



Administrative Package Cover Page

This file contains the following documents:

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



Portada de Paquete Administrativo

Este archivo contiene los siguientes documentos:

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



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

Summary of Application (in plain language) Template and Instructions for Texas Pollutant Discharge Elimination System (TPDES) and Texas Land Application (TLAP) Permit Applications

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

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

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

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

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

Harris County MUD 304 (CN600737183) operates Harris County MUD 304 Wastewater Treatment Plant (RN102097771), a Domestic Wastewater Treatment Plant. The facility is located at 12603 Wellington Parkway, in Houston, Harris County, Texas 77014. This application is for a Major Amendment to authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 900,000 gallons per day via plant site to Harris County Flood Control District Ditch P145-00-00, thence to Greens Bayou Above Tidal in Segment No. 1016 of the San Jacinto River Basin..

Discharges from the facility are expected to contain daily average concentrations of less than or equal to 10 mg/l of five-day Carbonaceous Biochemical Oxygen Demand (CBOD₅), 15 mg/l of Total Suspended Solids (TSS), 5 mg/l November - March and 3 mg/l April - October of Ammonia Nitrogen (NH₃-N), and 63 mg/l of *Escherichia coli* (*Ecoli*). Additional potential pollutants are included in Domestic Technical Report 1.0, section 7. Pollutant Analysis of

Treated Effluent in the permit application package is treated by an activated sludge plant operated in the complete mix mode and the treatment units will include an on-site lift station, a manual bar screen, two (2) aeration basins, two (2) final clarifiers, two (2) chlorine contact basins, a sludge pre-mix chamber, a sludge thickener, and three (3) aerobic digester basins. Chemical disinfection is achieved by chlorine gas.

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

AGUAS RESIDUALES DOMESTICAS /AGUAS PLUVIALES

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

El Distrito de Servicios Públicos del Condado de Harris 304 (CN600737183) opera la instalación de tratamiento de aguas residuales domesticas del Distrito de Servicios Públicos Municipales del Condado de Harris 304 (RN102097771), una instalación de tratamiento de aguas residuales domesticas. La instalación está ubicada en 12603 Parkway, en Houston, Condado de Harris, Texas 77014. Esta solicitud es para una renovación para autorizar la descarga de aguas residuales tratadas a un volumen que no exceda un flujo promedio diario de 900,000 galones por día a través del sitio de la planta a un afluente llamado Zanja del Distrito de Control de Inundaciones del Condado de Harris P145-00-00, de allí a Greens Bayou sobre la marea del Segmento No.1016 de la cuenca del rio San Jacinto.

Se espera que las descargas de la instalación contengan concentraciones bioquímicas medias diarias menos o iguales a 10 mg/l de oxígeno de cinco-días (CBOD₅), 15 mg/l de solidos suspendidos totales (TSS), 5 mg/l Noviembre - Marzo y 3 mg/l April - Octubre de nitrógeno amoniacal (NH₃-N) y 63 mg/l de *Escherichia coli* (*Ecoli*). Otros contaminantes potenciales están incluidos en el paquete de solicitud de permiso en el informe Técnico Nacional 1.0, Sección 7- Análisis de Contaminantes de Efluentes Tratados. Las aguas residuales domesticas. están tratado por una planta de proceso de lodos activados, planta de modo mezcla completa y las unidades de tratamiento incluirán una estación de bombeo de efluentes, una pantalla fina manual, dos (2) tanque de aireaciones, dos (2) clarificadores finales, dos (2) tanque de contacto con cloros, una cámara de premezcla de lodos, un espesante de lodo y tres (3) digestores aeróbicos. La desinfección química se logra mediante gas cloro.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



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

PERMIT NO. WQ0013564001

APPLICATION. Harris County Municipal Utility District No. 304, 24624 Interstate 45 North, Suite 200, The Woodlands, Texas 77380 has applied to the Texas Commission on Environmental Quality (TCEQ) to amend Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0013564001 (EPA I.D. No. TX0097225) to authorize an increase to the discharge of treated wastewater to a volume not to exceed a daily average flow of 900,000 gallons per day. The domestic wastewater treatment facility is located at, 120603 Wellington Parkway, near the city of Houston, in Harris County, Texas 77014. The discharge route is from the plant site to Harris County Flood Control District Ditch; thence to Greens Bayou Above Tidal. TCEQ received this application on May 8, 2025. The permit application will be available for viewing and copying at Aldine Branch Library, 11331 Airline Drive, Houston, in Harris County, Texas, 77037. 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=-95.466111,29.973611&level=18>

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

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

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

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

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

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

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

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

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

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

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

Further information may also be obtained from Harris County Municipal Utility District No. 304 at the address stated above or by calling Ms. Brook Pope, P.E., Project Manager, HRA Engineering, Inc., at 713-337-7489.

Issuance Date: June 19, 2025

Comisión de Calidad Ambiental del Estado de Texas



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

PERMISO NO. WQ0013564001

SOLICITUD. El Distrito de Servicios Publicos del Condado de Harris 304, 24624 Interstate 45 North, Suite 200, The Woodlands, Texas 77380, ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para renovar el Permiso No. WQ0013564001 (EPA I.D. No. TX0097225) 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 900,000 galones por día. La planta está ubicada 120603 Parkway en Houston en el Condado de Harris, Texas 77014. La ruta de descarga es desde el sitio de la planta hasta la zanja del Distrito de Control de Inundaciones del Condado de Harris; de ahí a Greens Bayou por encima de la marea. TCEQ recibió esta solicitud el 8 de mayo de 2025. La solicitud para el permiso estará disponible para leerla y copiarla en la biblioteca de Aldine Branch, 11331 Airline Drive, en Houston en el condado de Harris, Texas 77037 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=-95.466111,29.973611&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 El Distrito de Servicios Públicos Municipales del Condado de Harris No. 304 a la dirección indicada arriba o llamando a la Sra. Brook Pope, P.E., gerente de proyecto/EHRA Engineering, Inc., al 713-337-7489.

Fecha de emisión: 19 de junio de 2025

**TCEQ DOMESTIC WASTEWATER PERMIT APPLICATION
FOR
HARRIS COUNTY MUD NO. 304
WASTEWATER TREATMENT PLANT**

**APPLICATION FOR MAJOR AMENDMENT AND RENEWAL
TO
TPDES NO. WQ0013564001**



May 2025

Prepared By:



10011 Meadowglen Ln.
Houston, Texas 77042
EHRAinc.com | 713.784.4500
T8PE No. F-726 | T8PLS No. 10092300

EHRA Job No. 151-057-27

**Harris County MUD No. 304
Wastewater Treatment Plant
Major Amendment to TPDES Permit**

List of Exhibits and Attachments

List of Exhibits

- Exhibit 1 – USGS Aldine Quad Map
(Corresponds to Administrative Report 1.0, Item 13, Page 10 of 17)
- Exhibit 2 – Affected Landowner Map
(Corresponds to Administrative Report 1.1, Item 1.A, Page 12 of 17)
- Exhibit 3 – Original Photographs
(Corresponds to Administrative Report 1.1, Item 2, Page 13 of 17)
- Exhibit 4 – Buffer Zone Map
(Corresponds to Administrative Report 1.1, Item 3.A, Page 13 of 17)
- Exhibit 5A – Process Flow Diagram – Existing Phase
(Corresponds to Technical Report 1.0, Item 2.C, Page 2 of 66)
- Exhibit 5B – Process Flow Diagram – Final Phase
(Corresponds to Technical Report 1.0, Item 2.C, Page 2 of 66)
- Exhibit 6A – Service Area Map
(Corresponds to Technical Report 1.0, Item 3, Page 3 of 66)
- Exhibit 6B – Site Layout
(Corresponds to Technical Report 1.0, Item 3, Page 3 of 66)
- Exhibit 7 – Nearby WWTP Correspondence
(Corresponds to Technical Report 1.1, Item 1.B.3, Page 20 of 66)

List of Attachments

- Attachment 1 – TCEQ Core Data Form
(Corresponds to Administrative Report 1.0, Item 3.C, Page 4 of 17)
- Attachment 2 – Plain Language Summary
(Corresponds to Administrative Report 1.0, Item 8.F, Page 7 of 17)
- Attachment 3 – Public Involvement Plan Form
(Corresponds to Administrative Report 1.0, Item 8.G, Page 7 of 17)
- Attachment 4 – Discharge Authorization Request Letter
(Corresponds to Administrative Report 1.0, Item 10.C, Page 9 of 17)
- Attachment 5 – Corresponding List of Affected Landowners
(Corresponds to Administrative Report 1.1, Item 1.B, Page 12 of 17)
- Attachment 6 – 4 Sets of Labels of Affected Landowner's Addresses
(Corresponds to Administrative Report 1.1, Item 1.C, Page 12 of 17)
- Attachment 7 – Supplemental Permit Information Form
(Corresponds to Administrative Report 1.0, Page 14 of 17)
- Attachment 8 – Treatment Unit Sizes
(Corresponds to Technical Report 1.0, Item 2.B, Page 2 of 66)
- Attachment 9 – Pollutant Analysis Lab Results
(Corresponds to Technical Report 1.0, Item 7, Page 9 of 66)
- Attachment 10 – Sludge Acceptance Agreement
(Corresponds to Technical Report 1.0, Item 9.A, Page 11 of 66)

Attachment 11 Capacity Request Correspondence

(Corresponds to Technical Report 1.1, Item 1.B.3, Page 20 of 66)

Attachment 12A – Design Calculations

(Corresponds to Technical Report 1.1, Item 4, Page 22 of 66)

Attachment 12B – Design Features

(Corresponds to Technical Report 1.1, Item 4, Page 22 of 66)

Attachment 13 – Wind Rose

(Corresponds to Technical Report 1.1, Item 5.B, Page 23 of 66)

Attachment 14 – Sewage Sludge Solids Management Plan

(Corresponds to Technical Report 1.1, Item 7, Page 23 of 66)



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST

Complete and submit this checklist with the application.

APPLICANT NAME: Harris County Municipal Utility District No. 304

PERMIT NUMBER (If new, leave blank): WQ00 13564001

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

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

For TCEQ Use Only

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



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

**DOMESTIC WASTEWATER PERMIT APPLICATION
ADMINISTRATIVE REPORT 1.0**

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

Section 1. Application Fees (Instructions Page 26)

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

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

Minor Amendment (for any flow) \$150.00 ☐

Payment Information:

Mailed Check/Money Order Number: 059042
Check/Money Order Amount: \$1,650.00
Name Printed on Check: EHRA Engineering

EPAY Voucher Number: Click to enter text.

Copy of Payment Voucher enclosed? Yes ☐

Section 2. Type of Application (Instructions Page 26)

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

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

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

- ☒ Active ☐ Inactive

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

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

d. Check the box next to the appropriate application type

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

e. For amendments or modifications, describe the proposed changes: Increasing ultimate average daily flow from 0.65 MGD to 0.90 MGD to accommodate future population/development.

f. For existing permits:

Permit Number: WQ00 13564001

EPA I.D. (TPDES only): TX 0097225

Expiration Date: May 24, 2029

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

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

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

Harris County Municipal Utility District No. 304

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

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

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

CN: 600737183

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

Prefix: Click to enter text.

Last Name, First Name: Mayo, Sharon

Title: President, Board of Directors Credential: Click to enter text.

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

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

Not Applicable

(The legal name must be spelled exactly as filed with the TX SOS, with the County, or in the

legal documents forming the entity.)

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

CN: Click to enter text.

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

Prefix: Click to enter text.

Last Name, First Name: Click to enter text.

Title: Click to enter text.

Credential: Click to enter text.

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

C. Core Data Form

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

Section 4. Application Contact Information (Instructions Page 27)

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

A. Prefix: Ms.

Last Name, First Name: Pope, Brook

Title: Project Manager

Credential: P.E.

Organization Name: EHRA Engineering, Inc

Mailing Address: 10011 Meadowglen Lane City, State, Zip Code: Houston, TX, 77042

Phone No.: 713.337.7489

E-mail Address: bpope@ehra.team

Check one or both: ☒ Administrative Contact ☒ Technical Contact

B. Prefix: Mr.

Last Name, First Name: Romero, Cesar

Title: Engineer III

Credential:

Organization Name: EHRA Engineering, Inc

Mailing Address: 10011 Meadowglen Lane City, State, Zip Code: Houston, TX, 77042

Phone No.: 713.784.4500

E-mail Address: cromero@ehra.team

Check one or both: ☒ Administrative Contact ☒ Technical Contact

Section 5. Permit Contact Information (Instructions Page 27)

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

A. Prefix: Ms.

Last Name, First Name: Pope, Brook

Title: Project Manager

Credential: P.E.

Organization Name: EHRA Engineering, Inc

Mailing Address: 10011 Meadowglen Lane City, State, Zip Code: Houston, TX, 77042

Phone No.: 713.337.7489

E-mail Address: bpope@ehra.team

B. Prefix: Mr.

Last Name, First Name: Romero, Cesar

Title: Engineer III

Credential:

Organization Name: EHRA Engineering, Inc

Mailing Address: 10011 Meadowglen Lane City, State, Zip Code: Houston, TX, 77042

Phone No.: 713.784.4500

E-mail Address: cromero@ehra.team

Section 6. Billing Contact Information (Instructions Page 27)

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

Prefix: Click to enter text.

Last Name, First Name: Ray, Nannette

Title: Bookkeeper

Credential: Click to enter text.

Organization Name: TNR Advisors & Management Consultants LLC

Mailing Address: 24285 Kay FWY STE 300-54 City, State, Zip Code: Katy, TX, 77494

Phone No.: 713.489.4411

E-mail Address: bookkeeper@hcmud304.com

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

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

Prefix: Mr.

Last Name, First Name: Bonaventure, Tony

Title: Operator

Credential: Click to enter text.

Organization Name: Precision Utility LLC

Mailing Address: PO Box 1852

City, State, Zip Code: Crosby, TX, 77532

Phone No.: 281.456.9825

E-mail Address: tonyb@precisionutility.biz

Section 8. Public Notice Information (Instructions Page 27)

A. Individual Publishing the Notices

Prefix: Mr.

Last Name, First Name: Romero, Cesar

Title: Engineer III

Credential: Click to enter text.

Organization Name: EHRA Engineering, Inc

Mailing Address: 10011 Meadowglen Lane City, State, Zip Code: Houston, TX, 77042

Phone No.: 713.784.4500

E-mail Address: cromero@ehra.team

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

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

☒ E-mail Address

☐ Fax

☒ Regular Mail

C. Contact permit to be listed in the Notices

Prefix: Ms.

Last Name, First Name: Pope, Brook

Title: Project Manager

Credential: P.E.

Organization Name: EHRA Engineering, Inc

Mailing Address: 10011 Meadowglen Lane City, State, Zip Code: Houston, TX, 77042

Phone No.: 713.337.7489

E-mail Address: bpope@ehra.team

D. Public Viewing Information

If the facility or outfall is located in more than one county, a public viewing place for each county must be provided.

Public building name: Harris County Public Library – Aldine Branch

Location within the building: Reference Desk

Physical Address of Building: 11331 Airline Drive

City: Houston

County: Harris

Contact (Last Name, First Name): Hershiira Boone-Rodgers

Phone No.: 832.927.5410 Ext.: ald@hcpl.net

E. Bilingual Notice Requirements

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

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

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

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

☒ Yes

☐ No

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

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

☒ Yes

☐ No

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

☐ Yes ☒ No

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

☐ Yes ☒ No

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

F. Plain Language Summary Template

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

Attachment: **SEE ATTACHMENT 2**

G. Public Involvement Plan Form

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

Attachment: **SEE ATTACHMENT 3**

Section 9. Regulated Entity and Permitted Site Information (Instructions Page 29)

A. If the site is currently regulated by TCEQ, provide the Regulated Entity Number (RN) issued to this site. RN 102097771

Search the TCEQ's Central Registry at <http://www15.tceq.texas.gov/crpub/> to determine if the site is currently regulated by TCEQ.

B. Name of project or site (the name known by the community where located):

Harris County MUD No. 304 Wastewater Treatment Plant

C. Owner of treatment facility: Harris County MUD No. 304

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

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

Prefix: Click to enter text. Last Name, First Name: Click to enter text.

Title: Click to enter text. Credential: Click to enter text.

Organization Name: Harris County MUD No. 304 c/o Roach & Associated, PLLC

Mailing Address: 2001 Timberloch Place STE 500 City, State, Zip Code: Woodlands, TX, 77380

Phone No.: 832.789.1899 E-mail Address: jonathan@roachpllc.com

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

Attachment: **N/A**

E. Owner of effluent disposal site:

Prefix: N/A

Last Name, First Name: Click to enter text.

Title: Click to enter text.

Credential: Click to enter text.

Organization Name: Click to enter text.

Mailing Address: Click to enter text.

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

Phone No.: Click to enter text.

E-mail Address: Click to enter text.

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

Attachment: Click to enter text.

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

Prefix: N/A

Last Name, First Name: Click to enter text.

Title: Click to enter text.

Credential: Click to enter text.

Organization Name: Click to enter text.

Mailing Address: Click to enter text.

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

Phone No.: Click to enter text.

E-mail Address: Click to enter text.

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

Attachment: Click to enter text.

Section 10. TPDES Discharge Information (Instructions Page 31)

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

☒ Yes ☐ No

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

Click to enter text.

B. Are the point(s) of discharge and the discharge route(s) in the existing permit correct?

☒ Yes ☐ No

If **no**, or a new or amendment permit application, provide an accurate description of the point of discharge and the discharge route to the nearest classified segment as defined in 30 TAC Chapter 307:

Click to enter text.

City nearest the outfall(s): Houston

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

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

☒ Yes ☐ No

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

☐ Authorization granted ☒ Authorization pending

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

Attachment: SEE ATTACHMENT 4

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

Section 11. TLAP Disposal Information (Instructions Page 32)

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

☐ Yes ☐ No

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

N/A

- B. City nearest the disposal site: Click to enter text.

- C. County in which the disposal site is located: Click to enter text.

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

Click to enter text.

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

Section 12. Miscellaneous Information (Instructions Page 32)

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

☐ Yes ☒ No

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

☐ Yes ☐ No ☒ Not Applicable

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

Click to enter text.

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

☐ Yes ☒ No

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

D. Do you owe any fees to the TCEQ?

☐ Yes ☒ No

If yes, provide the following information:

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

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

E. Do you owe any penalties to the TCEQ?

☐ Yes ☒ No

If yes, please provide the following information:

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

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

Section 13. Attachments (Instructions Page 33)

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

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

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

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

☐ Attachment 1 for Individuals as co-applicants

☒ Other Attachments. Please specify: Core Data Form, Sludge Acceptance Letter

Section 14. Signature Page (Instructions Page 34)

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

Permit Number: WQ0013564001

Applicant: Harris County Municipal Utility District No. 304

Certification:

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

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

Signatory name (typed or printed): Sharon Mayo

Signatory title: President, Board of Directors

Signature: _____

Sharon Mayo

Date: _____

6.20.24

(Use blue ink)

Subscribed and Sworn to before me by the said _____

SHARON MAYO

on this _____

20th

day of _____

JUNE

, 20 _____

24

My commission expires on the _____

4

day of _____

NOV

, 20 _____

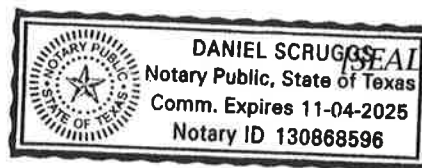
25

[Signature]

Notary Public

HARRIS

County, Texas



DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

The following information is required for new and amendment applications.

Section 1. Affected Landowner Information (Instructions Page 36)

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

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

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

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

- ☐ USB Drive ☒ Four sets of labels

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

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

- ☐ Yes ☒ No

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

N/A

Section 2. Original Photographs (Instructions Page 38)

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

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

Section 3. Buffer Zone Map (Instructions Page 38)

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

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

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

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

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

- ☒ Yes ☐ No

DOMESTIC WASTEWATER PERMIT APPLICATION

SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

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

Attachment: SEE ATTACHMENT 7



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): 0.65

2-Hr Peak Flow (MGD): 2.60

Estimated construction start date: N/A

Estimated waste disposal start date: July 1985

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): 0.90

2-Hr Peak Flow (MGD): 3.60

Estimated construction start date: January 2026

Estimated waste disposal start date: January 2027

D. Current Operating Phase

Provide the startup date of the facility: July 1985

Section 2. Treatment Process (Instructions Page 43)

A. Current Operating Phase

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

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

The existing WWTP is currently operating at 0.40 MGD which is less than the approved permit of 0.65 MGD. The existing WWTP was designed with the standards from 1984. TCEQ's most recent standards (adopted 2015), conclude the existing plant is undersized. This major amendment includes provisions to expand the WWTP capacity to account for the 0.25MGD discrepancy of the existing flow and permit as well as the additional 0.25 MGD to accommodate further development. See Attachment 8 for the sizing discrepancy of the existing plant. The existing WWTP is an activated sludge facility operated in complete mix mode. Process units include an on-site lift station, a manual bar screen, one (1) aeration basin, one (1) final clarifier, one (1) chlorine contact basin, a sludge pre-mix chamber, a sludge thickener, and one (1) aerobic digester basin. The proposed expansion will include the following additional treatment units: one (1) aeration basin, one (1) clarifier, two (2) aerobic digestors, and one (1) chlorine contact chamber with baffle walls.

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 8		

C. Process Flow Diagram

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

Attachment: **SEE EXHIBITS 5A & 5B**

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° 58' 24" N
- Longitude: 95° 27' 59" W

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

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

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

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

Attachment: SEE EXHIBIT 6A & 6B

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

The facility serves HC MUD No. 304 a 664 acre tract that is a single-family residential development with light commercial.

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
Harris County MUD No. 304 Collection System	Harris County MUD 304	Publicly Owned	3,000
		Choose an item.	
		Choose an item.	
		Choose an item.	

Section 4. Unbuilt Phases (Instructions Page 45)

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

☒ Yes ☐ No

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

☐ Yes ☒ No

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

Click to enter text.

Section 5. Closure Plans (Instructions Page 45)

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

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: 1985

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

N/A

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.

Click to enter text.

C. Other actions required by the current permit

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

☐ Yes ☒ No

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

Click to enter text.

D. Grit and grease treatment

1. Acceptance of grit and grease waste

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

☐ Yes ☒ No

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

2. Grit and grease processing

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

Click to enter text.

3. Grit disposal

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

☐ Yes ☐ No

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

Describe the method of grit disposal.

[Click to enter text.](#)

4. Grease and decanted liquid disposal

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

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

[Click to enter text.](#)

E. Stormwater management

1. Applicability

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

☐ Yes ☒ No

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

☐ Yes ☒ No

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

2. MSGP coverage

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

☐ Yes ☐ No

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

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

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

☐ Yes ☐ No

3. Conditional exclusion

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

☐ Yes ☐ No

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

Click to enter text.

4. Existing coverage in individual permit

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

☐ Yes ☐ No

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

Click to enter text.

5. Zero stormwater discharge

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

☐ Yes ☐ No

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

Click to enter text.

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

6. Request for coverage in individual permit

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

☐ Yes ☐ No

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

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

[Click to enter text.](#)

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

F. Discharges to the Lake Houston Watershed

Does the facility discharge in the Lake Houston watershed?

☐ Yes ☒ No

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

[Click to enter text.](#)

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

1. Acceptance of sludge from other WWTPs

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

☐ Yes ☒ No

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

In addition, provide the date the plant started or is anticipated to start accepting sludge, an estimate of monthly sludge acceptance (gallons or millions of gallons), an estimate of the BOD₅ concentration of the sludge, and the design BOD₅ concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.

[Click to enter text.](#)

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

2. Acceptance of septic waste

Is the facility accepting or will it accept septic waste?

☐ Yes ☒ No

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

☐ Yes ☐ No

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

☐ Yes ☐ No

If **yes to any of the above**, provide the date the plant started or is anticipated to start accepting septic waste, an estimate of monthly septic waste acceptance (gallons or millions of gallons), an estimate of the BOD₅ concentration of the septic waste, and the design BOD₅ concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.

Click to enter text.

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

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

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

☐ Yes ☒ No

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

Click to enter text.

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

Is the facility in operation?

☒ Yes ☐ No

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

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

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

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

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
CBOD ₅ , mg/l	4.62	4.62	1	COMP	5-14-24/15:05
Total Suspended Solids, mg/l	12.9	12.9	1	COMP	5-14-24/15:05
Ammonia Nitrogen, mg/l	0.07	0.07	1	COMP	5-14-24/15:05
Nitrate Nitrogen, mg/l	29.1	29.1	1	COMP	5-14-24/15:05
Total Kjeldahl Nitrogen, mg/l	<1.00U	<1.00U	1	COMP	5-14-24/15:05
Sulfate, mg/l	21.0	21.0	1	COMP	5-14-24/15:05
Chloride, mg/l	144.0	144.0	1	COMP	5-14-24/15:05
Total Phosphorus, mg/l	4.44	4.44	1	COMP	5-14-24/15:05
pH, standard units	7.1	7.1	1	COMP	5-14-24/15:05
Dissolved Oxygen*, mg/l	3.33	3.33	1	COMP	5-14-24/15:05
Chlorine Residual, mg/l	3.30	3.30	1	COMP	5-14-24/15:05
<i>E.coli</i> (CFU/100ml) freshwater	11.0	11.0	1	COMP	5-14-24/15:05
Enterococci (CFU/100ml) saltwater	N/A	N/A	N/A	N/A	N/A
Total Dissolved Solids, mg/l	548.0	548.0	1	COMP	5-14-24/15:05
Electrical Conductivity, μ mohs/cm, †	923.0	923.0	1	GRAB	5-14-24/15:05
Oil & Grease, mg/l	<5.00	<5.00	1	GRAB	5-14-24/15:05
Alkalinity (CaCO ₃)*, mg/l	253.0	253.0	1	COMP	5-14-24/15:05

*TPDES permits only

†TLAP permits only

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

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

Section 8. Facility Operator (Instructions Page 50)

Facility Operator Name: Craig L. BarronFacility Operator's License Classification and Level: Wastewater Treatment Operator - Class BFacility Operator's License Number: WW0053619

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		Class B: Density of Fecal Coliform	Option 4: SOUR ≤ 1.5 mg O ₂ /hr/g total solids at 20C ($< 2\%$ solids)
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.

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

D. Disposal site

Disposal site name: Mounity Houston Wastewater Treatment Plant

TCEQ permit or registration number: WQ0011154001

County where disposal site is located: Harris

E. Transportation method

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

Name of the hauler: Magna Flow

Hauler registration number: TCEQ No. 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	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Marketing and Distribution of sludge	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Sludge Surface Disposal or Sludge Monofill	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Temporary storage in sludge lagoons	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

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

☐ Yes ☐ No

Section 11. Sewage Sludge Lagoons (Instructions Page 53)

Does this facility include sewage sludge lagoons?

☐ Yes ☒ No

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

A. Location information

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

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

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

- ☐ Overlap a designated 100-year frequency flood plain
- ☐ Soils with flooding classification
- ☐ Overlap an unstable area
- ☐ Wetlands

- ☐ Located less than 60 meters from a fault
- ☐ None of the above

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

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

[Click to enter text.](#)

B. Temporary storage information

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Provide the following information:

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

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

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

C. Liner information

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

☐ Yes ☐ No

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

[Click to enter text.](#)

D. Site development plan

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

[Click to enter text.](#)

Attach the following documents to the application.

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

E. Groundwater monitoring

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

☐ Yes ☐ No

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

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

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

A. Additional authorizations

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

☐ Yes ☒ No

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

Click to enter text.

B. Permittee enforcement status

Is the permittee currently under enforcement for this facility?

☐ Yes ☒ No

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

☐ Yes ☒ No

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

Click to enter text.

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

A. RCRA hazardous wastes

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

☐ Yes ☒ No

B. Remediation activity wastewater

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

☐ Yes ☒ No

C. Details about wastes received

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

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

Section 14. Laboratory Accreditation (Instructions Page 56)

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

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

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

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

CERTIFICATION:

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

Printed Name: Sharon Mayo

Title: President, Board of Directors

Sharon Mayo

Signature: _____

Date: 12 / 19 / 2024

Signature Certificate

Reference number: XAXNL-IHGHS-BDMUH-XJ8UV

Signer

Timestamp

Signature

Sharon Mayo

Email: smayo@hcmud304.com

Sent:

19 Dec 2024 17:22:39 UTC

Viewed:

19 Dec 2024 23:12:41 UTC

Signed:

19 Dec 2024 23:13:16 UTC



Recipient Verification:

✓ Email verified

19 Dec 2024 23:12:41 UTC

IP address: 76.31.46.249

Location: Spring, United States

Document completed by all parties on:

19 Dec 2024 23:13:16 UTC

Page 1 of 1



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DOMESTIC WASTEWATER PERMIT APPLICATION

TECHNICAL REPORT 1.1

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

Section 1. Justification for Permit (Instructions Page 57)

A. Justification of permit need

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

The Wastewater Treatment Plant needs an expansion based on the economy, markets, and growing population, which increases the wastewater needs within Harris County MUD No. 304. The facilities located within a three-mile radius do not have capacity to serve the existing or future flows. The existing WWTP is currently operating at 0.40 MGD which is less than the approved permit of 0.65 MGD. The existing WWTP was designed with the standards from 1984. TCEQ's most recent standards (adopted 2015), conclude the existing plant is undersized. This major amendment includes provisions to expand the WWTP capacity to account for the 0.25 MGD discrepancy of the existing flow and permit as well as the additional 0.25 MGD to accommodate further development

B. Regionalization of facilities

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

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

1. Municipally incorporated areas

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

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

☐ Yes ☒ No ☐ Not Applicable

If yes, within the city limits of: [Click to enter text.](#)

If yes, attach correspondence from the city.

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

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

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

2. Utility CCN areas

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

☐ Yes ☒ No

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

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

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

3. *Nearby WWTPs or collection systems*

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

☒ Yes ☐ No

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

Attachment: [SEE EXHIBIT 7](#)

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

Attachment: [SEE ATTACHMENT 9](#)

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

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

Section 2. Proposed Organic Loading (Instructions Page 59)

Is this facility in operation?

☒ Yes ☐ No

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

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

A. Current organic loading

Facility Design Flow (flow being requested in application): 0.9 MGD

Average Influent Organic Strength or BOD₅ Concentration in mg/l: 293

Average Influent Loading (lbs/day = total average flow X average BOD₅ conc. X 8.34):
2199.26 lbs/day

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

Single family residential and commercial development.

B. Proposed organic loading

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

Table 1.1(1) – Design Organic Loading

Source	Total Average Flow (MGD)	Influent BOD5 Concentration (mg/l)
Municipality	Phase I - 0.65 Ultimate Phase - 0.90	293
Subdivision		
Trailer park – transient		
Mobile home park		
School with cafeteria and showers		
School with cafeteria, no showers		
Recreational park, overnight use		
Recreational park, day use		
Office building or factory		
Motel		
Restaurant		
Hospital		
Nursing home		
Other		
TOTAL FLOW from all sources	Phase I - 0.65 Ultimate Phase - 0.90	293
AVERAGE BOD ₅ from all sources	Phase I - 0.65 Ultimate Phase - 0.90	293

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

A. Existing/Interim I Phase Design Effluent Quality

Biochemical Oxygen Demand (5-day), mg/l: 10

Total Suspended Solids, mg/l: 15

Ammonia Nitrogen, mg/l: 3-5

Total Phosphorus, mg/l: N/A

Dissolved Oxygen, mg/l: 4

Other: E. coli 63 mpn/100 ml

B. Interim II Phase Design Effluent Quality

Biochemical Oxygen Demand (5-day), mg/l: [Click to enter text.](#)

Total Suspended Solids, mg/l: [Click to enter text.](#)

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

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

Dissolved Oxygen, mg/l: [Click to enter text.](#)

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

C. Final Phase Design Effluent Quality

Biochemical Oxygen Demand (5-day), mg/l: 10

Total Suspended Solids, mg/l: 15

Ammonia Nitrogen, mg/l: 3-5

Total Phosphorus, mg/l: N/A

Dissolved Oxygen, mg/l: 4

Other: E. coli 63 mpn/100 ml

D. Disinfection Method

Identify the proposed method of disinfection.

☒ Chlorine: 1-4 mg/l after 20 minutes detention time at peak flow

Dechlorination process: [Click to enter text.](#)

☐ Ultraviolet Light: [Click to enter text.](#) seconds contact time at peak flow

☐ Other: [Click to enter text.](#)

Section 4. Design Calculations (Instructions Page 59)

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

Attachment: SEE ATTACHMENT 13A & 13B

Section 5. Facility Site (Instructions Page 60)

A. 100-year floodplain

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

☒ Yes ☐ No

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

[Click to enter text.](#)

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

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

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

B. Wind rose

Attach a wind rose: [SEE ATTACHMENT 14](#)

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

A. Beneficial use authorization

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

☐ Yes ☒ No

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

B. Sludge processing authorization

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

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

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

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

Attach a solids management plan to the application.

Attachment: [SEE ATTACHMENT 15](#)

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

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

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

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

DOMESTIC WASTEWATER PERMIT APPLICATION

WORKSHEET 2.0: RECEIVING WATERS

The following information is required for all TPDES permit applications.

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

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

☐ Yes ☒ No

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

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

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

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

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

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

Does the facility discharge into tidally affected waters?

☐ Yes ☒ No

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

A. Receiving water outfall

Width of the receiving water at the outfall, in feet: [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: Harris County Flood Control District (HCFCD) Ditch P145-00-00

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.

None

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.

[Click to enter text.](#)

E. Normal dry weather characteristics

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

Man-made flood control ditch; vegetation on side slopes is maintained but not manicured; area not offensive

Date and time of observation: 12/20/2023, 12:00 PM

Was the water body influenced by stormwater runoff during observations?

☐ Yes ☒ No

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

A. Upstream influences

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

☐ Oil field activities

☒ Urban runoff

☐ Upstream discharges

☐ Agricultural runoff

☐ Septic tanks

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

B. Waterbody uses

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

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

C. Waterbody aesthetics

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

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

DOMESTIC WASTEWATER PERMIT APPLICATION

WORKSHEET 2.1: STREAM PHYSICAL CHARACTERISTICS

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

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

Section 1. General Information (Instructions Page 66)

Date of study: 12/20/2024 Time of study: 12:00 PM

Stream name: HCFCDDitch P145-00-00

Location: Approximately 0.59 miles north of the intercept of Spears Road and Walters Road.

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

☐ Perennial ☐ Intermittent with perennial pools

Section 2. Data Collection (Instructions Page 66)

Number of stream bends that are well defined: 1

Number of stream bends that are moderately defined: 0

Number of stream bends that are poorly defined: 0

Number of riffles: 0

Evidence of flow fluctuations (check one):

☒ Minor ☐ moderate ☐ severe

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

Stream use is for stormwater conveyance and flood control. No evidence of flow fluctuations or channel obstruction.

Stream transects

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

Table 2.1(1) - Stream Transect Records

Stream type at transect Select riffle, run, glide, or pool. See Instructions, Definitions section.	Transect location	Water surface width (ft)	Stream depths (ft) at 4 to 10 points along each transect from the channel bed to the water surface. Separate the measurements with commas.
Glide	Outfall	19.50	0.55, 0.50, 0.6, 0.40
Glide	Upstream	29.17	0.35, 0.30, 0.25, 0.40
Glide	Downstream	12.67	0.40, 0.45, 0.50, 0.35
Choose an item.			
Choose an item.			
Choose an item.			
Choose an item.			
Choose an item.			
Choose an item.			
Choose an item.			

Section 3. Summarize Measurements (Instructions Page 66)

Streambed slope of entire reach, from USGS map in feet/feet: 3/1

Approximate drainage area above the most downstream transect (from USGS map or county highway map, in square miles): 3

Length of stream evaluated, in feet: 1,000

Number of lateral transects made: 2

Average stream width, in feet: 20.44

Average stream depth, in feet: 0.42

Average stream velocity, in feet/second: 0.06

Instantaneous stream flow, in cubic feet/second: Stagnant

Indicate flow measurement method (type of meter, floating chip timed over a fixed distance, etc.): Floating chip timed over 10 ft

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

Maximum pool depth, in feet: N/A

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.

Click to enter text.

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.

Click to enter text.

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.

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: None

SIC Code: Click to enter text.

Contact name: Click to enter text.

Address: Click to enter text.

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

Telephone number: Click to enter text.

Email address: Click to enter text.

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).

Click to enter text.

C. Product and service information

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

Click to enter text.

D. Flow rate information

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

Process Wastewater:

Discharge, in gallons/day: Click to enter text.

Discharge Type: ☐ Continuous ☐ Batch ☐ Intermittent

Non-Process Wastewater:

Discharge, in gallons/day: Click to enter text.

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: [Click to enter text.](#)

[Click or tap here to enter text.](#) [Click to enter text.](#)

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

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

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

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

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

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

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

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

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.

[Click to enter text.](#)

Exhibit 1 – USGS Quad Map

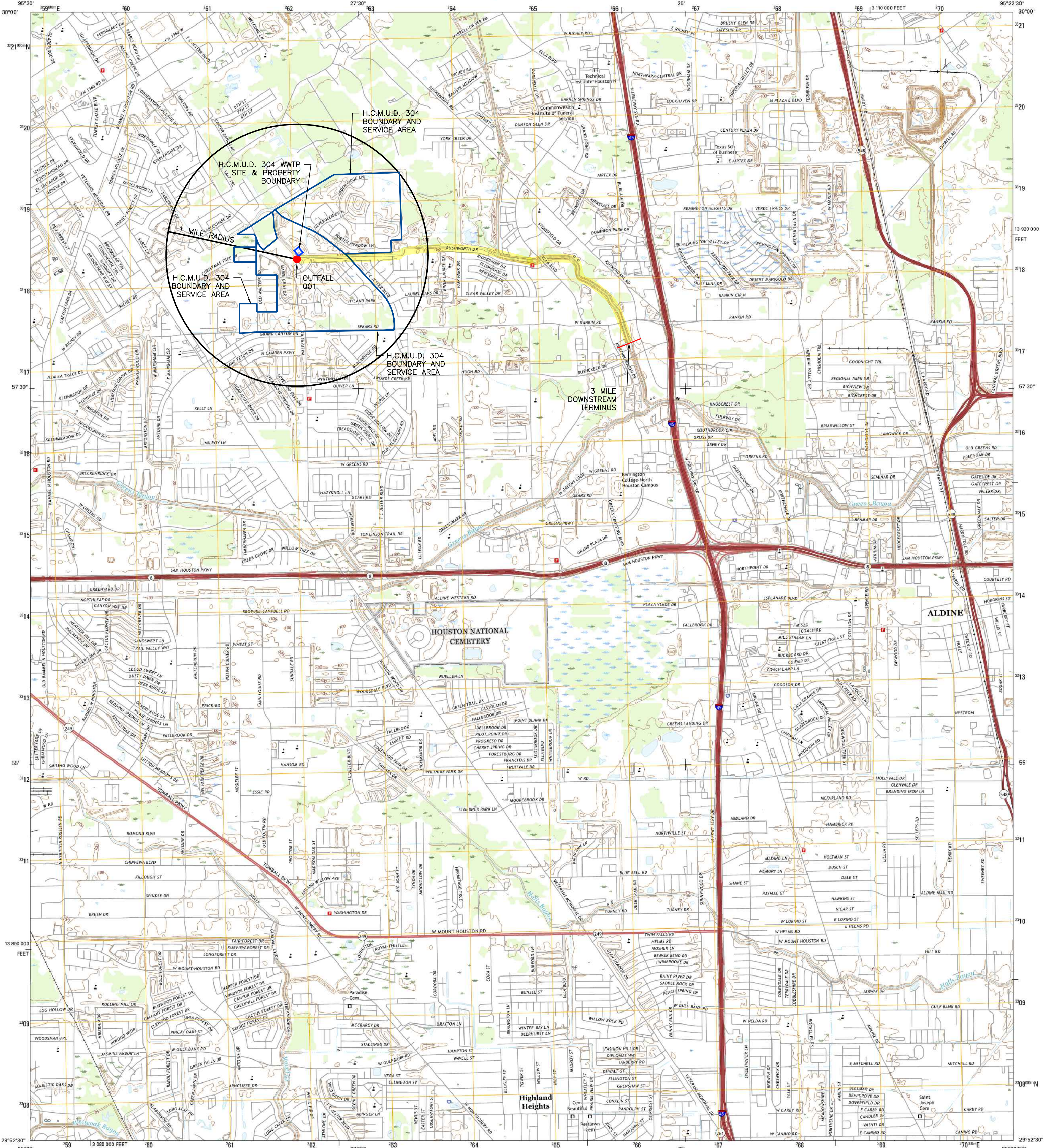
(Corresponds to Administrative Report 1.0, Section 13, Page 10 of 17)



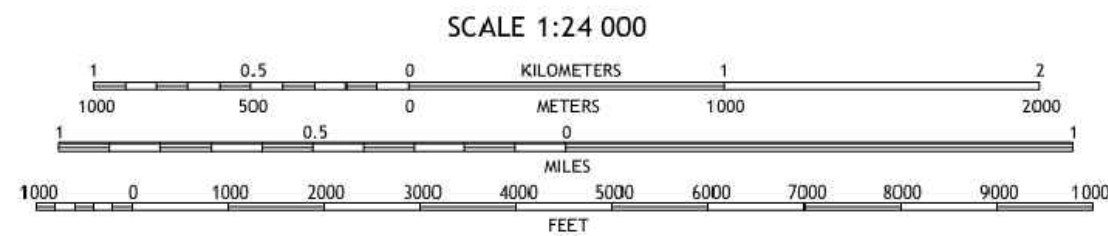
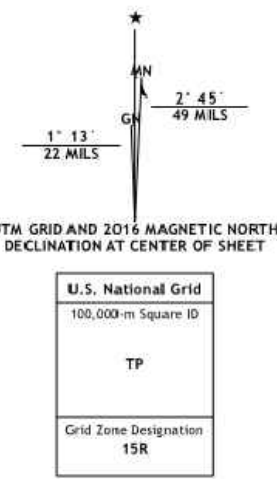
U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY



ALDINE QUADRANGLE
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7.5-MINUTE SERIES



Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1:000-meter grid; Universal Transverse Mercator, Zone 15R
10 000-foot ticks; Texas Coordinate System of 1983 (south
central zone)
This map is not a legal document. Boundaries may be
generalized for this map scale. Private lands within government
reservations may not be shown. Obtain permission before
entering private lands.
Imagery.....NAIP, October 2014
Roads.....U.S. Census Bureau, 2014 - 2015
Names.....GNIS, 2015
Hydrography.....National Hydrography Dataset, 2014
Contours.....National Elevation Dataset, 2010
Boundaries.....Multiple sources; see metadata file 1972 - 2015
Wetlands.....FWS National Wetlands Inventory 1977 - 2014



CONTOUR INTERVAL 5 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988
This map was produced to conform with the
National Geospatial Program US Topo Product Standard, 2011.
A metadata file associated with this product is draft version 0.6.19



1	2	3	1 Tomball
2	3	4	2 Spring
3	4	5	3 Nacogdoches
4	5	6	4 Slaton
5	6	7	5 Humble
6	7	8	6 Hedwig Village
7	8	9	7 Houston Heights
8	9	10	8 Settegast

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

ALDINE, TX
2016

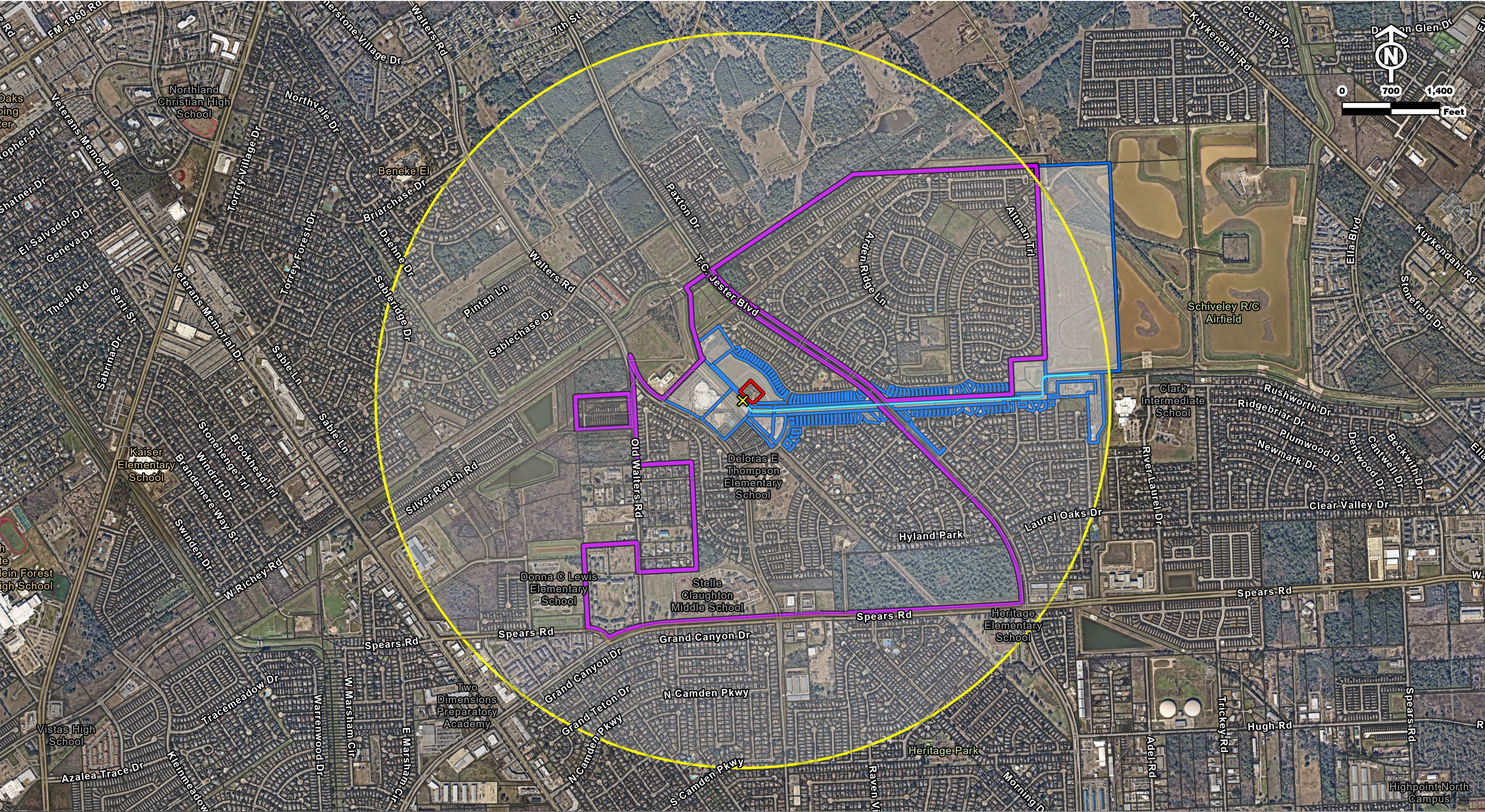
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TBP No. F726

HARRIS COUNTY MUD NO. 304
TPDES PERMIT RENEWAL
NO. WQ0013564001

EXHIBIT 1
USGS ALDINE QUAD

Exhibit 2 – Affected Landowners Map

(Corresponds to Administrative Report 1.1, Section 1.A, Page 12 of 17)

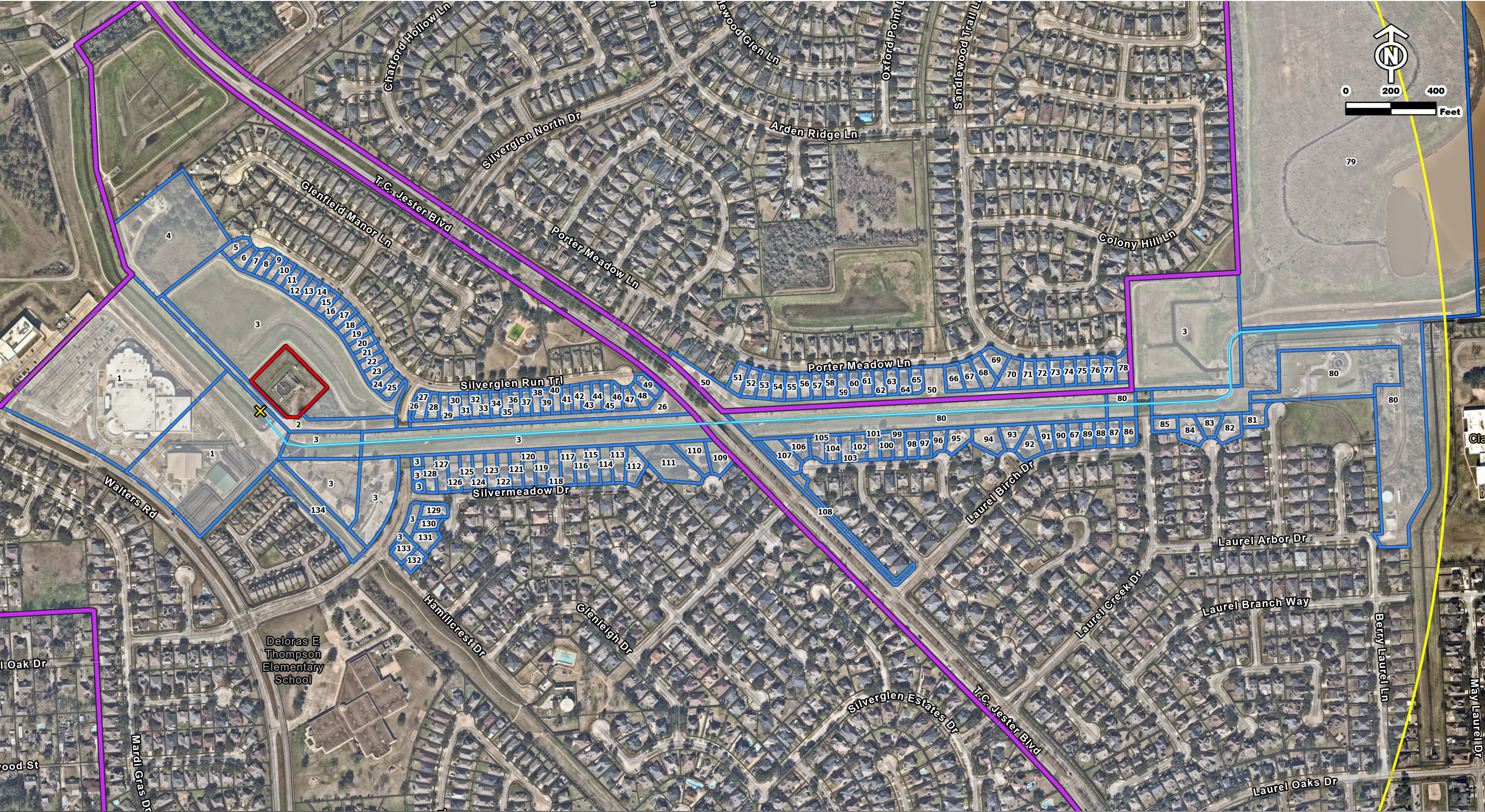


Harris County MUD 304 WWTP

Affected Landowners



The data presented herein are for planning and assessment purposes only. EHRA maps are assembled from data originating from Geographic Information System (GIS) databases or GIS services maintained by public entities. They do not represent legal survey. While EHRA strives to provide as accurate and reliable data as possible, EHRA makes no claims or warranty, expressed or implied, regarding the accuracy or validity of the data or products presented.



Harris County MUD 304 WWTP

Affected Landowners

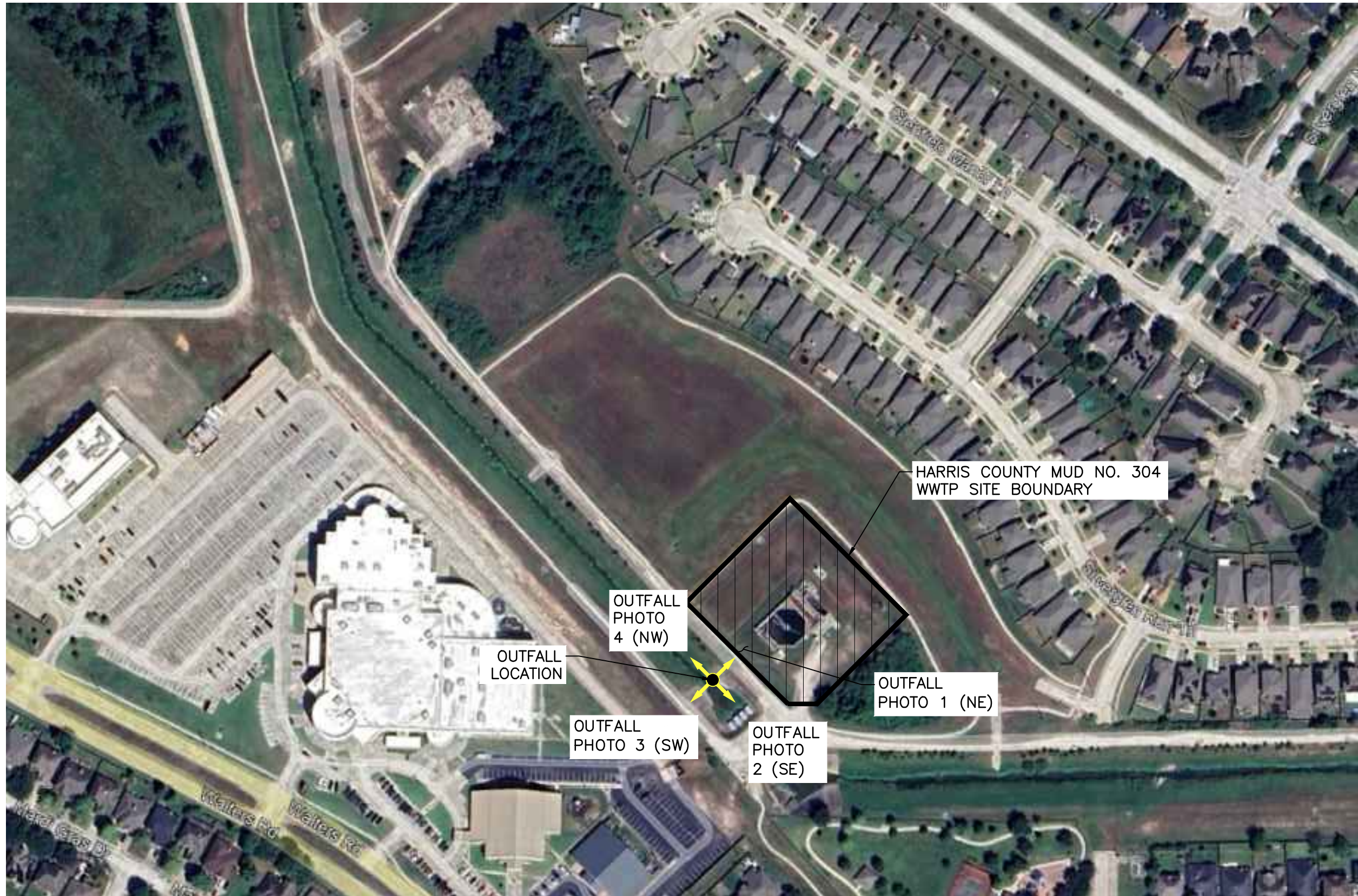
- X Outfall Point
- 1-Mile Downstream
- 1-Mile Buffer
- Parcels
- HCMUD 304
- WWTP Boundary
- Adjacent Parcels

The data presented herein are for planning and assessment purposes only. EHRA maps are assembled from data originating from Geographic Information System (GIS) databases or GIS services maintained by public entities. They do not represent legal survey. While EHRA strives to provide as accurate and reliable data as possible, EHRA makes no claims or warranty, expressed or implied, regarding the accuracy or validity of the data or products presented.

Exhibit 3 – Original Photographs

(Corresponds to Administrative Report 1.1, Section 2, Page 13 of 17)

P:\151-057-27\Drawings\HC MUD 304 WWTP-Major Amendment\Exhibits\Exhibit 3- Original Photographs.dwg Nov 19, 2024-9:18am Edited by: cromero



HARRIS COUNTY MUD NO. 304
MAJOR AMENDMENT TPDES
PERMIT NO. WQ0013564001

EXHIBIT 3
ORIGINAL PHOTOS

P:\151-057-27\Drawings\HC MUD 304 WWTP-Major Amendment\Exhibits\Exhibit 3- Original Photographs.dwg Nov 19, 2024-9:19am Edited by: cromero



OUTFALL PHOTO 1 (NE)



OUTFALL PHOTO 2 (SE)



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EXHIBIT 3
PHOTOS 1 & 2

P:\151-057-27\Drawings\HC MUD 304 WWP-Major Amendment\Exhibits\Exhibit 3- Original Photographs.dwg Mar 27, 2025-6:32pm Edited by: cromero



OUTFALL PHOTO 3 (SE)



OUTFALL PHOTO 4 (NW)

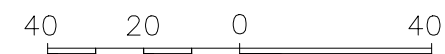
Exhibit 4 – Buffer Zone Map

(Corresponds to Administrative Report 1.1, Section 3.A, Page 13 of 17)

P:\151-057-27\Drawings\HC MUD 304 WWTP-Major Amendment\Exhibits\Exhibit 4 - Buffer Zone Map.dwg May 07, 2025-7:22pm Edited by: cromero

mud 304 detention pond
called 7.1936 acres
c.c.f.no. 20070578653

mud 304 detention pond
called 7.1936 acres
c.c.f.no. 20070578653



150' BUFFER ZONE

HC MUD NO. 304 SITE
& PROPERTY BOUNDARY

PROP 0.50 MGD
WASTEWATER
TREATMENT PLANT

ds silverglen north, llc
called 0.582 acres
c.c.f.no. 20150401486

called 6.140 acres
fallbrook baptist church
h.c.c.f. no. u762111

existing 0.65
mgd wastewater
treatment plant

HC MUD NO. 304 SITE
& PROPERTY BOUNDARY

ds silverglen north, llc
called 1.688 acres
c.c.f.no. 20150401486

120' h.c.f.c.d. channel r.o.w.
unit p-145-00-00
h.c.m.u.d. no. 304
h.c.c.f. no. 20090320215

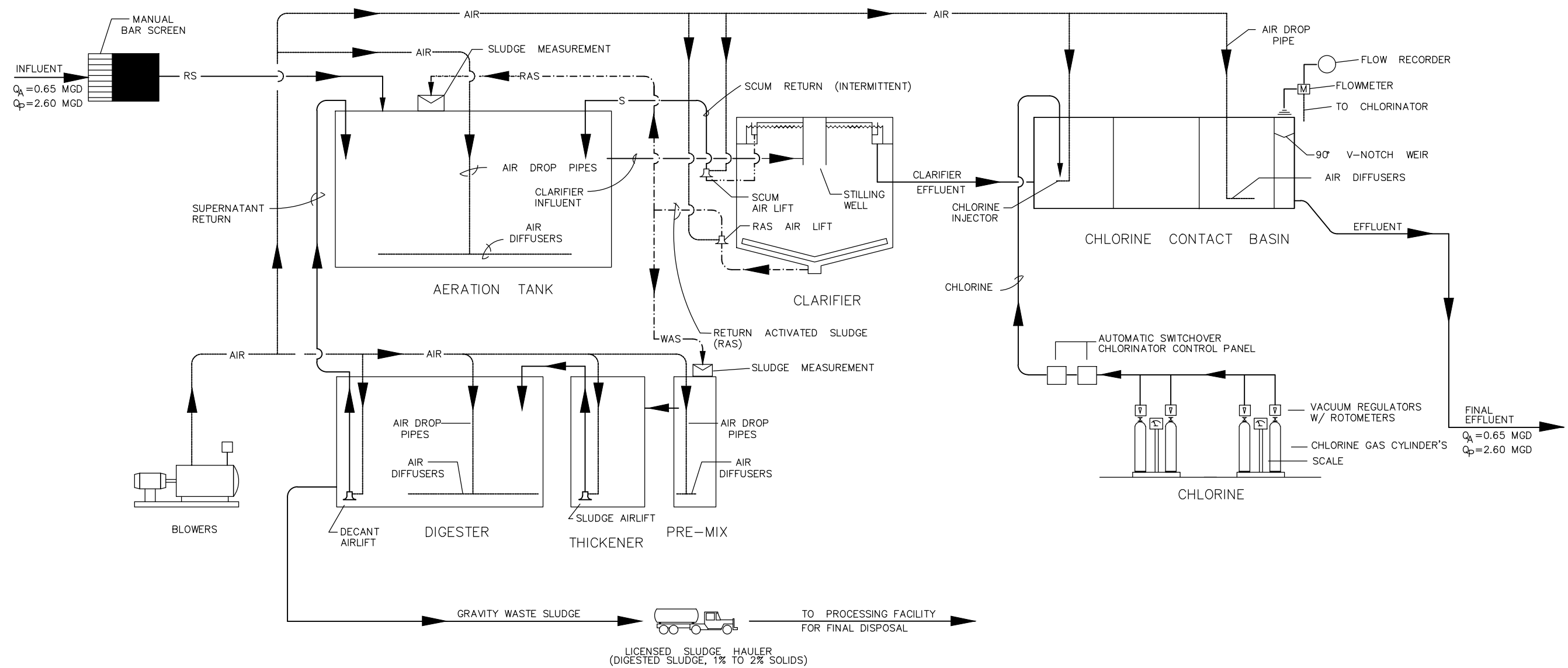


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Toll-free: 1-800-391-1800

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EXHIBIT 4
BUFFER ZONE MAP

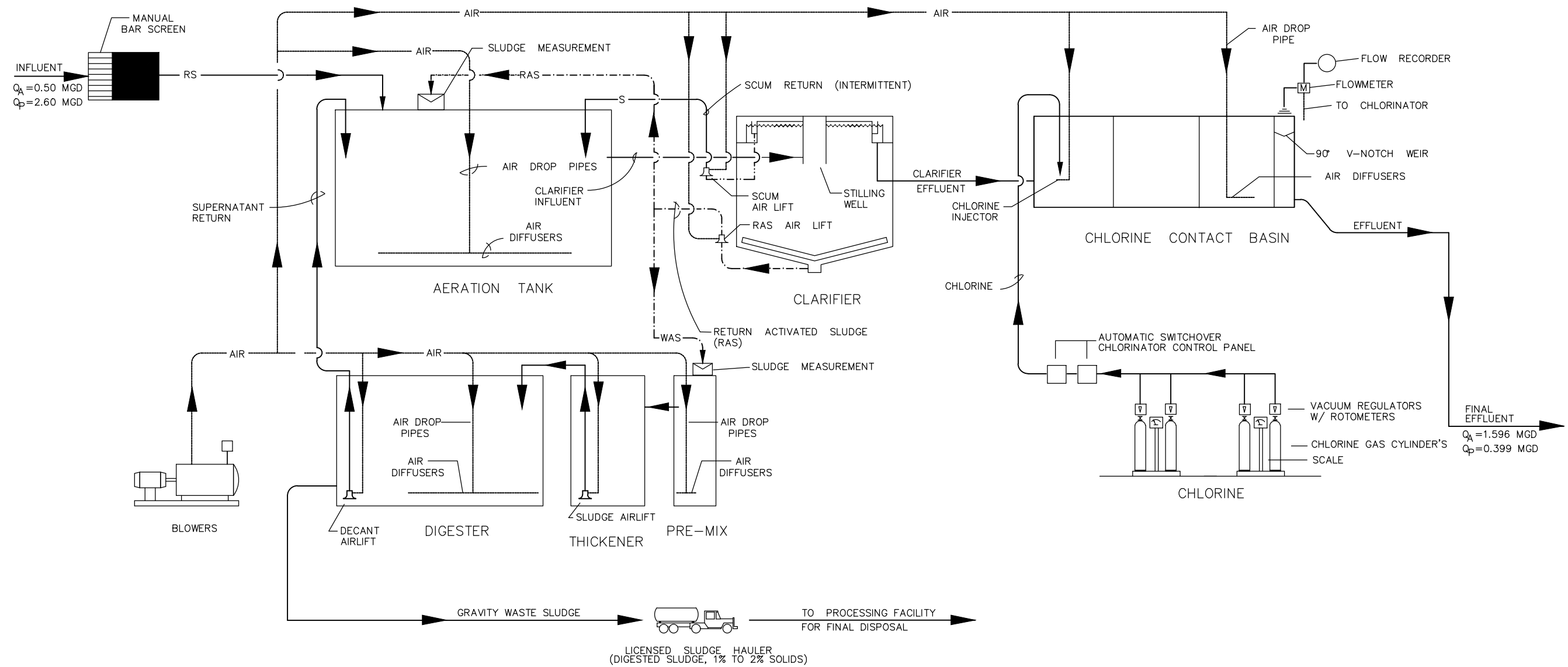
Exhibit 5A – Process Flow Diagram – Existing Phase
(Corresponds to Technical Report 1.0, Section 2.C, Page 2 of 66)



PROCESS FLOW DIAGRAM

Exhibit 5B – Process Flow Diagram – Ultimate Phase
(Corresponds to Technical Report 1.0, Section 2.C, Page 2 of 66)

P:\151-057-27\Drawings\HC MUD 304 WWP-Major Amendment\Exhibits\Exhibit 5 - Process Flow Diagram.dwg May 07, 2025-7:27pm Edited by: cromero



PROCESS FLOW DIAGRAM

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HARRIS COUNTY M.U.D. NO. 304
MAJOR AMENDMENT
PERMIT NO. WQ0013564001

EXHIBIT 5B
PROCESS FLOW DIAGRAM
ULTIMATE PHASE

Exhibit 6A – Service Area Map
(Corresponds to Technical Report 1.0, Section 3, Page 3 of 66)

P:\151-057-27\Drawings\HC MUD 304 WWTP-Major Amendment\Exhibits\Exhibit 6A - Service Area Map.dwg May 07, 2025-2:42pm Edited by: SDavidson

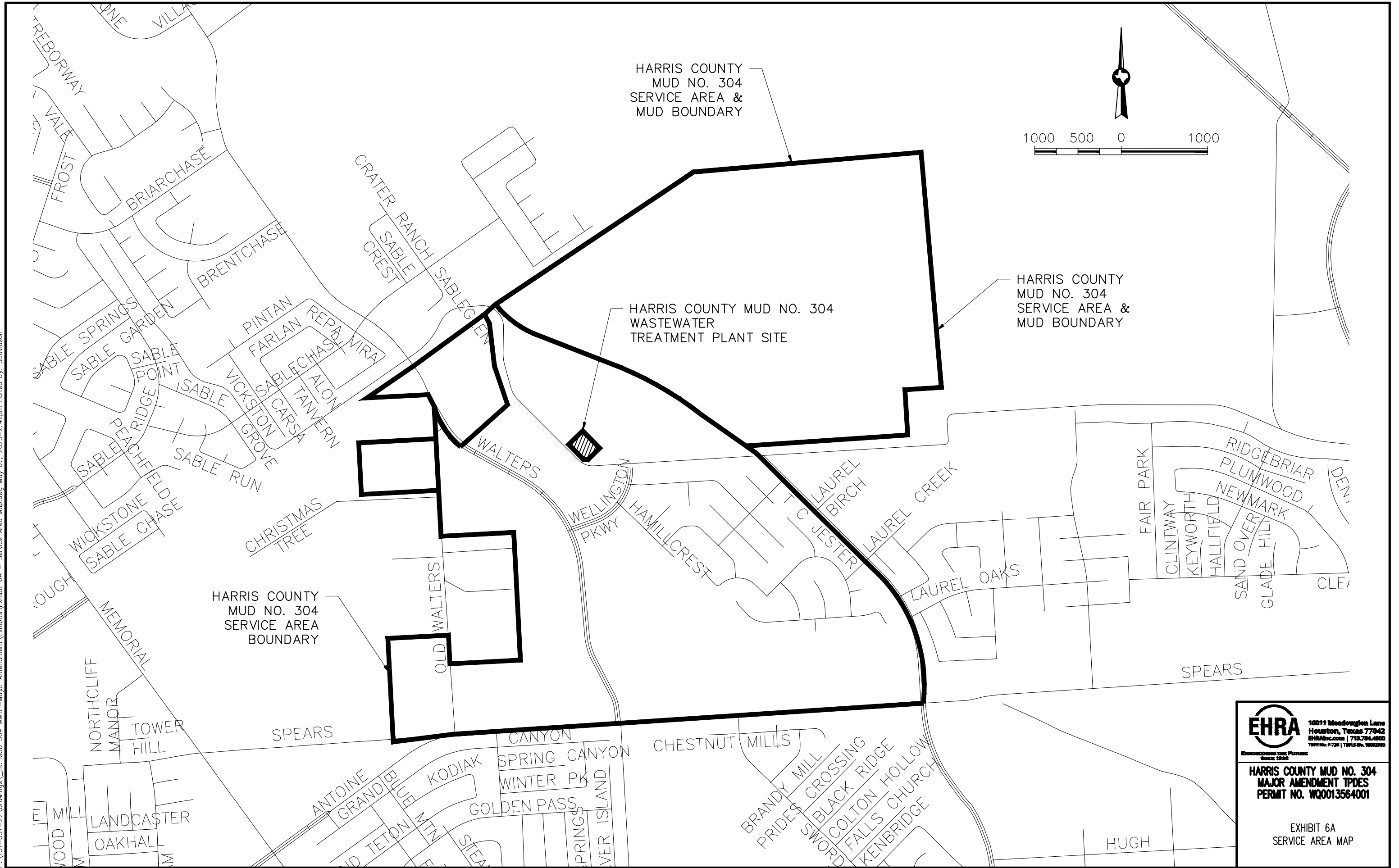


Exhibit 6B – Site Layout

(Corresponds to Technical Report 1.0, Section 3, Page 3 of 66)

P:\151-057-27\Drawings\HC MUD 304 WWTP-Major Amendment\Exhibits\Exhibit 6B - Site Layout.dwg May 07, 2025-4:57pm Edited by: SDavidson

mud 304 detention pond
called 7.1936 acres
c.c.f.no. 20070578653

PROP DIGESTER
BASIN 1 & 2

PROP AERATION
BASIN

PROP BLOWER PAD

PROP WWTP

PROP INFLUENT
CHANNEL

150' BUFFER ZONE

PROP CONTROL ROOM

PROP SWALE

PROP 48'Ø CLARIFIER

Existing Pre-Mix
Chamber

Existing
Blower Pad

45.0'

Exist Aeration Basin

Exist Digester

Exist Clarifier

Existing
Swale

HC MUD NO. 304 SITE
& PROPERTY BOUNDARY

Existing
Bar Screen

Existing Lift
Station Pad

PROP CHLORINE
CONTACT BASIN

Existing
MH

PROP DISCFARGE
POINT

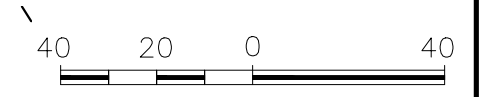
Existing Chlorine
Contact Basin


called 6.140 acres
fallbrook baptist church
h.c.c.f. no. u762111

ds silverglen north, llc
called 0.582 acres
c.c.f.no. 20150401486

mud 304 detention pond
called 7.1936 acres
c.c.f.no. 20070578653

HC MUD NO. 304 SITE
& PROPERTY BOUNDARY





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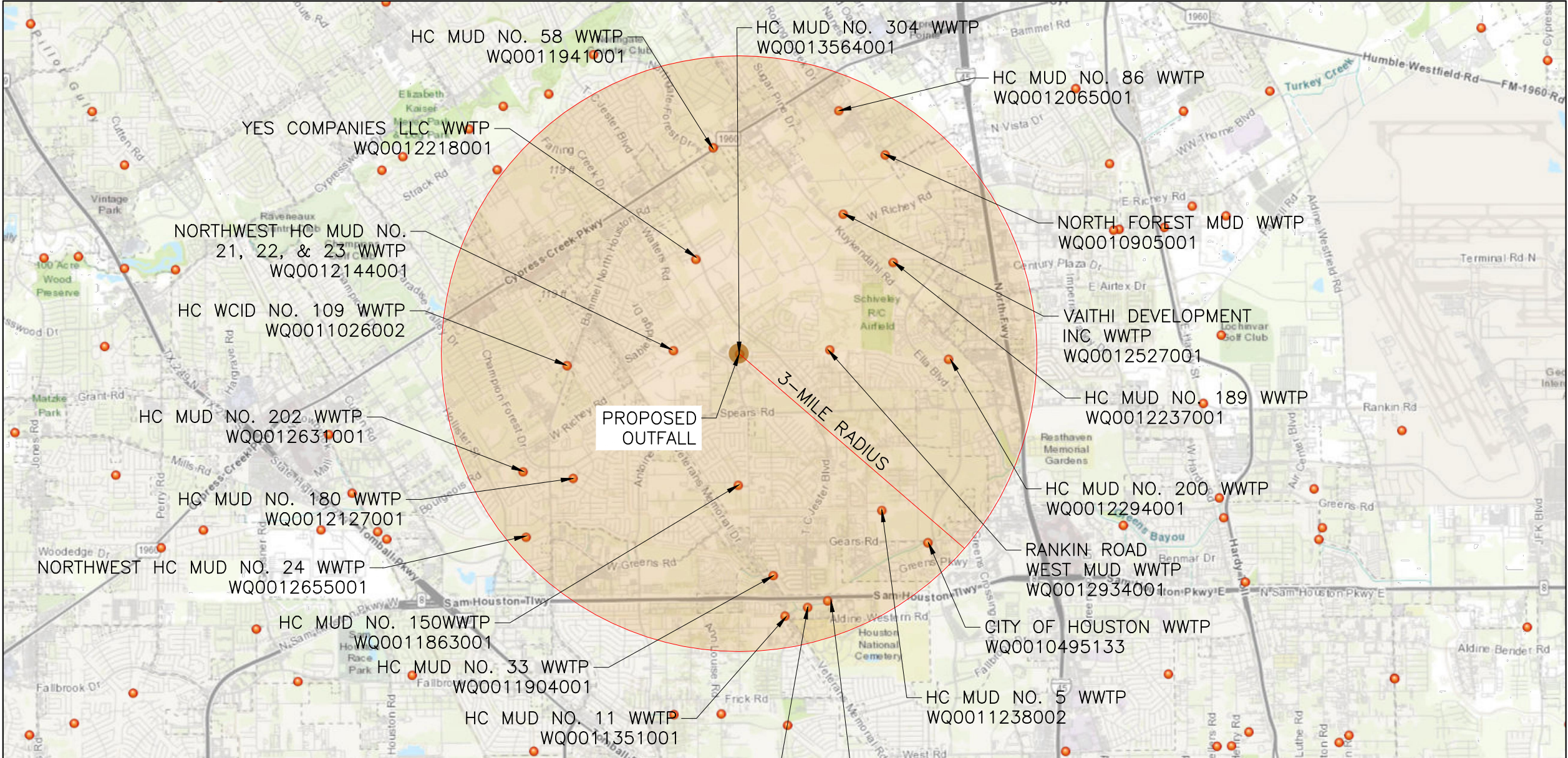
SITE LAYOUT

+

Exhibit 7 – Nearby WWTPs Map

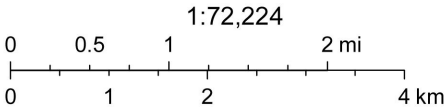
(Corresponds to Technical Report 1.1, Section 1.B.3, Page 20 of 66)

P:\151-057-27\Drawings\HC MUD 304 WWTP-Major Amendment\Exhibits\Exhibit 7 - Nearby WWTP Correspondence.dwg Nov 21, 2024-5:29pm Edited by: cromero




11/21/2024, 4:25:20 PM

Wastewater Outfalls



TCEQ, City of Houston, HPB, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NGA, EPA, USDA

City of Houston, HPB, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NGA, EPA, USDA | TCEQ | Web AppBuilder for ArcGIS



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EXHIBIT 7
NEARBY WWTP CORRESPONDENCE

Attachment 1 – TCEQ Core Data Form
(Corresponds to Administrative Report 1.0, Section 3.C, Page 4 of 17)



TCEQ Core Data Form

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

SECTION I: General Information

1. Reason for Submission (If other is checked please describe in space provided.)		
<input type="checkbox"/> New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
<input type="checkbox"/> Renewal (Core Data Form should be submitted with the renewal form)		<input checked="" type="checkbox"/> Other Major Amendment
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 600737183		RN 102097771

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)			
<input type="checkbox"/> New Customer <input checked="" type="checkbox"/> Update to Customer Information <input type="checkbox"/> Change in Regulated Entity Ownership					
<input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)					
<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>	
Harris County Municipal Utility District No. 304					
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:		<input type="checkbox"/> Corporation		<input type="checkbox"/> Individual	Partnership: <input type="checkbox"/> General <input type="checkbox"/> Limited
Government: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> Local <input type="checkbox"/> State <input checked="" type="checkbox"/> Other		<input type="checkbox"/> Sole Proprietorship		<input type="checkbox"/> Other:	
12. Number of Employees				13. Independently Owned and Operated?	
<input checked="" type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following					
<input checked="" type="checkbox"/> Owner <input type="checkbox"/> Operator <input type="checkbox"/> Owner & Operator <input type="checkbox"/> Other:					
<input type="checkbox"/> Occupational Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> VCP/BSA Applicant					
15. Mailing Address:	Harris County MUD 304				
	2001 Timberloch Place, STE 500				
	City	Woodlands	State	TX	ZIP 77380
16. Country Mailing Information (if outside USA)				17. E-Mail Address (if applicable)	
				jonathan@roachpllc.com	
18. Telephone Number		19. Extension or Code		20. Fax Number (if applicable)	

SECTION III: Regulated Entity Information

21. General Regulated Entity Information (If 'New Regulated Entity' is selected, a new permit application is also required.)								
<input type="checkbox"/> New Regulated Entity <input type="checkbox"/> Update to Regulated Entity Name <input checked="" type="checkbox"/> Update to Regulated Entity Information								
<i>The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).</i>								
22. Regulated Entity Name (Enter name of the site where the regulated action is taking place.)								
Harris County Municipal Utility District No. 304 Wastewater Treatment Plant								
23. Street Address of the Regulated Entity: (No PO Boxes)	120603 Wellington Parkway							
	City	Houston	State	TX	ZIP	77014	ZIP + 4	
24. County	Harris							

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

25. Description to Physical Location:							
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:		29.97361		28. Longitude (W) In Decimal:		-95.46583	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds		
29	58	25	95	27	57		
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 Domestic Sewage							
34. Mailing Address:		c/o Roach & Associates, PLLC					
		2001 Timberloch Place, STE 500					
		City	Woodlands	State	TX	ZIP	77380
35. E-Mail Address:		jonathan@roachpllc.com					
36. Telephone Number				37. Extension or Code		38. Fax Number (if applicable)	
(832) 789-1899						(409) 750-7367	

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

<input type="checkbox"/> Dam Safety	<input type="checkbox"/> Districts	<input type="checkbox"/> Edwards Aquifer	<input type="checkbox"/> Emissions Inventory Air	<input type="checkbox"/> Industrial Hazardous Waste
<input type="checkbox"/> Municipal Solid Waste	<input type="checkbox"/> New Source Review Air	<input type="checkbox"/> OSSF	<input type="checkbox"/> Petroleum Storage Tank	<input type="checkbox"/> PWS
<input type="checkbox"/> Sludge	<input type="checkbox"/> Storm Water	<input type="checkbox"/> Title V Air	<input type="checkbox"/> Tires	<input type="checkbox"/> Used Oil
<input type="checkbox"/> Voluntary Cleanup	<input checked="" type="checkbox"/> Wastewater	<input type="checkbox"/> Wastewater Agriculture	<input type="checkbox"/> Water Rights	<input type="checkbox"/> Other:
	WQ0013564001			

SECTION IV: Preparer Information

40. Name:	Brook Pope		41. Title:	Project Manager
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address	
(713) 337-7489		() -	bpope@ehra.team	

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:	Harris County MUD No. 304	Job Title:	President, Board of Directors	
Name (In Print):	SHARON MAYO		Phone:	(832) 789- 1899
Signature:	Sharon Mayo		Date:	

Attachment 2 – Plain Language Summary
(Corresponds to Administrative Report 1.0, Section 8.F, Page 7 of 17)



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

Summary of Application (in plain language) Template and Instructions for Texas Pollutant Discharge Elimination System (TPDES) and Texas Land Application (TLAP) Permit Applications

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

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

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

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

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

Harris County MUD 304 (CN600737183) operates Harris County MUD 304 Wastewater Treatment Plant (RN102097771), a Domestic Wastewater Treatment Plant. The facility is located at 12603 Wellington Parkway, in Houston, Harris County, Texas 77014. This application is for a Major Amendment to authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 900,000 gallons per day via plant site to Harris County Flood Control District Ditch P145-00-00, thence to Greens Bayou Above Tidal in Segment No. 1016 of the San Jacinto River Basin..

Discharges from the facility are expected to contain daily average concentrations of less than or equal to 10 mg/l of five-day Carbonaceous Biochemical Oxygen Demand (CBOD₅), 15 mg/l of Total Suspended Solids (TSS), 5 mg/l November - March and 3 mg/l April - October of Ammonia Nitrogen (NH₃-N), and 63 mg/l of *Escherichia coli* (*Ecoli*). Additional potential pollutants are included in Domestic Technical Report 1.0, section 7. Pollutant Analysis of

Treated Effluent in the permit application package is treated by an activated sludge plant operated in the complete mix mode and the treatment units will include an on-site lift station, a manual bar screen, two (2) aeration basins, two (2) final clarifiers, two (2) chlorine contact basins, a sludge pre-mix chamber, a sludge thickener, and three (3) aerobic digester basins. Chemical disinfection is achieved by chlorine gas.

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

AGUAS RESIDUALES DOMESTICAS /AGUAS PLUVIALES

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

El Distrito de Servicios Públicos del Condado de Harris 304 (CN600737183) opera la instalación de tratamiento de aguas residuales domesticas del Distrito de Servicios Públicos Municipales del Condado de Harris 304 (RN102097771), una instalación de tratamiento de aguas residuales domesticas. La instalación está ubicada en 12603 Parkway, en Houston, Condado de Harris, Texas 77014. Esta solicitud es para una renovación para autorizar la descarga de aguas residuales tratadas a un volumen que no exceda un flujo promedio diario de 900,000 galones por día a través del sitio de la planta a un afluente llamado Zanja del Distrito de Control de Inundaciones del Condado de Harris P145-00-00, de allí a Greens Bayou sobre la marea del Segmento No.1016 de la cuenca del rio San Jacinto.

Se espera que las descargas de la instalación contengan concentraciones bioquímicas medias diarias menos o iguales a 10 mg/l de oxígeno de cinco-días (CBOD₅), 15 mg/l de solidos suspendidos totales (TSS), 5 mg/l Noviembre - Marzo y 3 mg/l April - Octubre de nitrógeno amoniacal (NH₃-N) y 63 mg/l de *Escherichia coli* (*Ecoli*). Otros contaminantes potenciales están incluidos en el paquete de solicitud de permiso en el informe Técnico Nacional 1.0, Sección 7- Análisis de Contaminantes de Efluentes Tratados. Las aguas residuales domesticas. están tratado por una planta de proceso de lodos activados, planta de modo mezcla completa y las unidades de tratamiento incluirán una estación de bombeo de efluentes, una pantalla fina manual, dos (2) tanque de aireaciones, dos (2) clarificadores finales, dos (2) tanque de contacto con cloros, una cámara de premezcla de lodos, un espesante de lodo y tres (3) digestores aeróbicos. La desinfección química se logra mediante gas cloro.

Attachment 3 – Public Involvement Plan Form
(Corresponds to Administrative Report 1.0, Section 8.G, Page 7 of 17)



Texas Commission on Environmental Quality

Public Involvement Plan Form for Permit and Registration Applications

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

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

Section 1. Preliminary Screening

New Permit or Registration Application

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

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

Section 2. Secondary Screening

Requires public notice,

Considered to have significant public interest, and

Located within any of the following geographical locations:

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

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

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

The current WWTP serves the district and capacity is being added though an expansion of the WWTP to accommodate the growing development within the district. Previous permit applications for this location did not have significant public interest.

Section 3. Application Information

Type of Application (check all that apply):

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

Water Quality

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

Water Rights New Permit

New Appropriation of Water
New or existing reservoir

Amendment to an Existing Water Right

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

Section 4. Plain Language Summary

Provide a brief description of planned activities.

Section 5. Community and Demographic Information

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

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

(City)

(County)

(Census Tract)

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

City

County

Census Tract

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

Section 6. Planned Public Outreach Activities

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

Yes No

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

Yes No

If Yes, please describe.

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

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

Yes No

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

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

Publish in alternative language newspaper

Posted on Commissioner's Integrated Database Website

Mailed by TCEQ's Office of the Chief Clerk

Other (specify)

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

Yes No

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

Yes No

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

TCEQ Regional Office

TCEQ Central Office

Public Place (specify)

Section 7. Voluntary Submittal

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

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

Yes No

What types of notice will be provided?

Publish in alternative language newspaper

Posted on Commissioner's Integrated Database Website

Mailed by TCEQ's Office of the Chief Clerk

Other (specify)

**Attachment 4 – Discharge
Authorization Request Letter**

(Corresponds to Administrative Report 1.0, Section 10.C, Page 9 of 17)



TBPE No. F-726
TBPLS No. 10092300

January 6, 2024

Via Certified Mail

Article No. 9489 0090 0027 6550 9048 25

Ms. Catherine A. Elliott
Environmental Services Department
Harris County Flood Control District
9900 Northwest Freeway, Suite 102
Houston, Texas 77092

Re: Treated Effluent Discharge Request
Harris County MUD 304
Harris County MUD 304 Wastewater Treatment Plant (WWTP) – Proposed 0.9 MGD
EHRA Project No. 151-057-27

Dear Ms. Elliott:

Edminster, Hinshaw, Russ & Associates, Inc. d/b/a EHRA is requesting, on behalf of Harris County Municipal Utility District No. 304, authorization to discharge treated effluent flow of 0.90 million gallons per day (MGD) into Harris County Flood Control District Ditch No. P145-00-00, thence to Greens Bayou Above Tidal in Segment No. 1016 of the San Jacinto River Basin.

The proposed Wastewater Treatment Plant shall be designed with an ultimate average daily flow of 0.90 MGD. This plant shall serve a commercial and single-family residential subdivision. The plant is located at 120603 Wellington Parkway, Houston, in Harris County, Texas 77014.

Enclosed is the Harris County Public Infrastructure Department Application for Discharge to County or District Facility with a vicinity map showing the location of the plant site and the proposed discharge route.

Should you have any questions, or require additional information, please contact me at 713-337-7489. Thank you for your assistance in this matter.

Sincerely,

Brook Pope, P.E.
Project Manager
Water and Wastewater Facilities

BP/cr

Enclosure: HCPID Application for Discharge to County or District Facility
Vicinity Map

cc: Jared Bowlin, P.E. – Firm
Paul Anderson, P.E. – Firm

**HARRIS COUNTY PUBLIC INFRASTRUCTURE DEPARTMENT
APPLICATION FOR DISCHARGE TO COUNTY OR DISTRICT FACILITY**

1. APPLICANT INFORMATION (Please print or type)

Owner/Applicant

Name Harris County Municipal Utility District No. 304

Applicant Mailing Address 2001 Timberloch Place, Suite 500 City Woodlands State TX Zip 77380

Home Phone _____ Daytime Phone 409-750-7367 Fax _____ Pager _____

Agent/Consultant Name EHRA Engineering Phone 713-784-4500

Agent's Mailing Address 10011 Meadowglen Lane, Houston State Houston Zip 77064

2. LOCATION OF PROPERTY

Subdivision _____ Section _____ Block _____ Lot _____ Reserve _____

Street Address 120603 Wellington Parkway City Houston State TX Zip 77014

Survey Name _____ Abstract Number _____ Acreage _____

Property Tax Account Number _____ - _____ - _____

3. DISCHARGE LOCATION

Attach the following documents in support of the application

A. Detailed Map Showing Discharge Point ☒ Key Map Page ☐ 371G attached GPS Latitude 29 ° 58 ' 24.06 "

B. Detailed Map Showing downstream Path for one mile after discharge point ☐ Longitude 95 ° 27 ' 58.62 "

4. DISCHARGE PARAMETERS

A. Type

☒ Treated Sewage Effluent

☐ Treated Stormwater

☐ Potable Water

☐ _____

B. Quantity: 0.90 Millions Gallons Per Day (☐ Initial ☐ Intermediate ☒ Final) Check One

C. Quality (Either Current or Proposed)

BOD:= 10 mg/L

TSS:= 15 mg/L

NH₃-N= 3-5 mg/L

Disinfection Type = Chlorine

O₂ = 4 mg/L

Source ☐ Permit Application

Bacteria (Ecoli or Enterococcus) = 63 mg/L

☐ Other: _____
Specify

5. OTHER PERMITS/APPLICATION:

☒ TCEQ Discharge Permit # WQ0013564001

☐ New ☐ Renewal ☒ Amendment

☐ Harris County Notice # _____

☐ Harris County Development Permit # To Be Determine

☐ Other: _____

I, Brook Pope, PE, the undersigned have carefully reviewed this application and my answers to all questions. To the best of my knowledge, the answers are all true and correct.

SIGNATURE of Applicant/Agent/Consultant or Attorney  Date 01/09/2025

Receiving		Date Application Received
Applicant Number	Planchecker	
Request No.	Approved By	
Project ID No.	Date	
Clerk & Date	Vio No.	

NO FACSIMILE'S PLEASE

9900 Northwest Frwy Houston TX 77092-8615
(713) 956-3000

HCED FPM 99-0000
rev 2-3-03

rev 11-16-10

Attachment 5 – Corresponding List of Affected Landowners
(Corresponds to Administrative Report 1.1, Section 1.B, Page 12 of 17)

ID	PARCEL ID	CURRENT OWNER	MAILING ADDRESS	CITY	STATE	ZIP CODE
1	1296040010001	FALLBROOK BAPTIST CHURCH	12512 WALTERS RD	HOUSTON	TX	77014-2784
2	0480450000028	DS SILVERGLEN NORTH LLC	2821 JORDENS RD STE 500	HOUSTON	TX	77084-7355
3	1187520010020	HARRIS COUNTY MUD NO 304	6935 BARNEY RD STE 110	HOUSTON	TX	77092-4443
4	0480450000030	SILVERGLEN NORTH	PO BOX 650255	DALLAS	TX	75265-0255
5	1404220010049	MITCHELL CHEVIS D & CARLY N	13343 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2225
6	1404220010050	GARCIA HECTOR & ROSA M	13339 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2225
7	1404220010051	ANDERSON NINA GAIL	13335 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2225
8	1404220010052	DOWDEN GORDON	13730 SABLECREST DR	HOUSTON	TX	77014-2838
9	1404220010053	GOULD KYLE JORDAN & LEAH PAULINAH	13327 SILVERGLEN RUN TRL	HOUSTON	TX	77014
10	1404220010054	YIN SAMANTHA	13323 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2225
11	1404220010055	PHILLIPS FREDERICK L JR & AISHA J	13319 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2225
12	1404220010056	VONGSAKOUNE KETMANY	4714 W TRAVIS LN	WEST JORDAN	UT	84088
13	1404220010057	DENNIS MELINDA S	11910 MAPLE OAK DR	HOUSTON	TX	77066
14	1404220010058	PRUITT MARISHA TANGENKA	13307 SILVERGLEN RUN TRL	HOUSTON	TX	77014
15	1404220010059	WILLIAMS EZZARD C & CALONDA A	13303 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2225
16	1404220010060	MOHAMED TAHA	13239 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2213
17	1404220010061	NGO TRACY	13235 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2213
18	1404220010062	URIAS YVONNE SAUSAL & CHRISTOPHER	13231 SILVERGLEN RUN TRL	HOUSTON	TX	77014
19	1404220010063	CARIAS HUGO NELSON DIAZ	13227 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2213
20	1404220010064	CLARK ALBERTA M	13223 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2213
21	1404220010065	DORSEY TASHA RENELL	13219 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2213
22	1404220010066	VILLA HARLIN	13215 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2213
23	1404220010067	HINES ROLAND	13211 SILVERGLEN RUN TRL	HOUSTON	TX	77014
24	1404220010068	SANTOS ERICK E	13207 SILVERGLEN RUN TRL	HOUSTON	TX	77014
25	1404220010069	TORRES JOSE EDUARDO	13203 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2213
26	1404220030031	SILVERGLEN NORTH HOMEOWNERS ASSOC INC	PO BOX 650255	DALLAS	TX	75265
27	1404220030028	REYNA JENNIFER & AARON	13143 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2231
28	1404220030027	COLEMAN SHADONNA	13139 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2231
29	1404220030026	RESENDEZ JOSE	13135 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2231
30	1404220030025	SMITH S THOMAS & DERRICK ANDRE	2821 JORDENS RD STE 500	HOUSTON	TX	77084-7355
31	1404220030024	CHAMBERS BREONNA YVONNE	13127 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2231
32	1404220030023	MILANES AMAURY PRADO	13123 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2231
33	1404220030022	DAVIS LAWRENCE E & SHEILA	13119 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2231
34	1404220030021	COJTIN VICENTE A & LISA A	13115 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2231
35	1404220030020	CAO PHUONG THI	4923 TRACEMEADOW DR	HOUSTON	TX	77066-4046
36	1404220030019	HOWEL CRISTHIAN OLIVA	13775 STABLEDON DR	HOUSTON	TX	77014-2153
37	1404220030018	ESPINOZA YASMIN	13103 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2231
38	1404220030017	TRAN GARY & BAY	13047 SILVERGLEN RUN TRL	HOUSTON	TX	77014
39	1404220030016	DAVIS KRYSTAL MICHELLE & HN FRANKL	13043 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2223
40	1404220030015	LOVE COURTNEY	13039 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2223
41	1404220030014	RAMOS HECTOR F & BELIZA GREGORIA	13035 SILVERGLEN RUN TRL	HOUSTON	TX	77014
42	1404220030013	LENOIR CHRISTIAN	13031 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2223
43	1404220030012	KHA DAVID ICH	13027 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2223
44	1404220030011	THOMPSON KEWANNA MARIE	13023 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2223
45	1404220030010	CHAKKO JOMAN KURUPPASSERY	13019 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2223
46	1404220030009	LEWIS WALLACE L SR	13015 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2223
47	1404220030008	TORRES LUIS MIGUEL VALLADARES	13011 SILVERGLEN RUN TRL	HOUSTON	TX	77014
48	1404220030007	OSORIO JOHANNA VALERIA	15435 BAMMEL FIELD CT	HOUSTON	TX	77014-1531
49	1404220030006	WASHINGTON ELISHA	13003 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2223
50	1251640020051	SILVERGLEN NORTH HOA INC	PO BOX 650255	DALLAS	TX	75265
51	1251640020006	ODISETTI GURUNATH	952 WILLOW ST	ITASCA	IL	60143-2854
52	1251640020007	MARTINEZ SAUL NAVA	12835 PORTER MEADOW LN	HOUSTON	TX	77014
53	1251640020008	DTK BEAUTY LLC	12803 PORTER MEADOW LN	HOUSTON	TX	77014-1962
54	1251640020009	CLARK VERNA	12827 PORTER MEADOW LN	HOUSTON	TX	77014-1962
55	1251640020010	DIGGS GREGG V & BARBARA A	12823 PORTER MEADOW LN	HOUSTON	TX	77014-1962
56	1251640020011	KHAN ASIF L	12819 PORTER MEADOW LN	HOUSTON	TX	77014-1962
57	1251640020012	HARGROVE SAMUEL E	12815 PORTER MEADOW LN	HOUSTON	TX	77014-1962
58	1251640020013	REYES JESUS D	12811 PORTER MEADOW LN	HOUSTON	TX	77014-1962
59	1251640020014	AYERS SONJA	12807 PORTER MEADOW LN	HOUSTON	TX	77014-1962
60	1251640020015	NGUYEN DIEP THI NGOC	12803 PORTER MEADOW LN	HOUSTON	TX	77014-1962
61	1251640020016	GIANG PHAT VINH	12739 PORTER MEADOW LN	HOUSTON	TX	77014-1960
62	1251640020017	CURRENT OWNER	9726 PAINTED STONE CT	CYPRESS	TX	77433-4185
63	1251640020018	NGUYEN NIKKI THI	12731 PORTER MEADOW LN	HOUSTON	TX	77014
64	1251640020019	VILLATORO JESSE A	12727 PORTER MEADOW LN	HOUSTON	TX	77014-1960
65	1251640020020	TRAN NAM V	12723 PORTER MEADOW LN	HOUSTON	TX	77014-1960
66	1251640020021	NGUYEN DUyen T	12715 PORTER MEADOW LN	HOUSTON	TX	77014-1960
67	1251640020022	LE DAT	5708 W CLIFFHAVEN LN	WEST VALLEY CITY	UT	84128
68	1251640020023	SMITH WILLIE	12707 PORTER MEADOW LN	HOUSTON	TX	77014-1960
69	1251640020024	AYALA LUIS	12914 ARDEN RIDGE LN	HOUSTON	TX	77014
70	1251640020025	SAMUELS STEWART & CARMEN	12635 RIVERHILL CT	HOUSTON	TX	77014-1958
71	1251640020026	CURRENT OWNER	12631 RIVERHILL CT	HOUSTON	TX	77014-1958
72	1251640020027	TEXAS PROPERTY NETWORK LLC	7710 T CHERRY PARK DR STE 429	HOUSTON	TX	77095-
73	1251640020028	VO TAM THI	12623 RIVERHILL CT	HOUSTON	TX	77014-1958
74	1251640020029	D&D SQUARED ASSETS LLC	30615 LAVENDER TRACE DR	SPRING	TX	77386-4017

75	1251640020030	PETERSON HOWARD & DEBORAH	12615 RIVERHILL CT	HOUSTON	TX	77014-1958
76	1251640020031	PHU HAI TRIEU BUI ET VIR	12611 RIVERHILL CT	HOUSTON	TX	77014-1958
77	1251640020032	MCQUEEN WILLIE SR & FREEDA	12607 RIVERHILL CT	HOUSTON	TX	77014-1958
78	1251640020033	ZAMARRIPA ALONSO & MAYRA	12603 RIVERHILL CT	HOUSTON	TX	77014-1958
79	0480540000025	HARRIS COUNTY FLOOD CONTROL DISTRICT	9900 NORTHWEST FWY	HOUSTON	TX	77092-8601
80	1213790060003	RANKIN ROAD WEST MUD	11111 KATY FWY STE 725	HOUSTON	TX	77079-2175
81	1213790050035	CURRENT OWNER	12735 LAUREL VALE WAY	HOUSTON	TX	77014-2473
82	1213790050019	BATTEE LATAHSHA K & TYRON M	12730 LAUREL MIST WAY	HOUSTON	TX	77014-2472
83	1213790050018	JOHNSON JAHMAR R	12735 LAUREL MIST WAY	HOUSTON	TX	77014-2472
84	1213790050017	HOWARD JAMES	12731 LAUREL MIST WAY	HOUSTON	TX	77014-2472
85	1213790050001	SANCHEZ ISRAEL S & MARIA D	2103 LAUREL CREEK DR	HOUSTON	TX	77014-2468
86	1213790060002	MOIZUDDIN SYED	2061 WOOD ST	INVERNESS	IL	60067-4484
87	1213790060001	CASTILLO CARLOS A & MORENA E	2206 LAUREL BIRCH DR	HOUSTON	TX	77014-2466
88	1229360010037	SAEED MOHAMMAD J	2210 LAUREL BIRCH DR	HOUSTON	TX	77014-2466
89	1229360010036	DAO ANH SANG THI	2214 LAUREL BIRCH DR	HOUSTON	TX	77014-2466
90	1229360010034	GROCE DALLAS DANTE	2222 LAUREL BIRCH DR	HOUSTON	TX	77090
91	1229360010033	FUENTES WALTER ORLANDO	2226 LAUREL BIRCH DR	HOUSTON	TX	77014-2466
92	1229360010032	SAVAGE QUINTIN	12702 CAPE LAUREL	HOUSTON	TX	77014-2787
93	1229360010031	OUM SONTARA	12706 CAPE LAUREL	HOUSTON	TX	77014-2787
94	1229360010030	DEANDA EFFRAIN & EVELYN	12710 CAPE LAUREL	HOUSTON	TX	77014-2787
95	1229360010023	FORD WILLIE & DEBORAH	2302 LAUREL RUSTIC OAKS	HOUSTON	TX	77014-2789
96	1229360010022	HAZEL TODD	2306 LAUREL RUSTIC OAKS	HOUSTON	TX	77014-2789
97	1229360010021	PARKS CHERIE P & RODNEY L	2310 LAUREL RUSTIC OAKS	HOUSTON	TX	77014-2789
98	1229360010020	HANKS TONI R	2314 LAUREL RUSTIC OAKS	HOUSTON	TX	77014-2789
99	1229360010019	PENA CRESCENCIANO	2318 LAUREL RUSTIC OAKS	HOUSTON	TX	77014-2789
100	1229360010018	MEDLOCK CHERYL D	2322 LAUREL RUSTIC OAKS	HOUSTON	TX	77014-2789
101	1229360010017	DOAKES SHELIA & CHARLES	4715 LANEVIEW RD	HEMPSTEAD	TX	77445-7499
102	1229360010016	HENDERSON-OPARA AUGUSTINA	2402 LAUREL RUSTIC OAKS	HOUSTON	TX	77014-2791
103	1229360010015	VU HOANG NGOC	2406 LAUREL RUSTIC OAKS	HOUSTON	TX	77014-2791
104	1229360010014	BARBER CARROLL & ELERIA M	2410 LAUREL RUSTIC OAKS	HOUSTON	TX	77014
105	1229360010013	ADAMS JOHN & TYROSA	2414 LAUREL RUSTIC OAKS	HOUSTON	TX	77014-2791
106	1229360010012	RAMIREZ MARIA J	2418 LAUREL RUSTIC OAKS	HOUSTON	TX	77014-2791
107	1229360010011	WEATHERS BESSIE L & KELVIN B	2422 LAUREL RUSTIC OAKS	HOUSTON	TX	77014-2791
108	1229360010038	LAUREL OAKS HOMEOWNERS ASSOCIATION INC	PO BOX 672567	HOUSTON	TX	77267-2567
109	1191510010006	WILLIAMS JOE & GLADYS A FRAZIER	12522 AVERY VALE LN	HOUSTON	TX	77014-2459
110	1191510010007	BARRAGAN VICTOR H	12526 AVERY VALE LN	HOUSTON	TX	77014-2459
111	1191510010008	AMH TX PROPERTIES LP	23975 PARK SORRENTO STE 300	CALABASAS	CA	91302
112	1187520010017	VIAN JAMES	10910 LONGREN ST	HOUSTON	TX	77089
113	1187520010016	HARPER RADEOUS	2510 SILVERMEADOW DR	HOUSTON	TX	77014-2426
114	1187520010015	BEASLEY PHILLIP	2514 SILVERMEADOW DR	HOUSTON	TX	77014-2426
115	1187520010014	STRAWBERRY HILLS SELECT	4123 MOORING POINT CT	MISSOURI CITY	TX	77459-1719
116	1187520010013	WILBURN CHERYL	2522 SILVERMEADOW DR	HOUSTON	TX	77014-2426
117	1187520010012	LEONARD BRYAN S	2526 SILVERMEADOW DR	HOUSTON	TX	77014-2426
118	1187520010011	TO AI H	6503 SILVER CRESCENT DR	HOUSTON	TX	77064-5542
119	1187520010010	GREEN COLETTE M	2602 SILVERMEADOW DR	HOUSTON	TX	77014-2428
120	1187520010009	FAISON ELLIS I	2606 SILVERMEADOW DR	HOUSTON	TX	77014-2428
121	1187520010008	SABOGAL MICHELL F & DORA	2610 SILVERMEADOW DR	HOUSTON	TX	77014-2428
122	1187520010007	DEVELIZ VALERIA E P	2614 SILVERMEADOW DR	HOUSTON	TX	77014
123	1187520010006	GATLIN CASSANDRA R	2618 SILVERMEADOW DR	HOUSTON	TX	77014-2428
124	1187520010005	LEAKS NORMAN R & DEIDRE H	2622 SILVERMEADOW DR	HOUSTON	TX	77014-2428
125	1187520010004	MENEFEER JAMES L & BEATRICE	2626 SILVERMEADOW DR	HOUSTON	TX	77014-2428
126	1187520010003	FERRELL CARMELA	2630 SILVERMEADOW DR	HOUSTON	TX	77014-2428
127	1187520010002	AYALA-CHICAS WILLIAM A	2634 SILVERMEADOW DR	HOUSTON	TX	77014-2428
128	1187520010001	CHANTHAVONG REBEC & TIFFANY M	2638 SILVERMEADOW DR	HOUSTON	TX	77014-2428
129	1217350010001	TATRABOR JEROME	12515 SILVERSTREAM CT	HOUSTON	TX	77014
130	1217350010002	MINISTRY OF JESUS CHRIST AND LIFE CENTER	PO BOX 10556	HOUSTON	TX	77206-0556
131	1217350010003	VILLAFANA ROGELIO SOTO	12507 SILVERSTREAM CT	HOUSTON	TX	77014-2868
132	1187530010002	TRAM NGOC M	12438 HAMILLCREST DR	HOUSTON	TX	77014-2434
133	1187530010001	REYES HECTOR A	12442 HAMILLCREST DR	HOUSTON	TX	77014-2434
134	1255680010025	SILVERGLEN TOWN-HOMES	PO BOX 681262	HOUSTON	TX	77268-1262

**Attachment 6 – 4 Sets of Labels of Affected
Landowners' Addresses**

(Corresponds to Administrative Report 1.1, Section 1.C, Page 12 of 17)

FALLBROOK BAPTIST CHURCH
12512 WALTERS RD
HOUSTON TX 77014-2784

DS SILVERGLEN NORTH LLC
2821 JORDENS RD STE 500
HOUSTON TX 77084-7355

HARRIS COUNTY MUD NO 304
6935 BARNEY RD STE 110
HOUSTON TX 77092-4443

SILVERGLEN NORTH
PO BOX 650255
DALLAS TX 75265-0255

MITCHELL CHEVIS D & CARLY N
13343 SILVERGLEN RUN TRL
HOUSTON TX 77014-2225

GARCIA HECTOR & ROSA M
13339 SILVERGLEN RUN TRL
HOUSTON TX 77014-2225

ANDERSON NINA GAIL
13335 SILVERGLEN RUN TRL
HOUSTON TX 77014-2225

DOWDEN GORDON
13730 SABLECREST DR
HOUSTON TX 77014-2838

GOULD KYLE JORDAN & LEAH PAULINAH
13327 SILVERGLEN RUN TRL
HOUSTON TX 77014

YIN SAMANTHA
13323 SILVERGLEN RUN TRL
HOUSTON TX 77014-2225

PHILLIPS FREDERICK L JR & AISHA J
13319 SILVERGLEN RUN TRL
HOUSTON TX 77014-2225

VONGSAKOUNE KETMANY
4714 W TRAVIS LN
WEST JORDAN UT 84088

DENNIS MELINDA S
11910 MAPLE OAK DR
HOUSTON TX 77066

PRUITT MARISHA TANGENKA
2902 LOS TRES RANCHOS DR
HOUSTON TX 77014-2793

WILLIAMS EZZARD C & CALONDA A
13303 SILVERGLEN RUN TRL
HOUSTON 77014-2225

MOHAMED TAHA
13239 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

NGO TRACY
13235 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

URIAS YVONNE SAUSAL & CHRISTOPHER
13231 SILVERGLEN RUN TRL
HOUSTON TX 77014

CARIAS HUGO NELSON DIAZ
13227 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

CLARK ALBERTA M
13223 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

DORSEY TASHA RENELL
13219 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

VILLA HARLIN
13215 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

HINES ROLAND
13211 SILVERGLEN RUN TRL
HOUSTON TX 77014

SANTOS ERICK E
13207 SILVERGLEN RUN TRL
HOUSTON TX 77014

TORRES JOSE EDUARDO
13203 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

SILVERGLEN NORTH HOMEOWNERS ASSOC INC
PO BOX 650255
DALLAS TX 75265

REYNA JENNIFER & AARON
13143 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

COLEMAN SHADONNA
13139 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

RESENDEZ JOSE
13135 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

SMITH S THOMAS & DERRICK ANDRE
2821 JORDENS RD STE 500
HOUSTON TX 77084-7355

CHAMBERS BREONNA YVONNE
13127 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

MILANES AMAURY PRADO
13123 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

DAVIS LAWRENCE E & SHEILA
13119 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

COJTIN VICENTE A & LISA A
13115 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

CAO PHUONG THI
4923 TRACEMEADOW DR
HOUSTON TX 77066-4046

HOWEL CRISTHIAN OLIVA
13775 STABLEDON DR
HOUSTON TX 77014-2153

ESPINOZA YASMIN
13103 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

TRAN GARY & BAY
13047 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

DAVIS KRYSTAL MICHELLE & HN FRANKL
13043 SILVERGLEN RUN TRL
HOUSTON TX 77014-2223

LOVE COURTNEY
13039 SILVERGLEN RUN TRL
HOUSTON TX 77014-2223

RAMOS HECTOR F & BELIZA GREGORIA
13035 SILVERGLEN RUN TRL
HOUSTON TX 77014-2223

LENOIR CHRISTIAN
13031 SILVERGLEN RUN TRL
HOUSTON TX 77014-2223

KHA DAVID ICH
13027 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

THOMPSON KEWANNA MARIE
13023 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

CHAKKO JOMAN KURUPPASSERY
13019 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

LEWIS WALLACE L SR
13015 SILVERGLEN RUN TRL
HOUSTON TX 77014-2223

TORRES LUIS MIGUEL VALLADARES
13011 SILVERGLEN RUN TRL
HOUSTON TX 77014

OSORIO JOHANNA VALERIA
15435 BAMMEL FIELD CT
HOUSTON TX 77014-1531

WASHINGTON ELISHA
13003 SILVERGLEN RUN TRL
HOUSTON TX 77014-2223

SILVERGLEN NORTH HOA INC
PO BOX 650255
DALLAS TX 75265

ODISETTI GURUNATH
952 WILLOW ST
ITASCA IL 60143-2854

MARTINEZ SAUL NAVA
12835 PORTER MEADOW LN
HOUSTON TX 77014

DTK BEAUTY LLC
12803 PORTER MEADOW LN
HOUSTON TX 77014-1962

CLARK VERNA
12827 PORTER MEADOW LN
HOUSTON TX 77014-1962

DIGGS GREGG V & BARBARA A
12823 PORTER MEADOW LN
HOUSTON TX 77014-1962

KHAN ASIF L
12819 PORTER MEADOW LN
HOUSTON TX 77014-1962

HARGROVE SAMUEL E
12815 PORTER MEADOW LN
HOUSTON TX 77014-1962

REYES JESUS D
12811 PORTER MEADOW LN
HOUSTON TX 77014-1962

AYERS SONJA
12807 PORTER MEADOW LN
HOUSTON TX 77014-1962

NGUYEN DIEP THI NGOC
12803 PORTER MEADOW LN
HOUSTON TX 77014-1962

GIANG PHAT VINH 12739 PORTER MEADOW LN HOUSTON TX 77014-1960	CURRENT OWNER 9726 PAINTED STONE CT CYPRESS TX 77433-4185	NGUYEN NIKKI THI 12731 PORTER MEADOW LN HOUSTON TX 77014
VILLATORO JESSE A 12727 PORTER MEADOW LN HOUSTON TX 77014-1960	TRAN NAM V 12723 PORTER MEADOW LN HOUSTON TX 77014-1960	NGUYEN DUYEN T 12715 PORTER MEADOW LN HOUSTON TX 77014-1960
LE DAT 5708 W CLIFFHAVEN LN WEST VALLEY CITY UT 84128	SMITH WILLIE 12707 PORTER MEADOW LN HOUSTON TX 77014-2213	AYALA LUIS 12914 ARDEN RIDGE LN HOUSTON TX 77014
SAMUELS STEWART & CARMEN 12635 RIVERHILL CT HOUSTON TX 77014-1958	CURRENT OWNER 12631 RIVERHILL CT HOUSTON TX 77014-1958	TEXAS PROPERTY NETWORK LLC 7710 T CHERRY PARK DR STE 429 HOUSTON TX 77095
VO TAM THI 12623 RIVERHILL CT HOUSTON TX 77014-1958	D&D SQUARED ASSETS LLC 30615 LAVENDER TRACE DR SPRING TX 77386-4017	PETERSON HOWARD & DEBORAH 12615 RIVERHILL CT HOUSTON TX 77014-1958
PHU HAI TRIEU BUI ET VIR 12611 RIVERHILL CT HOUSTON TX 77014-1958	MCQUEEN WILLIE SR & FREEDA 12607 RIVERHILL CT HOUSTON TX 77014-1958	ZAMARRIPA ALONSO & MAYRA 12603 RIVERHILL CT HOUSTON TX 77014-1958
HARRIS COUNTY FLOOD CONTROL DISTRICT 9900 NORTHWEST FWY HOUSTON TX 77092-8601	RANKIN ROAD WEST MUD 11111 KATY FWY STE 725 HOUSTON TX 77079-2175	CURRENT OWNER 12735 LAUREL VALE WAY HOUSTON TX 77014-2473
BATTEE LATAHSHA K & TYRON M 12730 LAUREL MIST WAY HOUSTON TX 77014-2472	JOHNSON JAHMAR R 12735 LAUREL MIST WAY HOUSTON TX 77014-2472	HOWARD JAMES 12731 LAUREL MIST WAY HOUSTON TX 77014-2472
SANCHEZ ISRAEL S & MARIA D 2103 LAUREL CREEK DR HOUSTON TX 77014-2468	MOIZUDDIN SYED 2061 WOOD ST INVERNESS IL 60067-4484	CASTILLO CARLOS A & MORENA E 2206 LAUREL BIRCH DR HOUSTON TX 77014-2466
SAEED MOHAMMAD J 2210 LAUREL BIRCH DR HOUSTON TX 77014-2466	DAO ANH SANG THI 2214 LAUREL BIRCH DR HOUSTON TX 77014-2466	GROCE DALLAS DANTE 2222 LAUREL BIRCH DR HOUSTON TX 77090

FUENTES WALTER ORLANDO
2226 LAUREL BIRCH DR
HOUSTON TX 77014-2466

SAVAGE QUINTIN
12702 CAPE LAUREL
HOUSTON TX 77014-2787

OUM SONTARA
12706 CAPE LAUREL
HOUSTON TX 77014-2787

DEANDA EFRAIN & EVELYN
12710 CAPE LAUREL
HOUSTON TX 77014-2787

FORD WILLIE & DEBORAH
2302 LAUREL RUSTIC OAKS
HOUSTON TX 77014-2789

HAZEL TODD
2306 LAUREL RUSTIC OAKS
HOUSTON TX 77014-2789

PARKS CHERIE P & RODNEY L
13127 SILVERGLEN RUN TRL
HOUSTON TX 77014-2789

HANKS TONI R
2314 LAUREL RUSTIC OAKS
HOUSTON TX 77014-2789

PENA CRESCENCIANO
2318 LAUREL RUSTIC OAKS
HOUSTON TX 77014-2789

MEDLOCK CHERYL D
2322 LAUREL RUSTIC OAKS
HOUSTON TX 77014-2789

DOAKES SHELIA & CHARLES
4715 LANEVIEW RD
HEMPSTEAD TX 77445-7499

HENDERSON-OPARA AUGUSTINA
2402 LAUREL RUSTIC OAKS
HOUSTON TX 77014-2791

VU HOANG NGOC
2406 LAUREL RUSTIC OAKS
HOUSTON TX 77014-2791

BARBER CARROLL & ELERIA M
2410 LAUREL RUSTIC OAKS
HOUSTON TX 77014-2791

ADAMS JOHN & TYROSA
2414 LAUREL RUSTIC OAKS
HOUSTON TX 77014-2791

RAMIREZ MARIA J
2418 LAUREL RUSTIC OAKS
HOUSTON TX 77014-2791

WEATHERS BESSIE L & KELVIN B
2422 LAUREL RUSTIC OAKS
HOUSTON TX 77014-2791

LAUREL OAKS HOMEOWNERS ASSOCIATION INC
PO BOX 672567
HOUSTON TX 77267-2567

WILLIAMS JOE & GLADYS A FRAZIER
12522 AVERY VALE LN
HOUSTON TX 77267-2459

BARRAGAN VICTOR H
12526 AVERY VALE LN
HOUSTON TX 77014-2459

AMH TX PROPERTIES LP
23975 PARK SORRENTO STE 300
CALABASAS CA 91302

VIAN JAMES
10910 LONGREN ST
HOUSTON TX 77089

HARPER RADEOUS
2510 SILVERMEADOW DR
HOUSTON TX 77014-2426

BEASLEY PHILLIP
2514 SILVERMEADOW DR
HOUSTON TX 77014-2426

STRAWBERRY HILLS SELECT
13127 SILVERGLEN RUN TRL
MISSOURI CITY TX 77459-1719

WILBURN CHERYL
2522 SILVERMEADOW DR
HOUSTON TX 77014-2426

LEONARD BRYAN S
2526 SILVERMEADOW DR
HOUSTON TX 77014-2426

TO AI H
6503 SILVER CRESCENT DR
HOUSTON TX 77064-5542

GREEN COLETTE M
2602 SILVERMEADOW DR
HOUSTON TX 77014-2428

FAISON ELLIS I
2606 SILVERMEADOW DR
HOUSTON TX 77014-2428

SABOGAL MICHELL F & DORA
2610 SILVERMEADOW DR
HOUSTON TX 77014-2428

DEVELIZ VALERIA E P
2614 SILVERMEADOW DR
HOUSTON TX 77014-2428

GATLIN CASSANDRA R
2618 SILVERMEADOW DR
HOUSTON TX 77014-2428

LEAKS NORMAN R & DEIDRE H
2622 SILVERMEADOW DR
HOUSTON TX 77014-2428

MENEFEE JAMES L & BEATRICE
2626 SILVERMEADOW DR
HOUSTON TX 77014-2428

FERRELL CARMELA
2630 SILVERMEADOW DR
HOUSTON TX 77014-2428

AYALA-CHICAS WILLIAM A
2634 SILVERMEADOW DR
HOUSTON TX 77014-2428

CHANTHAVONG REBEC & TIFFANY M
2638 SILVERMEADOW DR
HOUSTON TX 77014-2428

TATRABOR JEROME
12515 SILVERSTREAM CT
HOUSTON TX 77014

MINISTRY OF JESUS CHRIST AND LIFE CENTER
PO BOX 10556
HOUSTON TX 77206-0556

VILLAFANA ROGELIO SOTO
12507 SILVERSTREAM CT
HOUSTON TX 77014-2868

TRAM NGOC M
12438 HAMILLCREST DR
HOUSTON TX 77014-2434

REYES HECTOR A
12442 HAMILLCREST DR
HOUSTON TX 77014-2434

SILVERGLEN TOWN-HOMES
PO BOX 681262
HOUSTON TX 77268-1262

Attachment 7 – Supplemental Permit Information Form
(Corresponds to Administrative Report 1.0, Page 14 of 17)

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: Harris County Municipal Utility District 304

Permit No. WQ00 13564001EPA ID No. TX 0097225

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

12603 Wellington Parkway, Houston, Texas 77014

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

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

First and Last Name: Brook Pope

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

Title: Project Manager

Mailing Address: 10011 Meadowglen Lane

City, State, Zip Code: Houston, Texas, 77042

Phone No.: 713.337.7489 Ext.:

Fax No.:

E-mail Address: bpope@ehra.team

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

Applicant is property owner

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.

From the plant site to Harris County Flood Control District (HCFCD) Ditch P145-00-00; thence to Greens Bayou Above Tidal in Segment No. 1016 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):

Proposed construction impacts include excavation depth of approximately sixteen (16) feet on 0.17 acres of land within the wastewater treatment plant site boundary.

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

Site is an existing wastewater treatment facility

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:

Existing phase of wastewater treatment plant and lift station completed July 1985.

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

Since July 1985, property has been existing wastewater treatment plant.

Attachment 8 – Treatment Units And Sizes
(Corresponds to Technical Report 1.0, Item 2.B, Table 1.0(1), Page 2 of 66)

Attachment 8 – Treatment Unit Sizes

(Corresponds to Domestic Technical Report 1.0, Item 2.B, Table 1.0(1), Page 2 of 66)

0.65 MGD

Unit	Number of Units	Size
Influent Channel	1	62 ft L x 3 ft W x 22.5 ft SWD
Aeration Basin	1	62 ft x 15.83 ft x 22.5 ft SWD
Final Clarifier	1	62 ft DIA x 11.91 ft SWD
Chlorine Contact Basin	1	41.583 ft x 7.83 ft x 10.2 ft SWD
Aerobic Digester	1	43.3 ft x 13 ft x 22.1 ft SWD
Sludge Thickener	1	6 ft L x 7.83 ft W x 10.2 ft SWD

0.90 MGD

Unit	Number of Units	Size
Influent Channel	1	62 ft L x 3 ft W x 22.5 ft SWD
	1	48 ft L x 6 ft W x 20 ft SWD
Aeration Basin	1	62 ft x 15.83 ft x 22.5 ft SWD
	1	45.0 ft L x 48.0 ft W x 20.0 ft SWD
Final Clarifier	1	62 ft DIA x 11.91 ft SWD
	1	48.0 ft DIA x 15.0 ft SWD
Chlorine Contact Basin	1	41.583 ft x 7.83 ft x 10.2 ft SWD
	1	10 ft L x 48.0 ft W x 15.0 SWD
Aerobic Digester	1	43.3 ft x 13 ft x 22.1 ft SWD
	2	25 ft L x 23.25 ft W x 20.0 ft SWD
Sludge Thickener	1	6 ft L x 7.83 ft W x 10.2 ft SWD

Existing Sizing Discrepancy

Basin	Tank Height (ft)	Peak Flow Height (ft)	Average Flow Height (ft)	Tank Area (sq. ft.)	Tank Volume (cu. ft.)	Peak Flow Volume (cu. ft.)	Average Flow Volume (cu. ft.)	Req. Volume per Design Calcs. (cu. ft.)	GRADE	Contrast
Aeration	24.10	22.50	22.00	1,293.83	31,181.30	29,111.18	28,464.26	39,418.03	BAD	-8,236.73
Digester	24.10	22.10	22.00	579.30	13,961.13	12,802.53	12,744.60	26,069.52	BAD	-12,108.39
Clarifier	14.10	11.91	11.87	2,202.11	31,049.75	26,227.13	26,139.05	26,275.71	GOOD	4,774.04
Chlorine Contact	14.10	10.00	9.48	471.62	6,649.84	4,716.20	4,470.96	4,827.69	GOOD	1,822.15
AB Influent Channel	24.10	22.50	22.00	188.29	4,537.79	4,236.53	4,142.38	SEE AB REQ.	BAD	NA
BS Influent Channel	4.00			118.96	475.84					475.84
Thickener	24.10	22.05	22.00	175.88	4,238.71	3,878.15	3,869.36	XX	BAD	NA
Pre-mix	24.10	22.10	22.00	40.10	966.41	886.21	882.20	1,086.23	BAD	-119.82

Attachment 9 – Pollutant Analysis Lab Results
(Corresponds to Technical Report 1.0, Item 7, Page 9 of 66)



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

21 May 2018

Jepa Services, Inc.
Jennifer Bradley
PO BOX 683129
Houston, TX 77628

HCMUD #304 WWTP

Enclosed are the results of analyses for samples received by the laboratory on 09-May-18 15:45. 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 cursive script that reads 'Laura Bonjonia'.

Laura Bonjonia For Lyndavia Matthews
Project Manager



Certificate No: T104704265-18-14



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

Client: Jepa Services, Inc.
Project: HCMUD #304 WWTP
Work Order: 18E1341

Reported:
21-May-18 19:26

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Effluent	18E1341-01	Water	09-May-18 08:30	09-May-18 15:45

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 Lyndavia Matthews, Project Manager

Page 2 of 10



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281.568.7880 Phone
www.envirodyne.com

Client: Jepa Services, Inc.
Project: HCMUD #304 WWTP
Work Order: 18E1341

Reported:
21-May-18 19:26

Effluent

18E1341-01 (Water) Sampled: 09-May-18 08:30

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

Envirodyne Laboratories, Inc.

Field Analysis

Chlorine Residual, Total	1.95	0.01	mg/L	1	B8E1529	09-May-18	09-May-18 08:30	SM 4500-Cl G	MAD	
Dissolved Oxygen (DO)	7.26		mg/L	1	B8E1529	09-May-18	09-May-18 08:30	SM4500-O C	MAD	
pH	7.51		SU	1	B8E1529	09-May-18	09-May-18 08:30	SM4500H+ B	MAD	

Microbiology

E.coli	<1	1	MPN/100 mL	1	B8E1590	09-May-18	09-May-18 16:03	SM9223 B	VLM	
--------	----	---	------------	---	---------	-----------	-----------------	----------	-----	--

Wet Chemistry

Alkalinity (Total) as CaCO ₃	160	10.0	mg/L	1	B8E2463	17-May-18	17-May-18 11:05	EPA 310.2	ACB	
Ammonia-N (NH ₃ -N)	<0.10	0.10	mg/L	1	B8E1770	11-May-18	11-May-18 16:00	SM 4500-NH ₃ D	JPC	
CBOD-5	2.4	2.0	mg/L	1	B8E2443	11-May-18	11-May-18 08:20	SM5210 B	AT	
Chloride	140	3.0	mg/L	1	B8E1948	14-May-18	14-May-18 16:00	SM4500-Cl B	AT	
Conductivity	729	10	uS/cm	1	B8E1146	15-May-18	15-May-18 14:08	SM2510 B	AT	
Nitrate-N	5.16	0.50	mg/L	5	B8E1500	09-May-18	09-May-18 12:20	EPA 353.1	UEZ	
Oil & Grease	<5.0	5.0	mg/L	1	B8E1877	14-May-18	14-May-18 10:45	EPA 1664 A	AT	
Sulfate	24.4	2.00	mg/L	1	B8E2837	21-May-18	21-May-18 11:09	EPA 375.4	UEZ	
TDS	422	10.0	mg/L	1	B8E1926	14-May-18	14-May-18 15:18	SM2540 C	JCR	
TKN-N	<0.42	0.42	mg/L	1	B8E2972	11-May-18	11-May-18 16:00	EPA 351.2	JPC	
Total Phosphorus	1.13	0.10	mg/L	1	B8E2185	16-May-18	18-May-18 13:40	SM4500-P E	AT	
TSS	2.0	2.0	mg/L	1	B8E1601	11-May-18	11-May-18 14:18	SM2540 D	BM	

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 Lyndavia Matthews, Project Manager



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

Client: Jepa Services, Inc.
Project: HCMUD #304 WWTP
Work Order: 18E1341

Reported:
21-May-18 19:26

Microbiology - Quality Control
Envirodyne Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B8E1590 - Microbiology										
Blank (B8E1590-BLK1)					Prepared & Analyzed: 09-May-18					
E.coli	<1		1 MPN/100 mL							
Duplicate (B8E1590-DUP1)					Source: 18E1121-02 Prepared & Analyzed: 09-May-18					
E.coli	<2		2 MPN/100 mL		<2			0	0.4598	

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Laura Bonjonia For Lyndavia Matthews, Project Manager



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www.envirodyne.com

Client: Jepa Services, Inc.
Project: HCMUD #304 WWTP
Work Order: 18E1341

Reported:
21-May-18 19:26

Wet Chemistry - Quality Control
Envirodyne Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
Batch B8E1146 - Inorganics									
Blank (B8E1146-BLK1)				Prepared & Analyzed: 15-May-18					
Conductivity	<10	10	uS/cm						
Duplicate (B8E1146-DUP1)				Source: 18E1332-01 Prepared & Analyzed: 15-May-18					
Conductivity	32.3	10	uS/cm		32.3		0.00	20	
Reference (B8E1146-SRM1)				Prepared & Analyzed: 15-May-18					
Conductivity	187		uS/cm	180		104	0-200		
Batch B8E1500 - Inorganics									
Blank (B8E1500-BLK1)				Prepared & Analyzed: 09-May-18					
Nitrate-N	<0.10	0.10	mg/L						
LCS (B8E1500-BS1)				Prepared & Analyzed: 09-May-18					
Nitrate-N	2.91		mg/L	3.00		97.0	90-110		
Matrix Spike (B8E1500-MS1)				Source: 18E1301-01 Prepared & Analyzed: 09-May-18					
Nitrate-N	3.20	0.10	mg/L	3.00	0.53	89.0	80-120		
Matrix Spike Dup (B8E1500-MSD1)				Source: 18E1301-01 Prepared & Analyzed: 09-May-18					
Nitrate-N	3.29	0.10	mg/L	3.00	0.53	92.0	80-120	2.77	20
Batch B8E1601 - Inorganics									
Blank (B8E1601-BLK1)				Prepared & Analyzed: 11-May-18					
TSS	<2.0	2.0	mg/L						

Envirodyne Laboratories, Inc.

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Laura Bonjonia For Lyndavia Matthews, Project Manager

Page 5 of 10



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Houston, TX 77099
281.568.7880 Phone
www.envirodyne.com

Client: Jepa Services, Inc.
Project: HCMUD #304 WWTP
Work Order: 18E1341

Reported:
21-May-18 19:26

Wet Chemistry - Quality Control
Envirodyne Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B8E1601 - Inorganics										
Duplicate (B8E1601-DUP1)		Source: 18E0626-01		Prepared & Analyzed: 11-May-18						
TSS	3.2	2.0	mg/L		3.4			6.06	20	
Batch B8E1770 - Inorganics										
Blank (B8E1770-BLK1)		Prepared & Analyzed: 11-May-18								
Ammonia-N (NH ₃ -N)	<0.10	0.10	mg/L							
LCS (B8E1770-BS1)		Prepared & Analyzed: 11-May-18								
Ammonia-N (NH ₃ -N)	4.93		mg/L	5.00		98.6	90-110			
Matrix Spike (B8E1770-MS1)		Source: 18E0646-01		Prepared & Analyzed: 11-May-18						
Ammonia-N (NH ₃ -N)	4.39	0.10	mg/L	4.10	0.20	102	80-120			
Matrix Spike Dup (B8E1770-MSD1)		Source: 18E0646-01		Prepared & Analyzed: 11-May-18						
Ammonia-N (NH ₃ -N)	4.27	0.10	mg/L	4.10	0.20	99.3	80-120	2.77	20	
Batch B8E1877 - Inorganics										
Blank (B8E1877-BLK1)		Prepared & Analyzed: 14-May-18								
Oil & Grease	<5.0	5.0	mg/L							
LCS (B8E1877-BS1)		Prepared & Analyzed: 14-May-18								
Oil & Grease	36.4	5.0	mg/L	40.0		91.0	78-114			
LCS Dup (B8E1877-BSD1)		Prepared & Analyzed: 14-May-18								
Oil & Grease	40.9	5.0	mg/L	40.0		102	78-114	11.6	18	

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Page 6 of 10



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www.envirodyne.com

Client: Jepa Services, Inc.
Project: HCMUD #304 WWTP
Work Order: 18E1341

Reported:
21-May-18 19:26

Wet Chemistry - Quality Control
Envirodyne Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B8E1926 - Inorganics										
Blank (B8E1926-BLK1)				Prepared & Analyzed: 14-May-18						
TDS	<10.0	10.0	mg/L							
Duplicate (B8E1926-DUP1)				Source: 18E0629-01 Prepared & Analyzed: 14-May-18						
TDS	412	10.0	mg/L		404			1.96	20	
Batch B8E1948 - Inorganics										
Blank (B8E1948-BLK1)				Prepared & Analyzed: 14-May-18						
Chloride	<3.0	3.0	mg/L							
LCS (B8E1948-BS1)				Prepared & Analyzed: 14-May-18						
Chloride	100		mg/L	100		100	80-120			
Matrix Spike (B8E1948-MS1)				Source: 18E1111-01 Prepared & Analyzed: 14-May-18						
Chloride	142	3.0	mg/L	20.0	124	90.0	80-120			
Matrix Spike Dup (B8E1948-MSD1)				Source: 18E1111-01 Prepared & Analyzed: 14-May-18						
Chloride	144	3.0	mg/L	20.0	124	100	80-120	1.40	20	
Batch B8E2185 - Inorganics										
Blank (B8E2185-BLK1)				Prepared: 16-May-18 Analyzed: 18-May-18						
Total Phosphorus	<0.10	0.10	mg/L							
LCS (B8E2185-BS1)				Prepared: 16-May-18 Analyzed: 18-May-18						
Total Phosphorus	0.940		mg/L	1.00		94.0	80-120			

Envirodyne Laboratories, Inc.

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Laura Bonjonia For Lyndavia Matthews, Project Manager



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

Client: Jepa Services, Inc.
Project: HCMUD #304 WWTP
Work Order: 18E1341

Reported:
21-May-18 19:26

Wet Chemistry - Quality Control
Envirodyne Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B8E2185 - Inorganics										
Matrix Spike (B8E2185-MS1)		Source: 18E1734-01		Prepared: 16-May-18 Analyzed: 18-May-18						
Total Phosphorus	4.50	1.00	mg/L	1.00	3.36	114	80-120			
Matrix Spike Dup (B8E2185-MSD1)		Source: 18E1734-01		Prepared: 16-May-18 Analyzed: 18-May-18						
Total Phosphorus	4.30	1.00	mg/L	1.00	3.36	94.0	80-120	4.55	20	
Batch B8E2443 - Inorganics										
Blank (B8E2443-BLK1)		Prepared & Analyzed: 11-May-18								
CBOD-5	<2.0	2.0	mg/L							
LCS (B8E2443-BS1)		Prepared & Analyzed: 11-May-18								
CBOD-5	211		mg/L	198		106	84.6-115.4			
Duplicate (B8E2443-DUP1)		Source: 18E0999-08		Prepared & Analyzed: 11-May-18						
CBOD-5	2.00	2.0	mg/L		2.10			4.88	20	
Batch B8E2463 - Inorganics										
Blank (B8E2463-BLK1)		Prepared & Analyzed: 17-May-18								
Alkalinity (Total) as CaCO ₃	<10.0	10.0	mg/L							
LCS (B8E2463-BS1)		Prepared & Analyzed: 17-May-18								
Alkalinity (Total) as CaCO ₃	108		mg/L	100		108	80-120			
Duplicate (B8E2463-DUP1)		Source: 18E0651-01		Prepared & Analyzed: 17-May-18						
Alkalinity (Total) as CaCO ₃	318	10.0	mg/L		325			2.18	20	

Envirodyne Laboratories, Inc.

Laura Bonjonia For Lyndavia Matthews, Project Manager

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Houston, TX 77099
281.568.7880 Phone
www.envirodyne.com

Client: Jepa Services, Inc.
Project: HCMUD #304 WWTP
Work Order: 18E1341

Reported:
21-May-18 19:26

Wet Chemistry - Quality Control
Envirodyne Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD Limit	Notes
Batch B8E2837 - Inorganics								
Blank (B8E2837-BLK1)								
				Prepared & Analyzed: 21-May-18				
Sulfate	<2.00	2.00	mg/L					
LCS (B8E2837-BS1)								
				Prepared & Analyzed: 21-May-18				
Sulfate	20.5		mg/L	20.0		102	90-110	
Matrix Spike (B8E2837-MS1)								
				Source: 18E2002-01 Prepared & Analyzed: 21-May-18				
Sulfate	31.9	2.00	mg/L	20.0	15.0	84.5	80-120	
Matrix Spike Dup (B8E2837-MSD1)								
				Source: 18E2002-01 Prepared & Analyzed: 21-May-18				
Sulfate	32.9	2.00	mg/L	20.0	15.0	89.5	80-120	3.09 20

Envirodyne Laboratories, Inc.

Laura Bonjonia

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Laura Bonjonia For Lyndavia Matthews, Project Manager

Page 9 of 10



Envirodyne Laboratories, Inc
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281.568.7880 Phone
www.envirodyne.com

Client: Jepa Services, Inc.
Project: HCMUD #304 WWTP
Work Order: 18E1341

Reported:
21-May-18 19:26

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference
CLT Client Representative

Envirodyne Laboratories, Inc.

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Laura Bonjonia For Lyndavia Matthews, Project Manager

Page 10 of 10

Name: JePa Services, Inc
Address: PO Box 683129
City: Houston, TX 77268-3129
Contact: Paul Bastiansen

Phone: 281-779-3728 Fax:

Analysis Request and Chain of Custody Record

Project No.			Client/Project			Jepa HCMUD #304 - Short Permit			pH	D.O.	Temp.	Analysis Time
Lab ID No.	Field Sample No./ Identification	Date & Time	Lab	Comp	Sample Container (Size/Mat)	Sample Type (Liquid, Sludge, etc.)	Preservative	ANALYSIS REQUESTED				
	Effluent	5/18/08	X		NA	Liquid	NA	pH, DO, CI2	7.5	17	0822	
	Effluent	5/18/08	X		1 gal/P cubic	Liquid	ICE	CBOD, TSS, SO4, CI, TDS, T. Alk, Cond				
	Effluent	5/18/08	X		500 ml/P	Liquid	ICE, H2SO4	NH 3-N, TKN-N, T. PO4, NO3-N				
	Effluent	5/18/08	X		120 ml P/IDEXX	Liquid	ce, Na2S2O3	E. coli				
	Effluent	5/18/08	X		1 L/g	Liquid	ICE, HCL	Oil & Grease				
Samplers: (Signature)			Relinquished by: (Signature)			Received by: (Signature)			Date: Time:		Seal Intact?	
Affiliation			Relinquished by: (Signature)			Received by: (Signature)			Date: Time:		Seal Intact?	
Remarks:			Relinquished by: (Signature)			Received by Lab: (Signature)			Date: Time:		Seal Intact?	
FLOW: Meter Reading: Cl ₂ Residual: Mn Correction: Cl ₂ Corrected			Arrival Temp. 2.7/22			Data Results To: 1. Site Representative:			Date: Time:		Laboratory No.	

Attachment 10 – Sludge Acceptance Letter
(Corresponds to Technical Report 1.0, Item 9.A, Page 11 of 66)

SLUDGE MANAGEMENT AGREEMENT

This Sludge Management Agreement, is made to be effective as of March 1, 2013 (the "Agreement") by and among Harris County Municipal Utility District No. 304 (the "District"), a political subdivision of the State of Texas, organized and operating pursuant to Article XVI, Section 59 of the Constitution of Texas and Chapters 49 and 54 of the Texas Water Code, Magna-Flow International, Inc. (d/b/a Magna-Flow Environmental, Inc.) (the "Sludge Manager"), and JePa Services, Inc., a Texas corporation (the "Operator").

RECITALS

WHEREAS, District is authorized to collect, transport, process, dispose of and control municipal sewage waste disposal for the area served by the "Plant" (hereafter defined);

WHEREAS, District has constructed a wastewater treatment plant (the "Plant") which is permitted for a total maximum average daily flow of 0.65 million gallons per day;

WHEREAS, District has engaged Operator under a separate agreement (the "Operator Contract") to operate and maintain the Plant on behalf of District;

WHEREAS, efficient operation and maintenance of the Plant requires the removal of Sewage Sludge on a regular basis;

WHEREAS, Sludge Manager is in the business of safely and legally removing Sewage Sludge from domestic wastewater treatment plants and transporting, processing, treating and disposing of such Sewage Sludge;

WHEREAS, District, Operator and Sludge Manager have determined to join in this Agreement for the purpose of assuring that the Sewage Sludge produced at the Plant is properly managed, in accordance with Applicable Laws and Regulations (as hereafter defined).

NOW, THEREFORE, for and in consideration of the premises and the mutual covenants herein contained, and subject to the conditions herein set forth, the District, Operator and Sludge Manager agree as follows:

AGREEMENTS

- I. Incorporation of Recitals. The recitals are incorporated herein by this reference thereto.
- II. Definitions. When used in this Agreement, the following capitalized terms shall have the meanings set forth below. Terms defined elsewhere in this Agreement are used as so defined.

Attachment 11 – Capacity Request Correspondence

(Corresponds to Technical Report 1.1, Section 1.B.3, Page 20 of 66)

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Grand Finale Wastewater Treatment Plant
c/o Raj Natarajan
3411 Bakewood Court
Houston, Texas 77068

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X

B. Received by (Printed Name)
C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

9590 9402 8119 2349 2854 15

2. Article Number (Transfer from service label)
9489 0090 0027 6550 9606 92

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☒ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail

☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☒ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2020 PSN 7530-02-000-9053

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

North Forest Municipal Utility District
c/o Young & Brooks
10000 Memorial Drive, Suite 260
Houston, Texas 77024

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X

B. Received by (Printed Name)
C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

9590 9402 8119 2349 2854 08

2. Article Number (Transfer from service label)
9489 0090 0027 6550 9606 54

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☒ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail

☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☒ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2020 PSN 7530-02-000-9053

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Northwest Pines Mobile Home Park
c/o Aucoin & Associates
1900 16th Street, Suite 950
Denver, Colorado 80202

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X

B. Received by (Printed Name)
C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

9590 9402 8119 2349 2854 22

2. Article Number (Transfer from service label)
9489 0090 0027 6550 9607 08

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☒ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail

☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☒ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2020 PSN 7530-02-000-9053

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- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Harris County Municipal Utility District No. 189
c/o Norton Rose Fulbright USA LLP
1301 McKinney Street, Suite 5100
Houston, Texas 77010

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X

B. Received by (Printed Name)
C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

9590 9402 8119 2349 2854 20

2. Article Number (Transfer from service label)
9489 0090 0027 6550 9607 08

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☒ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail

☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☒ Signature Confirmation™
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PS Form 3811, July 2020 PSN 7530-02-000-9053

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- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Harris County Water Control & Improvement District No. 109
c/o Schwartz, Page & Harding LLP
1300 Post Oak Blvd, Suite 1400
Houston, Texas 77056

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X

B. Received by (Printed Name)
C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

9590 9402 8119 2349 2854 46

2. Article Number (Transfer from service label)
9489 0090 0027 6550 9606 78

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☒ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail

☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☒ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

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- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Northwest Harris County Municipal Utility District Nos. 21, 22, and 23
c/o Coats|Rose, PC
3 Greenway Plaza, Suite 2000
Houston, Texas 77046

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X

B. Received by (Printed Name)
C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

9590 9402 8119 2349 2854 53

2. Article Number (Transfer from service label)
9489 0090 0027 6550 9606 85

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☒ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail

☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☒ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2020 PSN 7530-02-000-9053

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- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Rankin Road West Municipal Utility District
c/o Smith, Murdaugh, Little & Bonham, LLP
2727 Allen Parkway, Suite 1100
Houston, Texas 77019

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X

B. Received by (Printed Name)
C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

9590 9402 8119 2349 2853 30

2. Article Number (Transfer from service label)
9489 0090 0027 6550 9607 15

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☒ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail

☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☒ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2020 PSN 7530-02-000-9053

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- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Harris County Municipal Utility District No. 200
c/o Schwartz, Page & Harding LLP
1300 Post Oak Boulevard, Suite 1400
Houston, Texas 77056

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X

B. Received by (Printed Name)
C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

9590 9402 8119 2349 2853 47

2. Article Number (Transfer from service label)
9489 0090 0027 6550 9607 22

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☒ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail

☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☒ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2020 PSN 7530-02-000-9053

Domestic Return Receipt

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 ■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

NK VII Partners LTD
 c/o Melissa Gonzales
 9703 Richmond Avenue, Suite 100
 Houston, Texas 77042

COMPLETE THIS SECTION ON DELIVERY

A. Signature
 X *[Signature]* ☐ Agent ☐ Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
 If YES, enter delivery address below: ☐ No

3. Service Type
☐ Adult Signature ☐ Priority Mail Express®
☐ Adult Signature Restricted Delivery ☐ Registered Mail™
☒ Certified Mail® ☒ Registered Mail Restricted Delivery
☐ Collect on Delivery ☐ Signature Confirmation™
☐ Collect on Delivery Restricted Delivery ☐ Signature Confirmation Restricted Delivery
☐ Insured Mail

9590 9402 8119 2349 2858 80

2. Article Number (Transfer from service label)
 9489 0090 0027 6550 9608 14

PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

■ Complete items 1, 2, and 3.
 ■ Print your name and address on the reverse so that we can return the card to you.
 ■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

GSL Welcome BP 32 LLC
 c/o Yudith Moreno
 5858 Westheimer Road, Suite 150
 Houston, Texas 77057

COMPLETE THIS SECTION ON DELIVERY

A. Signature
 X *[Signature]* ☐ Agent ☐ Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
 If YES, enter delivery address below: ☐ No

3. Service Type
☐ Adult Signature ☐ Priority Mail Express®
☐ Adult Signature Restricted Delivery ☐ Registered Mail™
☒ Certified Mail® ☒ Registered Mail Restricted Delivery
☐ Collect on Delivery ☐ Signature Confirmation™
☐ Collect on Delivery Restricted Delivery ☐ Signature Confirmation Restricted Delivery
☐ Insured Mail

9590 9402 8119 2349 2869 86

2. Article Number (Transfer from service label)
 9489 0090 0027 6550 9608 07

PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

■ Complete items 1, 2, and 3.
 ■ Print your name and address on the reverse so that we can return the card to you.
 ■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

MC Energy Systems
 Main Water Treatment Plant
 2924 Butterfield Road
 Oak Brook, Illinois 60523

COMPLETE THIS SECTION ON DELIVERY

A. Signature
 X *[Signature]* ☐ Agent ☐ Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
 If YES, enter delivery address below: ☐ No

3. Service Type
☐ Adult Signature ☐ Priority Mail Express®
☐ Adult Signature Restricted Delivery ☐ Registered Mail™
☒ Certified Mail® ☒ Registered Mail Restricted Delivery
☐ Collect on Delivery ☐ Signature Confirmation™
☐ Collect on Delivery Restricted Delivery ☐ Signature Confirmation Restricted Delivery
☐ Insured Mail

9590 9402 8119 2349 2869 79

2. Article Number (Transfer from service label)
 9489 0090 0027 6550 9607 91

PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

■ Complete items 1, 2, and 3.
 ■ Print your name and address on the reverse so that we can return the card to you.
 ■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Harris County Municipal Utility District No. 11
 c/o Coats | Rose
 9 Greenway Plaza, Suite 1000
 Houston, Texas 77046

COMPLETE THIS SECTION ON DELIVERY

A. Signature
 X *[Signature]* ☐ Agent ☐ Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
 If YES, enter delivery address below: ☐ No

3. Service Type
☐ Adult Signature ☐ Priority Mail Express®
☐ Adult Signature Restricted Delivery ☐ Registered Mail™
☒ Certified Mail® ☒ Registered Mail Restricted Delivery
☐ Collect on Delivery ☐ Signature Confirmation™
☐ Collect on Delivery Restricted Delivery ☐ Signature Confirmation Restricted Delivery
☐ Insured Mail

9590 9402 8119 2349 2869 62

2. Article Number (Transfer from service label)
 9489 0090 0027 6550 9607 84

PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

■ Complete items 1, 2, and 3.
 ■ Print your name and address on the reverse so that we can return the card to you.
 ■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Harris County Municipal Utility District No. 33
 c/o Radcliffe Bobbitt Adams Polley, PLLC
 2929 Allen Parkway, Suite 3450
 Houston, Texas 77019

COMPLETE THIS SECTION ON DELIVERY

A. Signature
 X *[Signature]* ☐ Agent ☐ Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
 If YES, enter delivery address below: ☐ No

3. Service Type
☐ Adult Signature ☐ Priority Mail Express®
☐ Adult Signature Restricted Delivery ☐ Registered Mail™
☒ Certified Mail® ☒ Registered Mail Restricted Delivery
☐ Collect on Delivery ☐ Signature Confirmation™
☐ Collect on Delivery Restricted Delivery ☐ Signature Confirmation Restricted Delivery
☐ Insured Mail

9590 9402 8119 2349 2869 55

2. Article Number (Transfer from service label)
 9489 0090 0027 6550 9607 77

PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

■ Complete items 1, 2, and 3.
 ■ Print your name and address on the reverse so that we can return the card to you.
 ■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Northwest Harris County Municipal Utility District No. 24
 c/o Beach & Mitchell, PLC
 2860 Post Oak Boulevard, Suite 4100
 Houston, Texas 77056

COMPLETE THIS SECTION ON DELIVERY

A. Signature
 X *[Signature]* ☐ Agent ☐ Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
 If YES, enter delivery address below: ☐ No

3. Service Type
☐ Adult Signature ☐ Priority Mail Express®
☐ Adult Signature Restricted Delivery ☐ Registered Mail™
☒ Certified Mail® ☒ Registered Mail Restricted Delivery
☐ Collect on Delivery ☐ Signature Confirmation™
☐ Collect on Delivery Restricted Delivery ☐ Signature Confirmation Restricted Delivery
☐ Insured Mail

9590 9402 8119 2349 2869 48

2. Article Number (Transfer from service label)
 9489 0090 0027 6550 9607 60

PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

■ Complete items 1, 2, and 3.
 ■ Print your name and address on the reverse so that we can return the card to you.
 ■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Harris County Municipal Utility District No. 5
 c/o Marks Richardson, PC
 3700 Buffalo Speedway, Suite 830
 Houston, Texas 77098

COMPLETE THIS SECTION ON DELIVERY

A. Signature
 X *[Signature]* ☐ Agent ☐ Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
 If YES, enter delivery address below: ☐ No

3. Service Type
☐ Adult Signature ☐ Priority Mail Express®
☐ Adult Signature Restricted Delivery ☐ Registered Mail™
☒ Certified Mail® ☒ Registered Mail Restricted Delivery
☐ Collect on Delivery ☐ Signature Confirmation™
☐ Collect on Delivery Restricted Delivery ☐ Signature Confirmation Restricted Delivery
☐ Insured Mail

9590 9402 8119 2349 2869 24

2. Article Number (Transfer from service label)
 9489 0090 0027 6550 9607 46

PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

■ Complete items 1, 2, and 3.
 ■ Print your name and address on the reverse so that we can return the card to you.
 ■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Harris County Municipal Utility District No. 150
 c/o Marks Richardson, PC
 3700 Buffalo Speedway, Suite 830
 Houston, Texas 77098

COMPLETE THIS SECTION ON DELIVERY

A. Signature
 X *[Signature]* ☐ Agent ☐ Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
 If YES, enter delivery address below: ☐ No

3. Service Type
☐ Adult Signature ☐ Priority Mail Express®
☐ Adult Signature Restricted Delivery ☐ Registered Mail™
☒ Certified Mail® ☒ Registered Mail Restricted Delivery
☐ Collect on Delivery ☐ Signature Confirmation™
☐ Collect on Delivery Restricted Delivery ☐ Signature Confirmation Restricted Delivery
☐ Insured Mail

9590 9402 8119 2349 2869 17

2. Article Number (Transfer from service label)
 9489 0090 0027 6550 9607 39

PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

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■ Print your name and address on the reverse so that we can return the card to you.
■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Harris County Municipal Utility District No. 180
c/o Strawn & Richardson, PC
6750 West Loop South, Suite 865
Bellaire, Texas 77401



9590 9402 8119 2349 2858 66

2. Article Number (Transfer from service label)

9489 0090 0027 6550 9608 21

PS Form 3811, July 2020 PSN 7530-02-000-9053

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
■ Print your name and address on the reverse so that we can return the card to you.
■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

R&A Harris South LP
c/o 6200 Northwest 167th Street, Building B
Miami Lakes, Florida 33014



9590 9402 8119 2349 2853 54

2. Article Number (Transfer from service label)

9489 0090 0027 6550 9608 45

PS Form 3811, July 2020 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

- A. Signature
X Agent
B. Received by (Printed Name) C. Date of Delivery
D. Is delivery address different from item 1? ☐ Yes
if YES, enter delivery address below: ☐ No

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☒ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☒ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

Restricted Delivery

Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

- A. Signature
X Agent
B. Received by (Printed Name) C. Date of Delivery
D. Is delivery address different from item 1? ☐ Yes
if YES, enter delivery address below: ☐ No

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☒ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☒ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

Restricted Delivery

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

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■ Print your name and address on the reverse so that we can return the card to you.
■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Harris County Municipal Utility District No. 202
c/o Smith, Murdaugh, Little & Bonham, LLP
2727 Allen Parkway, Suite 1100
Houston, Texas 77019



9590 9402 8119 2349 2853 61

2. Article Number (Transfer from service label)

9489 0090 0027 6550 9608 38

PS Form 3811, July 2020 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

- A. Signature
X M. Reyes
B. Received by (Printed Name) C. Date of
D. Is delivery address different from item 1? ☐ Yes
if YES, enter delivery address below: ☐ No

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☒ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☒ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

Restricted Delivery

Domestic Return

July 22, 2024

Via Certified Mail Article No. 9489 0090 0027 6550 9299 89

Harris County Municipal Utility District No. 86
c/o Bacon & Wallace, LLP
6363 Woodway Drive, Suite 800
Houston, Texas 77057

Re: Harris County Municipal Utility District No. 304
Harris County Municipal Utility District No. 304 Wastewater Treatment Plant
Major Amendment TPDES Permit Application
EHRA Project No. 151-057-27

Dear Mr. Wallace:

Harris County Municipal Utility District No. 304 is applying for a major amendment to their existing TPDES wastewater discharge permit with an ultimate flow of 900,000 gallons per day. The major amendment will increase the existing permitted flow by 250,000 gallons per day. As part of the permitting process, the Texas Commission on Environmental Quality (TCEQ) requires each applicant to contact all wastewater treatment plant owners within a three (3) mile radius to determine if available treatment and collection capacity is available to treat the additional flow.

Please indicate below whether or not Harris County Municipal Utility District No. 86 Wastewater Treatment Plant has sufficient treatment and collection system capacity to accept this additional flow.

☐ **YES**, our WWTP can accept the additional 0.25 MGD.

☐ **NO**, our WWTP cannot accept the additional 0.25 MGD.

Name

Date

Your timely response to this matter is greatly appreciated and can be directed to my attention via return mail at 10011 Meadowglen Lane, Houston, Texas 77042 or via email at bpope@ehra.team. Please feel free to contact me at (713) 337-7489, if you have any questions or concerns.

Sincerely,

Cesar Romero

Cesar Romero
Engineer III
Water and Wastewater Facilities

cc: Jack Miller, District Engineer – R.G Engineers, Inc.
Jared R. Bowlin, P.E. – Firm

July 22, 2024

Via Certified Mail Article No. 9489 0090 0027 6550 9606 54

North Forest Municipal Utility District
c/o Young & Brooks
10000 Memorial Drive, Suite 260
Houston, Texas 77024

Re: Harris County Municipal Utility District No. 304
Harris County Municipal Utility District No. 304 Wastewater Treatment Plant
Major Amendment TPDES Permit Application
EHRA Project No. 151-057-27

Dear Mr. Young:

Harris County Municipal Utility District No. 304 is applying for a major amendment to their existing TPDES wastewater discharge permit with an ultimate flow of 900,000 gallons per day. The major amendment will increase the existing permitted flow by 250,000 gallons per day. As part of the permitting process, the Texas Commission on Environmental Quality (TCEQ) requires each applicant to contact all wastewater treatment plant owners within a three (3) mile radius to determine if available treatment and collection capacity is available to treat the additional flow.

Please indicate below whether or not North Forest Municipal Utility District Wastewater Treatment Plant has sufficient treatment and collection system capacity to accept this additional flow.

☐ **YES**, our WWTP can accept the additional 0.25 MGD.

☐ **NO**, our WWTP cannot accept the additional 0.25 MGD.

Name

Date

Your timely response to this matter is greatly appreciated and can be directed to my attention via return mail at 10011 Meadowglen Lane, Houston, Texas 77042 or via email at bpope@ehra.team. Please feel free to contact me at (713) 337-7489, if you have any questions or concerns.

Sincerely,

Cesar Romero

Cesar Romero
Engineer III
Water and Wastewater Facilities

cc: Timothy B. Hardin, District Engineer – Langford Engineering Inc.
Jared R. Bowlin, P.E. – Firm

July 22, 2024

Via Certified Mail Article No. 9489 0090 0027 6550 9606 92

Grand Finale Wastewater Treatment Plant
c/o Raj Natarajan
3411 Blakewood Court
Houston, Texas 77068

Re: Harris County Municipal Utility District No. 304
Harris County Municipal Utility District No. 304 Wastewater Treatment Plant
Major Amendment TPDES Permit Application
EHRA Project No. 151-057-27,

Dear Mr. Natarajan:

Harris County Municipal Utility District No. 304 is applying for a major amendment to their existing TPDES wastewater discharge permit with an ultimate flow of 900,000 gallons per day. The major amendment will increase the existing permitted flow by 250,000 gallons per day. As part of the permitting process, the Texas Commission on Environmental Quality (TCEQ) requires each applicant to contact all wastewater treatment plant owners within a three (3) mile radius to determine if available treatment and collection capacity is available to treat the additional flow.

Please indicate below whether or not Grand Finale Wastewater Treatment Plant has sufficient treatment and collection system capacity to accept this additional flow.

- ☐ **YES**, our WWTP can accept the additional 0.25 MGD.
- ☐ **NO**, our WWTP cannot accept the additional 0.25 MGD.

Name

Date

Your timely response to this matter is greatly appreciated and can be directed to my attention via return mail at 10011 Meadowglen Lane, Houston, Texas 77042 or via email at bpope@ehra.team. Please feel free to contact me at (713) 337-7489, if you have any questions or concerns.

Sincerely,

Cesar Romero

Cesar Romero
Engineer III
Water and Wastewater Facilities

cc: Jared R. Bowlin, P.E. – Firm

July 22, 2024

Via Certified Mail Article No. 9489 0090 0027 6550 9607 08

Northwest Pines Mobile Home Park
c/o Aucoin & Associates
1900 16th Street, Suite 950
Denver, Colorado 80202

Re: Harris County Municipal Utility District No. 304
Harris County Municipal Utility District No. 304 Wastewater Treatment Plant
Major Amendment TPDES Permit Application
EHRA Project No. 151-057-27

Dear Mr. Aucoin:

Harris County Municipal Utility District No. 304 is applying for a major amendment to their existing TPDES wastewater discharge permit with an ultimate flow of 900,000 gallons per day. The major amendment will increase the existing permitted flow by 250,000 gallons per day. part of the permitting process, the Texas Commission on Environmental Quality (TCEQ) requires each applicant to contact all wastewater treatment plant owners within a three (3) mile radius to determine if available treatment and collection capacity is available to treat the additional flow.

Please indicate below whether or not Northwest Pines Mobile Home Park Wastewater Treatment Plant has sufficient treatment and collection system capacity to accept this additional flow.

☐ **YES**, our WWTP can accept the additional 0.25 MGD.

☐ **NO**, our WWTP cannot accept the additional 0.25 MGD.

Name

Date

Your timely response to this matter is greatly appreciated and can be directed to my attention via return mail at 10011 Meadowglen Lane, Houston, Texas 77042 or via email at bpope@ehra.team. Please feel free to contact me at (713) 337-7489, if you have any questions or concerns.

Sincerely,

Cesar Romero

Cesar Romero
Engineer III
Water and Wastewater Facilities

cc: Jared R. Bowlin, P.E. – Firm

July 22, 2024

Via Certified Mail Article No. 9489 0090 0027 6550 9606 61

Harris County Municipal Utility District No. 189
c/o Norton Rose Fulbright USA LLP
1301 McKinney Street, Suite 5100
Houston, Texas 77010

Re: Harris County Municipal Utility District No. 304
Harris County Municipal Utility District No. 304 Wastewater Treatment Plant
Major Amendment TPDES Permit Application
EHRA Project No. 151-057-27

Dear Mr. Wilson:

Harris County Municipal Utility District No. 304 is applying for a major amendment to their existing TPDES wastewater discharge permit with an ultimate flow of 900,000 gallons per day. The major amendment will increase the existing permitted flow by 250,000 gallons per day. As part of the permitting process, the Texas Commission on Environmental Quality (TCEQ) requires each applicant to contact all wastewater treatment plant owners within a three (3) mile radius to determine if available treatment and collection capacity is available to treat the additional flow.

Please indicate below whether or not Harris County Municipal Utility District No. 189 Wastewater Treatment Plant has sufficient treatment and collection system capacity to accept this additional flow.

☐ **YES**, our WWTP can accept the additional 0.25 MGD.

☐ **NO**, our WWTP cannot accept the additional 0.25 MGD.

Name

Date

Your timely response to this matter is greatly appreciated and can be directed to my attention via return mail at 10011 Meadowglen Lane, Houston, Texas 77042 or via email at bpope@ehra.team. Please feel free to contact me at (713) 337-7489, if you have any questions or concerns.

Sincerely,

Cesar Romero

Cesar Romero
Engineer III
Water and Wastewater Facilities

cc: Erik Spencer, District Engineer – Van De Wiele & Vogler, Inc
Jared R. Bowlin, P.E. – Firm

July 22, 2024

Via Certified Mail Article No. 9489 0090 0027 6550 9606 78

Harris County Water Control & Improvement District No. 109
c/o Schwartz, Page & Harding LLP
1300 Post Oak Blvd, Suite 1400
Houston, Texas 77056

Re: Harris County Municipal Utility District No. 304
Harris County Municipal Utility District No. 304 Wastewater Treatment Plant
Major Amendment TPDES Permit Application
EHRA Project No. 151-057-27

Dear Mr. Barker:

Harris County Municipal Utility District No. 304 is applying for a major amendment to their existing TPDES wastewater discharge permit with an ultimate flow of 900,000 gallons per day. The major amendment will increase the existing permitted flow by 250,000 gallons per day. As part of the permitting process, the Texas Commission on Environmental Quality (TCEQ) requires each applicant to contact all wastewater treatment plant owners within a three (3) mile radius to determine if available treatment and collection capacity is available to treat the additional flow.

Please indicate below whether or not Harris County Water Control & Improvement District No. 109 Wastewater Treatment Plant has sufficient treatment and collection system capacity to accept this additional flow.

☐ **YES**, our WWTP can accept the additional 0.25 MGD.

☐ **NO**, our WWTP cannot accept the additional 0.25 MGD.

Name

Date

Your timely response to this matter is greatly appreciated and can be directed to my attention via return mail at 10011 Meadowglen Lane, Houston, Texas 77042 or via email at bpope@ehra.team. Please feel free to contact me at (713) 337-7489, if you have any questions or concerns.

Sincerely,

Cesar Romero

Cesar Romero
Engineer III
Water and Wastewater Facilities

cc: Bradley Jenkins, District Engineer – Quiddity
Jared R. Bowlin, P.E. – Firm

July 22, 2024

Via Certified Mail Article No. 9489 0090 0027 6550 9606 85

Northwest Harris County Municipal Utility District Nos. 21, 22, and 23
c/o Coats|Rose, PC
3 Greenway Plaza, Suite 2000
Houston, Texas 77046

Re: Harris County Municipal Utility District No. 304
Harris County Municipal Utility District No. 304 Wastewater Treatment Plant
Major Amendment TPDES Permit Application
EHRA Project No. 151-057-27

Dear Mr. Cannon:

Harris County Municipal Utility District No. 304 is applying for a major amendment to their existing TPDES wastewater discharge permit with an ultimate flow of 900,000 gallons per day. The major amendment will increase the existing permitted flow by 250,000 gallons per day. As part of the permitting process, the Texas Commission on Environmental Quality (TCEQ) requires each applicant to contact all wastewater treatment plant owners within a three (3) mile radius to determine if available treatment and collection capacity is available to treat the additional flow.

Please indicate below whether or not the Northwest Harris County County Municipal Utility District Nos. 21, 22, and 23 Wastewater Treatment Plants has sufficient treatment and collection system capacity to accept this additional flow.

☐ **YES**, our WWTP can accept the additional 0.25 MGD.

☐ **NO**, our WWTP cannot accept the additional 0.25 MGD.

Name

Date

Your timely response to this matter is greatly appreciated and can be directed to my attention via return mail at 10011 Meadowglen Lane, Houston, Texas 77042 or via email at bpope@ehra.team. Please feel free to contact me at (713) 337-7489, if you have any questions or concerns.

Sincerely,

Cesar Romero

Cesar Romero
Engineer III
Water and Wastewater Facilities

cc: Drew Crow, District Engineer – Quiddity
Jared R. Bowlin, P.E. – Firm

July 22, 2024

Via Certified Mail Article No. 9489 0090 0027 6550 9607 15

Rankin Road West Municipal Utility District
c/o Smith, Murdaugh, Little & Bonham, LLP
2727 Allen Parkway, Suite 1100
Houston, Texas 77019

Re: Harris County Municipal Utility District No. 304
Harris County Municipal Utility District No. 304 Wastewater Treatment Plant
Major Amendment TPDES Permit Application
EHRA Project No. 151-057-27

Dear Mr. Goodall:

Harris County Municipal Utility District No. 304 is applying for a major amendment to their existing TPDES wastewater discharge permit with an ultimate flow of 900,000 gallons per day. The major amendment will increase the existing permitted flow by 250,000 gallons per day. As part of the permitting process, the Texas Commission on Environmental Quality (TCEQ) requires each applicant to contact all wastewater treatment plant owners within a three (3) mile radius to determine if available treatment and collection capacity is available to treat the additional flow.

Please indicate below whether or not the Rankin Road West Municipal Utility District Wastewater Treatment Plant has sufficient treatment and collection system capacity to accept this additional flow.

☐ **YES**, our WWTP can accept the additional 0.25 MGD.

☐ **NO**, our WWTP cannot accept the additional 0.25 MGD.

Name

Date

Your timely response to this matter is greatly appreciated and can be directed to my attention via return mail at 10011 Meadowglen Lane, Houston, Texas 77042 or via email at bpope@ehra.team. Please feel free to contact me at (713) 337-7489, if you have any questions or concerns.

Sincerely,

Cesar Romero

Cesar Romero
Engineer III
Water and Wastewater Facilities

cc: Wesley Lay, District Engineer – Quiddity
Jared R. Bowlin, P.E. – Firm

July 22, 2024

Via Certified Mail Article No. 9489 0090 0027 6550 9607 22

Harris County Municipal Utility District No. 200
c/o Schwartz, Page & Harding LLP
1300 Post Oak Boulevard, Suite 1400
Houston, Texas 77056

Re: Harris County Municipal Utility District No. 304
Harris County Municipal Utility District No. 304 Wastewater Treatment Plant
Major Amendment TPDES Permit Application
EHRA Project No. 151-057-27

Dear Ms. Free:

Harris County Municipal Utility District No. 304 is applying for a major amendment to their existing TPDES wastewater discharge permit with an ultimate flow of 900,000 gallons per day. The major amendment will increase the existing permitted flow by 250,000 gallons per day. As part of the permitting process, the Texas Commission on Environmental Quality (TCEQ) requires each applicant to contact all wastewater treatment plant owners within a three (3) mile radius to determine if available treatment and collection capacity is available to treat the additional flow.

Please indicate below whether or not the Harris County Municipal Utility District No. 200 Wastewater Treatment Plant has sufficient treatment and collection system capacity to accept this additional flow.

☐ **YES**, our WWTP can accept the additional 0.25 MGD.

☐ **NO**, our WWTP cannot accept the additional 0.25 MGD.

Name

Date

Your timely response to this matter is greatly appreciated and can be directed to my attention via return mail at 10011 Meadowglen Lane, Houston, Texas 77042 or via email at bpope@ehra.team. Please feel free to contact me at (713) 337-7489, if you have any questions or concerns.

Sincerely,

Cesar Romero

Cesar Romero
Engineer III
Water and Wastewater Facilities

cc: Justin Abshire, District Engineer – Quiddity
Jared R. Bowlin, P.E. – Firm

July 22, 2024

Via Certified Mail Article No. 9489 0090 0027 6550 9608 45

R&A Harris South LP
c/o 6200 Northwest 167th Street, Building B
Miami Lakes, Florida 33014

Re: Harris County Municipal Utility District No. 304
Harris County Municipal Utility District No. 304 Wastewater Treatment Plant
Major Amendment TPDES Permit Application
EHRA Project No. 151-057-27

To Whom It May Concern:

Harris County Municipal Utility District No. 304 is applying for a major amendment to their existing TPDES wastewater discharge permit with an ultimate flow of 900,000 gallons per day. The major amendment will increase the existing permitted flow by 250,000 gallons per day. As part of the permitting process, the Texas Commission on Environmental Quality (TCEQ) requires each applicant to contact all wastewater treatment plant owners within a three (3) mile radius to determine if available treatment and collection capacity is available to treat the additional flow.

Please indicate below whether or not the North Freeway Hyundai Wastewater Treatment Plant has sufficient treatment and collection system capacity to accept this additional flow.

☐ **YES**, our WWTP can accept the additional 0.25 MGD.

☐ **NO**, our WWTP cannot accept the additional 0.25 MGD.

Name

Date

Your timely response to this matter is greatly appreciated and can be directed to my attention via return mail at 10011 Meadowglen Lane, Houston, Texas 77042 or via email at bpope@ehra.team. Please feel free to contact me at (713) 337-7489, if you have any questions or concerns.

Sincerely,

Cesar Romero

Cesar Romero
Engineer III
Water and Wastewater Facilities

cc: Jared R. Bowlin, P.E. – Firm

July 22, 2024

Via Certified Mail Article No. 9489 0090 0027 6550 9608 38

Harris County Municipal Utility District No. 202
c/o Smith, Murdaugh, Little & Bonham, LLP
2727 Allen Parkway, Suite 1100
Houston, Texas 77019

Re: Harris County Municipal Utility District No. 304
Harris County Municipal Utility District No. 304 Wastewater Treatment Plant
Major Amendment TPDES Permit Application
EHRA Project No. 151-057-27

Dear Mr. Smith:

Harris County Municipal Utility District No. 304 is applying for a major amendment to their existing TPDES wastewater discharge permit with an ultimate flow of 900,000 gallons per day. The major amendment will increase the existing permitted flow by 250,000 gallons per day. As part of the permitting process, the Texas Commission on Environmental Quality (TCEQ) requires each applicant to contact all wastewater treatment plant owners within a three (3) mile radius to determine if available treatment and collection capacity is available to treat the additional flow.

Please indicate below whether or not the Harris County Municipal Utility District No. 202 Wastewater Treatment Plant has sufficient treatment and collection system capacity to accept this additional flow.

☐ **YES**, our WWTP can accept the additional 0.25 MGD.

☐ **NO**, our WWTP cannot accept the additional 0.25 MGD.

Name

Date

Your timely response to this matter is greatly appreciated and can be directed to my attention via return mail at 10011 Meadowglen Lane, Houston, Texas 77042 or via email at bpope@ehra.team. Please feel free to contact me at (713) 337-7489, if you have any questions or concerns.

Sincerely,

Cesar Romero

Cesar Romero
Engineer III
Water and Wastewater Facilities

cc: Norman F. Scholes, District Engineer – Van De Wiele & Vogler, Inc
Jared R. Bowlin, P.E. – Firm

July 22, 2024

Via Certified Mail Article No. 9489 0090 0027 6550 9608 21

Harris County Municipal Utility District No. 180
c/o Strawn & Richardson, PC
6750 West Loop South, Suite 865
Bellaire, Texas 77401

Re: Harris County Municipal Utility District No. 304
Harris County Municipal Utility District No. 304 Wastewater Treatment Plant
Major Amendment TPDES Permit Application
EHRA Project No. 151-057-27

Dear Mr. Richardson:

Harris County Municipal Utility District No. 304 is applying for a major amendment to their existing TPDES wastewater discharge permit with an ultimate flow of 900,000 gallons per day. The major amendment will increase the existing permitted flow by 250,000 gallons per day. As part of the permitting process, the Texas Commission on Environmental Quality (TCEQ) requires each applicant to contact all wastewater treatment plant owners within a three (3) mile radius to determine if available treatment and collection capacity is available to treat the additional flow.

Please indicate below whether or not the Harris County Municipal Utility District No. 180 Wastewater Treatment Plant has sufficient treatment and collection system capacity to accept this additional flow.

☐ **YES**, our WWTP can accept the additional 0.25 MGD.

☐ **NO**, our WWTP cannot accept the additional 0.25 MGD.

Name

Date

Your timely response to this matter is greatly appreciated and can be directed to my attention via return mail at 10011 Meadowglen Lane, Houston, Texas 77042 or via email at bpope@ehra.team. Please feel free to contact me at (713) 337-7489, if you have any questions or concerns.

Sincerely,

Cesar Romero

Cesar Romero
Engineer III
Water and Wastewater Facilities

cc: Troy M. Bordelon, District Engineer – A&S Engineers
Jared R. Bowlin, P.E. – Firm

July 22, 2024

Via Certified Mail Article No. 9489 0090 0027 6550 9607 39

Harris County Municipal Utility District No. 150
c/o Marks Richardson, PC
3700 Buffalo Speedway, Suite 830
Houston, Texas 77098

Re: Harris County Municipal Utility District No. 304
Harris County Municipal Utility District No. 304 Wastewater Treatment Plant
Major Amendment TPDES Permit Application
EHRA Project No. 151-057-27

Dear Ms. Richardson:

Harris County Municipal Utility District No. 304 is applying for a major amendment to their existing TPDES wastewater discharge permit with an ultimate flow of 900,000 gallons per day. The major amendment will increase the existing permitted flow by 250,000 gallons per day. As part of the permitting process, the Texas Commission on Environmental Quality (TCEQ) requires each applicant to contact all wastewater treatment plant owners within a three (3) mile radius to determine if available treatment and collection capacity is available to treat the additional flow.

Please indicate below whether or not the Harris County Municipal Utility District No. 150 Wastewater Treatment Plant has sufficient treatment and collection system capacity to accept this additional flow.

☐ **YES**, our WWTP can accept the additional 0.25 MGD.

☐ **NO**, our WWTP cannot accept the additional 0.25 MGD.

Name

Date

Your timely response to this matter is greatly appreciated and can be directed to my attention via return mail at 10011 Meadowglen Lane, Houston, Texas 77042 or via email at bpope@ehra.team. Please feel free to contact me at (713) 337-7489, if you have any questions or concerns.

Sincerely,

Cesar Romero

Cesar Romero
Engineer III
Water and Wastewater Facilities

cc: Alene Efaw, District Engineer – Brown & Gay Engineers Inc
Jared R. Bowlin, P.E. – Firm

July 22, 2024

Via Certified Mail Article No. 9489 0090 0027 6550 9607 46

Harris County Municipal Utility District No. 5
c/o Marks Richardson, PC
3700 Buffalo Speedway, Suite 830
Houston, Texas 77098

Re: Harris County Municipal Utility District No. 304
Harris County Municipal Utility District No. 304 Wastewater Treatment Plant
Major Amendment TPDES Permit Application
EHRA Project No. 151-057-27

Dear Ms. Richardson:

Harris County Municipal Utility District No. 304 is applying for a major amendment to their existing TPDES wastewater discharge permit with an ultimate flow of 900,000 gallons per day. The major amendment will increase the existing permitted flow by 250,000 gallons per day. As part of the permitting process, the Texas Commission on Environmental Quality (TCEQ) requires each applicant to contact all wastewater treatment plant owners within a three (3) mile radius to determine if available treatment and collection capacity is available to treat the additional flow.

Please indicate below whether or not the Harris County Municipal Utility District No. 5 Wastewater Treatment Plant has sufficient treatment and collection system capacity to accept this additional flow.

☐ **YES**, our WWTP can accept the additional 0.25 MGD.

☐ **NO**, our WWTP cannot accept the additional 0.25 MGD.

Name

Date

Your timely response to this matter is greatly appreciated and can be directed to my attention via return mail at 10011 Meadowglen Lane, Houston, Texas 77042 or via email at bpope@ehra.team. Please feel free to contact me at (713) 337-7489, if you have any questions or concerns.

Sincerely,

Cesar Romero

Cesar Romero
Engineer III
Water and Wastewater Facilities

cc: Troy Bordelon, District Engineer – A&S Engineers Inc
Jared R. Bowlin, P.E. – Firm

July 22, 2024

Via Certified Mail Article No. 9489 0090 0027 6550 9607 53

Harris County Municipal Utility District No. 203
c/o Mr. Suhail Kanwar, M.S., P.E.
1002 Washington Avenue, 2nd Floor
Houston, Texas 77002

Re: Harris County Municipal Utility District No. 304
Harris County Municipal Utility District No. 304 Wastewater Treatment Plant
Major Amendment TPDES Permit Application
EHRA Project No. 151-057-27

Dear Mr. Kanwar:

Harris County Municipal Utility District No. 304 is applying for a major amendment to their existing TPDES wastewater discharge permit with an ultimate flow of 900,000 gallons per day. The major amendment will increase the existing permitted flow by 250,000 gallons per day. As part of the permitting process, the Texas Commission on Environmental Quality (TCEQ) requires each applicant to contact the incorporated city if any portion of the proposed service area is located within the city limits to determine if available treatment and collection capacity is available to treat the additional flow.

Please indicate below whether or not the Harris County Municipal Utility District No. 203 Wastewater Treatment Plant has sufficient treatment and collection system capacity to accept this additional flow.

☐ **YES**, our WWTP can accept the additional 0.25 MGD.

☐ **NO**, our WWTP cannot accept the additional 0.25 MGD.

Name

Date

Your timely response to this matter is greatly appreciated and can be directed to my attention via return mail at 10011 Meadowglen Lane, Houston, Texas 77042 or via email at bpope@ehra.team. Please feel free to contact me at (713) 337-7489, if you have any questions or concerns.

Sincerely,

Cesar Romero

Cesar Romero
Engineer III
Water and Wastewater Facilities

cc: Jared R. Bowlin, P.E. – Firm

July 22, 2024

Via Certified Mail Article No. 9489 0090 0027 6550 9607 60

Northwest Harris County Municipal Utility District No. 24
c/o Roach & Mitchell, PLC
2800 Post Oak Boulevard, Suite 4100
Houston, Texas 77056

Re: Harris County Municipal Utility District No. 304
Harris County Municipal Utility District No. 304 Wastewater Treatment Plant
Major Amendment TPDES Permit Application
EHRA Project No. 151-057-27

Dear Mr. Roach:

Harris County Municipal Utility District No. 304 is applying for a major amendment to their existing TPDES wastewater discharge permit with an ultimate flow of 900,000 gallons per day. The major amendment will increase the existing permitted flow by 250,000 gallons per day. As part of the permitting process, the Texas Commission on Environmental Quality (TCEQ) requires each applicant to contact all wastewater treatment plant owners within a three (3) mile radius to determine if available treatment and collection capacity is available to treat the additional flow.

Please indicate below whether or not the Northwest Harris County Municipal Utility District No. 24 Wastewater Treatment Plant has sufficient treatment and collection system capacity to accept this additional flow.

☐ **YES**, our WWTP can accept the additional 0.25 MGD.

☐ **NO**, our WWTP cannot accept the additional 0.25 MGD.

Name

Date

Your timely response to this matter is greatly appreciated and can be directed to my attention via return mail at 10011 Meadowglen Lane, Houston, Texas 77042 or via email at bpope@ehra.team. Please feel free to contact me at (713) 337-7489, if you have any questions or concerns.

Sincerely,

Cesar Romero

Cesar Romero
Engineer III
Water and Wastewater Facilities

cc: Sergio D. Handal, District Engineer – Pape-Dawson Engineers Inc.
Jared R. Bowlin, P.E. – Firm

July 22, 2024

Via Certified Mail Article No. 9489 0090 0027 6550 9607 77

Harris County Municipal Utility District No. 33
c/o Radcliffe Bobbitt Adams Polley, PLLC
2929 Allen Parkway, Suite 3450
Houston, Texas 77019

Re: Harris County Municipal Utility District No. 304
Harris County Municipal Utility District No. 304 Wastewater Treatment Plant
Major Amendment TPDES Permit Application
EHRA Project No. 151-057-27

Dear Ms. Adams:

Harris County Municipal Utility District No. 304 is applying for a major amendment to their existing TPDES wastewater discharge permit with an ultimate flow of 900,000 gallons per day. The major amendment will increase the existing permitted flow by 250,000 gallons per day. As part of the permitting process, the Texas Commission on Environmental Quality (TCEQ) requires each applicant to contact all wastewater treatment plant owners within a three (3) mile radius to determine if available treatment and collection capacity is available to treat the additional flow.

Please indicate below whether or not the Lincoln Green Regional Wastewater Treatment Plant has sufficient treatment and collection system capacity to accept this additional flow.

☐ **YES**, our WWTP can accept the additional 0.25 MGD.

☐ **NO**, our WWTP cannot accept the additional 0.25 MGD.

Name

Date

Your timely response to this matter is greatly appreciated and can be directed to my attention via return mail at 10011 Meadowglen Lane, Houston, Texas 77042 or via email at bpope@ehra.team. Please feel free to contact me at (713) 337-7489, if you have any questions or concerns.

Sincerely,

Cesar Romero

Cesar Romero
Engineer III
Water and Wastewater Facilities

cc: Sergio D. Handal, District Engineer – Odyssey Engineering Group
Jared R. Bowlin, P.E. – Firm

July 22, 2024

Via Certified Mail Article No. 9489 0090 0027 6550 9607 84

Harris County Municipal Utility District No. 11
c/o Coats|Rose
9 Greenway Plaza, Suite 1000
Houston, Texas 77046

Re: Harris County Municipal Utility District No. 304
Harris County Municipal Utility District No. 304 Wastewater Treatment Plant
Major Amendment TPDES Permit Application
EHRA Project No. 151-057-27

Dear Mr. Yale:

Harris County Municipal Utility District No. 304 is applying for a major amendment to their existing TPDES wastewater discharge permit with an ultimate flow of 900,000 gallons per day. The major amendment will increase the existing permitted flow by 250,000 gallons per day. As part of the permitting process, the Texas Commission on Environmental Quality (TCEQ) requires each applicant to contact all wastewater treatment plant owners within a three (3) mile radius to determine if available treatment and collection capacity is available to treat the additional flow.

Please indicate below whether or not the Harris County Municipal Utility District No. 11 Wastewater Treatment Plant has sufficient treatment and collection system capacity to accept this additional flow.

☐ **YES**, our WWTP can accept the additional 0.25 MGD.

☐ **NO**, our WWTP cannot accept the additional 0.25 MGD.

Name

Date

Your timely response to this matter is greatly appreciated and can be directed to my attention via return mail at 10011 Meadowglen Lane, Houston, Texas 77042 or via email at bpope@ehra.team. Please feel free to contact me at (713) 337-7489, if you have any questions or concerns.

Sincerely,

Cesar Romero

Cesar Romero
Engineer III
Water and Wastewater Facilities

cc: Troy M. Bordelon, District Engineer – A&S Engineers Inc.
Jared R. Bowlin, P.E. – Firm

July 22, 2024

Via Certified Mail Article No. 9489 0090 0027 6550 9607 91

FMC Energy Systems Wastewater Treatment Plant
2901 Butterfield Road
Oak Brook, Illinois 60523

Re: Harris County Municipal Utility District No. 304
Harris County Municipal Utility District No. 304 Wastewater Treatment Plant
Major Amendment TPDES Permit Application
EHRA Project No. 151-057-27

To Whom It May Concern:

Harris County Municipal Utility District No. 304 is applying for a major amendment to their existing TPDES wastewater discharge permit with an ultimate flow of 900,000 gallons per day. The major amendment will increase the existing permitted flow by 250,000 gallons per day. As part of the permitting process, the Texas Commission on Environmental Quality (TCEQ) requires each applicant to contact all wastewater treatment plant owners within a three (3) mile radius to determine if available treatment and collection capacity is available to treat the additional flow.

Please indicate below whether or not the FMC Energy Systems Wastewater Treatment Plant has sufficient treatment and collection system capacity to accept this additional flow.

☐ **YES**, our WWTP can accept the additional 0.25 MGD.

☐ **NO**, our WWTP cannot accept the additional 0.25 MGD.

Name

Date

Your timely response to this matter is greatly appreciated and can be directed to my attention via return mail at 10011 Meadowglen Lane, Houston, Texas 77042 or via email at bpope@ehra.team. Please feel free to contact me at (713) 337-7489, if you have any questions or concerns.

Sincerely,

Cesar Romero

Cesar Romero
Engineer III
Water and Wastewater Facilities

cc: Jared R. Bowlin, P.E. – Firm

July 22, 2024

Via Certified Mail Article No. 9489 0090 0027 6550 9608 07

GSL Welcome BP 32 LLC
c/o Yudith Moreno
5858 Westheimer Road, Suite 150
Houston, Texas 77057

Re: Harris County Municipal Utility District No. 304
Harris County Municipal Utility District No. 304 Wastewater Treatment Plant
Major Amendment TPDES Permit Application
EHRA Project No. 151-057-27

To Whom It May Concern:

Harris County Municipal Utility District No. 304 is applying for a major amendment to their existing TPDES wastewater discharge permit with an ultimate flow of 900,000 gallons per day. The major amendment will increase the existing permitted flow by 250,000 gallons per day. As part of the permitting process, the Texas Commission on Environmental Quality (TCEQ) requires each applicant to contact all wastewater treatment plant owners within a three (3) mile radius to determine if available treatment and collection capacity is available to treat the additional flow.

Please indicate below whether or not the Aker Solutions Wastewater Treatment Plant has sufficient treatment and collection system capacity to accept this additional flow.

☐ **YES**, our WWTP can accept the additional 0.25 MGD.

☐ **NO**, our WWTP cannot accept the additional 0.25 MGD.

Name

Date

Your timely response to this matter is greatly appreciated and can be directed to my attention via return mail at 10011 Meadowglen Lane, Houston, Texas 77042 or via email at bpope@ehra.team. Please feel free to contact me at (713) 337-7489, if you have any questions or concerns.

Sincerely,

Cesar Romero

Cesar Romero
Engineer III
Water and Wastewater Facilities

cc: Kingham Dalton Wilson, Ltd
Jared R. Bowlin, P.E. – Firm

July 22, 2024

Via Certified Mail Article No. 9489 0090 0027 6550 9608 14

NK VII Partners LTD
c/o Melissa Gonzales
9703 Richmond Avenue, Suite 100
Houston, Texas 77042

Re: Harris County Municipal Utility District No. 304
Harris County Municipal Utility District No. 304 Wastewater Treatment Plant
Major Amendment TPDES Permit Application
EHRA Project No. 151-057-27

Dear Ms. Gonzales:

Harris County Municipal Utility District No. 304 is applying for a major amendment to their existing TPDES wastewater discharge permit with an ultimate flow of 900,000 gallons per day. The major amendment will increase the existing permitted flow by 250,000 gallons per day. As part of the permitting process, the Texas Commission on Environmental Quality (TCEQ) requires each applicant to contact all wastewater treatment plant owners within a three (3) mile radius to determine if available treatment and collection capacity is available to treat the additional flow.

Please indicate below whether or not the Sam Houston Technology Park Wastewater Treatment Plant has sufficient treatment and collection system capacity to accept this additional flow.

☐ **YES**, our WWTP can accept the additional 0.25 MGD.

☐ **NO**, our WWTP cannot accept the additional 0.25 MGD.

Name

Date

Your timely response to this matter is greatly appreciated and can be directed to my attention via return mail at 10011 Meadowglen Lane, Houston, Texas 77042 or via email at bpope@ehra.team. Please feel free to contact me at (713) 337-7489, if you have any questions or concerns.

Sincerely,

Cesar Romero

Cesar Romero
Engineer III
Water and Wastewater Facilities

cc: Jared R. Bowlin, P.E. – Firm

Signature Certificate

Reference number: GCCAI-PFQ53-BP8JT-TGFGU

Signer

Timestamp

Signature

Cesar Romero

Email: cromero@ehra.team

Sent:

22 Jul 2024 21:47:13 UTC

Viewed:

23 Jul 2024 13:51:07 UTC

Signed:

23 Jul 2024 13:52:34 UTC

Cesar Romero

Recipient Verification:

✓ Email verified

23 Jul 2024 13:51:07 UTC

IP address: 50.230.36.74

Location: Houston, United States

Document completed by all parties on:

23 Jul 2024 13:52:34 UTC

Page 1 of 1



Signed with PandaDoc

PandaDoc is a document workflow and certified eSignature solution trusted by 50,000+ companies worldwide.



Attachment 12A – Design Calculations
(Corresponds to Technical Report 1.1, Item 4, Page 22 of 66)

**ENGINEERING DESIGN SUMMARY
FOR
HARRIS COUNTY MUD NO. 304
WASTEWATER TREATMENT PLANT - 0.50 MGD**

PROJECT: Harris County MUD No. 304

FINAL CLARIFIERS

3/27/2025

0.50 MGD WWTP Expansion

ENGINEER: EHRA, Inc.
10011 Meadowglen Lane
Houston, TX 77042

Brook Pope 713-784-4500 office bpope@ehrainc.com

DESIGN REQUIREMENTS:

The Wastewater Treatment Plant shall be expanded to an additional 0.50 MGD (ADF) common wall, Complete Mix Activated Sludge WWTP, for a total ultimate plant capacity of 0.90 MGD. The expansion shall consist of one (1) process trains. Design Basis shall be current TCEQ Chapter 217 Rules. The WWTP expansion shall incorporate all new concrete tankage.

Flow Conditions - Ultimate Flow:

AVERAGE DAILY FLOW	=	0.9	MGD	=	625.00 GPM
PEAKING FACTOR	=	4			
PEAK 2-HOUR FLOW	=	3.6	MGD	=	2,500.00 GPM

Phase I Flow Conditions:

AVERAGE DAILY FLOW	=	0.5	MGD	=	347.22 GPM
PEAKING FACTOR	=	4			
PEAK 2-HOUR FLOW	=	2	MGD	=	1,388.89 GPM
		2,000,000	GPD		

Influent Loadings

BOD	=	300
TSS	=	250
NH3	=	45

DISCHARGE PERMIT LIMITS

BOD	=	10	MG / L	
TSS	=	15	MG / L	
NH3	=	3	MG / L	
O2	=	4	MG / L	Oxygen residual

CLARIFIER PROCESS DESCRIPTION

THE MAXIMUM FINAL CLARIFIER SURFACE LOADING SHALL BE:

LESS THAN **1,200** GPD PER SQ. FT AT PEAK 2-HOUR FLOW

RETURN ACTIVATED SLUDGE FLOW

MIN FLOW = **200** GALS PER DAY PER SQ. FT OF CLARIFIER AREA

MAX FLOW = **400** GALS PER DAY PER SQ. FT OF CLARIFIER AREA

FINAL CLARIFIER WEIR LOADINGS SHALL NOT EXCEED **20,000**
PER LINEAR FOOT OF WEIR LENGTH

FINAL CLARIFIER EFFECTIVE DETENTION TIME SHALL BE

2.2 HOURS AT PEAK 2-HOUR FLOW

FINAL CLARIFIER DESIGN: (Each Train)

AREA REQ'D = (PEAK 2-HR FLOW) / (1200 GPD/SF)

AREA REQ'D = 1,666.67 SQ. FT

DIA = 46.07 FT

DETERMINE MINIMUM WEIR LENGTH

MAXIMUM LOADING RATE = 20,000 GPD/FT WEIR

MINIMUM WEIR LENGTH = (PEAK 2-HOUR FLOW) / (LOADING RATE)

MINIMUM WEIR LENGTH = 100 FEET

WEIR DIAMETER = 31.83 FEET

PEAK FLOW OVERFLOW RATE GOVERNS FOR CLARIFIER SIZING

PROVIDE ONE (1) 48 FOOT DIAMETER FINAL CLARIFIERS

CHECK DETENTION TIME OF FINAL CLARIFIER

AT PEAK 2-HOUR FLOW = 2.0 MGD = 1389 GPM

AT DESIGN FLOW = 0.50 MGD = 347 GPM

ASSUME SIDE WATER DEPTH OF CLARIFIER = 15.0 FEET

SIDE WATER DEPTH FROM HYD PROF (AVG SWD) = 15.1 FEET

OK

VOLUME OF CLARIFIER = (AREA OF CLARIFIER) * (DEPTH)

VOLUME OF CLARIFIER = 27,143.42 CUBIC FEET

VOLUME OF CLARIFIER = 203,032.81 GALLONS

DETENTION TIME = TOTAL VOLUME / FLOW RATE

DETENTION TIME AT PEAK 2-HOUR FLOW = 146.18 MINS

DETENTION TIME AT PEAK 2-HOUR FLOW = 2.44 HRS

ENGINEERING DESIGN SUMMARY
FOR
HARRIS COUNTY MUD NO. 304
WASTEWATER TREATMENT PLANT - 0.50 MGD

PROJECT: Harris County MUD No. 304

0.50 MGD WWTP Expansion
(Calculations for one (1) train)

PROCESS AERATION **3/27/2025**

DESIGN REQUIREMENTS:

FLOW CONDITIONS:

AVERAGE DAILY FLOW = 0.500 MGD = 347 GPM
PEAK 2-HOUR FLOW = 2.000 MGD = 1389 GPM

INFLUENT LOADINGS:

BOD = 300.00 8.34 0.500 = 1251 lbs/day
TSS = 250.00 8.34 0.5 = 1042.5 lbs/day
NH3 = 45.00 8.34 0.5 = 187.65 lbs/day

PROCESS AERATION BASIN SIZING:

MAXIMUM ORGANIC LOADING FOR SINGLE STAGE NITRIFICATION PROCESS
35 LBS/DAY BOD/ 1000 CF TANKAGE
REQ'D VOLUME = 35,743 cf

CHECK THE F:M RATIO WITH MLSS = 2000 MG / L
F:M = $\frac{[(\text{LBS PER DAY BOD}) * (1,000,000)]}{[(\text{VOL PROVIDED})]}$
(7.48) * (8.34) * (2000)
F:M = 0.27 GOOD!

PHYSICAL ARRANGEMENT OF AERATION BASIN:

WHAT IS INSIDE DIAMETER OF FINAL CLARIFIER? 48 ft
PROPOSED SIDE WATER DEPTH OF AERATION TANK 20 ft
DESIGN SIDE WATER DEPTH OF AERATION TANK 20 ft

CALCULATE AREA OF CORNERS

d = inside diameter = b + a + b = 48.00 feet
n = number of sides of polygon = 8.00
angle = (180 degrees) / (n) = 22.50 degrees
Tan angle = Tan (22.5 degrees) = 0.41
R1 = radius = diameter / 2 = 24.00 feet
a = (2) (tan 22.5 degrees) (R1) = 19.87 feet
b = (diameter - a) / (2) = 14.06 feet
Area of each corner = 98.90 sf

DETERMINE AREA OF AERATION OF TANKAGE

AREA = REQUIRED BASIN VOLUME / SIDE WATER DEPTH
AREA REQUIRED FOR AERATION BASIN = 1787.14 SF
AREA OF EACH CORNER = 98.90 SF
AREA REQUIRED FOR RECTANGLE = 1589.35 SF

DETERMINE LENGTH OF AERATION BASIN

WIDTH OF RECTANGLE = 48 FEET
 LENGTH OF RECTANGLE = 33.11 FEET Use 34 FT

AERATION BASIN VOLUME: 36,596 CF
 TOTAL AERATION VOLUME: 37,359 CF INCLUDES RAPID MIX
 MORE THAN REQ'D VOLUME OF 35,743 CF OK

PROCESS AERATION EQUIPMENT SIZING:

MINIMUM O2 REQ'D = 2.2 # O2/# BOD5/day
 O2 REQ'D = 2752.20 #/day

CLEAN WATER TRANSFER EFFICIENCY = 11.25% (CWTE)
 USE TCEQ CLEAN TO DIRTY WATER CORRECTION FACTOR: 0.65
 AIRFLOW REQ'D = $\frac{\text{\#O2/DAY}}{(\text{CF})(\text{CWTE})(.232)(.075)(1440)}$ SCFM

AIRFLOW REQ'D = 1379 SCFM

BASIN SIZING FOR DENITRIFICATION ANOXIC ZONE

RULE OF THUMB DENITRIFICATION ZONE 25% - 35% SIZE OF AERATION BASIN

AERATION VOLUME: 36,596 CF

30% OF AERATION BASIN = 10,979 CF 25% OF AERATION BASIN = 9,149 CF

48 FT WIDE 48 FT WIDE
 20 FT SWD 20 FT SWD
 11 FT LONG 10 FT LONG USE 11' LONG

Total Aeration Basin Length = 34 + FT LONG = 11 ft

TOTAL AERATION BASIN SIZING INCLUDING ALLOWANCE FOR ANOXIC ZONE

PROVIDE ONE (1) PROCESS AERATION BASIN, EACH 48
 FEET WIDE BY 11 FEET LONG WITH A SIDE WATER DEPTH OF 20.0 FT
 PROVIDE 2' FREEBOARD ==> 22 FT WALL HEIGHT

CHECK AIR FOR MIXING:

TOTAL AERATION VOLUME: 47,575 CF
 @ 20 scfm/kcf
 AIR REQUIRED FOR MIXING: 951 SCFM

PROCESS AIR REQUIREMENT GOVERNS: 1379 SCFM 7.56 PSIG

AERATION EQUIPMENT:

DESIGN AIRFLOW PER 1-INCH DIFFUSER = 14 SCFM

DIFFUSERS REQ'D = TOTAL AIRFLOW / AIRFLOW PER DIFFUSER
 DIFFUSERS REQ'D = 98

PROVIDE 98 1-INCH DIFFUSERS AT 14.0 SCFM EACH

PROVIDE TWO (2) 48' LONG AIRBRIDGES UTILIZING 4 X 6 TUBING
 FORTY-NINE (49) 1" AIR DIFFUSER DROP ASSEMBLIES PER BRIDGE

**ENGINEERING DESIGN SUMMARY
FOR
HARRIS COUNTY MUD NO. 304
WASTEWATER TREATMENT PLANT - 0.50 MGD**

PROJECT: Harris County MUD No. 304
0.50 MGD WWTP Expansion

AIRLIFT PUMPS 3/27/2025

DESIGN REQUIREMENTS:

FLOW CONDITIONS: (each train)

AVERAGE DAILY FLOW = 0.50 MGD = 347 GPM
PEAK 2-HOUR FLOW = 2.00 MGD = 1389 GPM

INFLUENT LOADINGS:

BOD = 300 8.34 0.50 = 1251 LBS PER DAY
TSS = 250 8.34 0.50 = 1043 LBS PER DAY
NH3 = 45 8.34 0.50 = 146 LBS PER DAY

RAS AIRLIFT PUMP DESIGN

RETURN ACTIVATED SLUDGE FLOW PER CHAPTER 217

MIN FLOW = 200 GALS PER DAY PER SQ FT OF CLARIFIER AREA
MAX FLOW = 400 GALS PER DAY PER SQ FT OF CLARIFIER AREA

FINAL CLARIFIER AREA = 1810 SQUARE FEET

MIN FLOW = 361,911 GALLONS PER DAY
MIN FLOW = 251 GALLONS PER MINUTE

MAX FLOW = 723,823 GALLONS PER DAY
MAX FLOW = 503 GALLONS PER MINUTE

ASSUME 2 AIRLIFT PUMPS
FLOW PER AIRLIFT PUMP = 251 GPM

PROVIDE 2 6-INCH DIAMETER AIRLIFT PUMPS LOCATED IN THE RAPID MIX CHAMBER

PUMPING CAPACITY 250 GPM NOMINAL
350 GPM MAXIMUM

NOMINAL AIRFLOW PER 6" RASALP: 20 SCFM
MAX AIRFLOW PER 6" RASALP: 35 SCFM

WAS AIRLIFT PUMP DESIGN

BOD = W.A.S. = 1251 LBS PER DAY (DRY SOLIDS)
ASSUME W.A.S. = 0.5 % CONCENTRATION (DRY SOLIDS)
= 5000 MG / L

WAS FLOW = $\frac{(\# \text{day solids})}{(\% \text{concentration})} \times (8.34)$

WAS FLOW = 30000 GALS PER DAY

USE 6" AIRLIFT PUMP @ 250 GPM NOMINAL, EACH CLARIFIER

PUMPING CAPACITY 250 GPM NOMINAL
350 GPM MAXIMUM

30000 GPD @ 250 GPM
2.00 HRS WAS PUMPING PER DAY

PUMP 4 TIMES PER DAY (EVERY 6 HOURS) FOR 30 MINUTES

NOMINAL AIRFLOW PER 6" WASALP: 20 SCFM
MAX AIRFLOW PER 6" WASALP: 35 SCFM

OR 250 GPM MECHANICAL PUMPS

**SCUM AIRLIFT PUMPS DESIGN FOR ~20% RAS FLOW = ~100GPM MAX

USE ONE (1) 4" AIRLIFT PUMP @ 110 GPM NOMINAL EACH CLARIFIER

**ENGINEERING DESIGN SUMMARY
FOR
HARRIS COUNTY MUD NO. 304
WASTEWATER TREATMENT PLANT - 0.50 MGD**

PROJECT: Harris County MUD No. 304 **RAS AND INFLUENT CHANNEL** 3/27/2025

0.50 MGD WWTP Expansion

PROCESS DESCRIPTION:

INCOMING SCREEN RAW WASTEWATER IS INTRODUCED TO THE PLANT THROUGH THE INFLUENT CHANNEL. RAS AIRLIFT PUMPS ARE LOCATED AT THE HEAD OF THE CHANNEL FOR MIXING WITH THE INCOMING RAW SEWAGE FLOW PRIOR TO DISTRIBUTION TO THE PROCESS AERATION BASINS. AIR IS INTRODUCED INTO THE HEAD OF THE CHANNEL AT A HIGH RATE IN ORDER TO OXYGENATE THE INCOMING RAW AND COMPLETELY MIX IT WITH THE RETURN ACTIVATED SLUDGE.

DESIGN REQUIREMENTS:

FLOW CONDITIONS: THIS BASIN DESIGNED FOR ULTIMATE FLOW

AVERAGE DAILY FLOW = 0.5 MGD = 347.22 GPM
PEAKING FACTOR = 4
PEAK 2-HOUR FLOW = 2 MGD = 1388.89 GPM

RAS AIRLIFT FLOW 2 - 6" ALPS (EACH TRAIN) 250 GPM NOMINAL
350 GPM MAXIMUM

TOTAL RAS FLOW FOR 8 PUMPS 2000 GPM NOMINAL
2800 GPM MAXIMUM

TOTAL ADF/NOMINAL INFLUENT TO RAPID MIX: 2347 GPM
314 CFM

TOTAL PEAK/MAX INFLUENT TO RAPID MIX: 4189 GPM
560 CFM

PROCESS REQUIREMENTS:

THE RAS/INFLUENT CHANNEL MAY BE CONSIDERED AN EXTENSION OF THE PROCESS AERATION BASIN IN TERMS OF VOLUME AND AIR REQUIREMENTS. THE MINIMUM AIR REQUIRED FOR RAPID MIXING IS 50 SCFM/KCF. THE MINIMUM AIR REQUIRED FOR MIXING IN THE BALANCE OF THE CHANNEL IS 20 SCFM/KCF. AIR REQUIREMENTS WILL BE

RAPID MIX:

BASIN WIDTH = 48 FEET
BASIN LENGTH = 6 FEET
SIDE WATER DEPTH = 20 FEET

RAPID MIX BASIN VOLUME = 5760 CU FT

HRT AT DESIGN AVERAGE FLOW = 18.36 MIN
HRT AT PEAK FLOW = 10.29 MIN

PROVIDE 50 SCFM PER 1000 CUBIC FEET OF BASIN VOLUME

AERATION REQUIRED = 288 SCFM

DIFFUSER SIZE = 2 INCH M.S. DIFFUSER
NOMINAL AIRFLOW PER 2-INCH DIFFUSER = 70 SCFM

REQ'D NUMBER OF DIFFUSERS = 4.1 DIFFUSERS

PROVIDE 5 2-INCH DIFFUSERS RATED AT 57.6 SCFM EACH
WITH SHEAR TUBES FOR ENHANCED MIXING

**ENGINEERING DESIGN SUMMARY
FOR
HARRIS COUNTY MUD NO. 304
WASTEWATER TREATMENT PLANT - 0.50 MGD**

PROJECT: Harris County MUD No. 304

CHLORINE CONTACT BASIN

03/27/25

0.50 MGD WWTP Expansion

PROJECT REQUIREMENTS: Calculations are for each 0.50 MGD Train

FLOW CONDITIONS:

AVERAGE DAILY FLOW = 0.5 MGD = 347.22 GPM

PEAKING FACTOR = 4

PEAK 2-HOUR FLOW = 2 MGD = 1388.89 GPM

DESIGN REQUIREMENTS:

MINIMUM VOLUME REQ'D FOR 20 MINUTE DETENTION AT PEAK 2-HOUR FLOW

MINIMUM VOL REQ'D = (PEAK 2-HR FLOW IN GPM) (20 MIN TIME) / (7.48 GAL / CU FT)

MINIMUM VOL REQ'D = 3,714 CF

ASSUME SIDE WATER DEPTH = 15 FEET

SWD FRO HYD PROF (MAX SWD) = 15.2 FEET OK

AREA REQ'D = 247.57 SQ FT

AREA OF CORNER FROM CLARIFIER CALCS: 98.90 CF

AREA OF RECTANGLE = 50 SQ FT

LENGTH OF RECTANGLE = CLARIFIER DIAMETER = 48.00 FT

WIDTH OF RECTANGLE = 1.04 FEET SAY 10 FEET

ACTUAL AREA OF RECTANGLE = 480 SF

AREA OF ONE CORNER = 98.90 SF

TOTAL AREA PROVIDED = 677.80 SF

ACTUAL VOLUME PROVIDED = 10167 CU FT

CHLORINE BASIN DIMENSIONS: 10.00 FT WIDE, 48.00 FT LONG 15 FT SWD

ACTUAL DETENTION TIME = (VOL IN CF) * (7.48) / (PEAK FLOW IN GPM)

ACTUAL DETENTION TIME = 55 MINUTES

AERATION REQUIRED = 25 SCFM PER 1000 CU FT OF TANKAGE

AIR REQ'D = (25 SCFM) (VOLUME REQ'D) / 1000

AIR REQ'D = 254 SCFM

DETERMINE NUMBER OF AIR DIFFUSERS REQUIRED

SIZE OF DIFFUSERS = 1 INCH

AIRFLOW PER DIFF = 10 SCFM PER DIFFUSER

NUMBER OF DIFF = (REQ'D SCFM) / (SCFM PER DIFFUSER) : 25.41735

NUMBER OF DIFF = 25 1" SINGLE DROP DIFFUSERS REQ'D

ON 4" HEADER

CHLORINE CONTACT BASIN

PAGE 1 OF 1

**ENGINEERING DESIGN SUMMARY
FOR
HARRIS COUNTY MUD NO. 304
WASTEWATER TREATMENT PLANT - 0.50 MGD**

PROJECT: Harris County MUD No. 304

0.50 MGD WWTP Expansion

AEROBIC DIGESTER COMPLEX 3/27/2025

DESIGN REQUIREMENTS: TWO (2) AEROBIC DIGESTER COMPLEXES WILL BE DESIGNED FOR
0.25 MGD EACH

FLOW CONDITIONS: (EACH TRAIN)

AVERAGE DAILY FLOW	=	0.5	MGD	=	347 GPM
PEAKING FACTOR	=	4			
PEAK 2-HOUR FLOW	=	2	MGD	=	1389 GPM

INFLUENT LOADINGS:

BOD	=	300	8.34	0.50	=	1251 LBS/DAY
TSS	=	250	8.34	0.50	=	1043 LBS/DAY
NH3	=	60	8.34	0.50	=	146 LBS/DAY

EFFLUENT LOADINGS:

BOD	=	10	MG/L
TSS	=	15	MG/L
NH3	=	3	MG/L

DESIGN CRITERIA:

PROCESS DESCRIPTION:

SETTLED SLUDGE IS AIRLIFTED FROM THE CLARIFIER HOPPER TO ONE OF TWO (2)
AEROBIC DIGESTER BASINS.

AEROBIC DIGESTER DESIGN

TCEQ MINIMUM VOLUME REQ'D	=	20	CF/# BOD
TCEQ MINIMUM DETENTION TIME	=	40	DAYS SRT
DIGESTER SOLIDS	=	30,000	MG/L
VOLATILE SOLIDS REDUCTION	=	44%	METCALF AND EDDY (4TH EDITION)
MLVSS/MLSS RATIO	=	0.75	
TOTAL DAILY SOLIDS GENERATION	=	1123	#/DAY
TOTAL SOLIDS AFTER DIGESTION	=	753	#/DAY
TCEQ REQUIRED VOLUME (LOADING)	=	22466	CF
TCEQ REQUIRED VOLUME (DETENTION)	=	16086	CF
ASSUME WATER DEPTH	=	20	FEET
DESIGN BASIN WIDTH	=	23.25	FEET
NUMBER OF BASINS	=	2	
REQUIRED BASIN LENGTH	=	24.16	FEET
USE LENGTH	=	25	FEET
DIGESTER VOLUME AVAILABLE	=	23250	CF
DIGESTER LOADING	=	21	CF/# BOD
DIGESTER SLUDGE RETENTION TIME	=	57.82	DAYS

DIGESTER TANK DESIGN:

AIR REQUIRED FOR DIGESTERS: 465 SCFM FOR TWO (2) DIGESTERS

AIR PER DIGESTER: 233 SCFM

SIZE OF DIFFUSERS = 1 INCH

AIRFLOW PER DIFF = 10 SCFM PER DIFFUSER

NUMBER OF DIFF = (REQ'D SCFM) / (SCFM PER DIFFUSER) = 23.25

NUMBER OF DIFF = 24 1" SINGLE DROP DIFFUSERS REQ'D (EACH BASIN)

USE NINETEEN (24) 1" DIFFUSER DROP ASSEMBLIES: 9.7 SCFM EACH

USE 6" AND 4" AIR HEADERS

AIRLIFT PUMPS:

THICKENED SLUDGE AIRLIFTS (TSALP-1, TSALP-2)

**PROVIDE 2 6-INCH DIAMETER AIRLIFT PUMPS, RATED AT
250 GPM WITH A NOMINAL AIR REQUIREMENT OF 20 SCFM**

THICKENER SCUM: USE EXISTING SCUM COLLECTION SYSTEM AND STATIC SCREENS

AIR SUMMARY:

	PER TRAIN	TOTAL
AEROBIC DIGESTERS	465	930 SCFM
AIRLIFT PUMPS	40	80 SCFM
TOTAL		1010 SCFM

SIZE BLOWERS TO PROVIDE AIRFLOW FOR ULTIMATE FLOW WITH TWO (2) UNITS INCLUDING ONE STANDBY
TWO (2) BLOWERS SHALL BE FURNISHED FOR EXPANSION

PROCESS REQUIREMENTS:

THE PROCESS AERATION BLOWERS TO PROVIDE FOR THE FOLLOWING FOR ULTIMATE FLOW:

PLANT COMPONENT		EACH BASIN	DESIGN AIRFLOW	MAX AIRFLOW
Rapid Mix Basin	1	288	288	432
RAS AIRLIFT PUMPS	2	20	40 SCFM	60 SCFM
WAS AIRLIFT PUMPS	2	20	40 SCFM	60 SCFM
SCUM AIRLIFT PUMPS	2	10	20 SCFM	30 SCFM
FEED CHANNEL	1	115	115 SCFM	173 SCFM
PROCESS AERATION	1	1379	1379 SCFM	2068 SCFM
CHLORINE CONTACT BASIN	1	254	254 SCFM	381 SCFM
DIGESTER BASINS	2	233	465 SCFM	698 SCFM
DIGESTER DECANT AIRLIFTS	2	5	10 SCFM	15 SCFM
TOTALS			2601 SCFM	3902 SCFM

FURNISH TWO (2) P.D.S DESIGNED TO OPERATE ON VFDs
2601 SCFM DESIGN, 3902 SCFM MAX @ 7.63 PSIG

Blower Requirements

Blower Type (CF or PD)	PD Positive Displacement
Blower Header Diameter	24 in
Air Bridge Size	6x8 in
Equivalent Circular Air Pipe	7.55 in
Length of Air Bridge	48 ft
Air Diffuser Submergence	15 ft
Static Head on Air Diffusers	6.49 psi
Intake Losses	0.50 psi
Blower Header Friction Losses	0.00 psi
Air Bridge Friction Losses	0.28 psi
Air Drop Losses (1" air drops)	0.11 psi
5% Factor of Safety	0.37 psi
 Total Differential Pressure Loss	 7.75 psi
 Approximate Blower Power Required	 163.3 HP

Attachment 12B – Design Features
(Corresponds to Technical Report 1.1, Item 4, Page 22 of 66)

Attachment 12B – Design Features

(Corresponds to Technical Report 1.1, Item 4, Page 22 of 66)

Existing Phase – 0.65 MGD

A. STANDBY POWER SYSTEM

The permanent emergency/standby generator set was installed with the original treatment facility. The facility is equipped with a generator capable of powering the following equipment:

1. 3 - Influent Lift Station Pumps
2. 3 - Blowers
3. 1 - Final Clarifier Sludge Scrapers
4. 1 - Non-Potable Water System
5. Chlorination System
6. Effluent Metering Station
7. Lighting Panels and Control Equipment

An automatic transfer switch is included to transfer electrical loads to the generator during an outage. In accordance with *30 TAC §217.37*, the disinfection system will automatically restart during a power outage and upon transfer back to the main power source.

B. ALARM FEATURES

The plant is equipped with an auto-dialer alarm monitor as well as audible alarm and light to alert facility personnel of the following conditions:

1. Power Outage
2. Influent Lift Station Wet Well High Level
3. Blower Failure
4. Final Clarifier Torque Overload
5. Chlorine Leak Detection

The auto-dialer has prerecorded messages concerning each alarm condition and procedure to be followed and will call up to 8 different phone numbers until alarm condition is acknowledged.

C. DESIGN FEATURES FOR OPERATING FLEXIBILITY

1. AERATION BASINS

Existing Phase has one aeration basins, capable of continuous operation.

2. FINAL CLARIFIERS

Existing Phase has one final clarifiers.

3. CHLORINE CONTACT

Existing Phase includes a gaseous chlorination disinfection system, each capable of automatically changing from one cylinder to another per *30 TAC 217.271(b)*.

4. DIGESTER BASINS

Existing Phase includes one digester basin.

D. EQUIPMENT DUPLICITY

1. BLOWERS

THREE blowers were installed with Phase 1. Two were originally used to meet firm design aeration rate, the third as a backup. Backup operation for these units is automatic.

2. NON-POTABLE WATER SYSTEM

There is one non-potable water system, equipped with dual pumps; one for firm capacity and one as a backup, capable of meeting the chlorination system and washdown demand.

E. OVERFLOW PREVENTION

The following design features are used to prevent the overflow of wastewater from treatment units:

1. All units are designed with a minimum of 18 inches free board which will allow time for eliminating any line blockage problem or diversion of flow to another tank.
2. The facility design includes a peaking factor of 4.0 to insure adequate hydraulic capacity.

Ultimate Phase – 0.90 MGD

A. STANDBY POWER SYSTEM

The permanent emergency/standby generator set was installed with the original steel treatment facility. The facility is equipped with a generator capable of powering the following equipment:

1. 3 - Influent Lift Station Pumps
2. 6 - Blowers
3. 2 - Final Clarifier Sludge Scrapers
4. 2 - Non-Potable Water System
5. Chlorination System
6. Effluent Metering Station
7. Lighting Panels and Control Equipment

Additionally, the collection system will be sized such that there is enough storage within the lines for minor outages. An automatic transfer switch is included to transfer electrical loads to the generator during an outage. In accordance with *30 TAC §217.37*, the disinfection system will automatically restart during a power outage and upon transfer back to the main power source.

B. ALARM FEATURES

The plant is equipped with an auto-dialer alarm monitor as well as audible alarm and light to alert facility personnel of the following conditions:

1. Power Outage
2. Influent Lift Station Wet Well High Level
3. Blower Failure
4. Final Clarifier Torque Overload
5. Chlorine Leak Detection

The auto-dialer has prerecorded messages concerning each alarm condition and procedure to be followed and will call up to 8 different phone numbers until alarm condition is acknowledged.

C. DESIGN FEATURES FOR OPERATING FLEXIBILITY

1. AERATION BASINS

Proposed Phase will have two aeration basins, each capable of continuous operation. Piping and valves will be included to allow each unit to be individually isolated for draining, cleaning or repairs.

2. FINAL CLARIFIERS

Proposed Phase will have two final clarifiers as this treatment facility is designed for more than 0.40 million gallons per day, per *30 TAC 217.153 (c)(1)*.

3. CHLORINE CONTACT

Proposed Phase will include two dual gaseous chlorination disinfection systems, capable of automatically changing from one cylinder to another per *30 TAC 217.271(b)*.

4. DIGESTER BASINS

Proposed Phase will include three digester basins, each capable of continuous operation. Piping and valves will be included in each unit to be individually isolated for draining, cleaning or repairs.

D. EQUIPMENT DUPLICITY

1. BLOWERS

Six 50 HP blowers will be installed. Four will be used to meet firm design aeration rate, two as backup. Backup operation for these units is automatic.

2. NON-POTABLE WATER SYSTEM

Two non-potable water system will be equipped with dual pumps, one for firm capacity and one as a backup, each capable of meeting the chlorination system and washdown demand.

E. OVERFLOW PREVENTION

The following design features will be used to prevent the overflow of wastewater from treatment units:

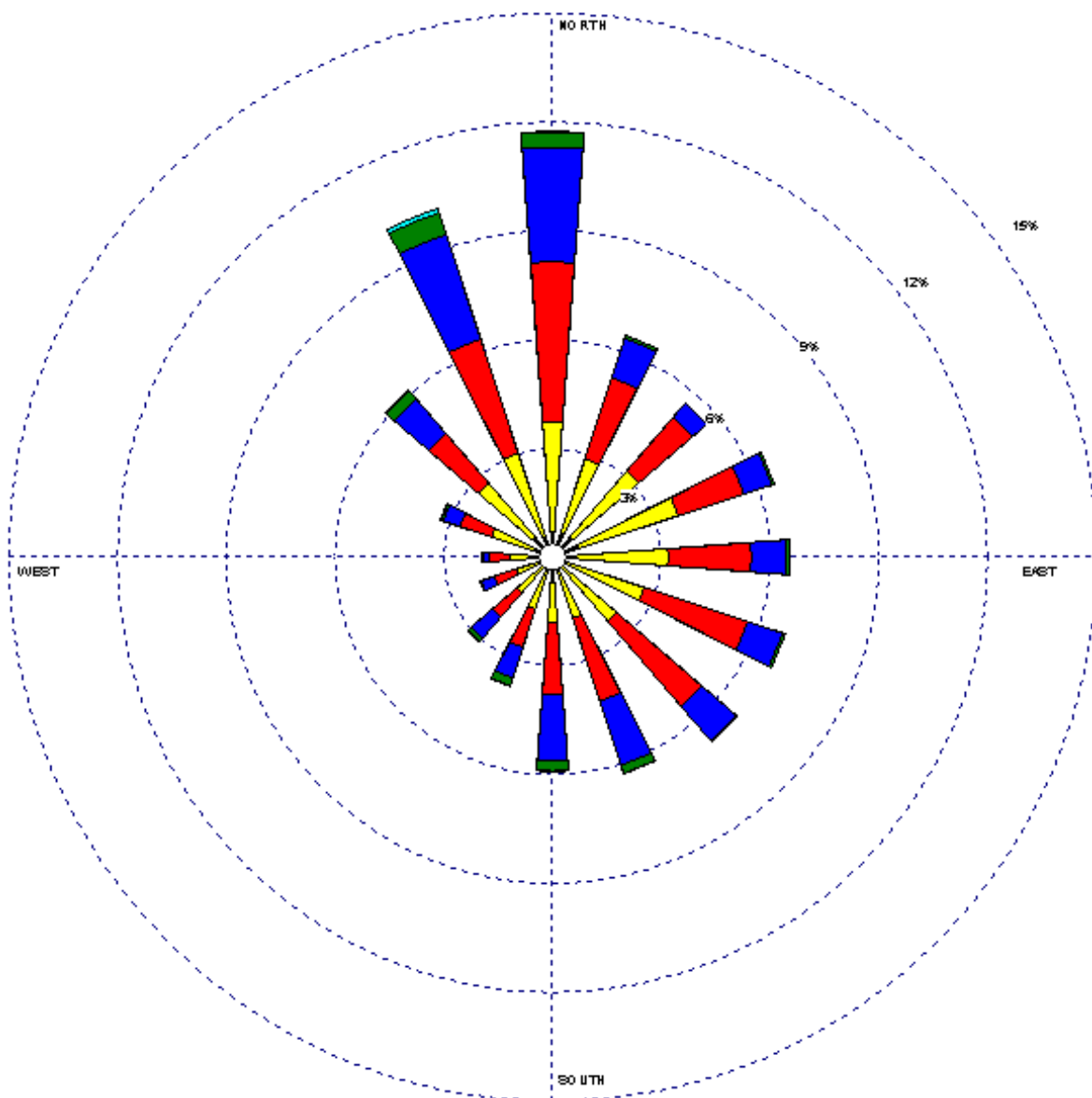
1. All units are designed with a minimum of 18 inches free board which will allow time for eliminating any line blockage problem or diversion of flow to another tank.
2. The facility design includes a peaking factor of 4.0 to insure adequate hydraulic capacity.
3. The facility hydraulic design, including piping, channels, weirs, troughs and other features, will be sized to allow the 2-hour peak flow to pass through the facility without exceeding minimum freeboard requirements with any single treatment unit out of service.


Attachment 13 – Wind Rose

(Corresponds to Technical Report 1.1, Item 5.B, Page 23 of 66)

WIND ROSE PLOT

Station #12960 - HOUSTON/INTERCONTINENTAL ARPT, TX



Wind Speed (m/s) 	MODELER Sara West	DATE 8/29/2002	COMPANY NAME USDA-ARS
	DISPLAY Wind Speed	UNIT m/s	COMMENTS
	AVG. WIND SPEED 4.18 m/s	CALM WINDS 7.10%	
	ORIENTATION Direction (blowing from)	PLOT YEAR-DATE/TIME 1961 Dec 1 - Dec 31 Midnight - 11 PM	

Attachment 14 – Sewage Sludge Solids Management Plan
(Corresponds to Technical Report 1.1, Item 7, Page 23 of 66)

Sludge Management Plan for Harris County MUD No. 304 WWTP

Influent Design Flow: Ultimate Phase - 0.90 MGD

Influent BOD Concentration: 300 mg/L

Aerobic Digester Volume: Ultimate Phase:

cu. ft.	gal
36,053	269,673

Aeration Basin MLSS: 2,000 to 3,000 mg/L

Table 1 - Sludge Production (Existing)

Solids Generated	100% Flow	75% Flow	50% Flow	25% Flow
Pounds Influent BOD5	2253	1690	1127	563
Pounds of digested dry sludge produced*	789	591	394	197
Pounds of wet sludge produced	39,432	29,574	19,716	9,858
Gallons of wet sludge produced	4728	3546	2364	1182

* Assuming 0.35 pounds of digested dry sludge produced per pound of influent BOD5 at average temperatures and 2.0% solids concentration in the digester.

Sludge will be wasted from the RAS flow stream to the aerobic digester. Sludge solids will be stabilized in the digester; supernatant will be decanted from the digester and returned to the facility headworks for treatment.

Table 3 - Sludge Removal Schedule

Removal Schedule (Days)	100% Flow	75% Flow	50% Flow	25% Flow
Days between Sludge Removal (Existing)	57	76	114	228

Liquid digested sludge will be removed from the digester for disposal on a regular basis as required. The calculated mean cell residence time (MCRT) for the digester storage volume of 269,673 gal will be approximately 57 days at 100% capacity and annual average digested sludge production of 789 ppd. The digested sludge is transported by Magna-Flow Environmental (TCEQ No. 21484).

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

☐ Yes ☒ No

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

☐ Yes ☒ No

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

F. Plain Language Summary Template

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

Attachment: **SEE ATTACHMENT 2**

G. Public Involvement Plan Form

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

Attachment: **SEE ATTACHMENT 3**

Section 9. Regulated Entity and Permitted Site Information (Instructions Page 29)

A. If the site is currently regulated by TCEQ, provide the Regulated Entity Number (RN) issued to this site. RN 102097771

Search the TCEQ's Central Registry at <http://www15.tceq.texas.gov/crpub/> to determine if the site is currently regulated by TCEQ.

B. Name of project or site (the name known by the community where located):

Harris County MUD No. 304 Wastewater Treatment Plant

C. Owner of treatment facility: Harris County MUD No. 304

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

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

Prefix: Click to enter text.

Last Name, First Name: Click to enter text.

Title: Click to enter text.

Credential: Click to enter text.

Organization Name: Harris County MUD No. 304 c/o Mitchell, Zientek & Scruggs, LLP

Mailing Address: 24624 Interstate 45 North STE 200 City, State, Zip Code: Woodlands, TX, 77380

Phone No.: 281-719-1990

E-mail Address: frank@mzslegal.com

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

Attachment: N/A



TCEQ Core Data Form

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

SECTION I: General Information

1. Reason for Submission (If other is checked please describe in space provided.)		
<input type="checkbox"/> New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
<input type="checkbox"/> Renewal (Core Data Form should be submitted with the renewal form)	<input checked="" type="checkbox"/> Other Major Amendment	
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 600737183		RN 102097771

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)			
<input type="checkbox"/> New Customer <input checked="" type="checkbox"/> Update to Customer Information <input type="checkbox"/> Change in Regulated Entity Ownership					
<input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)					
<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>	
Harris County Municipal Utility District No. 304					
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:		<input type="checkbox"/> Corporation		<input type="checkbox"/> Individual	Partnership: <input type="checkbox"/> General <input type="checkbox"/> Limited
Government: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> Local <input type="checkbox"/> State <input checked="" type="checkbox"/> Other		<input type="checkbox"/> Sole Proprietorship		<input type="checkbox"/> Other:	
12. Number of Employees				13. Independently Owned and Operated?	
<input checked="" type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following					
<input checked="" type="checkbox"/> Owner <input type="checkbox"/> Operator <input type="checkbox"/> Owner & Operator <input type="checkbox"/> Other: <input type="checkbox"/> Occupational Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> VCP/BSA Applicant					
15. Mailing Address:	Harris County MUD 304				
	24624 Interstate 45 North, Suite 200				
	City	The Woodlands	State	TX	ZIP 77386 ZIP + 4
16. Country Mailing Information (if outside USA)				17. E-Mail Address (if applicable)	
				frank@mzslegal.com	

18. Telephone Number	19. Extension or Code	20. Fax Number (if applicable)
(281) 719-1990		(409) 750-7367

SECTION III: Regulated Entity Information

21. General Regulated Entity Information (If 'New Regulated Entity' is selected, a new permit application is also required.)								
<input type="checkbox"/> New Regulated Entity <input type="checkbox"/> Update to Regulated Entity Name <input checked="" type="checkbox"/> Update to Regulated Entity Information								
<i>The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).</i>								
22. Regulated Entity Name (Enter name of the site where the regulated action is taking place.)								
Harris County Municipal Utility District No. 304 Wastewater Treatment Plant								
23. Street Address of the Regulated Entity: (No PO Boxes)	120603 Wellington Parkway							
	City	Houston	State	TX	ZIP	77014	ZIP + 4	
24. County	Harris							

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

25. Description to Physical Location:								
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:		29.97361			28. Longitude (W) In Decimal:		-95.46583	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds			
29	58	25	95	27	57			
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 Domestic Sewage								
34. Mailing Address:	c/o Roach & Associates, PLLC							
	2001 Timberloch Place, STE 500							
	City	Woodlands	State	TX	ZIP	77380	ZIP + 4	
35. E-Mail Address:	jonathan@roachpllc.com							
36. Telephone Number	37. Extension or Code				38. Fax Number (if applicable)			
(832) 789-1899					(409) 750-7367			

FALLBROOK BAPTIST CHURCH
12512 WALTERS RD
HOUSTON TX 77014-2784

DS SILVERGLEN NORTH LLC
2821 JORDENS RD STE 500
HOUSTON TX 77084-7355

HARRIS COUNTY MUD NO 304
6935 BARNEY RD STE 110
HOUSTON TX 77092-4443

SILVERGLEN NORTH
PO BOX 650255
DALLAS TX 75265-0255

MITCHELL CHEVIS D & CARLY N
13343 SILVERGLEN RUN TRL
HOUSTON TX 77014-2225

GARCIA HECTOR & ROSA M
13339 SILVERGLEN RUN TRL
HOUSTON TX 77014-2225

ANDERSON NINA GAIL
13335 SILVERGLEN RUN TRL
HOUSTON TX 77014-2225

DOWDEN GORDON
13730 SABLECREST DR
HOUSTON TX 77014-2838

GOULD KYLE JORDAN & LEAH PAULINAH
13327 SILVERGLEN RUN TRL
HOUSTON TX 77014

YIN SAMANTHA
13323 SILVERGLEN RUN TRL
HOUSTON TX 77014-2225

PHILLIPS FREDERICK L JR & AISHA J
13319 SILVERGLEN RUN TRL
HOUSTON TX 77014-2225

VONGSAKOUNE KETMANY
4714 W TRAVIS LN
WEST JORDAN UT 84088

DENNIS MELINDA S
11910 MAPLE OAK DR
HOUSTON TX 77066

PRUITT MARISHA TANGENKA
2902 LOS TRES RANCHOS DR
HOUSTON TX 77014-2793

WILLIAMS EZZARD C & CALONDA A
13303 SILVERGLEN RUN TRL
HOUSTON 77014-2225

MOHAMED TAHA
13239 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

NGO TRACY
13235 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

URIAS YVONNE SAUSAL & CHRISTOPHER
13231 SILVERGLEN RUN TRL
HOUSTON TX 77014

CARIAS HUGO NELSON DIAZ
13227 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

CLARK ALBERTA M
13223 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

DORSEY TASHA RENELL
13219 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

VILLA HARLIN
13215 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

HINES ROLAND
13211 SILVERGLEN RUN TRL
HOUSTON TX 77014

SANTOS ERICK E
13207 SILVERGLEN RUN TRL
HOUSTON TX 77014

TORRES JOSE EDUARDO
13203 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

SILVERGLEN NORTH HOMEOWNERS ASSOC INC
PO BOX 650255
DALLAS TX 75265

REYNA JENNIFER & AARON
13143 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

COLEMAN SHADONNA
13139 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

RESENDEZ JOSE
13135 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

SMITH S THOMAS & DERRICK ANDRE
2821 JORDENS RD STE 500
HOUSTON TX 77084-7355

CHAMBERS BREONNA YVONNE
13127 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

MILANES AMAURY PRADO
13123 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

DAVIS LAWRENCE E & SHEILA
13119 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

COJTIN VICENTE A & LISA A
13115 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

CAO PHUONG THI
4923 TRACEMEADOW DR
HOUSTON TX 77066-4046

HOWEL CRISTHIAN OLIVA
13775 STABLEDON DR
HOUSTON TX 77014-2153

ESPINOZA YASMIN
13103 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

TRAN GARY & BAY
13047 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

DAVIS KRYSTAL MICHELLE & HN FRANKL
13043 SILVERGLEN RUN TRL
HOUSTON TX 77014-2223

LOVE COURTNEY
13039 SILVERGLEN RUN TRL
HOUSTON TX 77014-2223

RAMOS HECTOR F & BELIZA GREGORIA
13035 SILVERGLEN RUN TRL
HOUSTON TX 77014-2223

LENOIR CHRISTIAN
13031 SILVERGLEN RUN TRL
HOUSTON TX 77014-2223

KHA DAVID ICH
13027 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

THOMPSON KEWANNA MARIE
13023 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

CHAKKO JOMAN KURUPPASSERY
13019 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

LEWIS WALLACE L SR
13015 SILVERGLEN RUN TRL
HOUSTON TX 77014-2223

TORRES LUIS MIGUEL VALLADARES
13011 SILVERGLEN RUN TRL
HOUSTON TX 77014

OSORIO JOHANNA VALERIA
15435 Bammel Field Ct
HOUSTON TX 77014-1531

WASHINGTON ELISHA
13003 SILVERGLEN RUN TRL
HOUSTON TX 77014-2223

SILVERGLEN NORTH HOA INC
PO BOX 650255
DALLAS TX 75265

ODISETTI GURUNATH
952 WILLOW ST
ITASCA IL 60143-2854

MARTINEZ SAUL NAVA
12835 PORTER MEADOW LN
HOUSTON TX 77014

DTK BEAUTY LLC
12803 PORTER MEADOW LN
HOUSTON TX 77014-1962

CLARK VERNA
12827 PORTER MEADOW LN
HOUSTON TX 77014-1962

DIGGS GREGG V & BARBARA A
12823 PORTER MEADOW LN
HOUSTON TX 77014-1962

KHAN ASIF L
12819 PORTER MEADOW LN
HOUSTON TX 77014-1962

HARGROVE SAMUEL E
12815 PORTER MEADOW LN
HOUSTON TX 77014-1962

REYES JESUS D
12811 PORTER MEADOW LN
HOUSTON TX 77014-1962

AYERS SONJA
12807 PORTER MEADOW LN
HOUSTON TX 77014-1962

NGUYEN DIEP THI NGOC
12803 PORTER MEADOW LN
HOUSTON TX 77014-1962

GIANG PHAT VINH 12739 PORTER MEADOW LN HOUSTON TX 77014-1960	CURRENT OWNER 9726 PAINTED STONE CT CYPRESS TX 77433-4185	NGUYEN NIKKI THI 12731 PORTER MEADOW LN HOUSTON TX 77014
VILLATORO JESSE A 12727 PORTER MEADOW LN HOUSTON TX 77014-1960	TRAN NAM V 12723 PORTER MEADOW LN HOUSTON TX 77014-1960	NGUYEN DUYEN T 12715 PORTER MEADOW LN HOUSTON TX 77014-1960
LE DAT 5708 W CLIFFHAVEN LN WEST VALLEY CITY UT 84128	SMITH WILLIE 12707 PORTER MEADOW LN HOUSTON TX 77014-2213	AYALA LUIS 12914 ARDEN RIDGE LN HOUSTON TX 77014
SAMUELS STEWART & CARMEN 12635 RIVERHILL CT HOUSTON TX 77014-1958	CURRENT OWNER 12631 RIVERHILL CT HOUSTON TX 77014-1958	TEXAS PROPERTY NETWORK LLC 7710 T CHERRY PARK DR STE 429 HOUSTON TX 77095
VO TAM THI 12623 RIVERHILL CT HOUSTON TX 77014-1958	D&D SQUARED ASSETS LLC 30615 LAVENDER TRACE DR SPRING TX 77386-4017	PETERSON HOWARD & DEBORAH 12615 RIVERHILL CT HOUSTON TX 77014-1958
PHU HAI TRIEU BUI ET VIR 12611 RIVERHILL CT HOUSTON TX 77014-1958	MCQUEEN WILLIE SR & FREEDA 12607 RIVERHILL CT HOUSTON TX 77014-1958	ZAMARRIPA ALONSO & MAYRA 12603 RIVERHILL CT HOUSTON TX 77014-1958
HARRIS COUNTY FLOOD CONTROL DISTRICT 9900 NORTHWEST FWY HOUSTON TX 77092-8601	RANKIN ROAD WEST MUD 11111 KATY FWY STE 725 HOUSTON TX 77079-2175	CURRENT OWNER 12735 LAUREL VALE WAY HOUSTON TX 77014-2473
BATTEE LATAHSHA K & TYRON M 12730 LAUREL MIST WAY HOUSTON TX 77014-2472	JOHNSON JAHMAR R 12735 LAUREL MIST WAY HOUSTON TX 77014-2472	HOWARD JAMES 12731 LAUREL MIST WAY HOUSTON TX 77014-2472
SANCHEZ ISRAEL S & MARIA D 2103 LAUREL CREEK DR HOUSTON TX 77014-2468	MOIZUDDIN SYED 2061 WOOD ST INVERNESS IL 60067-4484	CASTILLO CARLOS A & MORENA E 2206 LAUREL BIRCH DR HOUSTON TX 77014-2466
SAEED MOHAMMAD J 2210 LAUREL BIRCH DR HOUSTON TX 77014-2466	DAO ANH SANG THI 2214 LAUREL BIRCH DR HOUSTON TX 77014-2466	GROCE DALLAS DANTE 2222 LAUREL BIRCH DR HOUSTON TX 77090

FUENTES WALTER ORLANDO
2226 LAUREL BIRCH DR
HOUSTON TX 77014-2466

SAVAGE QUINTIN
12702 CAPE LAUREL
HOUSTON TX 77014-2787

OUM SONTARA
12706 CAPE LAUREL
HOUSTON TX 77014-2787

DEANDA EFRAIN & EVELYN
12710 CAPE LAUREL
HOUSTON TX 77014-2787

FORD WILLIE & DEBORAH
2302 LAUREL RUSTIC OAKS
HOUSTON TX 77014-2789

HAZEL TODD
2306 LAUREL RUSTIC OAKS
HOUSTON TX 77014-2789

PARKS CHERIE P & RODNEY L
13127 SILVERGLEN RUN TRL
HOUSTON TX 77014-2789

HANKS TONI R
2314 LAUREL RUSTIC OAKS
HOUSTON TX 77014-2789

PENA CRESCENCIANO
2318 LAUREL RUSTIC OAKS
HOUSTON TX 77014-2789

MEDLOCK CHERYL D
2322 LAUREL RUSTIC OAKS
HOUSTON TX 77014-2789

DOAKES SHELIA & CHARLES
4715 LANEVIEW RD
HEMPSTEAD TX 77445-7499

HENDERSON-OPARA AUGUSTINA
2402 LAUREL RUSTIC OAKS
HOUSTON TX 77014-2791

VU HOANG NGOC
2406 LAUREL RUSTIC OAKS
HOUSTON TX 77014-2791

BARBER CARROLL & ELERIA M
2410 LAUREL RUSTIC OAKS
HOUSTON TX 77014-2791

ADAMS JOHN & TYROSA
2414 LAUREL RUSTIC OAKS
HOUSTON TX 77014-2791

RAMIREZ MARIA J
2418 LAUREL RUSTIC OAKS
HOUSTON TX 77014-2791

WEATHERS BESSIE L & KELVIN B
2422 LAUREL RUSTIC OAKS
HOUSTON TX 77014-2791

LAUREL OAKS HOMEOWNERS ASSOCIATION INC
PO BOX 672567
HOUSTON TX 77267-2567

WILLIAMS JOE & GLADYS A FRAZIER
12522 AVERY VALE LN
HOUSTON TX 77267-2459

BARRAGAN VICTOR H
12526 AVERY VALE LN
HOUSTON TX 77014-2459

AMH TX PROPERTIES LP
23975 PARK SORRENTO STE 300
CALABASAS CA 91302

VIAN JAMES
10910 LONGREN ST
HOUSTON TX 77089

HARPER RADEOUS
2510 SILVERMEADOW DR
HOUSTON TX 77014-2426

BEASLEY PHILLIP
2514 SILVERMEADOW DR
HOUSTON TX 77014-2426

STRAWBERRY HILLS SELECT
13127 SILVERGLEN RUN TRL
MISSOURI CITY TX 77459-1719

WILBURN CHERYL
2522 SILVERMEADOW DR
HOUSTON TX 77014-2426

LEONARD BRYAN S
2526 SILVERMEADOW DR
HOUSTON TX 77014-2426

TO AI H
6503 SILVER CRESCENT DR
HOUSTON TX 77064-5542

GREEN COLETTE M
2602 SILVERMEADOW DR
HOUSTON TX 77014-2428

FAISON ELLIS I
2606 SILVERMEADOW DR
HOUSTON TX 77014-2428

SABOGAL MICHELL F & DORA
2610 SILVERMEADOW DR
HOUSTON TX 77014-2428

DEVELIZ VALERIA E P
2614 SILVERMEADOW DR
HOUSTON TX 77014-2428

GATLIN CASSANDRA R
2618 SILVERMEADOW DR
HOUSTON TX 77014-2428

LEAKS NORMAN R & DEIDRE H
2622 SILVERMEADOW DR
HOUSTON TX 77014-2428

MENEFEE JAMES L & BEATRICE
2626 SILVERMEADOW DR
HOUSTON TX 77014-2428

FERRELL CARMELA
2630 SILVERMEADOW DR
HOUSTON TX 77014-2428

AYALA-CHICAS WILLIAM A
2634 SILVERMEADOW DR
HOUSTON TX 77014-2428

CHANTHAVONG REBEC & TIFFANY M
2638 SILVERMEADOW DR
HOUSTON TX 77014-2428

TATRABOR JEROME
12515 SILVERSTREAM CT
HOUSTON TX 77014

MINISTRY OF JESUS CHRIST AND LIFE CENTER
PO BOX 10556
HOUSTON TX 77206-0556

VILLAFANA ROGELIO SOTO
12507 SILVERSTREAM CT
HOUSTON TX 77014-2868

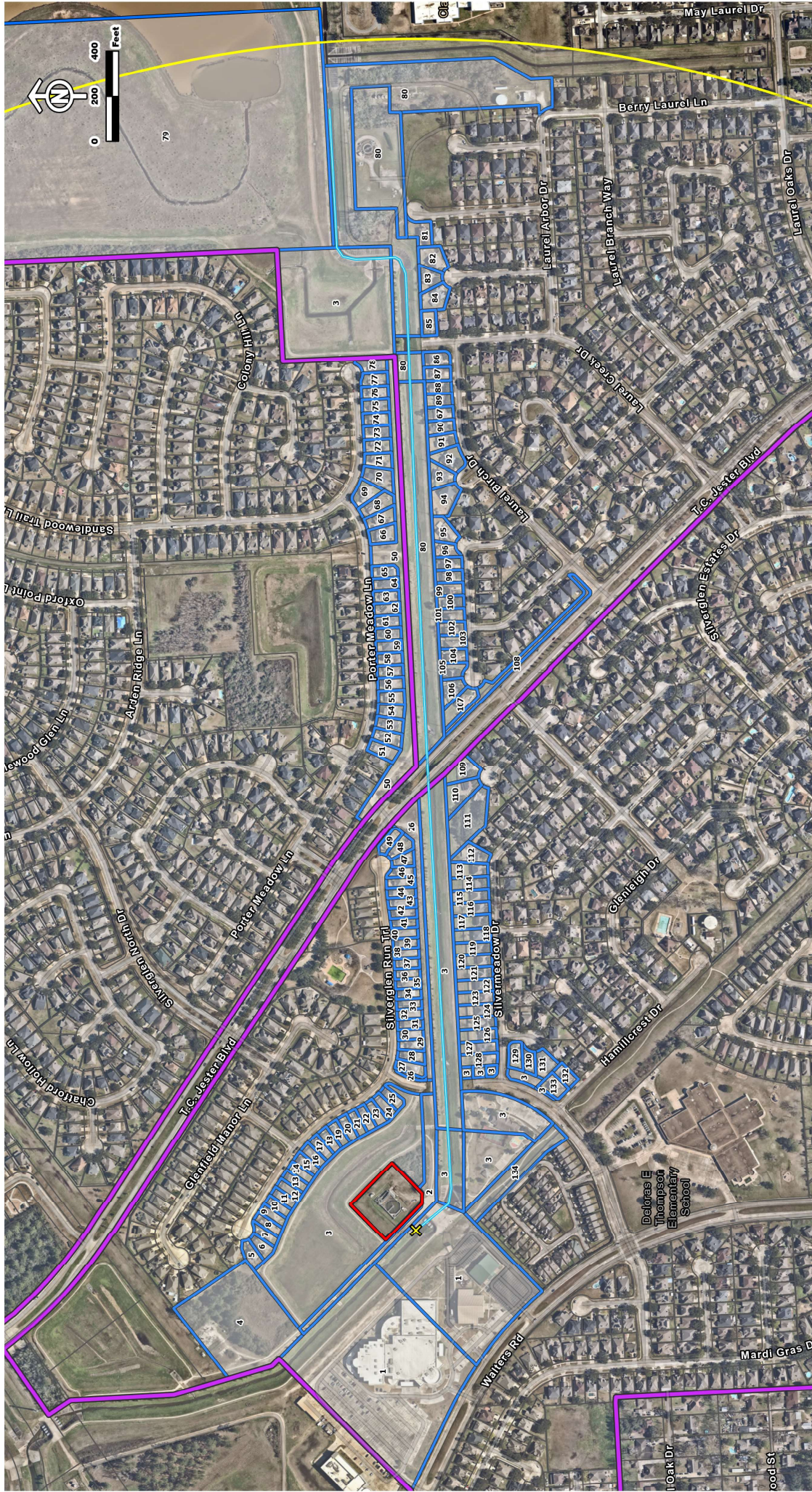
TRAM NGOC M
12438 HAMILLCREST DR
HOUSTON TX 77014-2434

REYES HECTOR A
12442 HAMILLCREST DR
HOUSTON TX 77014-2434

SILVERGLEN TOWN-HOMES
PO BOX 681262
HOUSTON TX 77268-1262

ID	PARCEL ID	CURRENT OWNER	MAILING ADDRESS	CITY	STATE	ZIP CODE
1	1296040010001	FALLBROOK BAPTIST CHURCH	12512 WALTERS RD	HOUSTON	TX	77014-2784
2	0480450000028	DS SILVERGLEN NORTH LLC	2821 JORDENS RD STE 500	HOUSTON	TX	77084-7355
3	1187520010020	HARRIS COUNTY MUD NO 304	6935 BARNEY RD STE 110	HOUSTON	TX	77092-4443
4	0480450000030	SILVERGLEN NORTH	PO BOX 650255	DALLAS	TX	75265-0255
5	1404220010049	MITCHELL CHEVIS D & CARLY N	13343 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2225
6	1404220010050	GARCIA HECTOR & ROSA M	13339 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2225
7	1404220010051	ANDERSON NINA GAIL	13335 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2225
8	1404220010052	DOWDEN GORDON	13730 SABLECREST DR	HOUSTON	TX	77014-2838
9	1404220010053	GOULD KYLE JORDAN & LEAH PAULINAH	13327 SILVERGLEN RUN TRL	HOUSTON	TX	77014
10	1404220010054	YIN SAMANTHA	13323 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2225
11	1404220010055	PHILLIPS FREDERICK L JR & AISHA J	13319 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2225
12	1404220010056	VONGSAKOUNE KETMANY	4714 W TRAVIS LN	WEST JORDAN	UT	84088
13	1404220010057	DENNIS MELINDA S	11910 MAPLE OAK DR	HOUSTON	TX	77066
14	1404220010058	PRUITT MARISHA TANGENEKA	13307 SILVERGLEN RUN TRL	HOUSTON	TX	77014
15	1404220010059	WILLIAMS EZZARD C & CALONDA A	13303 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2225
16	1404220010060	MOHAMED TAHA	13239 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2213
17	1404220010061	NGO TRACY	13235 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2213
18	1404220010062	URIAS YVONNE SAUSAL & CHRISTOPHER	13231 SILVERGLEN RUN TRL	HOUSTON	TX	77014
19	1404220010063	CARIAS HUGO NELSON DIAZ	13227 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2213
20	1404220010064	CLARK ALBERTA M	13223 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2213
21	1404220010065	DORSEY TASHA RENELL	13219 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2213
22	1404220010066	VILLA HARLIN	13215 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2213
23	1404220010067	HINES ROLAND	13207 SILVERGLEN RUN TRL	HOUSTON	TX	77014
24	1404220010068	SANTOS ERICK E	13203 SILVERGLEN RUN TRL	HOUSTON	TX	77014
25	1404220010069	TORRES JOSE EDUARDO	PO BOX 650255	HOUSTON	TX	77014-2213
26	1404220030031	SILVERGLEN NORTH HOMEOWNERS ASSOC INC	13143 SILVERGLEN RUN TRL	DALLAS	TX	75265
27	1404220030028	REYNA JENNIFER & AARON	13139 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2231
28	1404220030027	COLEMAN SHADONNA	13135 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2231
29	1404220030026	RESENDEZ JOSE	2821 JORDENS RD STE 500	HOUSTON	TX	77084-7355
30	1404220030025	SMITH S THOMAS & DERRICK ANDRE	13127 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2231
31	1404220030024	CHAMBERS BREONNA YVONNE	13123 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2231
32	1404220030023	MILANES AMAURY PRADO	13119 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2231
33	1404220030022	DAVIS LAWRENCE E & SHEILA	13115 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2231
34	1404220030021	COJTIN VICENTE A & LISA A	4923 TRACEMEADOW DR	HOUSTON	TX	77068-4046
35	1404220030020	CAO PHUONG THI	13775 STABLEDON DR	HOUSTON	TX	77014-2153
36	1404220030019	HOWEL CRISTHIAN OLIVA	13103 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2231
37	1404220030018	ESPINOZA YASMIN	13047 SILVERGLEN RUN TRL	HOUSTON	TX	77014
38	1404220030017	TRAN GARY & BAY	13043 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2223
39	1404220030016	DAVIS KRYSTAL MICHELLE & HN FRANKL	13039 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2223
40	1404220030015	LOVE COURTNEY	13035 SILVERGLEN RUN TRL	HOUSTON	TX	77014
41	1404220030014	RAMOS HECTOR F & BELIZA GREGORIA	13031 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2223
42	1404220030013	LENOIR CHRISTIAN	13027 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2223
43	1404220030012	KHA DAVID ICH	13023 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2223
44	1404220030011	THOMPSON KEWANNA MARIE	13019 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2223
45	1404220030009	CHAKKO JOWAN KURUPPASSERY	13015 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2223
46	1404220030008	LEWIS WALLACE L SR	13011 SILVERGLEN RUN TRL	HOUSTON	TX	77014
47	1404220030007	TORRES LUIS MIGUEL VALLADARES	15435 BAMMEL FIELD CT	HOUSTON	TX	77014-2223
48	1404220030007	OSORIO JOHANNA VALERIA	15435 BAMMEL FIELD CT	HOUSTON	TX	77014
49	1404220030006	WASHINGTON ELISHA	13003 SILVERGLEN RUN TRL	HOUSTON	TX	77014-1531
50	1251640020051	SILVERGLEN NORTH HOA INC	PO BOX 650255	DALLAS	TX	75265
51	1251640020050	ODISSETTI GURUNATH	962 WILLOW ST	DALLAS	TX	75265
52	1251640020049	MARTINEZ SAUL NAVA	12835 PORTER MEADOW LN	ITASCA	IL	60143-2854
53	1251640020048	DTK BEAUTY LLC	12803 PORTER MEADOW LN	HOUSTON	TX	77014
54	1251640020049	CLARK VERNA	12827 PORTER MEADOW LN	HOUSTON	TX	77014-1962
55	1251640020010	DIGGS GREGG V & BARBARA A	12823 PORTER MEADOW LN	HOUSTON	TX	77014-1962
56	1251640020011	KHAN ASIF L	12819 PORTER MEADOW LN	HOUSTON	TX	77014-1962
57	1251640020012	HARGROVE SAMUEL E	12815 PORTER MEADOW LN	HOUSTON	TX	77014-1962
58	1251640020013	REYES JESUS D	12811 PORTER MEADOW LN	HOUSTON	TX	77014-1962
59	1251640020014	AYERS SONJA	12807 PORTER MEADOW LN	HOUSTON	TX	77014-1962
60	1251640020015	NGUYEN DIEP THI NGOC	12803 PORTER MEADOW LN	HOUSTON	TX	77014-1962
61	1251640020016	GIANG PHAT VINH	12739 PORTER MEADOW LN	HOUSTON	TX	77014-1960
62	1251640020017	CURRENT OWNER	9726 PAINTED STONE CT	HOUSTON	TX	77014-1960
63	1251640020018	NGUYEN NIKKI THI	12731 PORTER MEADOW LN	CYPRESS	TX	77433-4185
64	1251640020019	VILLATORO JESSE A	12727 PORTER MEADOW LN	HOUSTON	TX	77014
65	1251640020020	TRAN NAM V	12723 PORTER MEADOW LN	HOUSTON	TX	77014-1960
66	1251640020021	NGUYEN DUyen T	12715 PORTER MEADOW LN	HOUSTON	TX	77014-1960
67	1251640020022	LE DAT	5708 W CLIFFHAVEN LN	HOUSTON	TX	77014-1960
68	1251640020023	SMITH WILLIE	12707 PORTER MEADOW LN	WEST VALLEY CITY	UT	84128
69	1251640020024	AYALA LUIS	12914 ARDEN RIDGE LN	HOUSTON	TX	77014
70	1251640020025	SAMUELS STEWART & CARMEN	12635 RIVERHILL CT	HOUSTON	TX	77014-1958
71	1251640020026	CURRENT OWNER	12631 RIVERHILL CT	HOUSTON	TX	77014-1958
72	1251640020027	TEXAS PROPERTY NETWORK LLC	7710 T CHERRY PARK DR STE 429	HOUSTON	TX	77095
73	1251640020028	VO TAM THI	12623 RIVERHILL CT	HOUSTON	TX	77014-1958
74	1251640020029	D&D SQUARED ASSETS LLC	30615 LAVENDER TRACE DR	SPRING	TX	77386-4017

75	1251640020030	PETERSON HOWARD & DEBORAH	12615 RIVERHILL CT	HOUSTON	77014-1958
76	1251640020031	PHU HAI TRIEU BUI ET VIR	12611 RIVERHILL CT	HOUSTON	77014-1958
77	1251640020032	MCQUEEN WILLIE SR & FREEDA	12607 RIVERHILL CT	HOUSTON	77014-1958
78	1251640020033	ZAMARRIPA ALONSO & MAYRA	12603 RIVERHILL CT	HOUSTON	77014-1958
79	04805400000025	HARRIS COUNTY FLOOD CONTROL DISTRICT	9900 NORTHWEST FWY	HOUSTON	77092-8601
80	1213790080003	RANKIN ROAD WEST MUD	11111 KATY FWY STE 725	HOUSTON	77079-2175
81	1213790050035	CURRENT OWNER	12735 LAUREL VALE WAY	HOUSTON	77014-2473
82	1213790050019	BATTEE LATAHSHA K & TYRON M	12730 LAUREL MIST WAY	HOUSTON	77014-2472
83	1213790050018	JOHNSON JAHMAR R	12735 LAUREL MIST WAY	HOUSTON	77014-2472
84	1213790050017	HOWARD JAMES	12731 LAUREL MIST WAY	HOUSTON	77014-2472
85	1213790050001	SANCHEZ ISRAEL S & MARIA D	2103 LAUREL CREEK DR	HOUSTON	77014-2468
86	1213790060002	MOIZUDDIN SYED	2061 WOOD ST	INVERNESS	60667-4484
87	1213790080001	CASTILLO CARLOS A & MORENA E	2206 LAUREL BIRCH DR	HOUSTON	77014-2466
88	1213790080001	SAEED MOHAMMAD J	2210 LAUREL BIRCH DR	HOUSTON	77014-2466
89	1229360010037	DAO ANH SANG THI	2214 LAUREL BIRCH DR	HOUSTON	77014-2466
90	1229360010036	GROCE DALLAS DANTE	2222 LAUREL BIRCH DR	HOUSTON	77090
91	1229360010034	FUENTES WALTER ORLANDO	2226 LAUREL BIRCH DR	HOUSTON	77014-2466
92	1229360010033	SAVAGE QUINTIN	12702 CAPE LAUREL	HOUSTON	77014-2466
93	1229360010031	OUM SONTARA	12706 CAPE LAUREL	HOUSTON	77014-2787
94	1229360010030	DEANDA EFRAIN & EVELYN	12710 CAPE LAUREL	HOUSTON	77014-2787
95	1229360010023	FORD WILLIE & DEBORAH	2302 LAUREL RUSTIC OAKS	HOUSTON	77014-2789
96	1229360010022	HAZEL TODD	2306 LAUREL RUSTIC OAKS	HOUSTON	77014-2789
97	1229360010021	PARKS CHERIE P & RODNEY L	2310 LAUREL RUSTIC OAKS	HOUSTON	77014-2789
98	1229360010020	HANKS TONI R	2314 LAUREL RUSTIC OAKS	HOUSTON	77014-2789
99	1229360010019	PENA CRESCENCIANO	2318 LAUREL RUSTIC OAKS	HOUSTON	77014-2789
100	1229360010018	MEDLOCK CHERYL D	2322 LAUREL RUSTIC OAKS	HOUSTON	77014-2789
101	1229360010017	DOAKES SHELIA & CHARLES	4715 LANEVIEW RD	HEMPSTEAD	77445-7499
102	1229360010016	HENDERSON-OPARA AUGUSTINA	2402 LAUREL RUSTIC OAKS	HOUSTON	77014-2791
103	1229360010015	VU HOANG NGOC	2406 LAUREL RUSTIC OAKS	HOUSTON	77014-2791
104	1229360010014	BARBER CARROLL & ELERIA M	2410 LAUREL RUSTIC OAKS	HOUSTON	77014
105	1229360010013	ADAMS JOHN & TYROSA	2414 LAUREL RUSTIC OAKS	HOUSTON	77014-2791
106	1229360010012	RAMIREZ MARIA J	2418 LAUREL RUSTIC OAKS	HOUSTON	77014-2791
107	1229360010011	WEATHERS BESSIE L & KELVIN B	2422 LAUREL RUSTIC OAKS	HOUSTON	77014-2791
108	1229360010038	LAUREL OAKS HOMEOWNERS ASSOCIATION INC	PO BOX 672567	HOUSTON	77014-2791
109	1191510010006	WILLIAMS JOE & GLADYS A FRAZIER	12522 AVERY VALE LN	HOUSTON	77014-2459
110	1191510010007	BARRAGAN VICTOR H	12526 AVERY VALE LN	HOUSTON	77014-2459
111	1191510010008	AMH TX PROPERTIES LP	23975 PARK SORRENTO STE 300	CALABASAS	91302
112	1187520010017	VIAN JAMES	10910 LONGREN ST	HOUSTON	77089
113	1187520010016	HARPER RADEOUS	2510 SILVERMEADOW DR	HOUSTON	77014-2426
114	1187520010015	BEASLEY PHILLIP	2514 SILVERMEADOW DR	HOUSTON	77014-2426
115	1187520010014	STRAWBERRY HILLS SELECT	4123 MOORING POINT CT	HOUSTON	77459-1719
116	1187520010013	WILBURN CHERYL	2522 SILVERMEADOW DR	HOUSTON	77014-2426
117	1187520010012	LEONARD BRYAN S	2526 SILVERMEADOW DR	HOUSTON	77014-2426
118	1187520010011	TO AIH	6503 SILVER CRESCENT DR	HOUSTON	77064-5542
119	1187520010010	GREEN COLETTE M	2602 SILVERMEADOW DR	HOUSTON	77014-2428
120	1187520010009	FAISON ELLIS I	2606 SILVERMEADOW DR	HOUSTON	77014-2428
121	1187520010008	SABOGAL MICHELL F & DORA	2610 SILVERMEADOW DR	HOUSTON	77014
122	1187520010007	DEVELIZ VALERIA E P	2614 SILVERMEADOW DR	HOUSTON	77014-2428
123	1187520010006	GATLIN CASSANDRA R	2618 SILVERMEADOW DR	HOUSTON	77014-2428
124	1187520010005	LEAKS NORMAN R & DEIDRE H	2622 SILVERMEADOW DR	HOUSTON	77014-2428
125	1187520010004	MENEFEE JAMES L & BEATRICE	2626 SILVERMEADOW DR	HOUSTON	77014-2428
126	1187520010003	FERRELL CARMELA	2630 SILVERMEADOW DR	HOUSTON	77014-2428
127	1187520010002	AYALA-CHICAS WILLIAM A	2634 SILVERMEADOW DR	HOUSTON	77014-2428
128	1187520010001	CHANTHAVONG REBEC & TIFFANY M	2638 SILVERMEADOW DR	HOUSTON	77014-2428
129	1217350010001	TATRABOR JEROME	12515 SILVERSTREAM CT	HOUSTON	77014
130	1217350010002	MINISTRY OF JESUS CHRIST AND LIFE CENTER	PO BOX 10556	HOUSTON	77206-0556
131	1217350010003	VILLAFANA ROGELIO SOTO	12507 SILVERSTREAM CT	HOUSTON	77014-2866
132	1187530010002	TRAM NGOC M	12438 HAMILLCREST DR	HOUSTON	77014-2434
133	1187530010001	REYES HECTOR A	12442 HAMILLCREST DR	HOUSTON	77014-2434
134	1255680010025	SILVERGLEN TOWN-HOMES	PO BOX 681262	HOUSTON	77268-1262



Harris County MUD 304 WWTP Affected Landowners

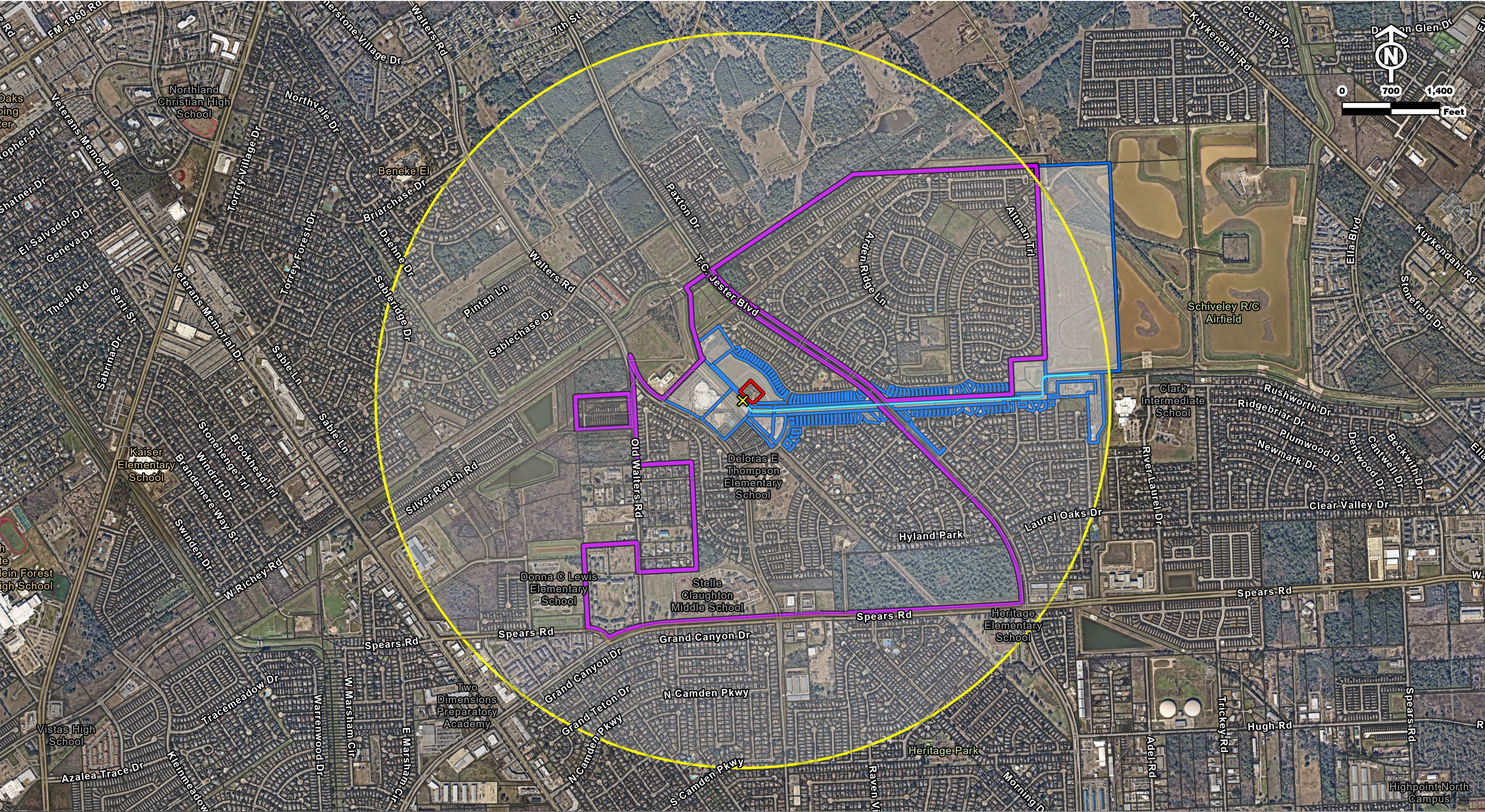
- Outfall Point
- 1-Mile Downstream
- 1-Mile Buffer
- Parcels
- HCMUD 304
- WWTP Boundary
- Adjacent Parcels



ENGINEERING THE FUTURE
SINCE 1996

May 2025

The data presented herein are for planning and assessment purposes only. EHRA maps are assembled from data originating from Geographic Information System (GIS) databases or GIS services maintained by public entities. They do not represent legal survey. While EHRA strives to provide as accurate and reliable data as possible, EHRA makes no claims or warranty, expressed or implied, regarding the accuracy or quality of the data or products presented.



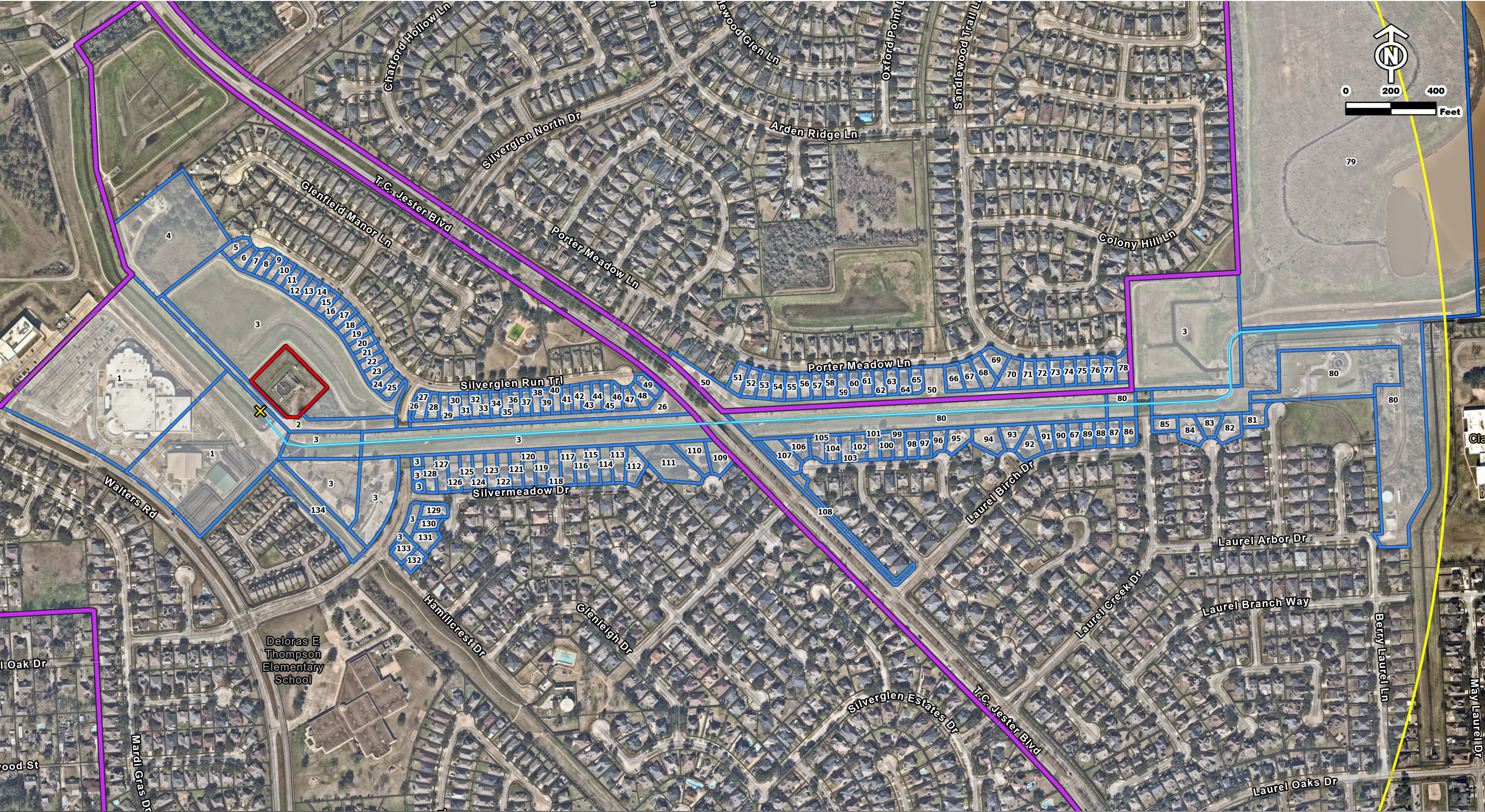
Harris County MUD 304 WWTP

Affected Landowners

- X Outfall Point
- 1-Mile Downstream
- 1-Mile Buffer
- Parcels
- HCMUD 304
- WWTP Boundary
- Adjacent Parcels



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Harris County MUD 304 WWTP

Affected Landowners

- X Outfall Point
- 1-Mile Downstream
- 1-Mile Buffer
- Parcels
- HCMUD 304
- WWTP Boundary
- Adjacent Parcels

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Francesca Findlay

From: Brook Pope, P.E. <bpoppe@ehra.team>
Sent: Friday, June 6, 2025 12:29 PM
To: Francesca Findlay
Cc: Cesar Romero
Subject: RE: WQ0013564001 Harris County Municipal Utility District No. 304

Hi Francesca,

As I was confirming this address, it came to my attention that the MUD has taken on a new attorney, so the Timberloch Place address is no longer correct. How would you like us to handle this?

Can we send you updated sheets from the permit application with the new attorney and address to replace any pages with the old address?

Thank you,

Brook Pope, P.E.

Project Manager

10011 Meadowglen Lane
Houston, Texas 77042

Direct: 713.337.7489

Cell: 832.338.2823



TBPE No. F-726 | TBPLS No. 10092300

From: Francesca Findlay <Francesca.Findlay@tceq.texas.gov>
Sent: Friday, June 6, 2025 11:06 AM
To: Brook Pope, P.E. <bpoppe@ehra.team>
Cc: Cesar Romero <cromero@ehra.team>
Subject: WQ0013564001 Harris County Municipal Utility District No. 304

Good afternoon,

I am reviewing your documents, and I need the address on the Core Data Form verified. The Core Data form, Section II, item 15, has the address as: 2001 Timberloch Place, Suite 500, Woodlands, Texas 77380. The UPS address has the city as Springs, Texas 77380. Please verify the address. Please let me know if you have any questions.

Thank you,

Francesca Findlay
License & Permit Specialist

ARP Team | Water Quality Division
512-239-2441
Texas Commission on Environmental Quality



Please consider whether it is necessary to print this e-mail

How is our customer service? Fill out our online customer satisfaction survey at <http://www.tceq.texas.gov/customersurvey>.

Francesca Findlay

From: Cesar Romero <cromero@ehra.team>
Sent: Tuesday, June 10, 2025 5:31 PM
To: Francesca Findlay
Cc: Brook Pope, P.E.
Subject: RE: WQ0013564001 Harris County Municipal Utility District No. 304
Attachments: HC MUD 304 Core Data Form_Page 1&2.pdf; 10053 Admin Report_Page 7.pdf

Good day Francesca,

I have updated the attorney information to the Core Data Form and on page 7 of the administrative application. Please let me know if you have any questions.

Thank you,

Cesar Romero

Engineer III

10011 Meadowglen Lane

Houston, Texas 77042

Direct: 713.581.8461



TBPE No. F-726 | TBPLS No. 10092300

From: Francesca Findlay <Francesca.Findlay@tceq.texas.gov>
Sent: Friday, June 6, 2025 2:32 PM
To: Brook Pope, P.E. <bpoppe@ehra.team>
Cc: Cesar Romero <cromero@ehra.team>
Subject: RE: WQ0013564001 Harris County Municipal Utility District No. 304

Good afternoon,

Please send the updated documents, no need to send the whole application, just the pages that need to be updated. I correct the information on my end. Please let me know if you have any questions.

Thank you,

Francesca Findlay
License & Permit Specialist
ARP Team | Water Quality Division
512-239-2441
Texas Commission on Environmental Quality



Please consider whether it is necessary to print this e-mail

How is our customer service? Fill out our online customer satisfaction survey at <http://www.tceq.texas.gov/customersurvey>.

From: Brook Pope, P.E. <bpope@ehra.team>
Sent: Friday, June 6, 2025 12:29 PM
To: Francesca Findlay <Francesca.Findlay@tceq.texas.gov>
Cc: Cesar Romero <cromero@ehra.team>
Subject: RE: WQ0013564001 Harris County Municipal Utility District No. 304

Hi Francesca,

As I was confirming this address, it came to my attention that the MUD has taken on a new attorney, so the Timberloch Place address is no longer correct. How would you like us to handle this?

Can we send you updated sheets from the permit application with the new attorney and address to replace any pages with the old address?

Thank you,

Brook Pope, P.E.

Project Manager

10011 Meadowglen Lane
Houston, Texas 77042

Direct: 713.337.7489

Cell: 832.338.2823



TBPE No. F-726 | TBPLS No. 10092300

From: Francesca Findlay <Francesca.Findlay@tceq.texas.gov>
Sent: Friday, June 6, 2025 11:06 AM
To: Brook Pope, P.E. <bpope@ehra.team>
Cc: Cesar Romero <cromero@ehra.team>
Subject: WQ0013564001 Harris County Municipal Utility District No. 304

Good afternoon,

I am reviewing your documents, and I need the address on the Core Data Form verified. The Core Data form, Section II, item 15, has the address as: 2001 Timberloch Place, Suite 500, Woodlands, Texas 77380. The UPS address has the city as Springs, Texas 77380. Please verify the address. Please let me know if you have any questions.

Thank you,

Francesca Findlay
License & Permit Specialist
ARP Team | Water Quality Division
512-239-2441
Texas Commission on Environmental Quality



Please consider whether it is necessary to print this e-mail

How is our customer service? Fill out our online customer satisfaction survey at <http://www.tceq.texas.gov/customersurvey>.

Francesca Findlay

From: Cesar Romero <cromero@ehra.team>
Sent: Thursday, June 19, 2025 7:40 AM
To: Francesca Findlay
Cc: Brook Pope, P.E.
Subject: RE: NoriWQ0013564001 Harris County Municipal Utility District No. 304
Attachments: Exhibit 2.0 - Affected Landowner Map.pdf

Good morning Francesca,

Please see attached Affected Landowner Map. I believe this should have the required information that you stated in your previous email. The second page is a close up view of the landowners surrounding the point of discharge and has the adjacent landowners for one mile downstream.

Thank you,

Cesar Romero

Engineer III

10011 Meadowglen Lane
Houston, Texas 77042
Direct: 713.581.8461



TBPE No. F-726 | TBPLS No. 10092300

From: Francesca Findlay <Francesca.Findlay@tceq.texas.gov>
Sent: Tuesday, June 17, 2025 4:56 PM
To: Cesar Romero <cromero@ehra.team>
Subject: RE: NoriWQ0013564001 Harris County Municipal Utility District No. 304

Good afternoon,

I just need the landowners map to be for one mile downstream from the point of discharge, the property boundaries of all landowners surrounding the point of discharge and adjacent to the discharge route for one mile downstream.

Thank you,

Francesca Findlay
License & Permit Specialist
ARP Team | Water Quality Division
512-239-2441
Texas Commission on Environmental Quality



Please consider whether it is necessary to print this e-mail

How is our customer service? Fill out our online customer satisfaction survey at <http://www.tceq.texas.gov/customersurvey>.

From: Cesar Romero <cromero@ehra.team>
Sent: Tuesday, June 17, 2025 4:47 PM
To: Francesca Findlay <Francesca.Findlay@tceq.texas.gov>
Cc: Brook Pope, P.E. <bpope@ehra.team>
Subject: RE: NoriWQ0013564001 Harris County Municipal Utility District No. 304

Hi Francesca,

Please see attached updated Landowners map. Please let me know if you need anything else.

Thank you,

Cesar Romero

Engineer III

10011 Meadowglen Lane
Houston, Texas 77042

Direct: 713.581.8461



TBPE No. F-726 | TBPLS No. 10092300

From: Francesca Findlay <Francesca.Findlay@tceq.texas.gov>
Sent: Tuesday, June 17, 2025 4:43 PM
To: Cesar Romero <cromero@ehra.team>
Cc: Brook Pope, P.E. <bpope@ehra.team>
Subject: RE: NoriWQ0013564001 Harris County Municipal Utility District No. 304
Importance: High

Good afternoon,

Please hold off on mailing the documents, I just realized that I need an updated Landowners map. I do not see the updated landowners map with the updated landowners list you provided. Please let me know if you have any questions.

Thank you,

Francesca Findlay
License & Permit Specialist
ARP Team | Water Quality Division
512-239-2441

Texas Commission on Environmental Quality



Please consider whether it is necessary to print this e-mail

How is our customer service? Fill out our online customer satisfaction survey at <http://www.tceq.texas.gov/customersurvey>.

From: Francesca Findlay

Sent: Tuesday, June 17, 2025 4:30 PM

To: Cesar Romero <cromero@ehra.team>

Cc: Brook Pope, P.E. <bpope@ehra.team>

Subject: FW: NoriWQ0013564001 Harris County Municipal Utility District No. 304

Importance: High

Good afternoon,

Permit No. WQ0013564001

Applicants are required to publish the Notice of Receipt of Application and Intent to Obtain a Water Quality Permit within 30 days of the application being declared administratively complete.

Attached is:

- Letter of Declaration of Administrative Completeness
- Instructions of Public Notice
- Notice of Receipt of Application and Intent to Obtain a Water Quality Permit
- Affidavit of Publication
- Public Notice Verification Form
- Notice of Receipt of Application and Intent to Obtain a Water Quality Permit in Spanish Language (if applicable)

Thank you,

Francesca Findlay

License & Permit Specialist

ARP Team | Water Quality Division

512-239-2441

Texas Commission on Environmental Quality



Please consider whether it is necessary to print this e-mail

How is our customer service? Fill out our online customer satisfaction survey at <http://www.tceq.texas.gov/customersurvey>.

May 27, 2025

Sent Via Email

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

Re: Application to Amend, for Permit No.: WQ0013564001 (EPA I.D. No. TX0097225)
Applicant Name: Harris County Municipal Utility District 304 (CN600737183)
Site Name: Harris county MUD 304 WWTP (RN102097771)
Type of Application: Major amendment with renewal

Dear Ms. Findlay:

We are in receipt of your letter dated May 13, 2025 regarding additional information for the above-referenced permit application. We offer the following responses:

1. Core Data Form Section V: Please provide a date for the signature.

Response: Date has been provided.

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

APPLICATION. Harris County Municipal Utility District 304, 2001 Timberloch Place, Suite 500, Woodlands, Texas 77380, has applied to the Texas Commission on Environmental Quality (TCEQ) to amend Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0013564001 (EPA I.D. No. TX0097225) to authorize an increase to the discharge of treated wastewater to a volume not to exceed a daily average flow of 900,000 gallons per day. The domestic wastewater treatment facility is located at, 120603 Wellington Parkway, near the city of Houston, in Harris County, Texas 77014. The discharge route is from the plant site to Harris County Flood Control District Ditch; thence to Greens Bayou Above Tidal. TCEQ received this application on May 8, 2025. The permit application will be available for viewing and copying at Aldine Branch Library, 11331 Airline Drive, Houston, in Harris County, Texas, prior to the date this notice is published in the newspaper. The application, including any updates, and associated notices are available electronically at the following webpage: <https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications>. This

link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application.

<https://gisweb.tceq.texas.gov/LocationMapper/?marker=-95.466111,29.973611&level=18>

Response: Please update the following as follows:

Add zip code, "77037" to the end of, "Aldine Branch Library, 11331 Airline Drive, Houston, in Harris County, Texas,"

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

Response: Please see the attached Spanish NORI translation in word format.

We hope these responses will allow the permitting process to proceed. Should you require additional information or have any questions, please contact myself or Brook Pope, P.E. at 713-784-4500 or by email at crmero@ehra.team or bpope@ehra.team, respectively.

Sincerely,



Cesar Romero
Engineer III
Water and Wastewater Facilities

cr

cc: Jared Bowlin, P.E. – Firm
Brook Pope, P.E. – Firm

<input type="checkbox"/> Dam Safety	<input type="checkbox"/> Districts	<input type="checkbox"/> Edwards Aquifer	<input type="checkbox"/> Emissions Inventory Air	<input type="checkbox"/> Industrial Hazardous Waste
<input type="checkbox"/> Municipal Solid Waste	<input type="checkbox"/> New Source Review Air	<input type="checkbox"/> OSSF	<input type="checkbox"/> Petroleum Storage Tank	<input type="checkbox"/> PWS
<input type="checkbox"/> Sludge	<input type="checkbox"/> Storm Water	<input type="checkbox"/> Title V Air	<input type="checkbox"/> Tires	<input type="checkbox"/> Used Oil
<input type="checkbox"/> Voluntary Cleanup	<input checked="" type="checkbox"/> Wastewater	<input type="checkbox"/> Wastewater Agriculture	<input type="checkbox"/> Water Rights	<input type="checkbox"/> Other:
	WQ0013564001			

SECTION IV: Preparer Information

40. Name:	Brook Pope		41. Title:	Project Manager
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address	
(713) 337-7489		() -	bpope@ehra.team	

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:	Harris County MUD No. 304	Job Title:	
Name (In Print):	SHARON MAYO	Phone:	(832) 789- 1899
Signature:	Sharon Mayo	Date:	6-20-24

FALLBROOK BAPTIST CHURCH
12512 WALTERS RD
HOUSTON TX 77014-2784

DS SILVERGLEN NORTH LLC
2821 JORDENS RD STE 500
HOUSTON TX 77084-7355

HARRIS COUNTY MUD NO 304
6935 BARNEY RD STE 110
HOUSTON TX 77092-4443

SILVERGLEN NORTH
PO BOX 650255
DALLAS TX 75265-0255

MITCHELL CHEVIS D & CARLY N
13343 SILVERGLEN RUN TRL
HOUSTON TX 77014-2225

GARCIA HECTOR & ROSA M
13339 SILVERGLEN RUN TRL
HOUSTON TX 77014-2225

ANDERSON NINA GAIL
13335 SILVERGLEN RUN TRL
HOUSTON TX 77014-2225

DOWDEN GORDON
13730 SABLECREST DR
HOUSTON TX 77014-2838

GOULD KYLE JORDAN & LEAH PAULINAH
13327 SILVERGLEN RUN TRL
HOUSTON TX 77014

YIN SAMANTHA
13323 SILVERGLEN RUN TRL
HOUSTON TX 77014-2225

PHILLIPS FREDERICK L JR & AISHA J
13319 SILVERGLEN RUN TRL
HOUSTON TX 77014-2225

VONGSAKOUNE KETMANY
4714 W TRAVIS LN
WEST JORDAN UT 84088

DENNIS MELINDA S
11910 MAPLE OAK DR
HOUSTON TX 77066

PRUITT MARISHA TANGENKA
2902 LOS TRES RANCHOS DR
HOUSTON TX 77014-2793

WILLIAMS EZZARD C & CALONDA A
13303 SILVERGLEN RUN TRL
HOUSTON 77014-2225

MOHAMED TAHA
13239 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

NGO TRACY
13235 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

URIAS YVONNE SAUSAL & CHRISTOPHER
13231 SILVERGLEN RUN TRL
HOUSTON TX 77014

CARIAS HUGO NELSON DIAZ
13227 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

CLARK ALBERTA M
13223 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

DORSEY TASHA RENELL
13219 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

VILLA HARLIN
13215 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

HINES ROLAND
13211 SILVERGLEN RUN TRL
HOUSTON TX 77014

SANTOS ERICK E
13207 SILVERGLEN RUN TRL
HOUSTON TX 77014

TORRES JOSE EDUARDO
13203 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

SILVERGLEN NORTH HOMEOWNERS ASSOC INC
PO BOX 650255
DALLAS TX 75265

REYNA JENNIFER & AARON
13143 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

COLEMAN SHADONNA
13139 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

RESENDEZ JOSE
13135 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

SMITH S THOMAS & DERRICK ANDRE
2821 JORDENS RD STE 500
HOUSTON TX 77084-7355

CHAMBERS BREONNA YVONNE
13127 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

MILANES AMAURY PRADO
13123 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

DAVIS LAWRENCE E & SHEILA
13119 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

COJTIN VICENTE A & LISA A
13115 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

CAO PHUONG THI
4923 TRACEMEADOW DR
HOUSTON TX 77066-4046

HOWEL CRISTHIAN OLIVA
13775 STABLEDON DR
HOUSTON TX 77014-2153

ESPINOZA YASMIN
13103 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

TRAN GARY & BAY
13047 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

DAVIS KRYSTAL MICHELLE & HN FRANKL
13043 SILVERGLEN RUN TRL
HOUSTON TX 77014-2223

LOVE COURTNEY
13039 SILVERGLEN RUN TRL
HOUSTON TX 77014-2223

RAMOS HECTOR F & BELIZA GREGORIA
13035 SILVERGLEN RUN TRL
HOUSTON TX 77014-2223

LENOIR CHRISTIAN
13031 SILVERGLEN RUN TRL
HOUSTON TX 77014-2223

KHA DAVID ICH
13027 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

THOMPSON KEWANNA MARIE
13023 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

CHAKKO JOMAN KURUPPASSERY
13019 SILVERGLEN RUN TRL
HOUSTON TX 77014-2213

LEWIS WALLACE L SR
13015 SILVERGLEN RUN TRL
HOUSTON TX 77014-2223

TORRES LUIS MIGUEL VALLADARES
13011 SILVERGLEN RUN TRL
HOUSTON TX 77014

OSORIO JOHANNA VALERIA
15435 Bammel Field Ct
HOUSTON TX 77014-1531

WASHINGTON ELISHA
13003 SILVERGLEN RUN TRL
HOUSTON TX 77014-2223

SILVERGLEN NORTH HOA INC
PO BOX 650255
DALLAS TX 75265

ODISETTI GURUNATH
952 WILLOW ST
ITASCA IL 60143-2854

MARTINEZ SAUL NAVA
12835 PORTER MEADOW LN
HOUSTON TX 77014

DTK BEAUTY LLC
12803 PORTER MEADOW LN
HOUSTON TX 77014-1962

CLARK VERA
12827 PORTER MEADOW LN
HOUSTON TX 77014-1962

DIGGS GREGG V & BARBARA A
12823 PORTER MEADOW LN
HOUSTON TX 77014-1962

KHAN ASIF L
12819 PORTER MEADOW LN
HOUSTON TX 77014-1962

HARGROVE SAMUEL E
12815 PORTER MEADOW LN
HOUSTON TX 77014-1962

REYES JESUS D
12811 PORTER MEADOW LN
HOUSTON TX 77014-1962

AYERS SONJA
12807 PORTER MEADOW LN
HOUSTON TX 77014-1962

NGUYEN DIEP THI NGOC
12803 PORTER MEADOW LN
HOUSTON TX 77014-1962

GIANG PHAT VINH 12739 PORTER MEADOW LN HOUSTON TX 77014-1960	CURRENT OWNER 9726 PAINTED STONE CT CYPRESS TX 77433-4185	NGUYEN NIKKI THI 12731 PORTER MEADOW LN HOUSTON TX 77014
VILLATORO JESSE A 12727 PORTER MEADOW LN HOUSTON TX 77014-1960	TRAN NAM V 12723 PORTER MEADOW LN HOUSTON TX 77014-1960	NGUYEN DUYEN T 12715 PORTER MEADOW LN HOUSTON TX 77014-1960
LE DAT 5708 W CLIFFHAVEN LN WEST VALLEY CITY UT 84128	SMITH WILLIE 12707 PORTER MEADOW LN HOUSTON TX 77014-2213	AYALA LUIS 12914 ARDEN RIDGE LN HOUSTON TX 77014
SAMUELS STEWART & CARMEN 12635 RIVERHILL CT HOUSTON TX 77014-1958	CURRENT OWNER 12631 RIVERHILL CT HOUSTON TX 77014-1958	TEXAS PROPERTY NETWORK LLC 7710 T CHERRY PARK DR STE 429 HOUSTON TX 77095
VO TAM THI 12623 RIVERHILL CT HOUSTON TX 77014-1958	D&D SQUARED ASSETS LLC 30615 LAVENDER TRACE DR SPRING TX 77386-4017	PETERSON HOWARD & DEBORAH 12615 RIVERHILL CT HOUSTON TX 77014-1958
PHU HAI TRIEU BUI ET VIR 12611 RIVERHILL CT HOUSTON TX 77014-1958	MCQUEEN WILLIE SR & FREEDA 12607 RIVERHILL CT HOUSTON TX 77014-1958	ZAMARRIPA ALONSO & MAYRA 12603 RIVERHILL CT HOUSTON TX 77014-1958
HARRIS COUNTY FLOOD CONTROL DISTRICT 9900 NORTHWEST FWY HOUSTON TX 77092-8601	RANKIN ROAD WEST MUD 11111 KATY FWY STE 725 HOUSTON TX 77079-2175	CURRENT OWNER 12735 LAUREL VALE WAY HOUSTON TX 77014-2473
BATTEE LATAHSHA K & TYRON M 12730 LAUREL MIST WAY HOUSTON TX 77014-2472	JOHNSON JAHMAR R 12735 LAUREL MIST WAY HOUSTON TX 77014-2472	HOWARD JAMES 12731 LAUREL MIST WAY HOUSTON TX 77014-2472
SANCHEZ ISRAEL S & MARIA D 2103 LAUREL CREEK DR HOUSTON TX 77014-2468	MOIZUDDIN SYED 2061 WOOD ST INVERNESS IL 60067-4484	CASTILLO CARLOS A & MORENA E 2206 LAUREL BIRCH DR HOUSTON TX 77014-2466
SAEED MOHAMMAD J 2210 LAUREL BIRCH DR HOUSTON TX 77014-2466	DAO ANH SANG THI 2214 LAUREL BIRCH DR HOUSTON TX 77014-2466	GROCE DALLAS DANTE 2222 LAUREL BIRCH DR HOUSTON TX 77090

FUENTES WALTER ORLANDO
2226 LAUREL BIRCH DR
HOUSTON TX 77014-2466

SAVAGE QUINTIN
12702 CAPE LAUREL
HOUSTON TX 77014-2787

OUM SONTARA
12706 CAPE LAUREL
HOUSTON TX 77014-2787

DEANDA EFRAIN & EVELYN
12710 CAPE LAUREL
HOUSTON TX 77014-2787

FORD WILLIE & DEBORAH
2302 LAUREL RUSTIC OAKS
HOUSTON TX 77014-2789

HAZEL TODD
2306 LAUREL RUSTIC OAKS
HOUSTON TX 77014-2789

PARKS CHERIE P & RODNEY L
13127 SILVERGLEN RUN TRL
HOUSTON TX 77014-2789

HANKS TONI R
2314 LAUREL RUSTIC OAKS
HOUSTON TX 77014-2789

PENA CRESCENCIANO
2318 LAUREL RUSTIC OAKS
HOUSTON TX 77014-2789

MEDLOCK CHERYL D
2322 LAUREL RUSTIC OAKS
HOUSTON TX 77014-2789

DOAKES SHELIA & CHARLES
4715 LANEVIEW RD
HEMPSTEAD TX 77445-7499

HENDERSON-OPARA AUGUSTINA
2402 LAUREL RUSTIC OAKS
HOUSTON TX 77014-2791

VU HOANG NGOC
2406 LAUREL RUSTIC OAKS
HOUSTON TX 77014-2791

BARBER CARROLL & ELERIA M
2410 LAUREL RUSTIC OAKS
HOUSTON TX 77014-2791

ADAMS JOHN & TYROSA
2414 LAUREL RUSTIC OAKS
HOUSTON TX 77014-2791

RAMIREZ MARIA J
2418 LAUREL RUSTIC OAKS
HOUSTON TX 77014-2791

WEATHERS BESSIE L & KELVIN B
2422 LAUREL RUSTIC OAKS
HOUSTON TX 77014-2791

LAUREL OAKS HOMEOWNERS ASSOCIATION INC
PO BOX 672567
HOUSTON TX 77267-2567

WILLIAMS JOE & GLADYS A FRAZIER
12522 AVERY VALE LN
HOUSTON TX 77267-2459

BARRAGAN VICTOR H
12526 AVERY VALE LN
HOUSTON TX 77014-2459

AMH TX PROPERTIES LP
23975 PARK SORRENTO STE 300
CALABASAS CA 91302

VIAN JAMES
10910 LONGREN ST
HOUSTON TX 77089

HARPER RADEOUS
2510 SILVERMEADOW DR
HOUSTON TX 77014-2426

BEASLEY PHILLIP
2514 SILVERMEADOW DR
HOUSTON TX 77014-2426

STRAWBERRY HILLS SELECT
13127 SILVERGLEN RUN TRL
MISSOURI CITY TX 77459-1719

WILBURN CHERYL
2522 SILVERMEADOW DR
HOUSTON TX 77014-2426

LEONARD BRYAN S
2526 SILVERMEADOW DR
HOUSTON TX 77014-2426

TO AI H
6503 SILVER CRESCENT DR
HOUSTON TX 77064-5542

GREEN COLETTE M
2602 SILVERMEADOW DR
HOUSTON TX 77014-2428

FAISON ELLIS I
2606 SILVERMEADOW DR
HOUSTON TX 77014-2428

SABOGAL MICHELL F & DORA
2610 SILVERMEADOW DR
HOUSTON TX 77014-2428

DEVELIZ VALERIA E P
2614 SILVERMEADOW DR
HOUSTON TX 77014-2428

GATLIN CASSANDRA R
2618 SILVERMEADOW DR
HOUSTON TX 77014-2428

LEAKS NORMAN R & DEIDRE H
2622 SILVERMEADOW DR
HOUSTON TX 77014-2428

MENEFEE JAMES L & BEATRICE
2626 SILVERMEADOW DR
HOUSTON TX 77014-2428

FERRELL CARMELA
2630 SILVERMEADOW DR
HOUSTON TX 77014-2428

AYALA-CHICAS WILLIAM A
2634 SILVERMEADOW DR
HOUSTON TX 77014-2428

CHANTHAVONG REBEC & TIFFANY M
2638 SILVERMEADOW DR
HOUSTON TX 77014-2428

TATRABOR JEROME
12515 SILVERSTREAM CT
HOUSTON TX 77014

MINISTRY OF JESUS CHRIST AND LIFE CENTER
PO BOX 10556
HOUSTON TX 77206-0556

VILLAFANA ROGELIO SOTO
12507 SILVERSTREAM CT
HOUSTON TX 77014-2868

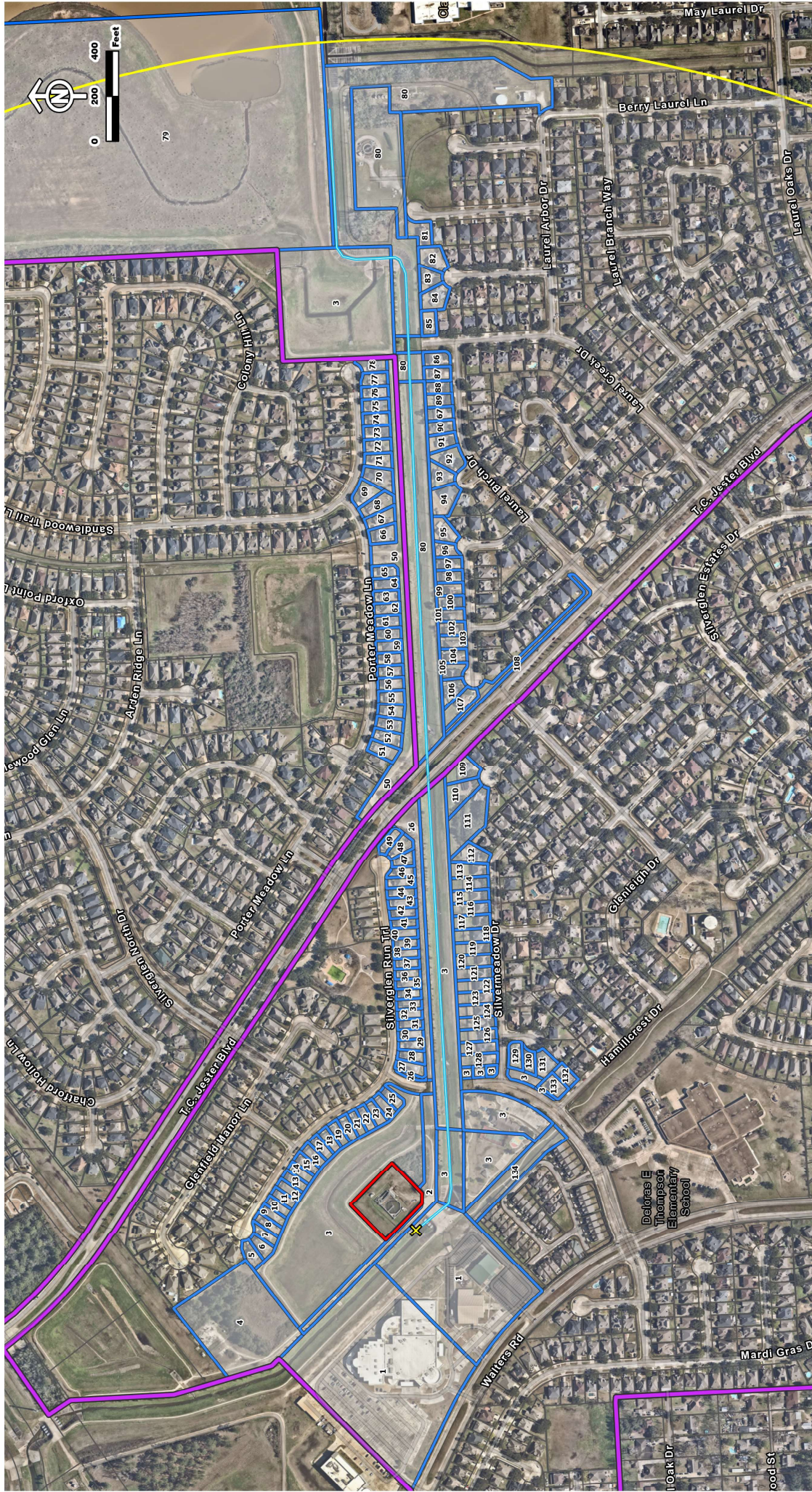
TRAM NGOC M
12438 HAMILLCREST DR
HOUSTON TX 77014-2434

REYES HECTOR A
12442 HAMILLCREST DR
HOUSTON TX 77014-2434

SILVERGLEN TOWN-HOMES
PO BOX 681262
HOUSTON TX 77268-1262

ID	PARCEL ID	CURRENT OWNER	MAILING ADDRESS	CITY	STATE	ZIP CODE
1	1296040010001	FALLBROOK BAPTIST CHURCH	12512 WALTERS RD	HOUSTON	TX	77014-2784
2	0480450000028	DS SILVERGLEN NORTH LLC	2821 JORDENS RD STE 500	HOUSTON	TX	77084-7355
3	1187520010020	HARRIS COUNTY MUD NO 304	6935 BARNEY RD STE 110	HOUSTON	TX	77092-4443
4	0480450000030	SILVERGLEN NORTH	PO BOX 650255	DALLAS	TX	75265-0255
5	1404220010049	MITCHELL CHEVIS D & CARLY N	13343 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2225
6	1404220010050	GARCIA HECTOR & ROSA M	13339 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2225
7	1404220010051	ANDERSON NINA GAIL	13335 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2225
8	1404220010052	DOWDEN GORDON	13730 SABLECREST DR	HOUSTON	TX	77014-2838
9	1404220010053	GOULD KYLE JORDAN & LEAH PAULINAH	13327 SILVERGLEN RUN TRL	HOUSTON	TX	77014
10	1404220010054	YIN SAMANTHA	13323 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2225
11	1404220010055	PHILLIPS FREDERICK L JR & AISHA J	13319 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2225
12	1404220010056	VONGSAKOUNE KETMANY	4714 W TRAVIS LN	WEST JORDAN	UT	84088
13	1404220010057	DENNIS MELINDA S	11910 MAPLE OAK DR	HOUSTON	TX	77066
14	1404220010058	PRUITT MARISHA TANGENEKA	13307 SILVERGLEN RUN TRL	HOUSTON	TX	77014
15	1404220010059	WILLIAMS EZZARD C & CALONDA A	13303 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2225
16	1404220010060	MOHAMED TAHA	13239 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2213
17	1404220010061	NGO TRACY	13235 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2213
18	1404220010062	URIAS YVONNE SAUSAL & CHRISTOPHER	13231 SILVERGLEN RUN TRL	HOUSTON	TX	77014
19	1404220010063	CARIAS HUGO NELSON DIAZ	13227 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2213
20	1404220010064	CLARK ALBERTA M	13223 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2213
21	1404220010065	DORSEY TASHA RENELL	13219 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2213
22	1404220010066	VILLA HARLIN	13215 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2213
23	1404220010067	HINES ROLAND	13207 SILVERGLEN RUN TRL	HOUSTON	TX	77014
24	1404220010068	SANTOS ERICK E	13203 SILVERGLEN RUN TRL	HOUSTON	TX	77014
25	1404220010069	TORRES JOSE EDUARDO	PO BOX 650255	HOUSTON	TX	77014-2213
26	1404220030031	SILVERGLEN NORTH HOMEOWNERS ASSOC INC	13143 SILVERGLEN RUN TRL	DALLAS	TX	75265
27	1404220030028	REYNA JENNIFER & AARON	13139 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2231
28	1404220030027	COLEMAN SHADONNA	13135 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2231
29	1404220030026	RESENDEZ JOSE	2821 JORDENS RD STE 500	HOUSTON	TX	77084-7355
30	1404220030025	SMITH S THOMAS & DERRICK ANDRE	13127 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2231
31	1404220030024	CHAMBERS BREONNA YVONNE	13123 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2231
32	1404220030023	MILANES AMAURY PRADO	13119 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2231
33	1404220030022	DAVIS LAWRENCE E & SHEILA	13115 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2231
34	1404220030021	COJTIN VICENTE A & LISA A	4923 TRACEMEADOW DR	HOUSTON	TX	77068-4046
35	1404220030020	CAO PHUONG THI	13775 STABLEDON DR	HOUSTON	TX	77014-2153
36	1404220030019	HOWEL CRISTHIAN OLIVA	13103 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2231
37	1404220030018	ESPINOZA YASMIN	13047 SILVERGLEN RUN TRL	HOUSTON	TX	77014
38	1404220030017	TRAN GARY & BAY	13043 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2223
39	1404220030016	DAVIS KRYSTAL MICHELLE & HN FRANKL	13039 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2223
40	1404220030015	LOVE COURTNEY	13035 SILVERGLEN RUN TRL	HOUSTON	TX	77014
41	1404220030014	RAMOS HECTOR F & BELIZA GREGORIA	13031 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2223
42	1404220030013	LENOIR CHRISTIAN	13027 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2223
43	1404220030012	KHA DAVID ICH	13023 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2223
44	1404220030011	THOMPSON KEWANNA MARIE	13019 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2223
45	1404220030009	CHAKKO JOWAN KURUPPASSERY	13015 SILVERGLEN RUN TRL	HOUSTON	TX	77014-2223
46	1404220030008	LEWIS WALLACE L SR	13011 SILVERGLEN RUN TRL	HOUSTON	TX	77014
47	1404220030007	TORRES LUIS MIGUEL VALLADARES	15435 BAMMEL FIELD CT	HOUSTON	TX	77014-2223
48	1404220030007	OSORIO JOHANNA VALERIA	15435 BAMMEL FIELD CT	HOUSTON	TX	77014
49	1404220030006	WASHINGTON ELISHA	13003 SILVERGLEN RUN TRL	HOUSTON	TX	77014-1531
50	1251640020051	SILVERGLEN NORTH HOA INC	PO BOX 650255	DALLAS	TX	75265
51	1251640020050	ODISSETTI GURUNATH	962 WILLOW ST	DALLAS	TX	75265
52	1251640020049	MARTINEZ SAUL NAVA	12835 PORTER MEADOW LN	ITASCA	IL	60143-2854
53	1251640020048	DTK BEAUTY LLC	12803 PORTER MEADOW LN	HOUSTON	TX	77014
54	1251640020049	CLARK VERNA	12827 PORTER MEADOW LN	HOUSTON	TX	77014-1962
55	1251640020010	DIGGS GREGG V & BARBARA A	12823 PORTER MEADOW LN	HOUSTON	TX	77014-1962
56	1251640020011	KHAN ASIF L	12819 PORTER MEADOW LN	HOUSTON	TX	77014-1962
57	1251640020012	HARGROVE SAMUEL E	12815 PORTER MEADOW LN	HOUSTON	TX	77014-1962
58	1251640020013	REYES JESUS D	12811 PORTER MEADOW LN	HOUSTON	TX	77014-1962
59	1251640020014	AYERS SONJA	12807 PORTER MEADOW LN	HOUSTON	TX	77014-1962
60	1251640020015	NGUYEN DIEP THI NGOC	12803 PORTER MEADOW LN	HOUSTON	TX	77014-1962
61	1251640020016	GIANG PHAT VINH	12739 PORTER MEADOW LN	HOUSTON	TX	77014-1960
62	1251640020017	CURRENT OWNER	9726 PAINTED STONE CT	HOUSTON	TX	77014-1960
63	1251640020018	NGUYEN NIKKI THI	12731 PORTER MEADOW LN	CYPRESS	TX	77433-4185
64	1251640020019	VILLATORO JESSE A	12727 PORTER MEADOW LN	HOUSTON	TX	77014
65	1251640020020	TRAN NAM V	12723 PORTER MEADOW LN	HOUSTON	TX	77014-1960
66	1251640020021	NGUYEN DUyen T	12715 PORTER MEADOW LN	HOUSTON	TX	77014-1960
67	1251640020022	LE DAT	5708 W CLIFFHAVEN LN	HOUSTON	TX	77014-1960
68	1251640020023	SMITH WILLIE	12707 PORTER MEADOW LN	WEST VALLEY CITY	UT	84128
69	1251640020024	AYALA LUIS	12914 ARDEN RIDGE LN	HOUSTON	TX	77014
70	1251640020025	SAMUELS STEWART & CARMEN	12635 RIVERHILL CT	HOUSTON	TX	77014-1958
71	1251640020026	CURRENT OWNER	12631 RIVERHILL CT	HOUSTON	TX	77014-1958
72	1251640020027	TEXAS PROPERTY NETWORK LLC	7710 T CHERRY PARK DR STE 429	HOUSTON	TX	77095
73	1251640020028	VO TAM THI	12623 RIVERHILL CT	HOUSTON	TX	77014-1958
74	1251640020029	D&D SQUARED ASSETS LLC	30615 LAVENDER TRACE DR	SPRING	TX	77386-4017

75	1251640020030	PETERSON HOWARD & DEBORAH	12615 RIVERHILL CT	HOUSTON	77014-1958
76	1251640020031	PHU HAI TRIEU BUI ET VIR	12611 RIVERHILL CT	HOUSTON	77014-1958
77	1251640020032	MCQUEEN WILLIE SR & FREEDA	12607 RIVERHILL CT	HOUSTON	77014-1958
78	1251640020033	ZAMARRIPA ALONSO & MAYRA	12603 RIVERHILL CT	HOUSTON	77014-1958
79	04805400000025	HARRIS COUNTY FLOOD CONTROL DISTRICT	9900 NORTHWEST FWY	HOUSTON	77092-8601
80	1213790080003	RANKIN ROAD WEST MUD	11111 KATY FWY STE 725	HOUSTON	77079-2175
81	1213790050035	CURRENT OWNER	12735 LAUREL VALE WAY	HOUSTON	77014-2473
82	1213790050019	BATTEE LATAHSHA K & TYRON M	12730 LAUREL MIST WAY	HOUSTON	77014-2472
83	1213790050018	JOHNSON JAHMAR R	12735 LAUREL MIST WAY	HOUSTON	77014-2472
84	1213790050017	HOWARD JAMES	12731 LAUREL MIST WAY	HOUSTON	77014-2472
85	1213790050001	SANCHEZ ISRAEL S & MARIA D	2103 LAUREL CREEK DR	HOUSTON	77014-2468
86	1213790060002	MOIZUDDIN SYED	2061 WOOD ST	INVERNESS	60667-4484
87	1213790080001	CASTILLO CARLOS A & MORENA E	2206 LAUREL BIRCH DR	HOUSTON	77014-2466
88	1213790080001	SAEED MOHAMMAD J	2210 LAUREL BIRCH DR	HOUSTON	77014-2466
89	1229360010037	DAO ANH SANG THI	2214 LAUREL BIRCH DR	HOUSTON	77014-2466
90	1229360010036	GROCE DALLAS DANTE	2222 LAUREL BIRCH DR	HOUSTON	77090
91	1229360010034	FUENTES WALTER ORLANDO	2226 LAUREL BIRCH DR	HOUSTON	77014-2466
92	1229360010033	SAVAGE QUINTIN	12702 CAPE LAUREL	HOUSTON	77014-2466
93	1229360010031	OUM SONTARA	12706 CAPE LAUREL	HOUSTON	77014-2787
94	1229360010030	DEANDA EFRAIN & EVELYN	12710 CAPE LAUREL	HOUSTON	77014-2787
95	1229360010023	FORD WILLIE & DEBORAH	2302 LAUREL RUSTIC OAKS	HOUSTON	77014-2789
96	1229360010022	HAZEL TODD	2306 LAUREL RUSTIC OAKS	HOUSTON	77014-2789
97	1229360010021	PARKS CHERIE P & RODNEY L	2310 LAUREL RUSTIC OAKS	HOUSTON	77014-2789
98	1229360010020	HANKS TONI R	2314 LAUREL RUSTIC OAKS	HOUSTON	77014-2789
99	1229360010019	PENA CRESCENCIANO	2318 LAUREL RUSTIC OAKS	HOUSTON	77014-2789
100	1229360010018	MEDLOCK CHERYL D	2322 LAUREL RUSTIC OAKS	HOUSTON	77014-2789
101	1229360010017	DOAKES SHELIA & CHARLES	4715 LANEVIEW RD	HEMPSTEAD	77445-7499
102	1229360010016	HENDERSON-OPARA AUGUSTINA	2402 LAUREL RUSTIC OAKS	HOUSTON	77014-2791
103	1229360010015	VU HOANG NGOC	2406 LAUREL RUSTIC OAKS	HOUSTON	77014-2791
104	1229360010014	BARBER CARROLL & ELERIA M	2410 LAUREL RUSTIC OAKS	HOUSTON	77014
105	1229360010013	ADAMS JOHN & TYROSA	2414 LAUREL RUSTIC OAKS	HOUSTON	77014-2791
106	1229360010012	RAMIREZ MARIA J	2418 LAUREL RUSTIC OAKS	HOUSTON	77014-2791
107	1229360010011	WEATHERS BESSIE L & KELVIN B	2422 LAUREL RUSTIC OAKS	HOUSTON	77014-2791
108	1229360010038	LAUREL OAKS HOMEOWNERS ASSOCIATION INC	PO BOX 672567	HOUSTON	77014-2791
109	1191510010006	WILLIAMS JOE & GLADYS A FRAZIER	12522 AVERY VALE LN	HOUSTON	77267-2567
110	1191510010007	BARRAGAN VICTOR H	12526 AVERY VALE LN	HOUSTON	77014-2459
111	1191510010008	AMH TX PROPERTIES LP	23975 PARK SORRENTO STE 300	HOUSTON	77014-2459
112	1187520010017	VIAN JAMES	10910 LONGREN ST	CALABASAS	91302
113	1187520010016	HARPER RADEOUS	2510 SILVERMEADOW DR	HOUSTON	77089
114	1187520010015	BEASLEY PHILLIP	2514 SILVERMEADOW DR	HOUSTON	77014-2426
115	1187520010014	STRAWBERRY HILLS SELECT	4123 MOORING POINT CT	HOUSTON	77459-1719
116	1187520010013	WILBURN CHERYL	2522 SILVERMEADOW DR	HOUSTON	77014-2426
117	1187520010012	LEONARD BRYAN S	2526 SILVERMEADOW DR	HOUSTON	77014-2426
118	1187520010011	TO AIH	6503 SILVER CRESCENT DR	HOUSTON	77064-5542
119	1187520010010	GREEN COLETTE M	2602 SILVERMEADOW DR	HOUSTON	77014-2428
120	1187520010009	FAISON ELLIS I	2606 SILVERMEADOW DR	HOUSTON	77014-2428
121	1187520010008	SABOGAL MICHELL F & DORA	2610 SILVERMEADOW DR	HOUSTON	77014
122	1187520010007	DEVELIZ VALERIA E P	2614 SILVERMEADOW DR	HOUSTON	77014-2428
123	1187520010006	GATLIN CASSANDRA R	2618 SILVERMEADOW DR	HOUSTON	77014-2428
124	1187520010005	LEAKS NORMAN R & DEIDRE H	2622 SILVERMEADOW DR	HOUSTON	77014-2428
125	1187520010004	MENEFEE JAMES L & BEATRICE	2626 SILVERMEADOW DR	HOUSTON	77014-2428
126	1187520010003	FERRELL CARMELA	2630 SILVERMEADOW DR	HOUSTON	77014-2428
127	1187520010002	AYALA-CHICAS WILLIAM A	2634 SILVERMEADOW DR	HOUSTON	77014-2428
128	1187520010001	CHANTHAVONG REBEC & TIFFANY M	2638 SILVERMEADOW DR	HOUSTON	77014-2428
129	1217350010001	TATRABOR JEROME	12515 SILVERSTREAM CT	HOUSTON	77014
130	1217350010002	MINISTRY OF JESUS CHRIST AND LIFE CENTER	PO BOX 10556	HOUSTON	77206-0556
131	1217350010003	VILLAFANA ROGELIO SOTO	12507 SILVERSTREAM CT	HOUSTON	77014-2866
132	1187530010002	TRAM NGOC M	12438 HAMILLCREST DR	HOUSTON	77014-2434
133	1187530010001	REYES HECTOR A	12442 HAMILLCREST DR	HOUSTON	77014-2434
134	1255680010025	SILVERGLEN TOWN-HOMES	PO BOX 681262	HOUSTON	77268-1262



Harris County MUD 304 WWTP Affected Landowners

- Outfall Point
- 1-Mile Downstream
- 1-Mile Buffer
- Parcels
- HCMUD 304
- WWTP Boundary
- Adjacent Parcels



ENGINEERING THE FUTURE
SINCE 1996

May 2025

The data presented herein are for planning and assessment purposes only. EHRA maps are assembled from data originating from Geographic Information System (GIS) databases or GIS services maintained by public entities. They do not represent legal survey. While EHRA strives to provide as accurate and reliable data as possible, EHRA makes no claims or warranty, expressed or implied, regarding the accuracy or quality of the data or products presented.

Francesca Findlay

From: Cesar Romero <cromero@ehra.team>
Sent: Wednesday, June 4, 2025 5:12 PM
To: Francesca Findlay
Cc: Brook Pope, P.E.
Subject: RE: WQ0013564001 Harris County Municipal Utility District 304
Attachments: Check No. 059042.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Good day Francesca,

My apologies, I forgot to send out the check, but it will get mailed out first thing tomorrow morning. I have attached a picture of check No. 059042 to this email.

Thank you,

Cesar Romero

Engineer III

10011 Meadowglen Lane

Houston, Texas 77042

Direct: 713.581.8461



TBPE No. F-726 | TBPLS No. 10092300

From: Francesca Findlay <Francesca.Findlay@tceq.texas.gov>
Sent: Wednesday, June 4, 2025 4:18 PM
To: Cesar Romero <cromero@ehra.team>
Cc: Brook Pope, P.E. <bpope@ehra.team>
Subject: RE: WQ0013564001 Harris County Municipal Utility District 304

Good afternoon,

I am in the process of reviewing your application and I am unable to verify the payment. The check number that is on the application is 059042. Please verify that the check number is correct.

Thank you,

Francesca Findlay
License & Permit Specialist
ARP Team | Water Quality Division
512-239-2441

Texas Commission on Environmental Quality



Please consider whether it is necessary to print this e-mail

How is our customer service? Fill out our online customer satisfaction survey at <http://www.tceq.texas.gov/customersurvey>.

From: Cesar Romero <cromero@ehra.team>
Sent: Tuesday, May 27, 2025 4:50 PM
To: Francesca Findlay <Francesca.Findlay@tceq.texas.gov>
Cc: Brook Pope, P.E. <bpope@ehra.team>
Subject: RE: WQ0013564001 Harris County Municipal Utility District 304

Good day Francesca,

I have attached our response to the NOD letter dated May 13, 2025, as well as the translated NORI in word format. Please let me know if you have any questions or concerns.

Thank you,

Cesar Romero

Engineer III

10011 Meadowglen Lane
Houston, Texas 77042
Direct: 713.581.8461



TBPE No. F-726 | TBPLS No. 10092300

From: Francesca Findlay <Francesca.Findlay@tceq.texas.gov>
Sent: Tuesday, May 13, 2025 9:24 AM
To: Brook Pope, P.E. <bpope@ehra.team>
Cc: Cesar Romero <cromero@ehra.team>
Subject: FW: WQ0013564001 Harris County Municipal Utility District 304

Dear Ms. Book:

The attached Notice of Deficiency letter sent on May 13, 2025, requesting additional information needed to declare the application administratively complete. Please send the complete response to my attention May 27, 2025.

Thank you,

Francesca Findlay
License & Permit Specialist
ARP Team | Water Quality Division
512-239-2441
Texas Commission on Environmental Quality



Please consider whether it is necessary to print this e-mail

How is our customer service? Fill out our online customer satisfaction survey at <http://www.tceq.texas.gov/customersurvey>.