

First	Jonathan
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Middle

Last	Nguyen
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Suffix

Credentials

Title	Permitting Specialist
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Enter new address or copy one from list:

Mailing Address

Address Type	Domestic
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Mailing Address (include Suite or Bldg. here, if applicable)	912 S CAPITAL OF TEXAS HWY STE 300
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Routing (such as Mail Code, Dept., or Attn:)

City	WEST LAKE HILLS
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State	TX
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ZIP	78746
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Phone (###-###-####)	5126855156
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Extension

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

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

E-mail	jnguyen@quiddity.com
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Technical Contact

Person TCEQ should contact for questions about this application:

Same as another contact?

Organization Name	Application Contact Quiddity Engineering
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Prefix MR

First	Jonathan
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Middle

Last	Nguyen
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Suffix

Credentials

Title	Permitting Specialist
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Enter new address or copy one from list:

Mailing Address

Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	912 S CAPITAL OF TEXAS HWY STE 300
Routing (such as Mail Code, Dept., or Attn:)	
City	WEST LAKE HILLS
State	TX
ZIP	78746
Phone (###-###-####)	5126855156
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	jnguyen@quiddity.com

DMR Contact

Person responsible for submitting Discharge Monitoring Report Forms:

Same as another contact?	
Organization Name	SI Environmental
Prefix	
First	Garrett
Middle	
Last	Robertson
Suffix	
Credentials	
Title	Operator

Enter new address or copy one from list:

Mailing Address:

Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	6420 READING RD
Routing (such as Mail Code, Dept., or Attn:)	
City	ROSENBERG
State	TX
ZIP	77471
Phone (###-###-####)	2816203042
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	grobertson@sienv.com

Section 1# Permit Contact

Permit Contact#: 1

Person TCEQ should contact throughout the permit term.

1) Same as another contact?	CN605444967, FORT BEND COUNTY MUD 190
2) Organization Name	FORT BEND COUNTY MUD 190

3) Prefix

MR

4) First

Randy

5) Middle

6) Last

Young

7) Suffix

8) Credentials

9) Title

Board President

Mailing Address

10) Enter new address or copy one from list

11) Address Type

Domestic

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

3200 SOUTHWEST FWY

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

STE 2600

11.3) City

HOUSTON

11.4) State

TX

11.5) ZIP

77027

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

7138606417

13) Extension

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

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

16) E-mail

gpagan@abhr.com

Owner Information

Owner of Treatment Facility

1) Prefix

2) First and Last Name

3) Organization Name

FBCMUD 190

4) Mailing Address

3200 Southwest Freeway, Suite 2600

5) City

Houston

6) State

TX

7) Zip Code

77027

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

7138606417

9) Extension

10) Email

gpagan@abhr.com

11) What is ownership of the treatment facility?

Public

Owner of Land (where treatment facility is or will be)

12) Prefix

13) First and Last Name

14) Organization Name

FORT BEND COUNTY MUD 190

15) Mailing Address

3200 Southwest Freeway, Suite 2600

16) City

Houston

17) State

TX

18) Zip Code

77027

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

7138606417

20) Extension

21) Email

gpagan@abhr.com

22) Is the landowner the same person as the facility owner or co-applicant?

Yes

General Information Renewal-Amendment

1) Current authorization expiration date:	04/08/2026
2) Current Facility operational status:	Active
3) Is the facility located on or does the treated effluent cross American Indian Land?	No
4) What is the application type that you are seeking?	Renewal without changes
5) Current Authorization type:	Public Domestic Wastewater
5.1) What is the proposed total flow in MGD discharged at the facility?	0.6
5.2) Select the applicable fee	>= .50 & < 1.0 MGD - Renewal - \$1,615
6) What is the classification for your authorization?	TPDES
6.1) What is the EPA Identification Number?	TX0129518
6.2) Is the wastewater treatment facility location in the existing permit accurate?	Yes
6.3) Are the point(s) of discharge and the discharge route(s) in the existing permit correct?	Yes
6.4) City nearest the outfall(s):	Katy
6.5) County where the outfalls are located:	FORT BEND
6.6) Is or will the treated wastewater discharge to a city, county, or state highway right-of-way, or a flood control district drainage ditch?	No
6.7) Is the daily average discharge at your facility of 5 MGD or more?	No
7) Did any person formerly employed by the TCEQ represent your company and get paid for service regarding this application?	Yes
7.1) List each person formerly employed by the TCEQ who represented your company and was paid for service regarding the application:	Jonathan Nguyen

Public Notice Information

Individual Publishing the Notices

1) Prefix	
2) First and Last Name	Jonathan Nguyen
3) Credential	
4) Title	
5) Organization Name	Quiddity Engineering
6) Mailing Address	912 S CAPITAL OF TEXAS HWY
7) Address Line 2	Suite 300
8) City	WEST LAKE HILLS
9) State	TX
10) Zip Code	78746
11) Phone (###-###-####)	5126855156
12) Extension	
13) Fax (###-###-####)	
14) Email	jnguyen@quiddity.com

Contact person to be listed in the Notices

15) Prefix	
16) First and Last Name	Jonathan Nguyen
17) Credential	
18) Title	
19) Organization Name	
20) Phone (###-###-####)	5126855156

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

22) Email

jnguyen@quiddity.com

Bilingual Notice Requirements

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

Yes

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

Yes

23.2) Do the students at these schools attend a bilingual education program at another location?

No

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

No

23.4) Which language is required by the bilingual program?

Spanish

Section 1# Public Viewing Information

County#: 1

1) County

FORT BEND

2) Public building name

Mission Bend Branch Library

3) Location within the building

4) Physical Address of Building

8421 Addicks Clodine Rd.

5) City

Houston

6) Contact Name

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

8324715900

8) Extension

9) Is the location open to the public?

Yes

Plain Language

1) Plain Language

[File Properties]

File Name

LANG_02 PLS.pdf

Hash

E499F01F308DBC1D37192D0D55F248498D0FA81E475A61AC5057E3E4F28828BD

MIME-Type

application/pdf

Supplemental Permit Information Form

1) Supplemental Permit Information Form (SPIF)

[File Properties]

File Name

SPIF_03 SPIF.pdf

Hash

9EEC8A008B2B3B2A7CD06A2DAEE1DAFD76079E1DF9A6CC673EBD7F0CDB4A8A41

MIME-Type

application/pdf

Domestic Attachments

1) Attach an 8.5"x11", reproduced portion of the most current and original USGS Topographic Quadrangle Map(s) that meets the 1:24,000 scale.

[File Properties]

File Name	MAP_04 USGS.pdf
Hash	E3E0182CCB1E9AE89DA5AC3F836EAE21A2375AA13CA848C59B979121191B2375
MIME-Type	application/pdf
2) I confirm that all required sections of Technical Report 1.0 are complete and will be included in the Technical Attachment.	Yes
2.1) I confirm that Worksheet 2.0 (Receiving Waters) is complete and included in the Technical Attachment.	Yes
2.2) Are you planning to include Worksheet 2.1 (Stream Physical Characteristics) in the Technical Attachment?	No
2.3) Are you planning to include Worksheet 4.0 (Pollutant Analyses Requirements) in the Technical Attachment?	No
2.4) Are you planning to include Worksheet 5.0 (Toxicity Testing Requirements) in the Technical Attachment?	No
2.5) I confirm that Worksheet 6.0 (Industrial Waste Contribution) is complete and included in the Technical Attachment.	Yes
2.6) Are you planning to include Worksheet 7.0 (Class V Injection Well Inventory/Authorization Form) in the Technical Attachment?	No
2.7) Technical Attachment	
[File Properties]	
File Name	TECH_05 TECHNICAL REPORT.pdf
Hash	89D78880CC217FE8FB9B5BBFAD7A434EC6417CDF6C82A4AF5A65019A6BA0090F
MIME-Type	application/pdf
3) Buffer Zone Map	
4) Flow Diagram	
[File Properties]	
File Name	FLDIA_06 FLOW SCHEM.pdf
Hash	A9AF0246A71706F48F81C844DE09A4C9BFB4D9BF5D5EDA045DA2D48EFE693FF9
MIME-Type	application/pdf
5) Site Drawing	
[File Properties]	
File Name	SITEDR_07 SERVICE AREA.pdf
Hash	8F875A69241300B1897A53984F618136FD9EC45E3678D3795D5579896EF95D5E
MIME-Type	application/pdf
6) Design Calculations	
[File Properties]	
File Name	DES_CAL_08 TREATMENT PROCESS.pdf
Hash	8611E0EE10E1551E412B506B9E2E7DD31D0EC73268F4C6D90288AED65EE21754
MIME-Type	application/pdf
7) Solids Management Plan	
8) Water Balance	
9) Other Attachments	
[File Properties]	
File Name	OTHER_10 EFFLUENT ANALYSIS.pdf
Hash	2CDF6E8C3B0D61DFC3FCEBA3500AD21D2F01F7C703BBC3F30587B55DE055C19C
MIME-Type	application/pdf
[File Properties]	

File Name	OTHER_11 SLUDGE DISPOSAL.pdf
Hash	A20D752ED898283D6A2C3C9CA47A85D13DCE89441991621E8BAAAA78AAE41513
MIME-Type	application/pdf
[File Properties]	
File Name	OTHER_09 CORE DATA FORM.pdf
Hash	A2FFBF2CF898148A2C81D5390C60C10153A3AD19EDD01FB0870EBAC5BB502208
MIME-Type	application/pdf

Certification

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

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

1. I am Tracy M Youngblood, the owner of the STEERS account ER116816.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Update Domestic or Industrial Individual Permit WQ0014793001.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OWNER Signature: Tracy M Youngblood OWNER	
Customer Number:	CN605444967
Legal Name:	FORT BEND COUNTY MUD 190
Account Number:	ER116816
Signature IP Address:	4.38.137.202
Signature Date:	2025-10-01
Signature Hash:	82E0F8AC79F8194D1F3610095BEE43EB2B75738D875A50D93E550614D03155C6
Form Hash Code at time of Signature:	18D0F4ACA7B2BF65608822E73F5FC704C00EDEAECFC3F9588CD22243595D5734

Fee Payment

Transaction by:	The application fee payment transaction was made by ER094863/Huan J Nguyen
Paid by:	The application fee was paid by JONATHAN NGUYEN
Fee Amount:	\$1600.00
Paid Date:	The application fee was paid on 2025-10-01
Transaction/Voucher number:	The transaction number is 582EA000687047 and the voucher number is 785576

Submission

Reference Number:

The application reference number is 820347

Submitted by:

The application was submitted by
ER094863/Huan J Nguyen

Submitted Timestamp:

The application was submitted on 2025-10-01 at
07:39:20 CDT

Submitted From:

The application was submitted from IP address
98.6.100.154

Confirmation Number:

The confirmation number is 681917

Steers Version:

The STEERS version is 6.93

Permit Number:

The permit number is WQ0014793001

Additional Information

Application Creator: This account was created by Huan J Nguyen

ATTACHMENT G

TREATMENT PROCESS AND UNITS

**FORT BEND COUNTY MUD NO. 190
WQ0014793001 RENEWAL**



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Attachment G – Treatment Units and Process

Fort Bend County MUD No. 190

WQ0014793001 TPDES Renewal

Treatment Process:

The Fort Bend County MUD No. 190 Wastewater Treatment Facility (WWTF) is an activated sludge single-stage nitrification process in the complete mix mode. The 0.40 MGD phase consists of two package plant facilities. Raw influent is pumped through the lift stations into the elevated concrete headworks. From the headworks, the influent goes through the aeration basins and secondary clarifiers. From the clarifiers, the effluent is then disinfected in the chlorine contact chambers and is then discharged through the outfall into an unnamed drainage ditch. Waste activated sludge is pumped from the clarifiers to the aerobic digesters and then transported to another facility for processing. The Final Phase will include a new permanent plant, and the package plants will be removed.

0.40 MGD Phase Treatment Units

Treatment Unit Type	Number of Units	Dimensions (L x W x D)
Aeration basin	4	2(6,552 ft ³)
Secondary clarifier	2	2(15,900 ft ³)
Chlorine contact basin	1	3,888 ft ³
Aerobic Digester	2	2(6,552 ft ³)

0.60 MGD Phase Treatment Units

Treatment Unit Type	Number of Units	Dimensions (L x W x D)
Aeration basin	2	2(26,768 ft ³)
Secondary clarifier	2	2(36 ft diameter x swd 10 ft)
Chlorine contact basin	1	6000 ft ³
Aerobic Digester	4	4(10,480 ft ³)

ATTACHMENT E

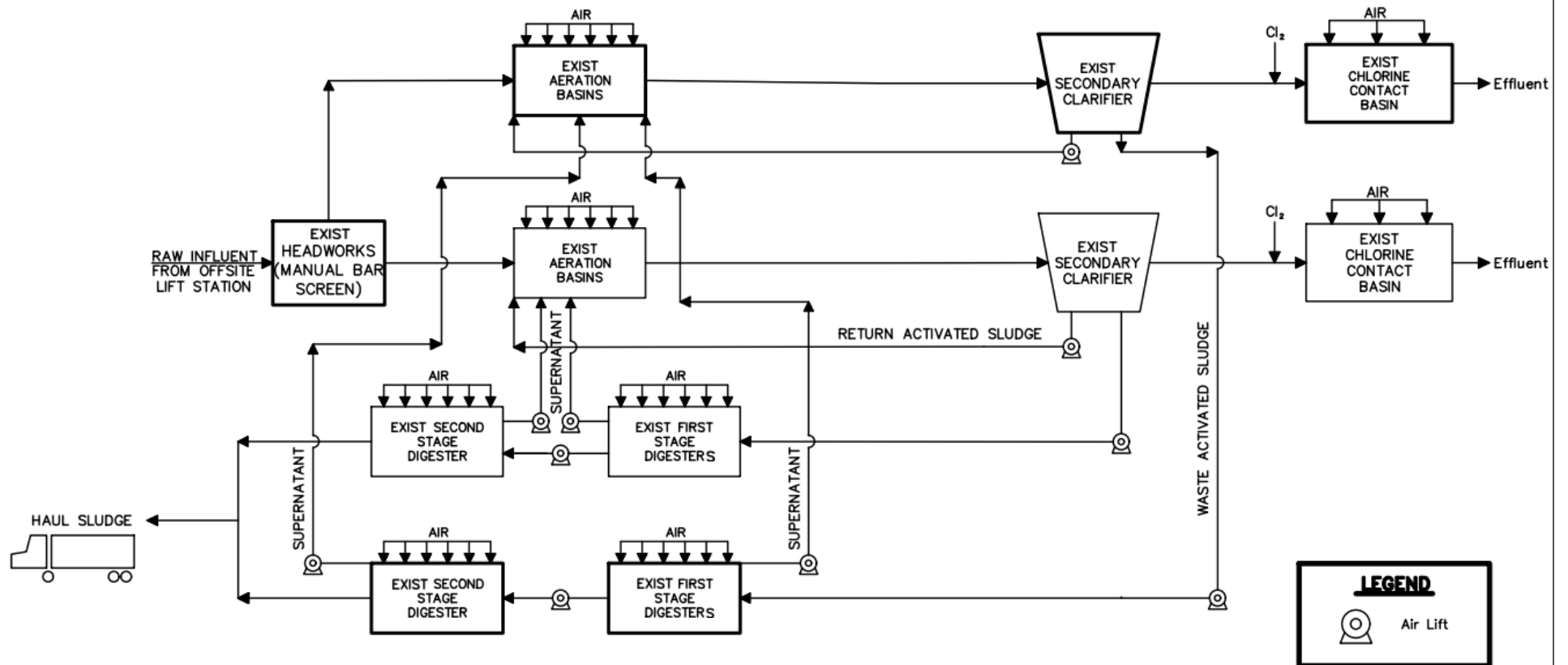
FLOW SCHEMATICS

**FORT BEND COUNTY MUD NO. 190
WQ0014793001 RENEWAL**



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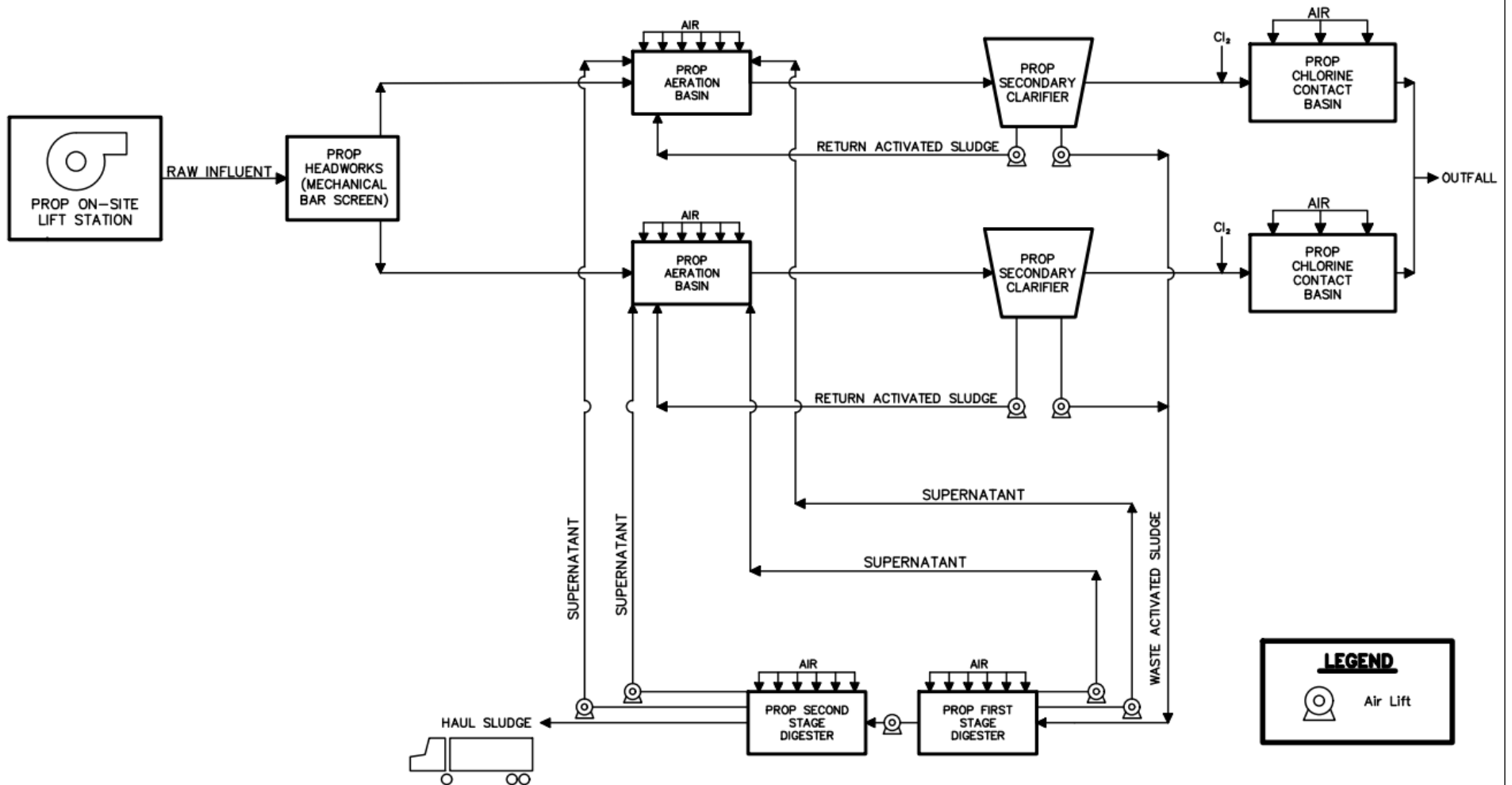


FLOW SCHEMATIC
FORT BEND COUNTY MUD NO. 190
0.40 MGD WASTEWATER TREATMENT PLANT
PERMIT NO. WQ0014793001



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FLOW SCHEMATIC
FORT BEND COUNTY MUD NO. 190
0.60 MGD WASTEWATER TREATMENT PLANT
PERMIT NO. WQ0014793001



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ATTACHMENT A

PLAIN LANGUAGE SUMMARY

**FORT BEND COUNTY MUD NO. 190
WQ0014793001 RENEWAL**



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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.

Fort Bend County Municipal Utility District No. 190 (CN605444967) operates the FBCMUD 190 wastewater treatment plant (RN105195648), an activated sludge process plant operated in the complete mix mode. The facility is located approximately 0.8 mile west and 1.0 mile south of the intersection of Clodine Road and Farm-to-Market Road 1093, in Fort Bend County, Texas 77469.

This application is for a renewal to discharge at a daily average flow of 600,000 gallons per day of treated domestic wastewater.

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. Pollutant Analysis of Treated Effluent and Domestic Worksheet 4.0 in the permit application package. Domestic wastewater is treated by an activated sludge process plant and the treatment units include a bar screen, aeration basins, final clarifiers, sludge digesters, chlorine contact chambers and a dechlorination chamber.



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

El Distrito Municipal de Servicios Públicos del Condado de Fort Bend no. 190 (CN605444967) opera la planta de tratamiento de aguas residuales FBCMUD 190 (RN105195648), una planta de procesamiento de lodos activados que opera en modo de mezcla completa. La instalación se encuentra aproximadamente a 0,8 millas al oeste y 1,0 millas al sur de la intersección de Clodine Road y Farm-to-Market Road 1093, en el Condado de Fort Bend, Texas 77469.

Esta solicitud es para una renovación para descargar un flujo promedio diario de 600,000 galones por día de aguas residuales domésticas tratadas.

Se espera que las descargas de la instalación contengan la demanda bioquímica de oxígeno carbonoso de cinco días (CBOD₅), sólidos suspendidos totales (TSS), nitrógeno amoniacal (NH₃-N) y *Escherichia coli*. Se incluyen otros contaminantes potenciales en el Informe Técnico Doméstico 1.0, Sección 7. Análisis de Contaminantes del Efluente Tratado, y en la Hoja de Trabajo Doméstica 4.0 de la solicitud de permiso. Las aguas residuales domésticas se tratan mediante una planta de lodos activados, cuyas unidades de tratamiento incluyen un tamiz de barras, tanques de aireación, clarificadores finales, digestores de lodos, cámaras de contacto con cloro y una cámara de decloración.

ATTACHMENT C

USGS MAP

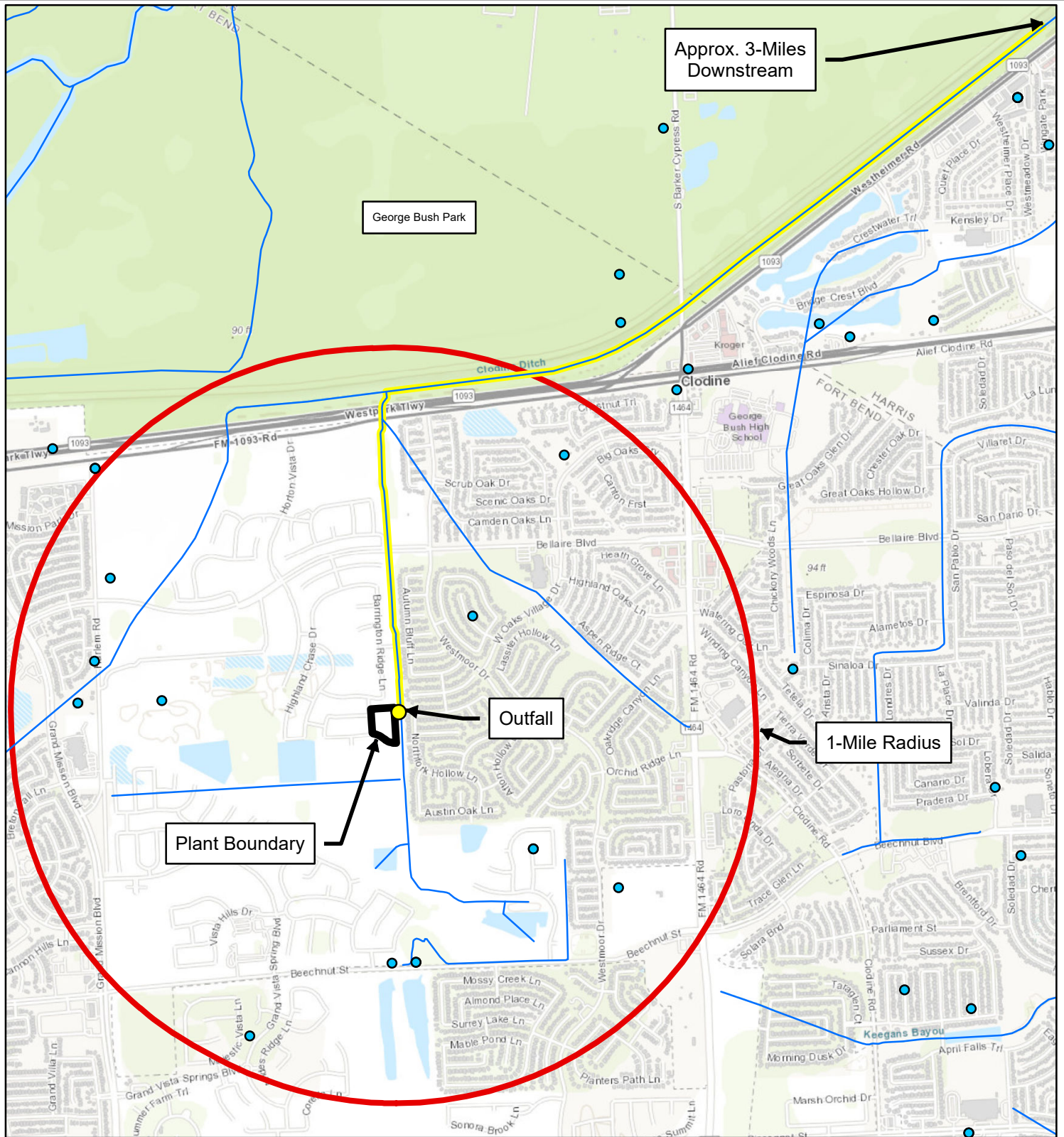
**FORT BEND COUNTY MUD NO. 190
WQ0014793001 RENEWAL**



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USGS TOPO MAP EXHIBIT



Disclaimer: This product is offered for informational purposes and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. It does not represent an on-the-ground survey and represents only the approximate relative location of property, governmental and/or political boundaries or related facilities to said boundary. No express warranties are made by Quiddity Engineering concerning the accuracy, completeness, reliability, or usability of the information included within this exhibit.



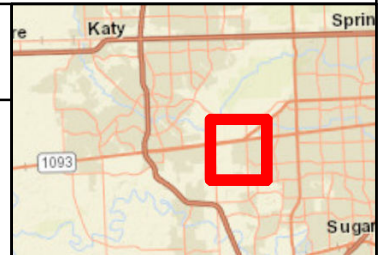
QUIDDITY



1 inch equals 2,000 feet
FBCMUD No. 190
FORT BEND COUNTY, TEXAS

LEGEND

- Water Wells
- Outfall
- Streams
- Discharge Route
- 1 Mile Buffer
- Plant Boundary



VICINITY MAP

Scale: 1 inch equals 10 miles

ATTACHMENT H

CORE DATA FORM

**FORT BEND COUNTY MUD NO. 190
WQ0014793001 RENEWAL**



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Texas Board of Professional Engineers and Land Surveyors Registration Nos. F-23290 & 10046100
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TCEQ Core Data Form

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

SECTION I: General Information

1. Reason for Submission (If other is checked please describe in space provided.)		
☐ New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
☒ Renewal (Core Data Form should be submitted with the renewal form)	☐ Other	
2. Customer Reference Number (if issued)	Follow this link to search for CN or RN numbers in Central Registry**	3. Regulated Entity Reference Number (if issued)
CN 605444967		RN 105195648

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)		11/19/2024	
☐ New Customer ☒ Update to Customer Information ☐ Change in Regulated Entity Ownership					
☐ Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)					
<i>The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).</i>					
6. Customer Legal Name (If an individual, print last name first: eg: Doe, John)				<i>If new Customer, enter previous Customer below:</i>	
Fort Bend County Municipal Utility District 190					
7. TX SOS/CPA Filing Number		8. TX State Tax ID (11 digits)		9. Federal Tax ID (9 digits)	10. DUNS Number (if applicable)
11. Type of Customer:		☐ Corporation		☐ Individual	Partnership: ☐ General ☐ Limited
Government: ☐ City ☐ County ☐ Federal ☐ Local ☐ State ☒ Other		☐ Sole Proprietorship		☐ Other:	
12. Number of Employees				13. Independently Owned and Operated?	
☒ 0-20 ☐ 21-100 ☐ 101-250 ☐ 251-500 ☐ 501 and higher				☒ Yes ☐ No	
14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following					
☐ Owner ☐ Operator ☒ Owner & Operator ☐ Other:					
☐ Occupational Licensee ☐ Responsible Party ☐ VCP/BSA Applicant					
15. Mailing Address:	3200 Southwest Freeway				
	Suite 2600				
	City	Houston	State	TX	ZIP 77027 ZIP + 4
16. Country Mailing Information (if outside USA)				17. E-Mail Address (if applicable)	
				gpagan@abhr.com	

18. Telephone Number	19. Extension or Code	20. Fax Number (if applicable)
(713) 860-6417		() -

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								
<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.)								
FBCMUD 190 WWTF								
23. Street Address of the Regulated Entity: (No PO Boxes)	18262 1/2 Raven Rock Lane							
	City	Richmond	State	TX	ZIP	77407	ZIP + 4	
24. County	Fort Bend							

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

25. Description to Physical Location:	N/A							
26. Nearest City					State	Nearest ZIP Code		
<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:		29.693611			28. Longitude (W) In Decimal:		-95.702048	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds			
29. Primary SIC Code (4 digits)	30. Secondary SIC Code (4 digits)		31. Primary NAICS Code (5 or 6 digits)		32. Secondary NAICS Code (5 or 6 digits)			
4952			221320					
33. What is the Primary Business of this entity? (Do not repeat the SIC or NAICS description.)								
treatment of municipal wastewater								
34. Mailing Address:	3200 Southwest Freeway							
	Sute 2600							
	City	Houston	State	TX	ZIP	77027	ZIP + 4	
35. E-Mail Address:	gpagan@abhr.com							
36. Telephone Number	37. Extension or Code				38. Fax Number (if applicable)			
(713) 860-6417					() -			

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

☐ Dam Safety	☐ Districts	☐ Edwards Aquifer	☐ Emissions Inventory Air	☐ Industrial Hazardous Waste
☐ Municipal Solid Waste	☐ New Source Review Air	☐ OSSF	☐ Petroleum Storage Tank	☐ PWS
☐ Sludge	☐ Storm Water	☐ Title V Air	☐ Tires	☐ Used Oil
☐ Voluntary Cleanup	☒ Wastewater	☐ Wastewater Agriculture	☐ Water Rights	☐ Other:
	WQ0014793001			

SECTION IV: Preparer Information

40. Name:	Jonathan Nguyen		41. Title:	Permitting Specialist
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address	
(512) 685-5156		() -	jnguyen@quiddity.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:	FBCMUD 190	Job Title:	Vice President	
Name (In Print):	Tracy Youngblood		Phone:	(713) 860- 6417
Signature:			Date:	

ATTACHMENT I

FINAL EFFLUENT ANALYSIS

**FORT BEND COUNTY MUD NO. 190
WQ0014793001 RENEWAL**



QUIDDITY

Texas Board of Professional Engineers and Land Surveyors Registration Nos. F-23290 & 10046100
6330 West Loop South, Suite 150 • Bellaire, TX 77401 • 713.777.5337



Envirodyne Laboratories, Inc
11011 Brooklet Dr., # 230
Houston, TX 77099
281.568.7880 Phone
www.envirodyne.com

15 September 2025

Si Environmental, LLC
Mike Thornhill
6420 Reading Road
Rosenberg, TX 77471

FBMUD #190 WWTP

Enclosed are the results of analyses for samples received by the laboratory on 14-Aug-25 15:00. The analytical data provided relates only to the samples as received in this laboratory report.

ELI certifies that all results are NELAP compliant and performed in accordance with the referenced method except as noted in the Case Narrative or as noted with a qualifier. Any reproductions of this laboratory report should be in full and only with the written authorization from the client.

The total number of pages in this report is 10

Thank you for selecting ELI for your analytical needs. If you have any questions regarding this report, please contact us.

Sincerely,

A handwritten signature in blue ink that reads 'Laura Bonjonia'.

Laura Bonjonia For Sarah Chaplain
Client Services Representative



Certificate ID: TX-C25-00209



Envirodyne Laboratories, Inc
11011 Brooklet Dr., # 230
Houston, TX 77099
281.568.7880 Phone
www.envirodyne.com

Client: Si Environmental, LLC
Project: FBMUD #190 WWTP
Work Order: 25H1272

Reported:
15-Sep-25 18:26

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Effluent	25H1272-01	Water	14-Aug-25 08:30	14-Aug-25 15:00

Envirodyne Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laura Bonjonia For Sarah Chaplain, Client Services Representative



Envirodyne Laboratories, Inc
11011 Brooklet Dr., # 230
Houston, TX 77099
281.568.7880 Phone
www.envirodyne.com

Client: Si Environmental, LLC
Project: FBMUD #190 WWTP
Work Order: 25H1272

Reported:
15-Sep-25 18:26

Effluent

25H1272-01 (Water) Sampled: 14-Aug-25 08:30

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	---------	-------

Envirodyne Laboratories, Inc.

Field Analysis

Chlorine Residual, Total	5.10	0.01	mg/L	1	B5H4578	14-Aug-25	14-Aug-25 08:30	SM 4500-Cl G	AS	a
Dissolved Oxygen (DO)	7.03		mg/L	1	B5H4578	14-Aug-25	14-Aug-25 08:30	SM4500-O C	AS	a
pH	7.49		SU	1	B5H4578	14-Aug-25	14-Aug-25 08:30	SM4500H+ B	AS	a
Temperature	28.0	10.0	°C	1	B5H4578	14-Aug-25	14-Aug-25 08:30	SM2550 B	AS	a

Microbiology

E.coli	<1	1	MPN/100 mL	1	B5H5021	14-Aug-25	14-Aug-25 15:04	SM9223 B	LN	
Enterococci	<1	1	MPN/100 mL	1	B5H4993	14-Aug-25	14-Aug-25 15:28	Enterolert	LN	

Wet Chemistry

Alkalinity (Total) as CaCO ₃	<20.0	20.0	mg/L	1	B5H4565	15-Aug-25	15-Aug-25 15:00	EPA 310.2	SSJ	
Ammonia-N (NH ₃ -N)	<0.20	0.20	mg/L	1	B5H4544	15-Aug-25	15-Aug-25 11:40	EPA 350.1	SSJ	P
CBOD-5	7.4	2.0	mg/L	1	B5H5236	15-Aug-25	15-Aug-25 12:05	SM5210 B	AGT	
Chloride	153	15.0	mg/L	5	B5I4389	11-Sep-25	11-Sep-25 14:35	SM4500 Cl-B	JMM	
Conductivity at 25 C	866	30	umho/cm	1	B5H5649	26-Aug-25	26-Aug-25 13:08	SM2510 B	CRG	
Fluoride	0.24	0.10	mg/L	1	B5H5262	21-Aug-25	21-Aug-25 16:02	SM 4500-F C	TDW	
Nitrate-N	23.0	2.50	mg/L	5	B5H4465	15-Aug-25	15-Aug-25 09:10	EPA 353.1	SSJ	
Oil & Grease	<5.0	5.0	mg/L	1	B5I4069	12-Sep-25	12-Sep-25 15:22	EPA 1664 A	CRG	H
Phosphorus, Total	<0.10	0.10	mg/L	1	B5I4783	15-Sep-25	15-Sep-25 17:59	SM4500-P E	BP	H
Sulfate	42.9	10.0	mg/L	5	B5H4456	15-Aug-25	18-Aug-25 08:46	EPA 375.4	SSJ	
TDS	548	50.0	mg/L	1	B5H4665	18-Aug-25	18-Aug-25 10:11	SM2540 C	CSM	
TKN-N	<0.50	0.50	mg/L	1	B5I4393	09-Sep-25	09-Sep-25 10:00	SM 4500-NH3 D	SUB	
TSS	6.8	2.0	mg/L	1	B5H4837	19-Aug-25	19-Aug-25 12:55	SM2540 D	CM	

Envirodyne Laboratories, Inc.

Laura Bonjonia For Sarah Chaplain, Client Services Representative

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Envirodyne Laboratories, Inc
11011 Brooklet Dr., # 230
Houston, TX 77099
281.568.7880 Phone
www.envirodyne.com

Client: Si Environmental, LLC
Project: FBMUD #190 WWTP
Work Order: 25H1272

Reported:
15-Sep-25 18:26

Microbiology - Quality Control
Envirodyne Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch B5H4993 - Microbiology

Blank (B5H4993-BLK1) Prepared & Analyzed: 14-Aug-25

Enterococci <1 1 MPN/100 mL

Duplicate (B5H4993-DUP1) Source: 25H1578-01 Prepared & Analyzed: 14-Aug-25

Enterococci <10 10 MPN/100 mL <10 0 0.5366

Batch B5H5021 - Microbiology

Blank (B5H5021-BLK1) Prepared & Analyzed: 14-Aug-25

E.coli <1 1 MPN/100 mL

Duplicate (B5H5021-DUP1) Source: 25H1359-02 Prepared & Analyzed: 14-Aug-25

E.coli <2 2 MPN/100 mL <2 0 0.402

Envirodyne Laboratories, Inc.

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Laura Bonjonia For Sarah Chaplain, Client Services Representative

Page 4 of 12



Envirodyne Laboratories, Inc
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Houston, TX 77099
281.568.7880 Phone
www.envirodyne.com

Client: Si Environmental, LLC
Project: FBMUD #190 WWTP
Work Order: 25H1272

Reported:
15-Sep-25 18:26

Wet Chemistry - Quality Control
Envirodyne Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B5H4456 - Inorganics										
Blank (B5H4456-BLK1)				Prepared: 15-Aug-25 Analyzed: 18-Aug-25						
Sulfate	<2.00	2.00	mg/L							
LCS (B5H4456-BS1)				Prepared: 15-Aug-25 Analyzed: 18-Aug-25						
Sulfate	19.3		mg/L	20.0		96.7	90-110			
Matrix Spike (B5H4456-MS1)				Source: 25H1117-01 Prepared: 15-Aug-25 Analyzed: 18-Aug-25						
Sulfate	206	20.0	mg/L	200	12.9	96.5	80-120			
Matrix Spike Dup (B5H4456-MSD1)				Source: 25H1117-01 Prepared: 15-Aug-25 Analyzed: 18-Aug-25						
Sulfate	205	20.0	mg/L	200	12.9	96.0	80-120	0.487	20	
Batch B5H4465 - Inorganics										
Blank (B5H4465-BLK1)				Prepared & Analyzed: 15-Aug-25						
Nitrate-N	<0.50	0.50	mg/L							
LCS (B5H4465-BS1)				Prepared & Analyzed: 15-Aug-25						
Nitrate-N	2.92		mg/L	3.00		97.3	90-110			
Matrix Spike (B5H4465-MS1)				Source: 25H1367-01 Prepared & Analyzed: 15-Aug-25						
Nitrate-N	91.2	10.0	mg/L	60.0	30.4	101	80-120			
Matrix Spike Dup (B5H4465-MSD1)				Source: 25H1367-01 Prepared & Analyzed: 15-Aug-25						
Nitrate-N	91.6	10.0	mg/L	60.0	30.4	102	80-120	0.438	20	
Batch B5H4544 - Inorganics										
Blank (B5H4544-BLK1)				Prepared & Analyzed: 15-Aug-25						
Ammonia-N (NH3-N)	<0.20	0.20	mg/L							

Envirodyne Laboratories, Inc.

Laura Bonjonia For Sarah Chaplain, Client Services Representative

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11011 Brooklet Dr., # 230
Houston, TX 77099
281.568.7880 Phone
www.envirodyne.com

Client: Si Environmental, LLC
Project: FBMUD #190 WWTP
Work Order: 25H1272

Reported:
15-Sep-25 18:26

Wet Chemistry - Quality Control
Envirodyne Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5H4544 - Inorganics

LCS (B5H4544-BS1)

Prepared & Analyzed: 15-Aug-25

Ammonia-N (NH ₃ -N)	1.00		mg/L	1.00		100	90-110			
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Matrix Spike (B5H4544-MS1)

Source: 25H1640-01

Prepared & Analyzed: 15-Aug-25

Ammonia-N (NH ₃ -N)	1.04	0.20	mg/L	1.00	0.04	100	90-110			
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Matrix Spike Dup (B5H4544-MSD1)

Source: 25H1640-01

Prepared & Analyzed: 15-Aug-25

Ammonia-N (NH ₃ -N)	1.05	0.20	mg/L	1.00	0.04	101	90-110	0.957	20	
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Batch B5H4565 - Inorganics

Blank (B5H4565-BLK1)

Prepared & Analyzed: 15-Aug-25

Alkalinity (Total) as CaCO ₃	<20.0	20.0	mg/L							
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LCS (B5H4565-BS1)

Prepared & Analyzed: 15-Aug-25

Alkalinity (Total) as CaCO ₃	101		mg/L	100		101	90-110			
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Duplicate (B5H4565-DUP1)

Source: 25H1317-02

Prepared & Analyzed: 15-Aug-25

Alkalinity (Total) as CaCO ₃	246	20.0	mg/L		247			0.333	20	
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Batch B5H4665 - Inorganics

Blank (B5H4665-BLK1)

Prepared & Analyzed: 18-Aug-25

TDS	<50.0	50.0	mg/L							
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LCS (B5H4665-BS1)

Prepared & Analyzed: 18-Aug-25

TDS	482		mg/L	500		96.4	80-120			
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Envirodyne Laboratories, Inc.

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Laura Bonjonia For Sarah Chaplain, Client Services Representative

Page 6 of 12



Envirodyne Laboratories, Inc
11011 Brooklet Dr., # 230
Houston, TX 77099
281.568.7880 Phone
www.envirodyne.com

Client: Si Environmental, LLC
Project: FBMUD #190 WWTP
Work Order: 25H1272

Reported:
15-Sep-25 18:26

Wet Chemistry - Quality Control
Envirodyne Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B5H4665 - Inorganics										
Duplicate (B5H4665-DUP1)		Source: 25H0930-01		Prepared & Analyzed: 18-Aug-25						
TDS	710	50.0	mg/L		712			0.281	20	
Batch B5H4837 - Inorganics										
Blank (B5H4837-BLK1)		Prepared & Analyzed: 19-Aug-25								
TSS	<2.0	2.0	mg/L							
LCS (B5H4837-BS1)		Prepared & Analyzed: 19-Aug-25								
TSS	80.0		mg/L	100		80.0	80-120			
Duplicate (B5H4837-DUP1)		Source: 25H1133-01		Prepared & Analyzed: 19-Aug-25						
TSS	2.2	2.0	mg/L		2.4			8.70	20	
Batch B5H5236 - Inorganics										
Blank (B5H5236-BLK1)		Prepared & Analyzed: 15-Aug-25								
CBOD-5	<2.0	2.0	mg/L							
LCS (B5H5236-BS1)		Prepared & Analyzed: 15-Aug-25								
CBOD-5	195		mg/L	198		98.3	84.6-115.4			
Duplicate (B5H5236-DUP1)		Source: 25H1324-01		Prepared & Analyzed: 15-Aug-25						
CBOD-5	4.80	2.0	mg/L		4.80			0.00	20	
Batch B5H5262 - Inorganics										
Blank (B5H5262-BLK1)		Prepared & Analyzed: 21-Aug-25								
Fluoride	<0.10	0.10	mg/L							

Envirodyne Laboratories, Inc.

Laura Bonjonia For Sarah Chaplain, Client Services Representative

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Envirodyne Laboratories, Inc
11011 Brooklet Dr., # 230
Houston, TX 77099
281.568.7880 Phone
www.envirodyne.com

Client: Si Environmental, LLC
Project: FBMUD #190 WWTP
Work Order: 25H1272

Reported:
15-Sep-25 18:26

Wet Chemistry - Quality Control
Envirodyne Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5H5262 - Inorganics

LCS (B5H5262-BS1)

Prepared & Analyzed: 21-Aug-25

Fluoride	0.50		mg/L	0.500		99.0	90-110			
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Matrix Spike (B5H5262-MS1)

Source: 25H1248-01

Prepared & Analyzed: 21-Aug-25

Fluoride	1.22	0.20	mg/L	1.00	0.24	98.3	80-120			
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Matrix Spike Dup (B5H5262-MSD1)

Source: 25H1248-01

Prepared & Analyzed: 21-Aug-25

Fluoride	1.23	0.20	mg/L	1.00	0.24	99.1	80-120	0.654	20	
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Batch B5H5649 - Inorganics

Blank (B5H5649-BLK1)

Prepared & Analyzed: 26-Aug-25

Conductivity at 25 C	<30	30	umho/cm							
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Duplicate (B5H5649-DUP1)

Source: 25H1829-01

Prepared & Analyzed: 26-Aug-25

Conductivity at 25 C	925	30	umho/cm		926			0.0648	20	
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Batch B5I4069 - Inorganics

Blank (B5I4069-BLK1)

Prepared & Analyzed: 12-Sep-25

Oil & Grease	6.11	5.0	mg/L							
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LCS (B5I4069-BS1)

Prepared & Analyzed: 12-Sep-25

Oil & Grease	32.7		mg/L	40.0		81.8	78-114			
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LCS Dup (B5I4069-BSD1)

Prepared & Analyzed: 12-Sep-25

Oil & Grease	35.1		mg/L	40.0		87.6	78-114	6.84	18	H
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Envirodyne Laboratories, Inc.

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Laura Bonjonia For Sarah Chaplain, Client Services Representative

Page 8 of 12



Envirodyne Laboratories, Inc
11011 Brooklet Dr., # 230
Houston, TX 77099
281.568.7880 Phone
www.envirodyne.com

Client: Si Environmental, LLC
Project: FBMUD #190 WWTP
Work Order: 25H1272

Reported:
15-Sep-25 18:26

Wet Chemistry - Quality Control
Envirodyne Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5I4389 - Inorganics

Blank (B5I4389-BLK1)				Prepared & Analyzed: 11-Sep-25						
Chloride	<3.0	3.0	mg/L							
LCS (B5I4389-BS1)				Prepared & Analyzed: 11-Sep-25						
Chloride	93.9		mg/L	100		93.9	90-110			
Matrix Spike (B5I4389-MS1)				Prepared & Analyzed: 11-Sep-25						
Chloride	171	15.0	mg/L	20.0	153	89.3	80-120			
Matrix Spike Dup (B5I4389-MSD1)				Prepared & Analyzed: 11-Sep-25						
Chloride	174	15.0	mg/L	20.0	153	102	80-120	1.48	20	

Batch B5I4783 - Inorganics

Blank (B5I4783-BLK1)				Prepared & Analyzed: 15-Sep-25						
Phosphorus, Total	<0.10	0.10	mg/L							
LCS (B5I4783-BS1)				Prepared & Analyzed: 15-Sep-25						
Phosphorus, Total	0.960		mg/L	1.00		96.0	80-120			
Matrix Spike (B5I4783-MS1)				Prepared & Analyzed: 15-Sep-25						
Phosphorus, Total	1.36	0.20	mg/L	1.00	0.340	102	80-120			
Matrix Spike Dup (B5I4783-MSD1)				Prepared & Analyzed: 15-Sep-25						
Phosphorus, Total	1.32	0.20	mg/L	1.00	0.340	98.0	80-120	2.99	20	

Envirodyne Laboratories, Inc.

Laura Bonjonia For Sarah Chaplain, Client Services Representative

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Houston, TX 77099
281.568.7880 Phone
www.envirodyne.com

Client: Si Environmental, LLC
Project: FBMUD #190 WWTP
Work Order: 25H1272

Reported:
15-Sep-25 18:26

Notes and Definitions

P Sample preserved at bench
H Hold time exceeded
ND Analyte NOT DETECTED at or above the reporting limit
< Result is less than the RL
a Analyte not available for TNI/NELAP accreditation
n Not accredited

Envirodyne Laboratories, Inc.

Laura Bonjonia For Sarah Chaplain, Client Services Representative

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Envirodyne Laboratories, Inc.
11011 Brooklet, Ste. 230
Houston, Texas 77099-3543
Phone (281)568-7880 - Fax (281)568-8004



25H1272

TCEQ Certification # T104704265

Name: Si Environmental
Address: 6240 Reading Road
City: Rosenberg, TX 77471
Contact: Mike Thornhill

Analysis Req

Phone:

Email:

by 9 AM

Project No.

Client/Project

FBMUD #190-PERMIT RENEWAL

Lab ID No.	Field Sample No./ Identification	Date & Time	Grab	Comp	Sample Container (Size/Mat'l)	Sample Type (Liquid, Sludge, etc.)	Preservative	ANALYSIS REQUESTED	pH	D.O.	Temp.	Analysis Time
	Effluent	8/14/25 0830	✓		NA	Liquid	NA	pH, DO, Cl ₂ ,	7.49	2.03	28	0835
	Effluent		✓		1 gal P	Liquid	Ice	BOD, TSS, SO ₄ , Cl, TDS, Cond, Alk, Fluorid				
	Effluent		✓		500 ml P	Liquid	Ice, H ₂ SO ₄	NH ₃ -N, TKN-N, T. PO ₄ , NO ₃ -N				
	Effluent		✓		(2) 120 ml P	Liquid	Ice, Sod Thio	E.coli, Enterococci				
	Effluent		✓		1 L glass	Liquid	Ice, HCl	Oil & Grease				
	Effluent		✓		250 ml P	Liquid	Ice, HNO ₃	Aluminum				

Samplers: (Signature)	Relinquished by: (Signature)	Date: Time:	Received by: (Signature)	Date: Time:	Seal Intact?
Affiliation	Relinquished by: (Signature)	Date: Time:	Received by: (Signature)	Date: Time:	Seal Intact?
	Relinquished by: (Signature)	Date: 8/14/25 Time: 1500	Received by Lab: (Signature)	Date: 8/14/25 Time: 1500	Seal Intact?
Remarks:	FLOW: Meter Reading: 5.9 Cl ₂ Residual: 5.8 Mn Correction: 5.1 Cl ₂ Corrected: 5.1	Arrival Temp: 48/39 ER 5	Data Results To: 1. Site Representative:	Date: Time:	Laboratory No.



Envirodyne Laboratories, Inc.
11011 Brooklet, Ste. 230
Houston, Texas 77099-3543
Phone (281)568-7880 - Fax (281)568-8004



25H1272

TCEQ Certification # T104704265

Name: Si Environmental
Address: 6240 Reading Road
City: Rosenberg, TX 77471
Contact: Mike Thornhill

Analysis Req

Phone:

Email:

by 9 AM

Project No.

Client/Project

FBMUD #190-PERMIT RENEWAL

Lab ID No.	Field Sample No./ Identification	Date & Time	Grab	Comp	Sample Container (Size/Mat'l)	Sample Type (Liquid, Sludge, etc.)	Preservative	ANALYSIS REQUESTED	pH	D.O.	Temp.	Analysis Time
	Effluent	8/14/25 0830	✓		NA	Liquid	NA	pH, DO, Cl ₂ ,	7.49	7.03	28	0835
	Effluent		✓		1 gal P	Liquid	Ice	BOD, TSS, SO ₄ , Cl, TDS, Cond, Alk, Fluorid				
	Effluent		✓		500 ml P	Liquid	Ice, H ₂ SO ₄	NH ₃ -N, TKN-N, T. PO ₄ , NO ₃ -N				
	Effluent		✓		(2) 120 ml P	Liquid	Ice, Sod Thio	E.coli, Enterococci				
	Effluent		✓		1 L glass	Liquid	Ice, HCl	Oil & Grease				
	Effluent		✓		250 ml P	Liquid	Ice, HNO ₃	Aluminum				

Samplers: (Signature)	Relinquished by: (Signature)	Date: Time:	Received by: (Signature)	Date: Time:	Seal Intact?
Affiliation	Relinquished by: (Signature)	Date: Time:	Received by: (Signature)	Date: Time:	Seal Intact?
	Relinquished by: (Signature)	Date: 8/14/25 Time: 1500	Received by Lab: (Signature)	Date: 8/14/25 Time: 1500	Seal Intact?
Remarks:	FLOW: 5.9 Meter Reading: 5.9 Cl ₂ Residual: 5.8 Mn Correction: 5.1 Cl ₂ Corrected: 5.1	Arrival Temp: 40/39 ER 5	Data Results To: 1. Site Representative:	Date: Time:	Laboratory No.

ATTACHMENT J

SLUDGE DISPOSAL

**FORT BEND COUNTY MUD NO. 190
WQ0014793001 RENEWAL**



QUIDDITY

Texas Board of Professional Engineers and Land Surveyors Registration Nos. F-23290 & 10046100
6330 West Loop South, Suite 150 • Bellaire, TX 77401 • 713.777.5337

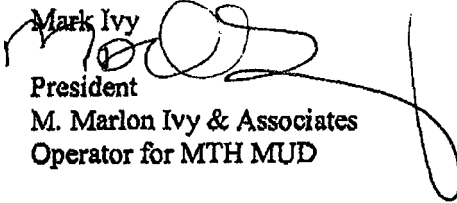
Plant: Fort Bend County Municipal Utility District No. 190
TCEQ Permit: WQ0014793001

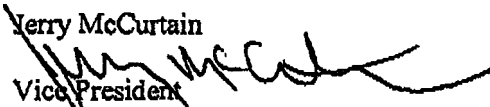
To Whom It May Concern:

Mount Houston Road Municipal Utility District, owner of a Waste Water Treatment Plant (Permit #WQ0011154001) located approximately 1.3 miles northwest of the intersection of State Highway 249 and Veterans Memorial Drive, Houston, Texas, and Magna Flow Environmental, owner of the Processing Permit (Permit #WQ0005023000)

Magna Flow Environmental and Mount Houston Road Municipal Utility District have entered into a contractual agreement, where Magna Flow Environmental (T.C.E.Q. Transporter Permit # 21484) will dewater sewage sludge from other waste treatment plants at the Mount Houston Road Municipal Utility District treatment plant. Dewatered Sludge will then be disposed of at a T.C.E.Q. permitted disposal site. Mount Houston Road Municipal Utility District has the capacity to accept sludge from the above mentioned plant.

Magna Flow Environmental agrees to accept and be responsible for the sludge dewatered at the plant. We will maintain responsibility for the life of the permit.


Mark Ivy
President
M. Marlon Ivy & Associates
Operator for MTH MUD


Jerry McCurtain
Vice President
Magna Flow Environmental

ATTACHMENT F

SERVICE AREA MAP

**FORT BEND COUNTY MUD NO. 190
WQ0014793001 RENEWAL**



QUIDDITY

Texas Board of Professional Engineers and Land Surveyors Registration Nos. F-23290 & 10046100
6330 West Loop South, Suite 150 • Bellaire, TX 77401 • 713.777.5337

ATTACHMENT B

SPIF

**FORT BEND COUNTY MUD NO. 190
WQ0014793001 RENEWAL**



QUIDDITY

Texas Board of Professional Engineers and Land Surveyors Registration Nos. F-23290 & 10046100
6330 West Loop South, Suite 150 • Bellaire, TX 77401 • 713.777.5337

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: FBCMUD No. 190

Permit No. WQ00 14793001

EPA ID No. TX 0129518

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

approximately 0.8 mile west and 1.0 mile south of the intersection of Clodine Road and Farm-to-Market Road 1093, in Fort Bend County, Texas 77469

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

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

First and Last Name: Jonathan Nguyen

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

Title: Permitting Specialist

Mailing Address: 912 South Capital of Texas Hwy, Suite 300

City, State, Zip Code: Austin, TX 78746

Phone No.: 512-685-5156 Ext.:

Fax No.:

E-mail Address: jnguyen@quddity.com

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

Owner is FBCMUD No. 190.

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

To an unnamed drainage ditch, thence to detention ponds, thence to an unnamed drainage ditch, then to Long Point Slough, thence to Clodine Ditch, thence to Buffalo Bayou Above Tidal in Segment No. 1014 of the San Jacinto River Basin

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

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

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

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

☐ Disturbance of vegetation or wetlands

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

No caves or karst features will be impacted.

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

Existing land use is for the wastewater treatment plant.

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.

N/A

ATTACHMENT D

APPLICATION TECHNICAL REPORTS 1.0-2.0-6.0

**FORT BEND COUNTY MUD NO. 190
WQ0014793001 RENEWAL**



QUIDDITY

Texas Board of Professional Engineers and Land Surveyors Registration Nos. F-23290 & 10046100
6330 West Loop South, Suite 150 • Bellaire, TX 77401 • 713.777.5337



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): 0.40

2-Hr Peak Flow (MGD): 1.60

Estimated construction start date: Click to enter text.

Estimated waste disposal start date: 7/2021

B. Interim II Phase

Design Flow (MGD): Click to enter text.

2-Hr Peak Flow (MGD): Click to enter text.

Estimated construction start date: Click to enter text.

Estimated waste disposal start date: Click to enter text.

C. Final Phase

Design Flow (MGD): 0.60

2-Hr Peak Flow (MGD): 2.40

Estimated construction start date: 12/2026

Estimated waste disposal start date: 12/2027

D. Current Operating Phase

Provide the startup date of the facility: 7/2021

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.**

See Attachment G – Treatment Units and Process

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)
See Attachment G		

C. Process Flow Diagram

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

Attachment: Attachment E

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

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

- Latitude: 29.694349
- Longitude: -95.701547

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

- Latitude: Click to enter text.
- Longitude: Click to enter text.

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

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

Attachment: Attachment F

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

The plant serves Fort Bend County MUD No. 190.
--

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
FBCMUD 190	FBCMUD 190	Publicly Owned	~1,700 connections

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.**

Re-rating evaluation approved 5/2023.

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.

N/A

Section 6. Permit Specific Requirements (Instructions Page 45)

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

A. Summary transmittal

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

☒ Yes ☐ No

If **yes**, provide the date(s) of approval for each phase: [Click to enter text.](#)

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

0.40 MGD plant approved 4/2019.

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.

Evidence of legal restrictions will be submitted prior to construction of the final phase.

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*.

Summary Transmittal and Notice of Completion will be submitted prior to construction and startup of final phase.

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 the instructions.

In addition, provide the date the plant started or is anticipated to start accepting sludge, an estimate of monthly sludge acceptance (gallons or millions of gallons), an estimate of the 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	7.4	7.4	1	Grab	8-14-25/0830
Total Suspended Solids, mg/l	6.8	6.8	1	Grab	8-14-25/0830
Ammonia Nitrogen, mg/l	<0.20	<0.20	1	Grab	8-14-25/0830
Nitrate Nitrogen, mg/l	23.0	23.0	1	Grab	8-14-25/0830

Total Kjeldahl Nitrogen, mg/l	<0.50	<0.50	1	Grab	8-14-25/0830
Sulfate, mg/l	42.9	42.9	1	Grab	8-14-25/0830
Chloride, mg/l	153	153	1	Grab	8-14-25/0830
Total Phosphorus, mg/l	<0.10	<0.10	1	Grab	8-14-25/0830
pH, standard units	7.49	7.49	1	Grab	8-14-25/0830
Dissolved Oxygen*, mg/l	7.03	7.03	1	Grab	8-14-25/0830
Chlorine Residual, mg/l	5.10	5.10	1	Grab	8-14-25/0830
<i>E.coli</i> (CFU/100ml) freshwater	<1	<1	1	Grab	8-14-25/0830
Enterococci (CFU/100ml) saltwater	<1	<1	1	Grab	8-14-25/0830
Total Dissolved Solids, mg/l	548	548	1	Grab	8-14-25/0830
Electrical Conductivity, μ mohs/cm, †	866	866	1	Grab	8-14-25/0830
Oil & Grease, mg/l	<5.0	<5.0	1	Grab	8-14-25/0830
Alkalinity (CaCO ₃)*, mg/l	<20.0	<20.0	1	Grab	8-14-25/0830

*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: SI Environmental

Facility Operator's License Classification and Level: Click to enter text.

Facility Operator's License Number: OC0000178

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

A. WWTP's Biosolids Management Facility Type

Check all that apply. See instructions for guidance

☐ Design flow $\geq$ 1 MGD

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

B. WWTP's Biosolids Treatment Process

Check all that apply. See instructions for guidance.

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

C. Biosolids Management

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

Biosolids Management

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

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

D. Disposal site

Disposal site name: Mount Houston Road MUD WWTP

TCEQ permit or registration number: WQ0005023000

County where disposal site is located: Harris

E. Transportation method

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

Name of the hauler: Magna Flow Environmental

Hauler registration number: 21484

Sludge is transported as a:

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

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

A. Beneficial use authorization

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

☐ Yes ☐ No

B. Sludge processing authorization

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

Sludge Composting ☐ Yes ☒ No

Marketing and Distribution of sludge	☐ Yes	☒ No
Sludge Surface Disposal or Sludge Monofill	☐ Yes	☒ No
Temporary storage in sludge lagoons	☐ Yes	☒ No

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

☐ Yes ☐ No

Section 11. Sewage Sludge Lagoons (Instructions Page 53)

Does this facility include sewage sludge lagoons?

☐ Yes ☒ No

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

A. Location information

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

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

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

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

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

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

Click to enter text.

B. Temporary storage information

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Provide the following information:

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

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

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

C. Liner information

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

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:

N/A

B. Permittee enforcement status

Is the permittee currently under enforcement for this facility?

☐ Yes ☒ No

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

☐ Yes ☒ No

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

N/A

Section 13. RCRA/CERCLA Wastes (Instructions Page 55)**A. RCRA hazardous wastes**

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

☐ Yes ☒ No

B. Remediation activity wastewater

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

☐ Yes ☒ No

C. Details about wastes received

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

Attachment: N/A

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: N/A

Distance and direction to the intake: N/A

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

Attachment: N/A

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

Does the facility discharge into tidally affected waters?

☐ Yes ☒ No

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

A. Receiving water outfall

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

B. Oyster waters

Are there oyster waters in the vicinity of the discharge?

☐ Yes ☐ No

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

[Click to enter text.](#)

C. Sea grasses

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

☐ Yes ☐ No

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

[Click to enter text.](#)

Section 3. Classified Segments (Instructions Page 64)

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

☐ Yes ☒ No

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

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

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

Name of the immediate receiving waters: unnamed drainage ditch

A. Receiving water type

Identify the appropriate description of the receiving waters.

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

Surface area, in acres: Click to enter text.

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

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

- ☒ Man-made Channel or Ditch
- ☐ Open Bay
- ☐ Tidal Stream, Bayou, or Marsh
- ☐ Other, specify: Click to enter text.

B. Flow characteristics

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

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

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

- ☐ USGS flow records
- ☐ Historical observation by adjacent landowners
- ☒ Personal observation
- ☐ Other, specify: 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.

Long Point Slough

D. Downstream characteristics

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

☐ Yes ☒ No

If yes, discuss how.

N/A

E. Normal dry weather characteristics

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

Discharge into a dry ditch

Date and time of observation: 8/26/2025

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.

- | | |
|--|--|
| ☐ Livestock watering | ☐ Contact recreation |
| ☐ Irrigation withdrawal | ☒ Non-contact recreation |
| ☐ Fishing | ☐ Navigation |
| ☐ Domestic water supply | ☐ Industrial water supply |
| ☐ Park activities | ☐ Other(s), specify: Click to enter text. |

C. Waterbody aesthetics

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

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

DOMESTIC WASTEWATER PERMIT APPLICATION

WORKSHEET 6.0: INDUSTRIAL WASTE CONTRIBUTION

The following is required for all publicly owned treatment works.

Section 1. All POTWs (Instructions Page 89)

A. Industrial users (IUs)

Provide the number of each of the following types of industrial users (IUs) that discharge to your POTW and the daily flows from each user. See the Instructions for definitions of Categorical IUs, Significant IUs - non-categorical, and Other IUs.

If there are no users, enter 0 (zero).

Categorical IUs:

Number of IUs: 0

Average Daily Flows, in MGD: 0

Significant IUs - non-categorical:

Number of IUs: 0

Average Daily Flows, in MGD: 0

Other IUs:

Number of IUs: 0

Average Daily Flows, in MGD: 0

B. Treatment plant interference

In the past three years, has your POTW experienced treatment plant interference (see instructions)?

☐ Yes ☒ No

If yes, identify the dates, duration, description of interference, and probable cause(s) and possible source(s) of each interference event. Include the names of the IUs that may have caused the interference.

N/A

C. Treatment plant pass through

In the past three years, has your POTW experienced pass through (see instructions)?

☐ Yes ☒ No

If **yes**, identify the dates, duration, a description of the pollutants passing through the treatment plant, and probable cause(s) and possible source(s) of each pass through event. Include the names of the IUs that may have caused pass through.

N/A

D. Pretreatment program

Does your POTW have an approved pretreatment program?

☐ Yes ☒ No

If **yes**, complete Section 2 only of this Worksheet.

Is your POTW required to develop an approved pretreatment program?

☐ Yes ☒ No

If **yes**, complete Section 2.c. and 2.d. only, and skip Section 3.

If **no to either question above**, skip Section 2 and complete Section 3 for each significant industrial user and categorical industrial user.

E. Service Area Map

Attach a map indicating the service area of the POTW. The map should include the applicant's service area boundaries and the location of any known industrial users discharging to the POTW. Please see the instructions for guidance.

Attachment: [Attachment F](#)

Section 2. POTWs with Approved Programs or Those Required to Develop a Program (Instructions Page 90)

A. Substantial modifications

Have there been any **substantial modifications** to the approved pretreatment program that have not been submitted to the TCEQ for approval according to *40 CFR §403.18*?

☐ Yes ☐ No

If **yes**, identify the modifications that have not been submitted to TCEQ, including the purpose of the modification.

Click to enter text.

B. Non-substantial modifications

Have there been any **non-substantial modifications** to the approved pretreatment program that have not been submitted to TCEQ for review and acceptance?

☐ Yes ☐ No

If yes, identify all non-substantial modifications that have not been submitted to TCEQ, including the purpose of the modification.

Click to enter text.

C. Effluent parameters above the MAL

In Table 6.0(1), list all parameters measured above the MAL in the POTW's effluent monitoring during the last three years. Submit an attachment if necessary.

Table 6.0(1) – Parameters Above the MAL

Pollutant	Concentration	MAL	Units	Date

D. Industrial user interruptions

Has any SIU, CIU, or other IU caused or contributed to any problems (excluding interferences or pass throughs) at your POTW in the past three years?

☐ Yes ☐ No

If **yes**, identify the industry, describe each episode, including dates, duration, description of the problems, and probable pollutants.

Click to enter text.

Section 3. Significant Industrial User (SIU) Information and Categorical Industrial User (CIU) (Instructions Page 90)

A. General information

Company Name: N/A

SIC Code: N/A

Contact name: N/A

Address: N/A

City, State, and Zip Code: N/A

Telephone number: N/A

Email address: N/A

B. Process information

Describe the industrial processes or other activities that affect or contribute to the SIU(s) or CIU(s) discharge (i.e., process and non-process wastewater).

N/A

C. Product and service information

Provide a description of the principal product(s) or services performed.

N/A

D. Flow rate information

See the Instructions for definitions of “process” and “non-process wastewater.”

Process Wastewater:

Discharge, in gallons/day: N/A

Discharge Type: ☐ Continuous ☐ Batch ☐ Intermittent

Non-Process Wastewater:

Discharge, in gallons/day: N/A

Discharge Type: ☐ Continuous ☐ Batch ☐ Intermittent

E. Pretreatment standards

Is the SIU or CIU subject to technically based local limits as defined in the instructions?

☐ Yes ☐ No

Is the SIU or CIU subject to categorical pretreatment standards found in *40 CFR Parts 405-471*?

☐ Yes ☐ No

If subject to categorical pretreatment standards, indicate the applicable category and subcategory for each categorical process.

Category: Subcategories: N/A

Click or tap here to enter text. N/A

Category: N/A

Subcategories: N/A

F. Industrial user interruptions

Has the SIU or CIU caused or contributed to any problems (e.g., interferences, pass through, odors, corrosion, blockages) at your POTW in the past three years?

☐ Yes ☒ No

If yes, identify the SIU, describe each episode, including dates, duration, description of problems, and probable pollutants.

N/A

Rachel Ellis

From: Jonathan Nguyen <jnguyen@quiddity.com>
Sent: Friday, October 17, 2025 9:06 AM
To: Rachel Ellis
Subject: Re: Application for Renewal Permit No. WQ0014793001-Fort Bend County Municipal Utility District No. 190- Notice of Deficiency Letter
Attachments: FBCMUD 190 Spanish NORI.docx; Revised 190 SPIF.pdf; Zip Code Confirmation.pdf; Revised 190 PLS.pdf

Good morning Rachel,

The updated location description is good, but the zip code needs to be changed to 77407. Attached is a printout of the zip code confirmation. The attached Spanish NORI, revised PLS, and revised SPIF reflect this change. Also in the NORI statement in the discharge route description, it has "to to an unnamed ditch..." Everything else looks good.

Let me know if you have any additional questions regarding this application.

Thank you!

Jonathan Nguyen
Permitting Specialist



✉ jnguyen@quiddity.com

☎ [\(512\) 685-5156](tel:(512)685-5156)

📍 912 S. Capital of Texas Hwy, Suite 300, Austin, Texas, 78746

www.quiddity.com



From: Rachel Ellis <Rachel.Ellis@tceq.texas.gov>
Sent: Thursday, October 16, 2025 12:36 PM
To: Jonathan Nguyen <jnguyen@quiddity.com>
Subject: Application for Renewal Permit No. WQ0014793001-Fort Bend County Municipal Utility District No. 190- Notice of Deficiency Letter

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Mr. Nguyen,

The attached Notice of Deficiency letter sent on October 16, 2025, requests additional information needed to declare the application administratively complete. Please send the complete response to my attention by **October 30, 2025**.

Thank you,

Rachel Ellis

License & Permit Specialist
Texas Commission on Environmental Quality
ARP Team | Water Quality Division
Rachel.Ellis@tceq.texas.gov



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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: FBCMUD No. 190

Permit No. WQ00 14793001

EPA ID No. TX 0129518

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

approximately 1.0 mile south of the intersection of Clodine Road and Farm-to-Market Road 1093, in Fort Bend County, Texas 77407

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

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

First and Last Name: Jonathan Nguyen

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

Title: Permitting Specialist

Mailing Address: 912 South Capital of Texas Hwy, Suite 300

City, State, Zip Code: Austin, TX 78746

Phone No.: 512-685-5156 Ext.:

Fax No.:

E-mail Address: jnguyen@quddity.com

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

Owner is FBCMUD No. 190.

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

To an unnamed drainage ditch, thence to detention ponds, thence to an unnamed drainage ditch, then to Long Point Slough, thence to Clodine Ditch, thence to Buffalo Bayou Above Tidal in Segment No. 1014 of the San Jacinto River Basin

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

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

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

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

☐ Disturbance of vegetation or wetlands

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

No caves or karst features will be impacted.

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

Existing land use is for the wastewater treatment plant.

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.

N/A

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.

Fort Bend County Municipal Utility District No. 190 (CN605444967) operates the FBCMUD 190 wastewater treatment plant (RN105195648), an activated sludge process plant operated in the complete mix mode. The facility is located approximately 1.0 mile south of the intersection of Clodine Road and Farm-to-Market Road 1093, in Fort Bend County, Texas 77407.

This application is for a renewal to discharge at a daily average flow of 600,000 gallons per day of treated domestic wastewater.

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. Pollutant Analysis of Treated Effluent and Domestic Worksheet 4.0 in the permit application package. Domestic wastewater is treated by an activated sludge process plant and the treatment units include a bar screen, aeration basins, final clarifiers, sludge digesters, chlorine contact chambers and a dechlorination chamber.



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

El Distrito Municipal de Servicios Públicos del Condado de Fort Bend no. 190 (CN605444967) opera la planta de tratamiento de aguas residuales FBCMUD 190 (RN105195648), una planta de procesamiento de lodos activados que opera en modo de mezcla completa. La instalación se encuentra aproximadamente a 1.0 millas al sur de la intersección de Clodine Road y Farm-to-Market Road 1093, en el Condado de Fort Bend, Texas 77407.

Esta solicitud es para una renovación para descargar un flujo promedio diario de 600,000 galones por día de aguas residuales domésticas tratadas.

Se espera que las descargas de la instalación contengan la demanda bioquímica de oxígeno carbonoso de cinco días (CBOD₅), sólidos suspendidos totales (TSS), nitrógeno amoniacal (NH₃-N) y *Escherichia coli*. Se incluyen otros contaminantes potenciales en el Informe Técnico Doméstico 1.0, Sección 7. Análisis de Contaminantes del Efluente Tratado, y en la Hoja de Trabajo Doméstica 4.0 de la solicitud de permiso. Las aguas residuales domésticas se tratan mediante una planta de lodos activados, cuyas unidades de tratamiento incluyen un tamiz de barras, tanques de aireación, clarificadores finales, digestores de lodos, cámaras de contacto con cloro y una cámara de decloración.

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 RENOVACION

PERMISO NO. WQ00

SOLICITUD. Distrito Municipal de Servicios Públicos del Condado de Fort Bend no. 190, 3200 Southwest Freeway, Suite 2600, Houston, Texas 77027 ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para renovar el Permiso No. WQ0014793001 (EPA I.D. No. TX0129518) del Sistema de Eliminación de Descargas de Contaminantes de Texas (TPDES) para autorizar la descarga de aguas residuales tratadas en un volumen que no sobrepasa un flujo promedio diario de 600,000 galones por día. La planta está ubicada aproximadamente 1.0 al sur de la intersección de Clodine Road y Farm-to-Market Road 1093, en la ciudad de Cypress, en el condado de Fort Bend, Texas 77407. La ruta de descarga es del sitio de la planta a una zanja de drenaje sin nombre (1), de allí a los estanques de detención, de allí a una zanja de drenaje sin nombre (2), de allí a Long Point Slough, de allí a Clodine Ditch, de allí a Buffalo Bayou Above Tidal. La TCEQ recibió esta solicitud el 1 de Octubre de 2025. La solicitud para el permiso estará disponible para leerla y copiarla en Biblioteca sucursal de Mission Bend, 8421 Addicks Clodine Road, Houston, Texas antes de la fecha de publicación de este aviso en el periódico. La solicitud (cualquier actualización y aviso inclusive) está disponible electrónicamente en la siguiente página web:

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

Este enlace a un mapa electrónico de la ubicación general del sitio o de la instalación es proporcionado como una cortesía y no es parte de la solicitud o del aviso. Para la ubicación exacta, consulte la solicitud.

<https://gisweb.tceq.texas.gov/LocationMapper/?marker=-95.701944,29.693611&level=18>

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

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

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

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

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

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

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

LISTA DE CORREO. Si somete comentarios públicos, un pedido para una audiencia administrativa de lo contencioso o una reconsideración de la decisión del Director Ejecutivo, la Oficina del Secretario Principal enviará por correo los avisos públicos en relación con la solicitud. Además, puede pedir que la TCEQ ponga su nombre en una o más de las listas correos siguientes (1) la lista de correo permanente para recibir los avisos del 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.

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

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

También se puede obtener información adicional del Distrito Municipal de Servicios Públicos del Condado de Fort Bend no. 190 a la dirección indicada arriba o llamando a Sr. Jonathan Nguyen, Quiddity Engineering, al (512) 685-5156.

Fecha de emisión: *[Date notice issued]*

Search by ZIP, address, city, or county:

7506 Northfork Hollow Ln, Richmond, TX

Q



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Connectivity that moves data faster —
and entire organizations forward.

Ultra-High
S

ZIP Code 77407

- Population
- Real Estate
- Employment
- Schools

Resident's name:	See Who Lives Here (https://tracking.intelius.com/?a=575&oc=73&c=480&street=7506+Northfork+Hollow+Ln&city=Richmond&state=TX)
Street address:	7506 Northfork Hollow Ln
Post Office City:	Richmond, TX (View All Cities)
ZIP+4	77407-2283 (Verify at USPS (https://tools.usps.com/go/ZipLookupResultsAction!input.action?resultMode=0&companyName=&address1=7506+Northfork+Hollow+Ln&address2=&city=Richmond&state=TX&urbanCode=&postalCode=&zip=77407-2283))
County:	Fort Bend County
Timezone:	Central (8:50am)
Area code:	713 (Area Code Map (https://www.allareacodes.com/713))
Coordinates:	29.69435, -95.70155 Address (~400 yard radius)

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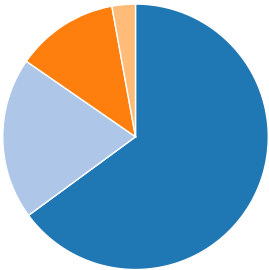
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Cities in ZIP code 77407

The list below includes the cities that the US Post Office accepts for ZIP code 77407. The preferred city may not be the city in which the ZIP is located. The city for 77407 is usually the name of the main post office. When mailing your package or letter, always include the preferred or acceptable cities. Using any city in the list of unacceptable cities may result in delays.

55-64	3,013	483	3,496
65-74	1,631	229	1,860
75-84	449	106	555
85 Plus	46	75	121
Source: U.S. Census			

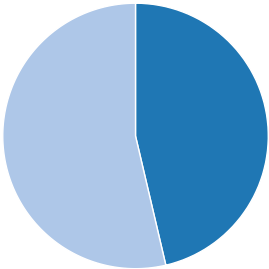
Families vs Singles



☐ Husband Wife Family Households	14,322	65%
☐ Single Guardian	4,347	20%
☐ Singles	2,761	13%
☐ Singles With Roommate	630	3%

Source: U.S. Census

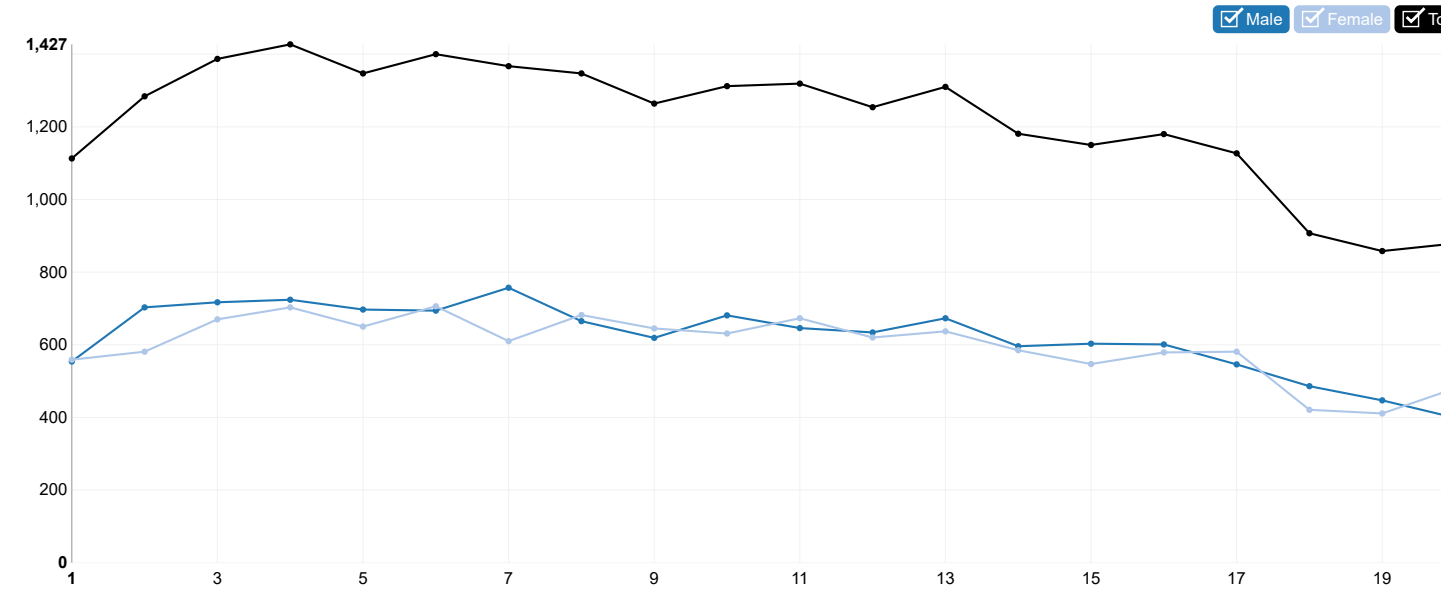
Households with Kids



Average Household Size: 3		
☐ Households without Kids	10,221	46%
☐ Households with Kids	11,839	54%

Source: U.S. Census

Children by Age

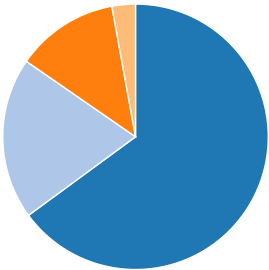


	Male	Female	Total
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2	703	581	1,284
3	717	670	1,387
4	724	703	1,427
5	697	650	1,347
6	694	706	1,400
7	757	610	1,367
8	665	682	1,347
9	619	645	1,264
10	681	631	1,312
11	646	673	1,319
12	634	620	1,254
13	673	637	1,310
14	596	585	1,181
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Source: U.S. Census

55-64	3,013	483	3,496
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75-84	449	106	555
85 Plus	46	75	121
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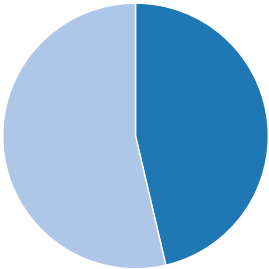
Families vs Singles



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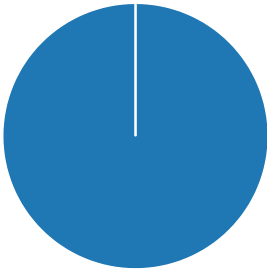
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The majority of household are owned or have a mortgage. Homes in ZIP code 77407 were primarily built in the 2000s. Looking at 77407 real estate data, the median home value of \$353,800 is slightly higher than average compared to the rest of the country. It is also slightly higher than average compared to nearby ZIP codes. So you are less likely to find inexpensive homes in 77407. Rentals in 77407 are most commonly 3+ bedrooms. The rent for 3+ bedrooms is normally \$1,000+/month including utilities. Prices for rental property include ZIP code 77407 apartments, townhouses, and homes that are primary residences.

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Source: U.S. Census

Year Housing was Built

1939 Or Earlier	0
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1950s	170
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1980s	1,343
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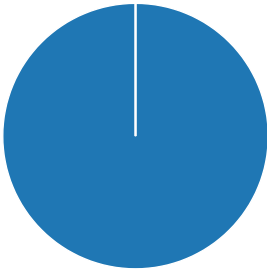
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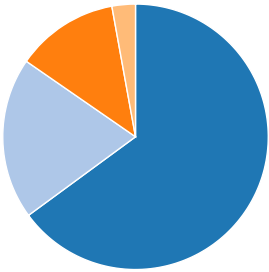
- [Home \(/\)](#)
- [Downloadable ZIP Code List \(/zip-code-database/\)](#)
- [Area Codes \(https://www.allareacodes.com\)](https://www.allareacodes.com)
- [About \(/about.php\)](#)
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Data sources include the United States Postal Service, U.S. Census Bureau, Yahoo, and the IRS.

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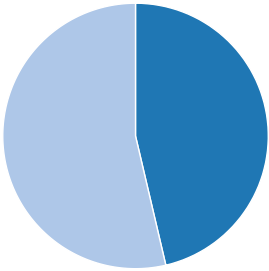
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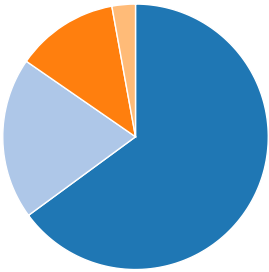
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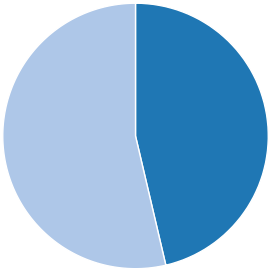
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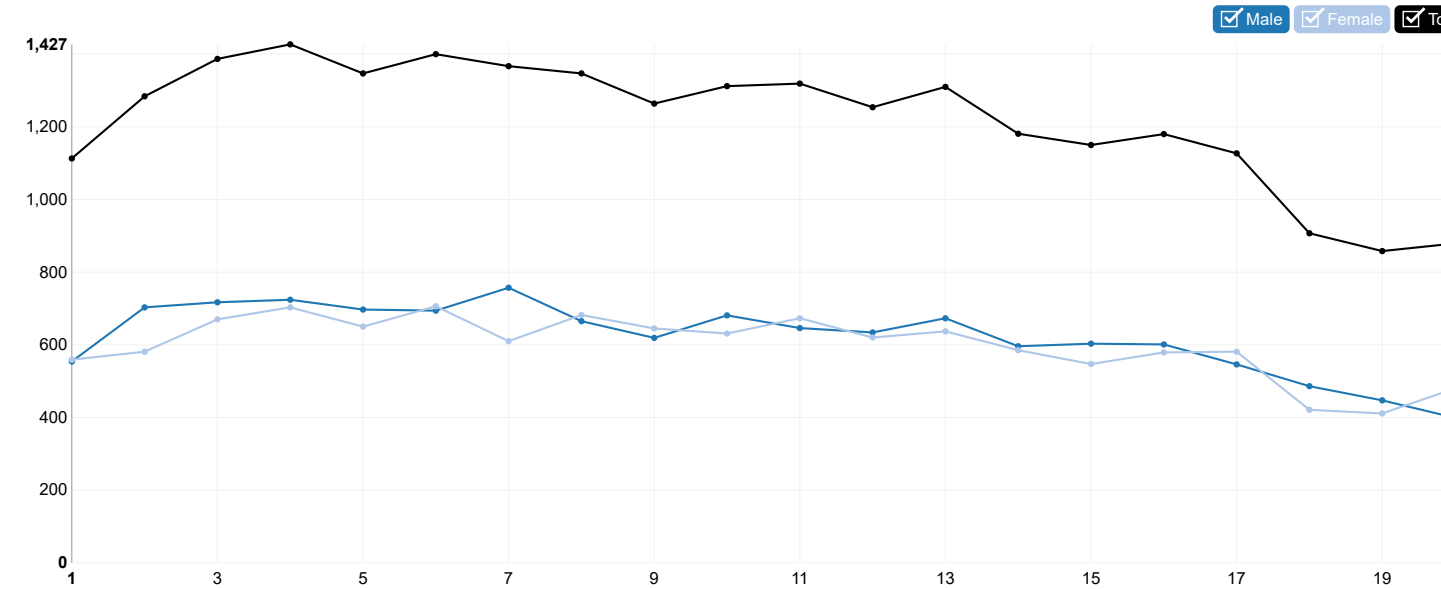
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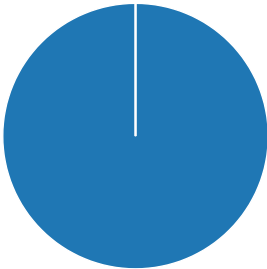
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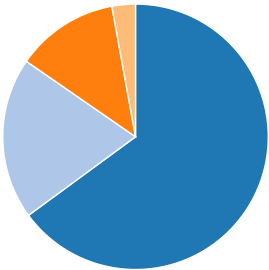
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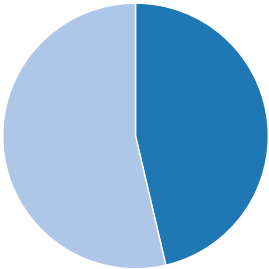
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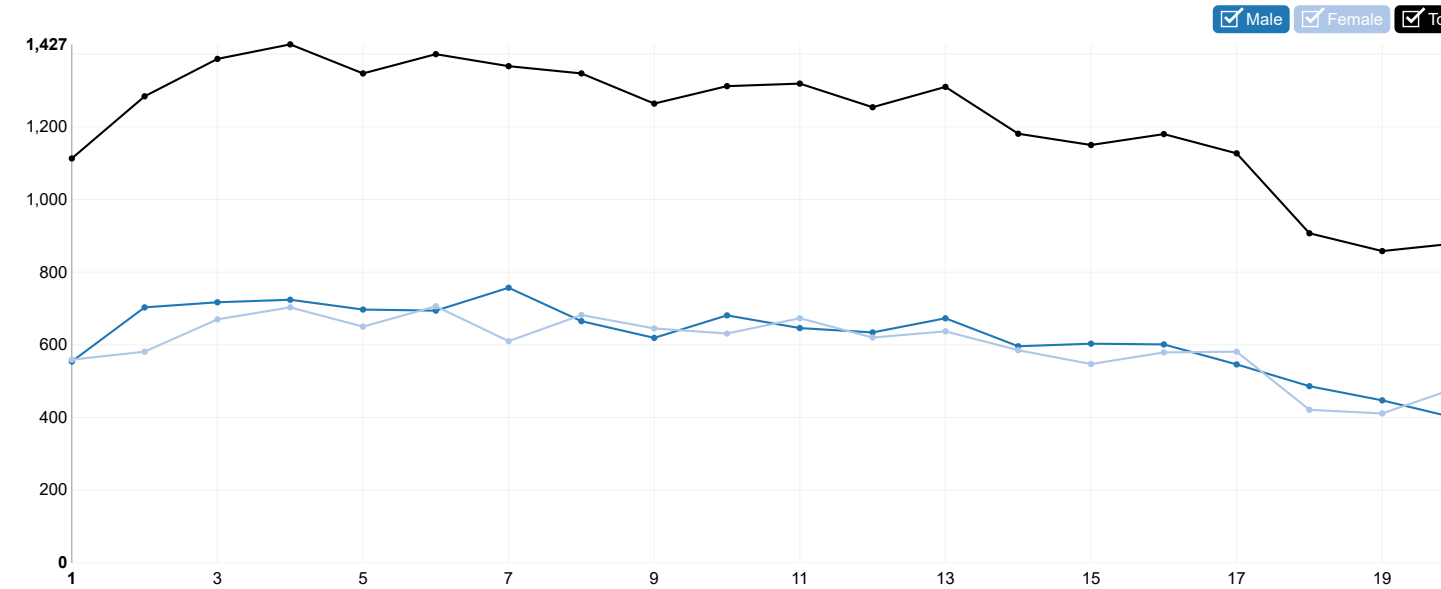


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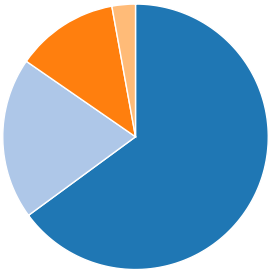


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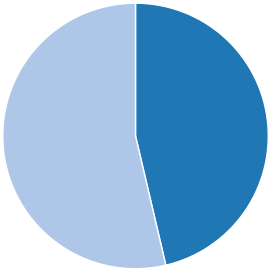
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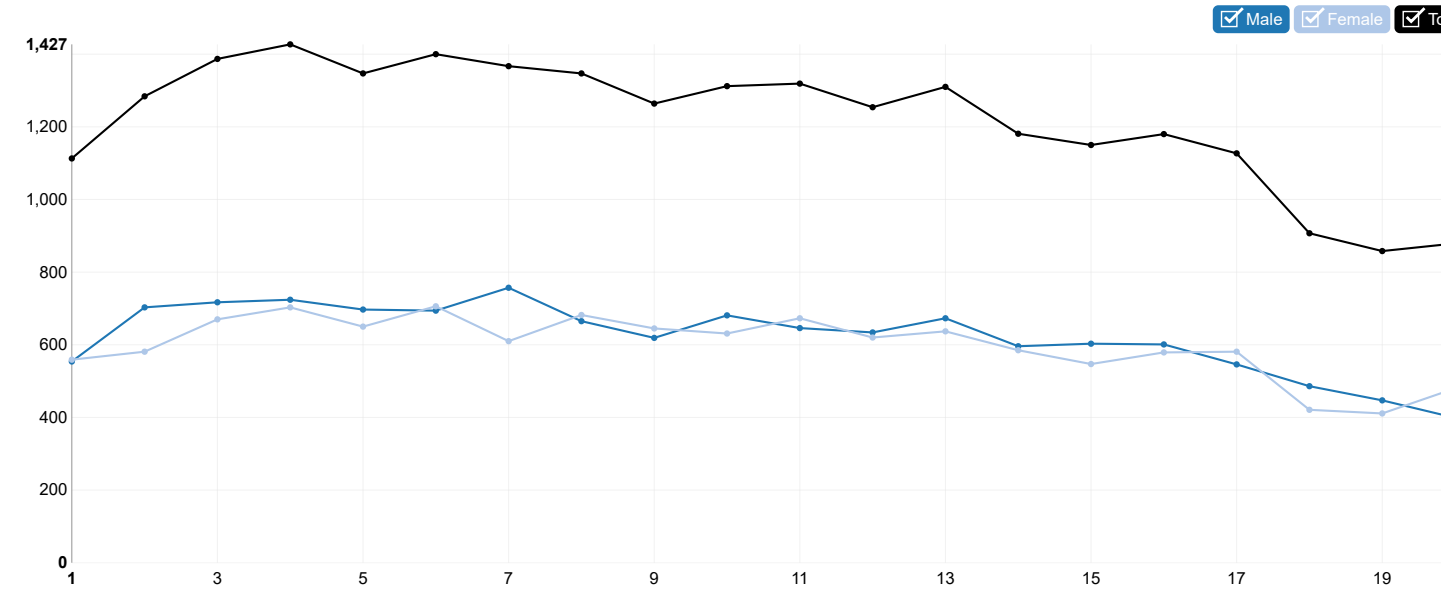


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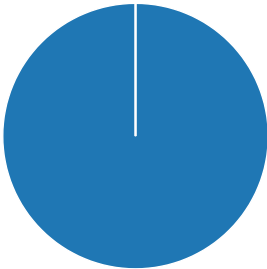
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Housing Occupancy

Primary/preferred city:
Richmond, TX

Stats and Demographics for the 77407 ZIP Code

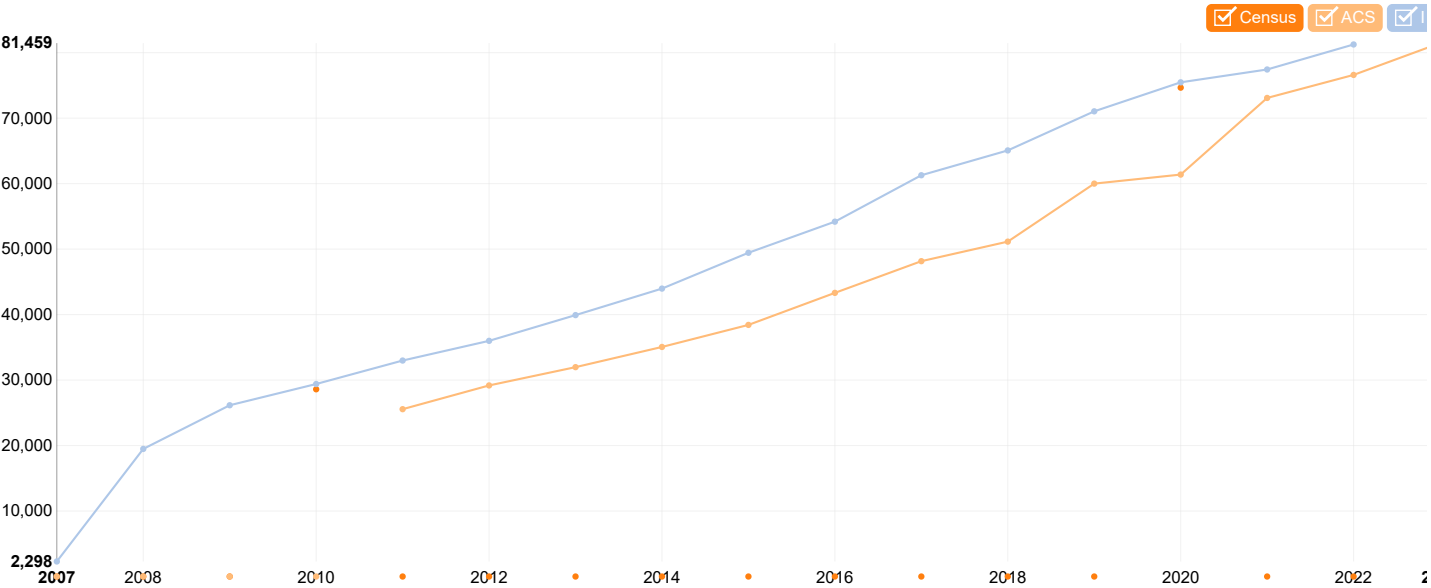
ZIP code 77407 is located in eastern Texas (/tx/) and covers a slightly less than average land area compared to other ZIP codes in the United States. It also has a slightly higher than average population density.

The people living in ZIP code 77407 are primarily Asian. The number of people in their late 20s to early 40s is extremely large while the number of seniors is small. There are also an extremely small number of single adults and a large number of families. The percentage of children under 18 living in the 77407 ZIP code is extremely large compared to other areas of the country.

Population	74,657	(source: Census)
Population Density	3,734	people per sq mi
Housing Units	23,308	(source: Census)
Median Home Value	\$353,800	(source: ACS)
Land Area	19.99	sq mi
Water Area	0.57	sq mi
Occupied Housing Units	22,060	(source: Census)
Median Household Income	\$101,595	(source: ACS)

Estimated Population over Time

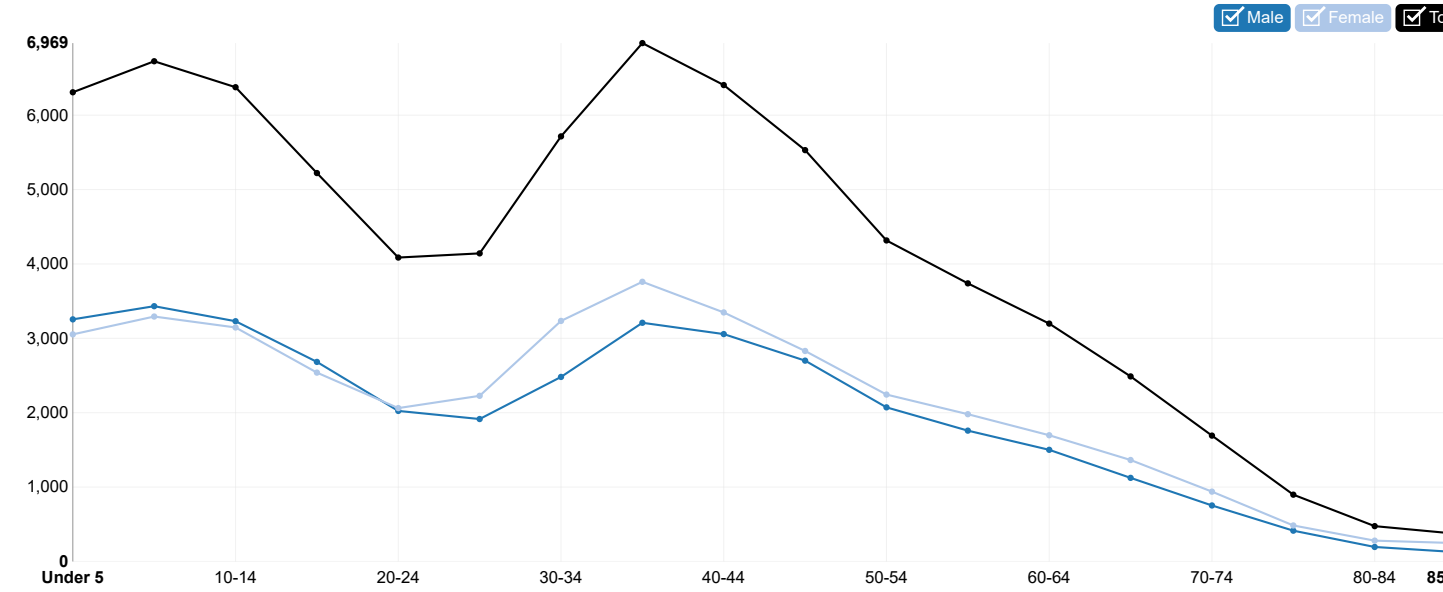
The population estimate provided by **the census is generally preferred** over the estimate provided by the ACS or IRS even if it is less recent. [Click here to learn why \(/zip-code-database/population/\)](#)



Source: U.S. Census, Census Bureau American Community Survey (ACS), Internal Revenue Services (IRS)

Total Population by Age

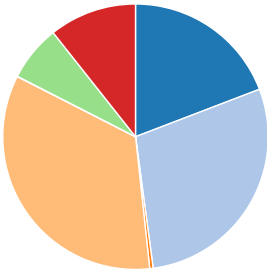
Median Age: 34 Male Median Age: 33 Female Median Age: 35



	Male	Female	Total
Under 5	3,255	3,053	6,308
5-9	3,432	3,293	6,725
10-14	3,230	3,146	6,376
15-19	2,683	2,539	5,222
20-24	2,024	2,062	4,086
25-29	1,915	2,227	4,142
30-34	2,481	3,234	5,715
35-39	3,209	3,760	6,969
40-44	3,057	3,348	6,405
45-49	2,700	2,830	5,530
50-54	2,072	2,244	4,316
55-59	1,759	1,980	3,739
60-64	1,501	1,697	3,198
65-69	1,124	1,364	2,488
70-74	753	939	1,692
75-79	414	484	898
80-84	195	280	475
85 Plus	126	247	373

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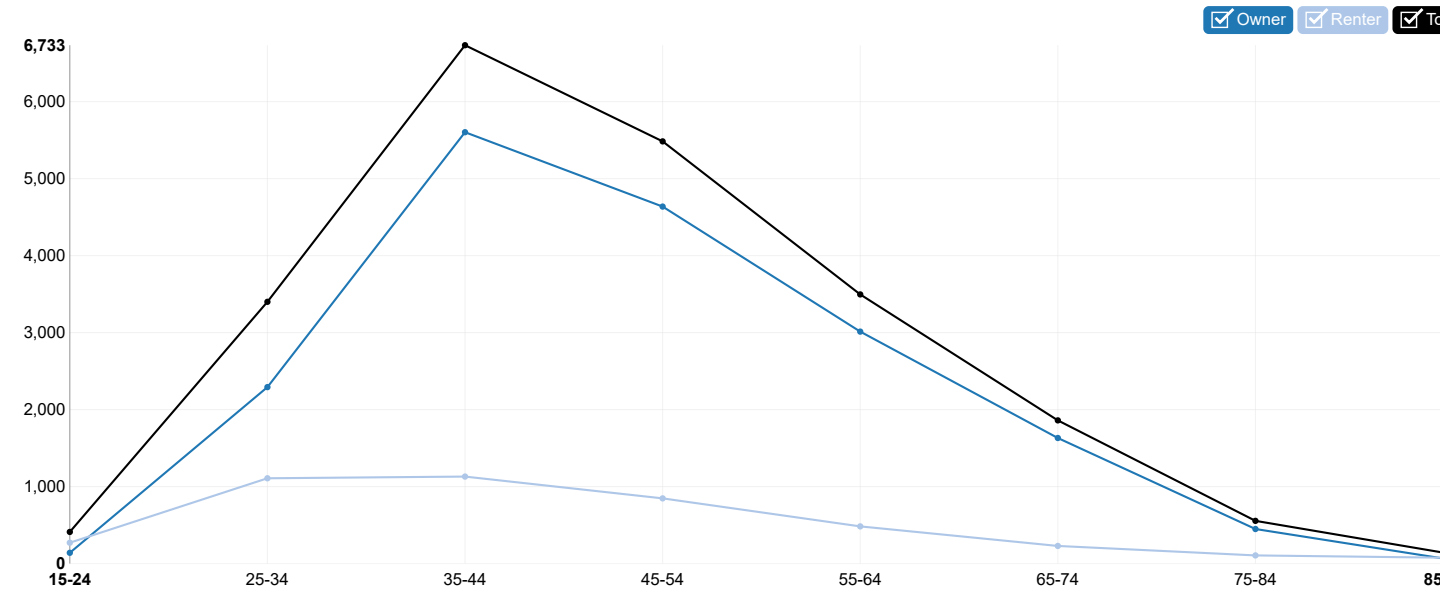
Race



☐ White	14,323	19%
☐ Black Or African American	21,417	29%
☐ American Indian Or Alaskan Native	313	< 1%
☐ Asian	25,530	34%
☐ Native Hawaiian & Other Pacific Islander	30	< 1%
☐ Other Race	5,087	7%
☐ Two Or More Races	7,957	11%

Source: U.S. Census

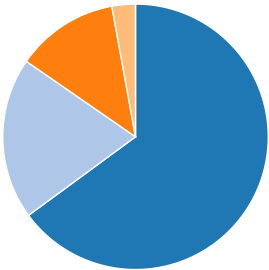
Head of Household by Age



	☐ Owner	☐ Renter	☐ Total
15-24	140	271	411
25-34	2,292	1,108	3,400
35-44	5,603	1,130	6,733
45-54	4,637	847	5,484

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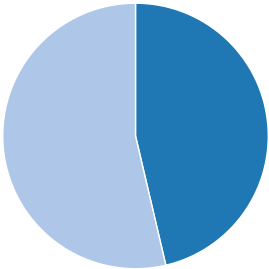
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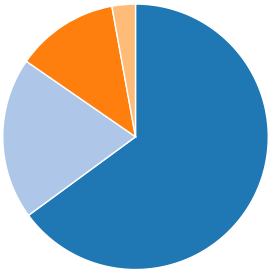
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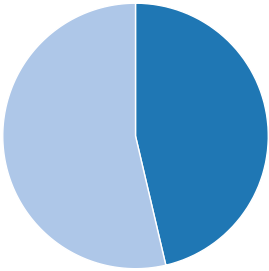
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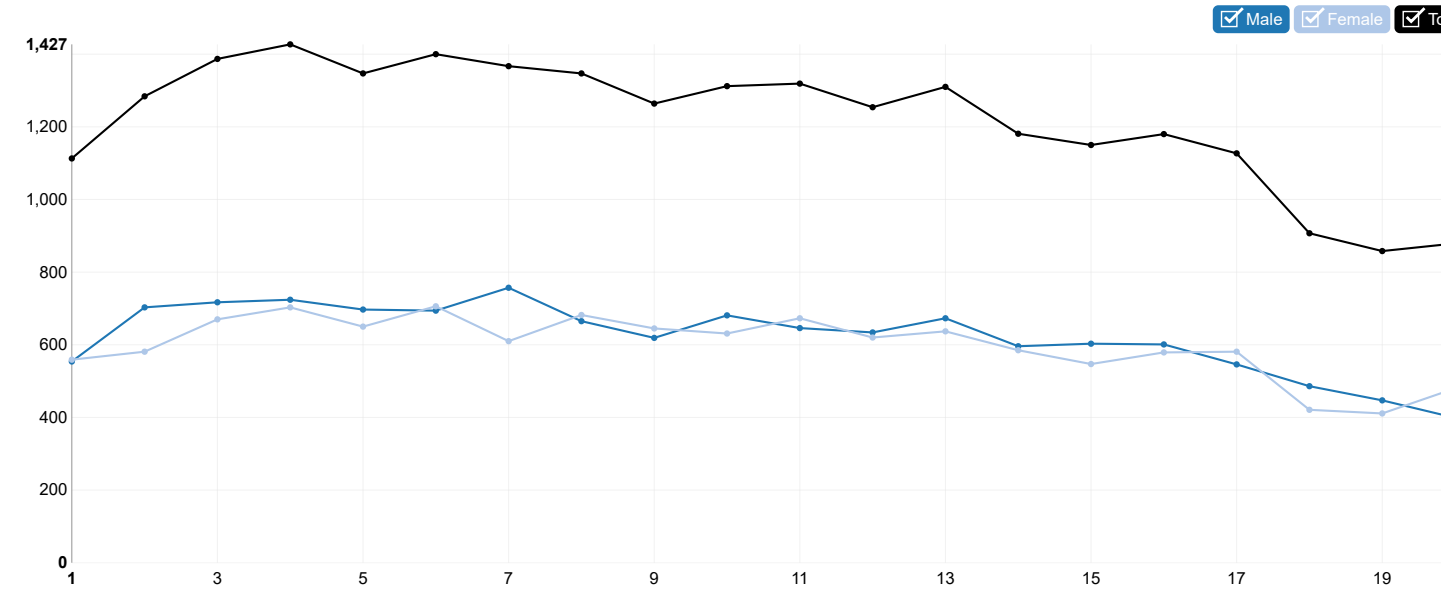


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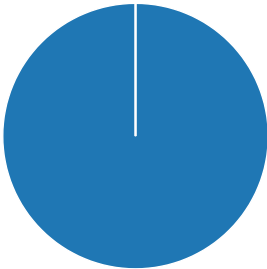
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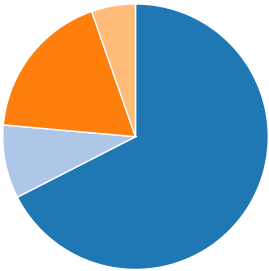
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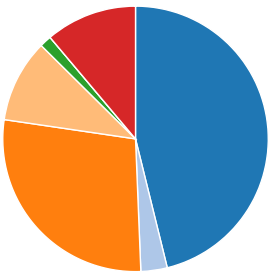
Housing Occupancy



☐ Owned Households With A Mortgage	15,727	67%
☐ Owned Households Free & Clear	2,084	9%
☐ Renter Occupied Households	4,249	18%
☐ Households Vacant	1,248	5%

Source: U.S. Census

Vacancy Reasons



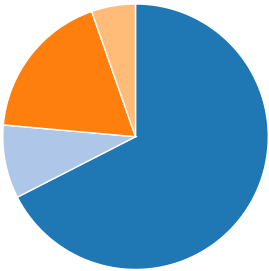
☐ For Rent	576	46%
☐ Rented & Unoccupied	40	3%
☐ For Sale Only	349	28%
☐ Sold & Unoccupied	126	10%
☐ For Season Recreational Or Occasional Use	18	1%
☐ For Migrant Workers	0	0%
☐ Vacant For Other Reasons	139	11%

Source: U.S. Census

Owner Occupied Home Values

< \$100k	543
\$100k - \$149k	90
\$150k - \$199k	362
\$200k - \$299k	4,911
\$300k - \$399k	6,881
\$400k - \$499k	3,626
\$500k - \$749k	2,050
\$750k+	286

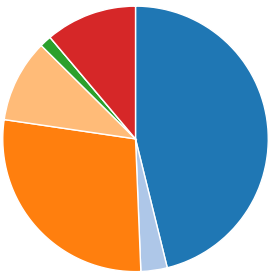
Source: Census Bureau American Community Survey



☐ Owned Households With A Mortgage	15,727	67%
☐ Owned Households Free & Clear	2,084	9%
☐ Renter Occupied Households	4,249	18%
☐ Households Vacant	1,248	5%

Source: U.S. Census

Vacancy Reasons



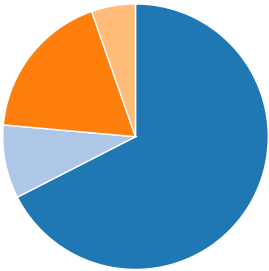
☐ For Rent	576	46%
☐ Rented & Unoccupied	40	3%
☐ For Sale Only	349	28%
☐ Sold & Unoccupied	126	10%
☐ For Season Recreational Or Occasional Use	18	1%
☐ For Migrant Workers	0	0%
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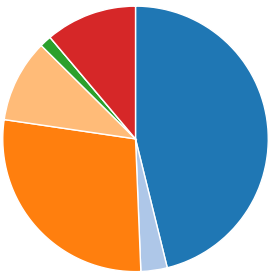
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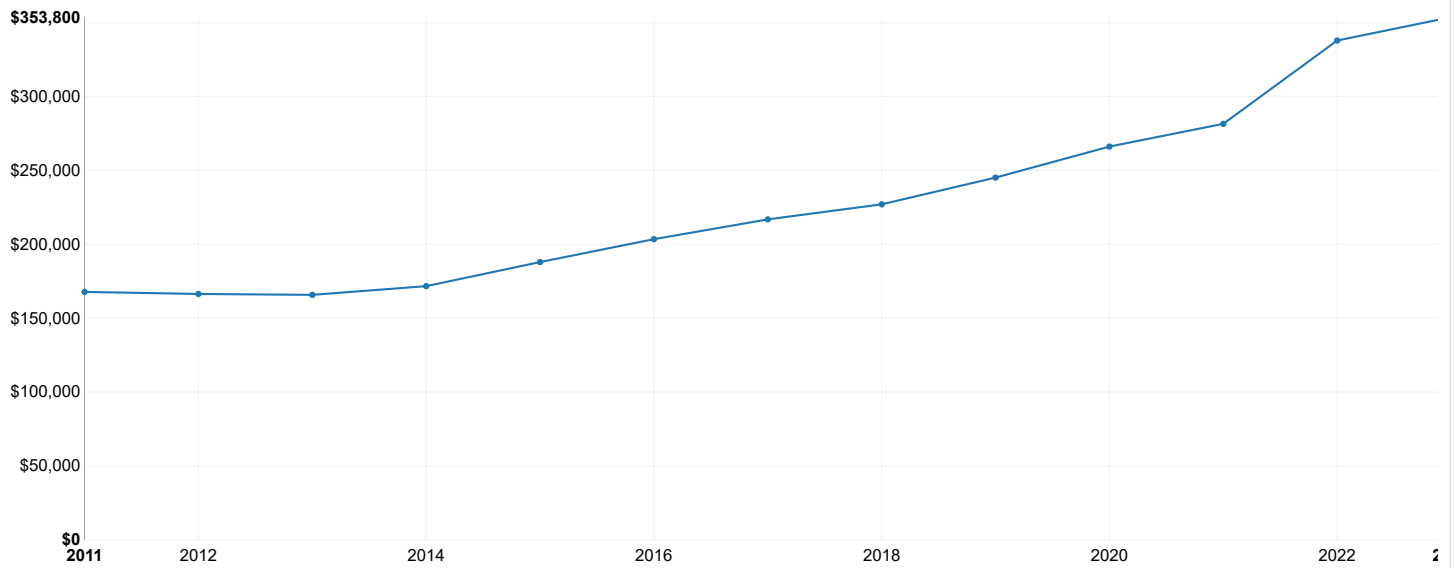
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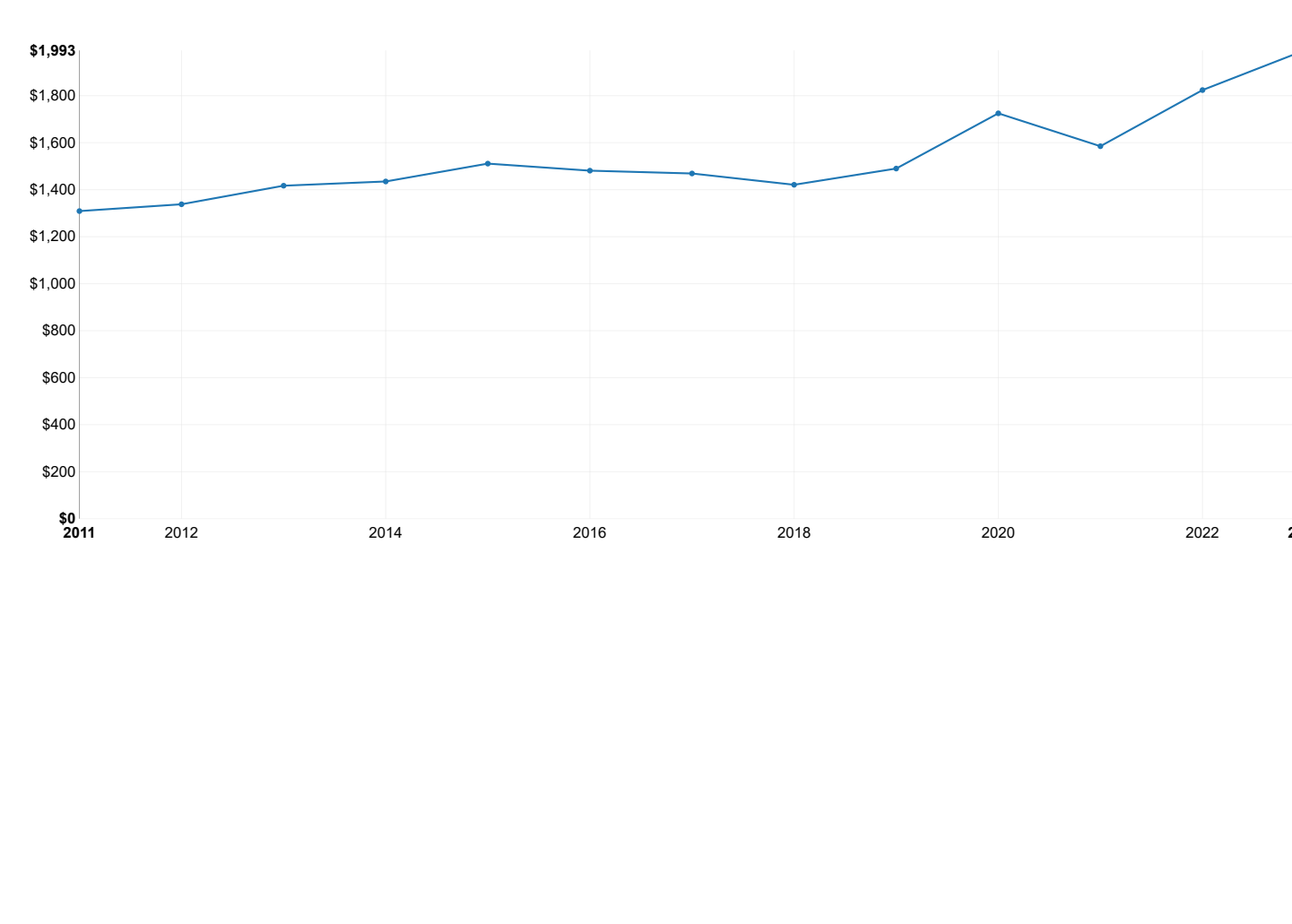
Source: Census Bureau American Community Survey

Median Home Values Over Time



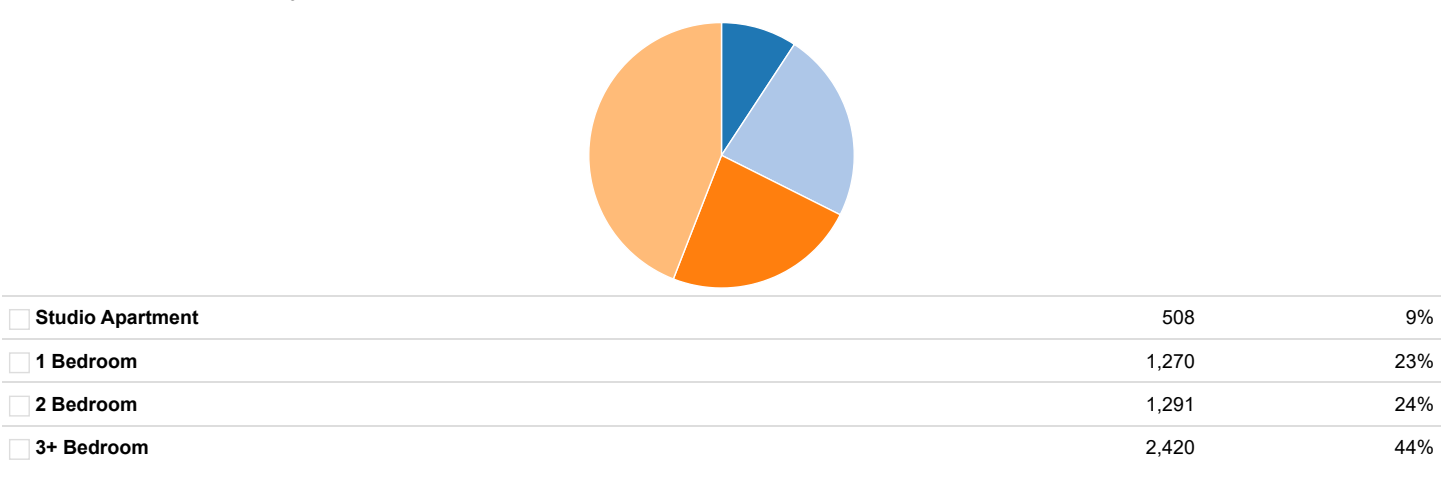
Source: Census Bureau American Community Survey (ACS)

Median Rent Over Time



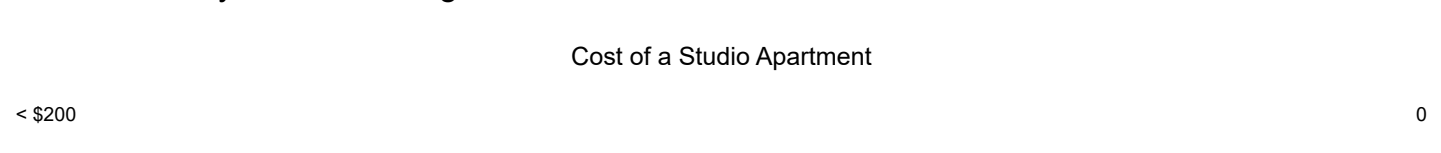
Source: Census Bureau American Community Survey (ACS)

Rental Properties by Number of Rooms



Source: Census Bureau American Community Survey

Cost of Monthly Rent Including Utilities



\$200 - \$299	0
\$300 - \$499	0
\$500 - \$749	0
\$750 - \$999	334
\$1,000+	174

Cost of a 1 Bedroom

< \$200	0
\$200 - \$299	0
\$300 - \$499	0
\$500 - \$749	0
\$750 - \$999	652
\$1,000+	487

Cost of a 2 Bedroom

< \$200	0
\$200 - \$299	0
\$300 - \$499	0
\$500 - \$749	0
\$750 - \$999	159
\$1,000+	1,106

Cost of a 3+ Bedroom

< \$200	0
\$200 - \$299	0
\$300 - \$499	0
\$500 - \$749	83
\$750 - \$999	159
\$1,000+	2,049

Source: Census Bureau American Community Survey

Employment, Income, Earnings, and Work

The median household income of \$101,595 is high compared to the rest of the country. It is also slightly less than average compared to nearby ZIP codes. While money isn't everything, residents in ZIP code 77407 earn less than in other parts of town.

As with most parts of the country, vehicles are the most common form of transportation to places of employment. A higher percentage of people in 77407 than almost anywhere in the country avoid a commute altogether by working at home. In most parts of the country, the majority of commuters get to work in under half an hour. In 77407 though, the percentage of people that make it to work in under half an hour is among the lowest. The area has an extremely high percentage of people that

most travel over 45 minutes to their place of employment. People that commute should be aware of the potentially long commute times.

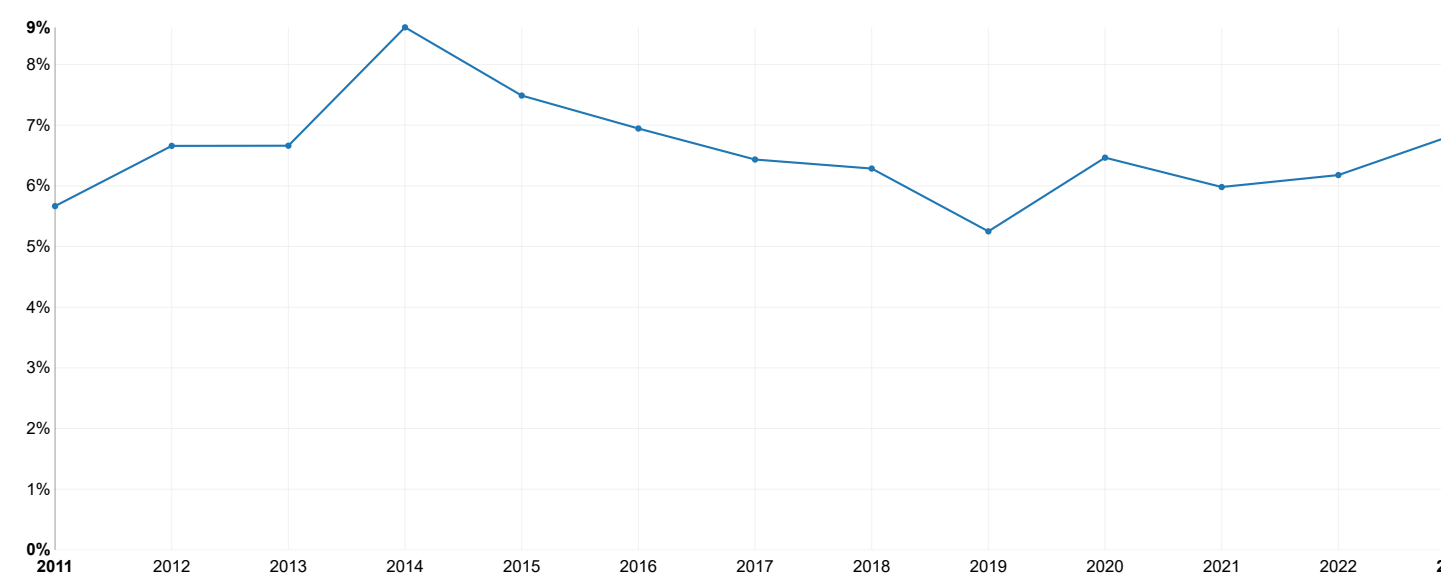
Employment Status



☐ Worked Full-time with Earnings	30,902	52%
☐ Worked Part-time with Earnings	12,576	21%
☐ No Earnings	16,126	27%

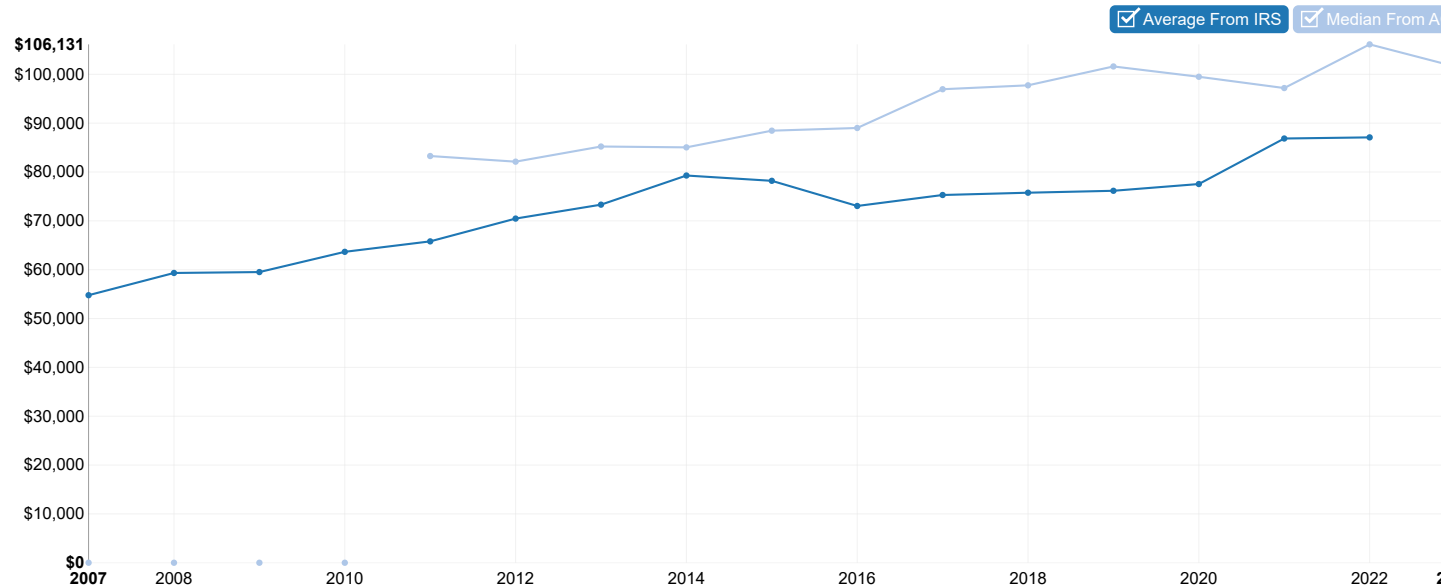
Source: Census Bureau American Community Survey

Percentage of Population in Poverty



Source: Census Bureau American Community Survey (ACS)

Household Income over Time



Source: Internal Revenue Service (IRS), Census Bureau American Community Survey (ACS)

Household Income

< \$25k	2,007
\$25k - \$44k	1,709
\$45k - \$59k	2,613
\$60k - \$99k	5,782
\$100k - \$149k	5,309
\$150k - \$199k	3,520
\$200k+	3,767

Source: Census Bureau American Community Survey

Households with Various Sources Income

The percentage of households within the ZIP that have any income from the given source is shown below. Only taxable income is reported.

Wages	86%
Business	33%

most travel over 45 minutes to their place of employment. People that commute should be aware of the potentially long commute times.

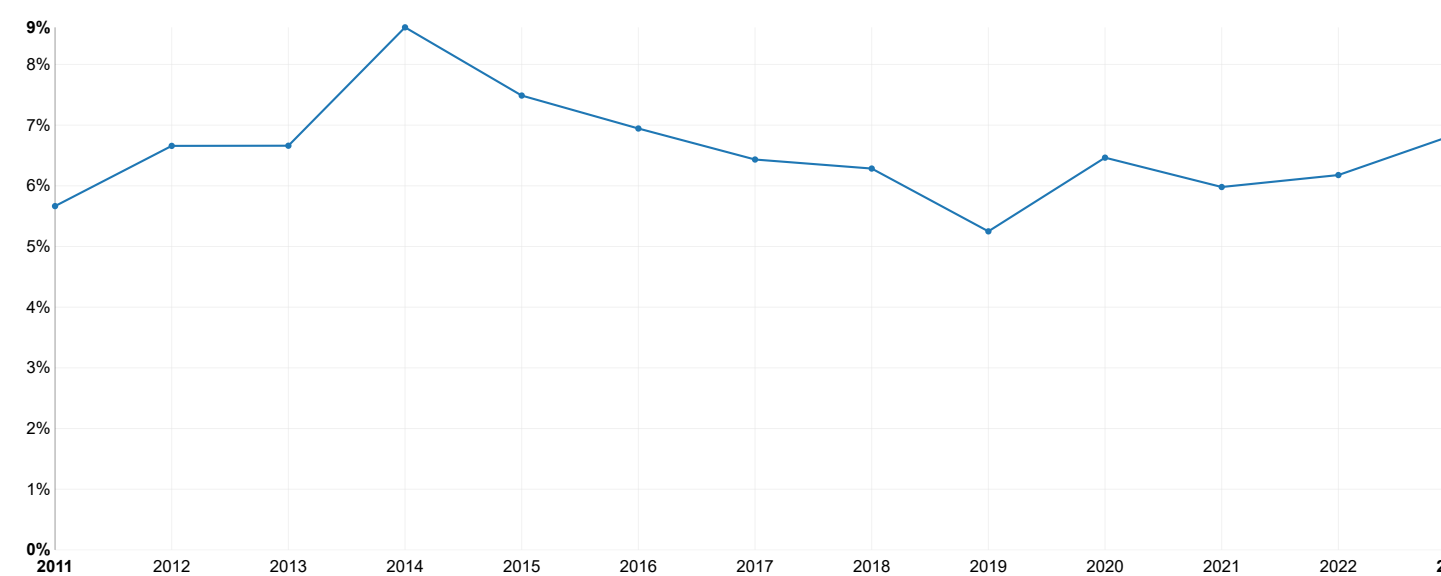
Employment Status



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Source: Census Bureau American Community Survey

Percentage of Population in Poverty



Source: Census Bureau American Community Survey (ACS)

Montessori House for Children ([//elementaryschools.org/directory/tx/cities/richmond/montessori-house-for-children/a0702245/](https://elementaryschools.org/directory/tx/cities/richmond/montessori-house-for-children/a0702245/))
20625 Lakemont Bend Ln
Richmond, TX 77407
Grade Level: Primary/Elementary
District: Private

Nearby ZIP Codes

ZIP Code 77082 (/77082/) Houston, TX Type: Standard	ZIP Code 77083 (/77083/) Houston, TX Type: Standard	ZIP Code 77406 (/77406/) Richmond, TX Type: Standard	ZIP Code 77450 (/77450/) Katy, TX Type: Standard
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Florida (/fl/)	Ohio (/oh/)
Georgia (/ga/)	Oklahoma (/ok/)
Hawaii (/hi/)	Oregon (/or/)
Idaho (/id/)	Pennsylvania (/pa/)
Illinois (/il/)	Puerto Rico (/pr/)
Indiana (/in/)	Rhode Island (/ri/)
Iowa (/ia/)	South Carolina (/sc/)
Kansas (/ks/)	South Dakota (/sd/)
Kentucky (/ky/)	Tennessee (/tn/)
Louisiana (/la/)	Texas (/tx/)
Maine (/me/)	Utah (/ut/)
Maryland (/md/)	Vermont (/vt/)
Massachusetts (/ma/)	Virginia (/va/)
Michigan (/mi/)	Washington (/wa/)
Minnesota (/mn/)	Washington, DC (/dc/)
Mississippi (/ms/)	West Virginia (/wv/)
Missouri (/mo/)	Wisconsin (/wi/)
Montana (/mt/)	Wyoming (/wy/)

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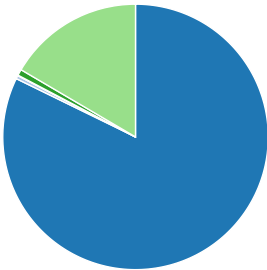
Data sources include the United States Postal Service, U.S. Census Bureau, Yahoo, and the IRS.

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Partnership	9%
Unemployment	2%
Interest	23%
Ordinary Dividends	17%
Qualified Dividends	15%
Capital Gains	19%
Retirement Distributions	15%
Social Security	6%

Source: Internal Revenue Service (IRS)

Means Of Transportation To Work for Workers 16 and Over



☐ Car, truck, or van	32,219	82%
☐ Public transportation	161	< 1%
☐ Taxicab	0	0%
☐ Motorcycle	22	< 1%
☐ Bicycle, Walked, or Other Means	292	< 1%
☐ Worked at Home	6,485	17%

Source: Census Bureau American Community Survey (ACS)

Travel Time to Work (In Minutes)

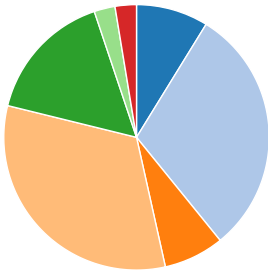
< 10	1,786
10-19	3,305
20-29	6,046
30-39	8,278
40-44	2,155
45-59	6,349
60-89	3,833
90+	942

Source: Census Bureau American Community Survey (ACS)

Schools and Education

The area has some of the highest percentages of people who attended college of any ZIP.

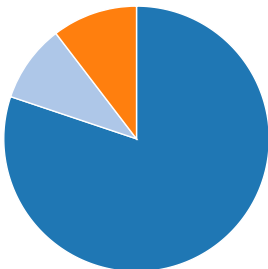
Educational Attainment For The Population 25 Years And Over



☐ Less than High School Diploma	4,478	9%
☐ High School Graduate	15,474	30%
☐ Associate's degree	3,751	7%
☐ Bachelor's degree	16,481	32%
☐ Master's degree	8,157	16%
☐ Professional school degree	1,299	3%
☐ Doctorate degree	1,325	3%

Source: Census Bureau American Community Survey (ACS)

School Enrollment (Ages 3 to 17)



☐ Enrolled in Public School	16,684	80%
☐ Enrolled in Private School	1,969	9%
☐ Not Enrolled in School	2,163	10%

Source: Census Bureau American Community Survey (ACS)

Schools in ZIP Code 77407

ZIP Code 77407 is in the following school districts: Lamar Cisd School District, School of Science and Technology Discovery School District, Fort Bend Independent School District, Harmony Public Schools - Houston West, International Leadership of Texas (Itexas) School District, and Private. There are 14 different elementary schools and high schools with mailing addresses in ZIP code 77407.

- Download a List of High Schools (<https://high-schools.com/data-request.html>)
- Download a List of Elementary Schools (<https://elementaryschools.org/data-request.html>)

Bielstein Middle School ([//high-schools.com/directory/tx/cities/richmond/bielstein-middle-school/482658022997/](https://high-schools.com/directory/tx/cities/richmond/bielstein-middle-school/482658022997/))
24730 Easton Ramsey Way
Richmond, TX 77407
Grade Level: Other/Combined or Ungraded
District: Lamar Cisd School District

Sst Sugarland ([//elementaryschools.org/directory/tx/cities/richmond/sst-sugarland/480140013693/](https://elementaryschools.org/directory/tx/cities/richmond/sst-sugarland/480140013693/))

10007 Clodine Rd
Richmond, TX 77407
Grade Level: Primary/Elementary
District: School of Science and Technology Discovery School District

Barbara Jordan Elementary ([//elementaryschools.org/directory/tx/cities/richmond/barbara-jordan-elementary/481965009242/](https://elementaryschools.org/directory/tx/cities/richmond/barbara-jordan-elementary/481965009242/))

17800 W Oaks Village Dr
Richmond, TX 77407
Grade Level: Primary/Elementary
District: Fort Bend Independent School District

David Crockett Middle School ([//elementaryschools.org/directory/tx/cities/richmond/david-crockett-middle-school/481965011219/](https://elementaryschools.org/directory/tx/cities/richmond/david-crockett-middle-school/481965011219/))

19001 Beechnut
Richmond, TX 77407
Grade Level: Middle/Elementary
District: Fort Bend Independent School District

Juan Seguin Elementary ([//elementaryschools.org/directory/tx/cities/richmond/juan-seguin-elementary/481965012016/](https://elementaryschools.org/directory/tx/cities/richmond/juan-seguin-elementary/481965012016/))

7817 Grand Mission Blvd
Richmond, TX 77407
Grade Level: Primary/Elementary
District: Fort Bend Independent School District

Carolyn and Vernon Madden Elementary ([//elementaryschools.org/directory/tx/cities/richmond/carolyn-and-vernon-madden-elementary/481965012210/](https://elementaryschools.org/directory/tx/cities/richmond/carolyn-and-vernon-madden-elementary/481965012210/))

17727 Abermore Ln
Richmond, TX 77407
Grade Level: Primary/Elementary
District: Fort Bend Independent School District

James Patterson Elementary ([//elementaryschools.org/directory/tx/cities/richmond/james-patterson-elementary/481965013336/](https://elementaryschools.org/directory/tx/cities/richmond/james-patterson-elementary/481965013336/))

18702 Beechnut St
Richmond, TX 77407
Grade Level: Primary/Elementary
District: Fort Bend Independent School District

Malala Yousafzai ([//elementaryschools.org/directory/tx/cities/richmond/malala-yousafzai/481965013453/](https://elementaryschools.org/directory/tx/cities/richmond/malala-yousafzai/481965013453/))

11770 W Aliana Trace Dr
Richmond, TX 77407
Grade Level: Primary/Elementary
District: Fort Bend Independent School District

H F Mcneill Elementary ([//elementaryschools.org/directory/tx/cities/richmond/h-f-mcneill-elementary/482658011833/](https://elementaryschools.org/directory/tx/cities/richmond/h-f-mcneill-elementary/482658011833/))

7300 S Mason Rd
Richmond, TX 77407
Grade Level: Primary/Elementary
District: Lamar Cisd School District

Sst Sugar Land College Prep High School ([//high-schools.com/directory/tx/cities/richmond/sst-sugar-land-college-prep-high-school/480140022936/](https://high-schools.com/directory/tx/cities/richmond/sst-sugar-land-college-prep-high-school/480140022936/))

10007 Clodine Rd
Richmond, TX 77407
Grade Level: Other/Secondary
District: School of Science and Technology Discovery School District

Harmony School of Innovation - Katy ([//high-schools.com/directory/tx/cities/katy/harmony-school-of-innovation-katy/480140513426/](https://high-schools.com/directory/tx/cities/katy/harmony-school-of-innovation-katy/480140513426/))

21650 Bellaire Blvd
Katy, TX 77407
Grade Level: High/Secondary
District: Harmony Public Schools - Houston West

Itexas Katy Westpark High School ([//high-schools.com/directory/tx/cities/richmond/itexas-katy-westpark-high-school/480144013413/](https://high-schools.com/directory/tx/cities/richmond/itexas-katy-westpark-high-school/480144013413/))

20055 Beechnut Rd
Richmond, TX 77407
Grade Level: High/Secondary
District: International Leadership of Texas (Itexas) School District

George Bush High School ([//high-schools.com/directory/tx/cities/richmond/george-bush-high-school/481965008562/](https://high-schools.com/directory/tx/cities/richmond/george-bush-high-school/481965008562/))

6707 Fm 1464
Richmond, TX 77407
Grade Level: High/Secondary
District: Fort Bend Independent School District

Montessori House for Children ([//elementaryschools.org/directory/tx/cities/richmond/montessori-house-for-children/a0702245/](https://elementaryschools.org/directory/tx/cities/richmond/montessori-house-for-children/a0702245/))
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Delaware (/de/)	North Dakota (/nd/)
Florida (/fl/)	Ohio (/oh/)
Georgia (/ga/)	Oklahoma (/ok/)
Hawaii (/hi/)	Oregon (/or/)
Idaho (/id/)	Pennsylvania (/pa/)
Illinois (/il/)	Puerto Rico (/pr/)
Indiana (/in/)	Rhode Island (/ri/)
Iowa (/ia/)	South Carolina (/sc/)
Kansas (/ks/)	South Dakota (/sd/)
Kentucky (/ky/)	Tennessee (/tn/)
Louisiana (/la/)	Texas (/tx/)
Maine (/me/)	Utah (/ut/)
Maryland (/md/)	Vermont (/vt/)
Massachusetts (/ma/)	Virginia (/va/)
Michigan (/mi/)	Washington (/wa/)
Minnesota (/mn/)	Washington, DC (/dc/)
Mississippi (/ms/)	West Virginia (/wv/)
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