

APPLICANT: Vale Building Group, LLC

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

For TCEQ Use Only

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



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

APPLICATION FOR A DOMESTIC WASTEWATER PERMIT

ADMINISTRATIVE REPORT 1.0

If you have questions about completing this form please contact the Applications Review and Processing Team at 512-239-4671.

Section 1. Application Fees (Instructions Page 29)

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 checked="" type="checkbox"/>	\$1,215.00 <input type="checkbox"/>
≥0.50 but <1.0 MGD	\$1,650.00 <input type="checkbox"/>	\$1,615.00 <input type="checkbox"/>
≥1.0 MGD	\$2,050.00 <input type="checkbox"/>	\$2,015.00 <input type="checkbox"/>

Minor Amendment (for any flow) \$150.00 ☐

Payment Information:

Mailed Check/Money Order Number: 30860
Check/Money Order Amount: \$1,250
Name Printed on Check: Vale Building Group LLC

EPAY Voucher Number:

Copy of Payment Voucher enclosed? Yes ☐

Section 2. Type of Application (Instructions Page 29)

- | | |
|---|---|
| <input checked="" type="checkbox"/> New TPDES | <input type="checkbox"/> New TLAP |
| <input type="checkbox"/> Major Amendment <u>with</u> Renewal | <input type="checkbox"/> Minor Amendment <u>with</u> Renewal |
| <input type="checkbox"/> Major Amendment <u>without</u> Renewal | <input type="checkbox"/> Minor Amendment <u>without</u> Renewal |
| <input type="checkbox"/> Renewal without changes | <input type="checkbox"/> Minor Modification of permit |

For amendments or modifications, describe the proposed changes:

For existing permits:

Permit Number: WQ00

EPA I.D. (TPDES only): TX

Expiration Date:

Section 3. Facility Owner (Applicant) and Co-Applciant Information (Instructions Page 29)

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

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

Vale Building Group, LLC

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

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

CN: 604294330

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

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

First and Last Name: Edwin Vale

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

Title: President

B. Co-applciant 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-applciant applying for this permit?

(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-applciant 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:

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

Prefix (Mr., Ms., Miss):

First and Last Name:

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

Title:

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

C. Core Data Form

Complete the Core Data Form for each customer and include as an attachment. If the

customer type selected on the Core Data Form is **Individual**, complete **Attachment 1** of Administrative Report 1.0.

Attachment: 10

Section 4. Application Contact Information (Instructions Page 30)

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

First and Last Name: Aaron Rojas

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

Title: Civil Engineer

Organization Name: MRB Group

Mailing Address: 8834 N. Capital of Texas Hwy Suite 220

City, State, Zip Code: Austin, TX 78759

Phone No.: 5124368571 Ext.: Fax No.:

E-mail Address: aaron.rojas@mrbgroup.com

Check one or both: ☒ Administrative Contact ☒ Technical Contact

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

First and Last Name:

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

Title:

Organization Name:

Mailing Address:

City, State, Zip Code:

Phone No.: Ext.: Fax No.:

E-mail Address:

Check one or both: ☐ Administrative Contact ☐ Technical Contact

Section 5. Permit Contact Information (Instructions Page 30)

Provide two names of individuals that can be contacted throughout the permit term.

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

First and Last Name: Joshua Welch

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

Title: Project Manager

Organization Name: Vale Building Group, LLC

Mailing Address: 1165 N Patterson Ave

City, State, Zip Code: Florence, TX, 76527

Phone No.: 254-368-9649 Ext.: [REDACTED]

Fax No.: [REDACTED]

E-mail Address: joshuadwelch1010@outlook.com

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

First and Last Name: Edwin Vale

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

Title: President

Organization Name: Vale Building Group, LLC

Mailing Address: 1165 N Patterson Ave

City, State, Zip Code: Florence, TX, 76527

Phone No.: 254-394-3740 Ext.: [REDACTED]

Fax No.: [REDACTED]

E-mail Address: valeirvinhomes@gmail.com

Section 6. Billing Information (Instructions Page 30)

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

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

First and Last Name: Joshua Welch

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

Title: Project Manager

Organization Name: Vale Building Group, LLC

Mailing Address: 1165 N Patterson Ave

City, State, Zip Code: Florence, TX, 76527

Phone No.: 254-368-9649 Ext.: [REDACTED]

Fax No.: [REDACTED]

E-mail Address: joshuadwelch1010@outlook.com

Section 7. DMR/MER Contact Information (Instructions Page 31)

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

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

First and Last Name: Joshua Welch

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

Title: Project Manager

Organization Name: Vale Building Group, LLC

Mailing Address: 1165 N Patterson Ave

City, State, Zip Code: Florence, TX, 76527

Phone No.: 254-368-9649 Ext.: [REDACTED]

Fax No.: [REDACTED]

E-mail Address: joshuadwelch1010@outlook.com

DMR data is required to be submitted electronically. Create an account at:

<https://www.tceq.texas.gov/permitting/netdmr/netdmr.html>.

Section 8. Public Notice Information (Instructions Page 31)

A. Individual Publishing the Notices

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

First and Last Name: Joshua Welch

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

Title: Project Manager

Organization Name: Vale Building Group, LLC

Mailing Address: 1165 N Patterson Ave

City, State, Zip Code: Florence, TX, 76527

Phone No.: 254-368-9649 Ext.: [REDACTED]

Fax No.: [REDACTED]

E-mail Address: joshuadwelch1010@outlook.com

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

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

☒ E-mail Address

☐ Fax

☒ Regular Mail

C. Contact person to be listed in the Notices

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

First and Last Name: Joshua Welch

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

Title: Project Manager

Organization Name: Vale Building Group, LLC

Phone No.: 254-368-9649 Ext.: [REDACTED]

E-mail: joshuadwelch1010@outlook.com

D. Public Viewing Information

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

Public building name: City Hall

Location within the building: Lobby

Physical Address of Building: 2205 S Main St

City: Weir

County: Williamson

Contact Name: [REDACTED]

Phone No.: [REDACTED]

Ext.: [REDACTED]

E. Bilingual Notice Requirements:

This information **is required** for **new, major amendment, and renewal applications**. It is not required for minor amendment or minor modification 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? [REDACTED]

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

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

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):**

Weir Subdivision WWTP

- C. Owner of treatment facility: Vale Building Group, LLC

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

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

Prefix (Mr., Ms., Miss):

First and Last Name: Vale Building Group, LLC

Mailing Address: 1165 N Patterson Ave

City, State, Zip Code: Florence, TX, 76527

Phone No.: 254-394-3740

E-mail Address: valeirvinhomes@gmail.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: NA

- E. Owner of effluent disposal site:

Prefix (Mr., Ms., Miss):

First and Last Name: Vale Building Group, LLC

Mailing Address: 1165 N Patterson Ave

City, State, Zip Code: Florence, TX, 76527

Phone No.: 254-394-3740

E-mail Address: valeirvinhomes@gmail.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: NA

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

Prefix (Mr., Ms., Miss):

First and Last Name: Vale Building Group, LLC

Mailing Address: 1165 N Patterson Ave

City, State, Zip Code: Florence, TX, 76527

Phone No.: 254-394-3740

E-mail Address: valeirvinhomes@gmail.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: NA

Section 10. TPDES Discharge Information (Instructions Page 34)

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

☐ Yes ☐ No

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

NEW PERMIT - The effluent disposal site will be located on the northern property 1,800 feet west of the intersection of Farm-to-Market Road 1105 and Farm-to-Market Road 194, north of the City of Weir, Texas.

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

☐ Yes ☐ No

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

NEW PERMIT - From the plant site to an unnamed tributary, thence to Weir Branch, thence to the San Gabriel/North Fork San Gabriel River in Segment 1248 of the Brazos River Basin.

City nearest the outfall(s): Weir

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

Outfall Latitude: 30°41'15.85" N Longitude: 97°35'36.39" W

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

☐ Yes ☒ No

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

☐ Authorization granted ☐ Authorization pending

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

Attachment: NA

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

NA

Section 11. TLAP Disposal Information (Instructions Page 36)

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:

NA

B. City nearest the disposal site:

C. County in which the disposal site is located:

D. Disposal Site Latitude:

Longitude:

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

F. For TLAPs, please identify the nearest watercourse to the disposal site to which rainfall runoff might flow if not contained:

Section 12. Miscellaneous Information (Instructions Page 37)

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.

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:

D. Do you owe any fees to the TCEQ?

☐ Yes ☒ No

If yes, provide the following information:

Account number:

Amount past due:

E. Do you owe any penalties to the TCEQ?

☐ Yes ☒ No

If yes, please provide the following information:

Enforcement order number:

Amount past due:

Section 13. Attachments (Instructions Page 38)

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:

Section 14. Signature Page (Instructions Page 39)

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

Permit Number:

Applicant: Vale Building Group, LLC

Certification:

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

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

Signatory name (typed or printed): Edwin Vale

Signatory title: President

Signature

Date:

6-23-2022

(Use blue ink)

Subscribed and Sworn to before me by the said Eddie Vale

on this 23rd

day of June

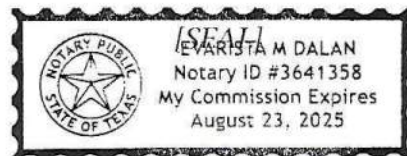
, 20 22

My commission expires on the 23rd day of August

, 20 22

Evaresta M. Dalan
Notary Public

Williamson
County, Texas



DOMESTIC ADMINISTRATIVE REPORT 1.1

The following information is required for new and amendment applications.

Section 1. Affected Landowner Information (Instructions Page 41)

- 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:
- ☐ Readable/Writeable CD
 - ☒ Four sets of labels
- D. Provide the source of the landowners' names and mailing addresses: Williamson Central Appraisal District
- E. As required by *Texas Water Code § 5.115*, is any permanent school fund land affected by this application?
- ☐ Yes
 - ☒ No

If **yes**, provide the location and foreseeable impacts and effects this application has on the

land(s):

Section 2. Original Photographs (Instructions Page 44)

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 44)

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

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

FOR AGENCIES REVIEWING DOMESTIC 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)

The SPIF must be completed as a separate document. The TCEQ will mail a copy of the SPIF to each agency as required by the TCEQ agreement with EPA. If any of the items are not completely addressed or further information is needed, you will be contacted to provide the information before the permit is issued. Each item must be completely addressed.

Do not refer to a response of any item in the permit application form. Each attachment must be provided with this form separately from the administrative report of the application. The application will not be declared administratively complete without this form being completed in its entirety including all attachments.

The following applies to all applications:

1. Permittee: Vale Building Group, LLC

Permit No. WQ00 _____

EPA ID No. TX _____

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

The effluent disposal site will be located on the northern property 1,800 feet west of the intersection of Farm-to-Market Road 1105 and Farm-to-Market Road 194, north of the City of Weir, Texas.

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

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

First and Last Name: Joshua Welch

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

Title: Project Manager

Mailing Address: 1165 N Patterson Ave

City, State, Zip Code: Florence, TX, 76527

Phone No.: 254-368-9649 Ext.:

Fax No.:

E-mail Address: joshuadwelch1010@outlook.com

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

NA

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 an unnamed tributary, thence to Weir Branch, thence to the San Gabriel/North Fork San Gabriel River in Segment 1248 of the Brazos 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

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

Minor cut/fill excavation and site preparation for the proposed WWTP, site clearing.

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

Agricultural land use

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

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

06/01/2023

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

Primarily agricultural land use for crops.

WATER QUALITY PERMIT

PAYMENT SUBMITTAL FORM

Use this form to submit the Application Fee, if the mailing the payment.

- Complete items 1 through 5 below.
- Staple the check or money order in the space provided at the bottom of this document.
- **Do not mail this form with the application form.**
- Do not mail this form to the same address as the application.
- Do not submit a copy of the application with this form as it could cause duplicate permit entries.

Mail this form and the check or money order to:

BY REGULAR U.S. MAIL

Texas Commission on Environmental Quality
Financial Administration Division
Cashier's Office, MC-214
P.O. Box 13088
Austin, Texas 78711-3088

BY OVERNIGHT/EXPRESS MAIL

Texas Commission on Environmental Quality
Financial Administration Division
Cashier's Office, MC-214
12100 Park 35 Circle
Austin, Texas 78753

Fee Code: WQP Waste Permit No:

1. Check or Money Order Number:
2. Check or Money Order Amount:
3. Date of Check or Money Order:
4. Name on Check or Money Order:

5. APPLICATION INFORMATION

Name of Project or Site: Weir Subdivision WWTP

Physical Address of Project or Site:






If the check is for more than one application, attach a list which includes the name of each Project or Site (RE) and Physical Address, exactly as provided on the application.

Staple Check or Money Order in This Space



-
- ONE MILE RADIUS
 POINT OF DISCHARGE
 DISCHARGE ROUTE

ROAD CLASSIFICATION

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

SPIF MAP
WILLIAMSON COUNTY
WEIR, TX
2019

2019 000019

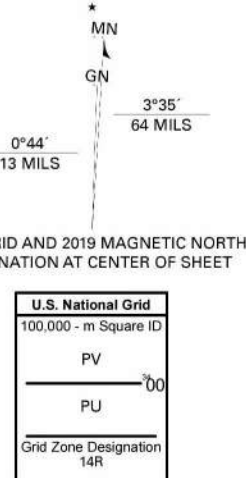
Produced by the United States Geological Survey

North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1 000-meter grid: Universal Transverse Mercator, Zone 14R

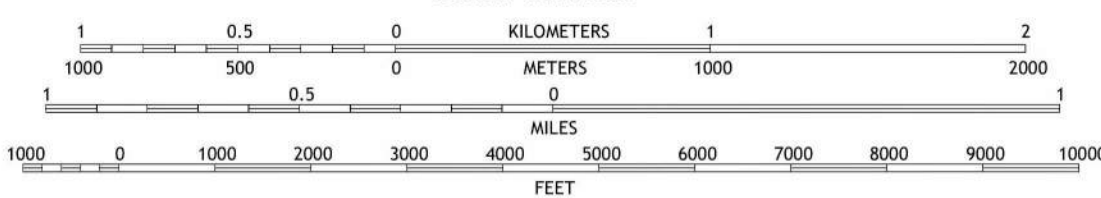
This map is not a legal document. Boundaries may be generalized for this map scale. Private lands within government reservations may not be shown. Obtain permission before entering private lands.

Imagery.....	NAIP, August 2001
Roads.....	U.S. Census
Names.....	

Hydrography.....	National Hydrography Data
Contours.....	National Elevation Data
Boundaries.....	Multiple sources; see metadata file
Wetlands.....	FWS National Wetlands Inventory



SCALE 1:24 000



CONTOUR INTERVAL 10 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 0.6.18



1	2	3
4		5
6	7	8

ADJOINING QUADRANGLES

- 1 Cobbs Cavern
- 2 Jarrell
- 3 Bartlett
- 4 Georgetown
- 5 Granger
- 6 Round Rock
- 7 Hutto
- 8 Taylor

WEIR,
2019

THIS PAGE INTENTIONALLY LEFT BLANK

ATTACHMENT 1

INDIVIDUAL INFORMATION

Section 1. Individual Information (Instructions Page 50)

Complete this attachment if the facility applicant or co-applicant is an individual. Make additional copies of this attachment if both are individuals.

Prefix (Mr., Ms., Miss):

Full legal name (first, middle, last):

Driver's License or State Identification Number:

Date of Birth:

Mailing Address:

City, State, and Zip Code:

Phone Number: Fax Number:

E-mail Address:

CN:

For Commission Use Only:

Customer Number:

Regulated Entity Number:

Permit Number:

CHECKLIST OF COMMON DEFICIENCIES

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

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

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

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

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

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

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

Things to Know:

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

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

Landowners Labels or CD-RW attached ☐ N/A ☒ Yes
(See instructions for landowner requirements)

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



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
DOMESTIC WASTEWATER PERMIT APPLICATION

DOMESTIC TECHNICAL REPORT 1.0

The Following Is Required For All Applications
Renewal, New, And Amendment

Section 1. Permitted or Proposed Flows (Instructions Page 51)

A. Existing/Interim I Phase

Design Flow (MGD): 0.322

2-Hr Peak Flow (MGD): 1.05

Estimated construction start date: 06/2023

Estimated waste disposal start date: 06/2024

B. Interim II Phase

Design Flow (MGD):

2-Hr Peak Flow (MGD):

Estimated construction start date:

Estimated waste disposal start date:

C. Final Phase

Design Flow (MGD):

2-Hr Peak Flow (MGD):

Estimated construction start date:

Estimated waste disposal start date:

D. Current operating phase:

Provide the startup date of the facility: 06/2024

Section 2. Treatment Process (Instructions Page 51)

A. Treatment process description

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 in the permit, a description of *each phase* must be provided.** Process description:

The treatment process will include preliminary treatment (screening), Enhanced Secondary Treatment (Aeration and Clarification) and Disinfection. Flow metering will be performed following the final treatment unit. Process sensors for aeration dissolved oxygen and mixed liquor suspended solids will be included.

Port or pipe diameter at the discharge point, in inches: 12

B. Treatment Units

In Table 1.0(1), provide the treatment unit type, the number of units, and dimensions (length, width, depth) of each treatment unit, accounting for *all* phases of operation.

Table 1.0(1) - Treatment Units

Treatment Unit Type	Number of Units	Dimensions (L x W x D)
Bar Screen	1	¼" clear opening design
RAS Mix Basin	1	10' x 8' x 14'
Aeration Basin	2	30' x 25' x 14'
Final Clarifiers	2	25' Dia. X 14'
Chlorine Disinfection	2	25' x 4' x 11'
Aerobic Digesters	2	25' x 22.5' x 12.5'

C. Process flow diagrams

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

Attachment: 5

Section 3. Site Drawing (Instructions Page 52)

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: 6

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

Subdivision north of the City of Weir.

Section 4. Unbuilt Phases (Instructions Page 52)

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

Yes ☐

No ☒

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

Yes ☐

No ☐

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

Section 5. Closure Plans (Instructions Page 53)

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

Yes ☐ No ☒

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

Yes ☐ No ☐

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

Section 6. Permit Specific Requirements (Instructions Page 53)

Section 7. Pollutant Analysis of Treated Effluent (Instructions Page 58)

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).

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

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

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
CBOD ₅ , mg/l					
Total Suspended Solids, mg/l					
Ammonia Nitrogen, mg/l					
Nitrate Nitrogen, mg/l					
Total Kjeldahl Nitrogen, mg/l					
Sulfate, mg/l					
Chloride, mg/l					
Total Phosphorus, mg/l					

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
pH, standard units					
Dissolved Oxygen*, mg/l					
Chlorine Residual, mg/l					
<i>E.coli</i> (CFU/100ml) freshwater					
Enterococci (CFU/100ml) saltwater					
Total Dissolved Solids, mg/l					
Electrical Conductivity, μ mohs/cm, †					
Oil & Grease, mg/l					
Alkalinity (CaCO ₃)*, mg/l					

*TPDES permits only

†TLAP permits only

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

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

Section 8. Facility Operator (Instructions Page 60)

Facility Operator Name: TBD

Facility Operator's License Classification and Level: TBD

Facility Operator's License Number: TBD

Section 9. Sewage Sludge Management and Disposal (Instructions Page 60)

A. Sludge disposal method

Identify the current or anticipated sludge disposal method or methods from the following list. Check all that apply.

- ☒ Permitted landfill
- ☐ Permitted or Registered land application site for beneficial use
- ☐ Land application for beneficial use authorized in the wastewater permit
- ☐ Permitted sludge processing facility
- ☐ Marketing and distribution as authorized in the wastewater permit
- ☐ Composting as authorized in the wastewater permit
- ☐ Permitted surface disposal site (sludge monofill)
- ☐ Surface disposal site (sludge monofill) authorized in the wastewater permit
- ☐ Transported to another permitted wastewater treatment plant or permitted sludge processing facility. If you selected this method, a written statement or contractual agreement from the wastewater treatment plant or permitted sludge processing facility accepting the sludge must be included with this application.
- ☐ Other:

B. Sludge disposal site

Disposal site name: Texas Disposal Systems Landfill

TCEQ permit or registration number: 2123

County where disposal site is located: Travis

Method of transportation (truck, train, pipe, other): TruckHauler registration number: 466A

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

A. Beneficial use authorization

Yes ☐ No ☐

Yes ☐ No ☐

Yes ☐ No ☐

Sludge Composting Yes ☐ No ☐

Marketing and Distribution of sludge Yes ☐ No ☐

Sludge Surface Disposal or Sludge Monofill Yes ☐ No ☐

Temporary storage in sludge lagoons Yes ☐ No ☐

Yes ☐ No ☐

Section 11. Sewage Sludge Lagoons (Instructions Page 61)

Does this facility include sewage sludge lagoons?

Yes ☐ No ☒

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

A. Location information

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

- Original General Highway (County) Map:

Attachment:

- USDA Natural Resources Conservation Service Soil Map:

Attachment:

- Federal Emergency Management Map:

Attachment:

- Site map:

Attachment:

Discuss in a description if any of the following exist within the lagoon area.

Check all that apply.

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

Attachment:

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

<div><div></div></div>

B. Temporary storage information

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

Nitrate Nitrogen, mg/kg:

Total Kjeldahl Nitrogen, mg/kg:

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

Phosphorus, mg/kg:

Potassium, mg/kg:

pH, standard units:

Ammonia Nitrogen mg/kg:

Arsenic:

Cadmium:

Chromium:

Copper:

Lead:

Mercury:

Molybdenum:

Nickel:

Selenium:

Zinc:

Total PCBs:

Provide the following information:

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

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

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

C. Liner information

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

Yes ☐ No ☐

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

Click here to enter text

D. Site development plan

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

Click here to enter text

Attach the following documents to the application.

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

Attachment:

Click here to enter text

- Copy of the closure plan

Attachment:

Click here to enter text

- Copy of deed recordation for the site

Attachment:

Click here to enter text

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

Attachment:

Click here to enter text

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

Attachment:

Click here to enter text

- Procedures to prevent the occurrence of nuisance conditions

Attachment:

Click here 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: [link here to attachments](#)

Section 12. Authorizations/Compliance/Enforcement (Instructions Page 63)

A. Additional authorizations

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

Yes ☐ No ☒

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

B. Permittee enforcement status

Is the permittee currently under enforcement for this facility?

Yes ☐ No ☒

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

Yes ☐ No ☒

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

Section 13. RCRA/CERCLA Wastes (Instructions Page 63)

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 here to enter text](#)

Section 14. Laboratory Accreditation (Instructions Page 64)

DOMESTIC TECHNICAL REPORT 1.1

The following is required for new and amendment applications

Section 1. Justification for Permit (Instructions Page 66)

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 City of Weir does not currently have a facility to treat wastewater. The proposed development that will be constructed north of the city will bring with it an increase in wastewater. This development will need a proper treatment facility in order to process the waste and discharge it correctly in accordance with the TCEQ rules and regulations.

B. Regionalization of facilities

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

1. *Municipally incorporated areas*

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

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

Yes ☐ No ☒ Not Applicable ☐

If yes, within the city limits of:

If yes, attach correspondence from the city.

Attachment:

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

Attachment:

2. *Utility CCN areas*

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

Yes ☐ No ☒

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

Attachment:

3. Nearby WWTPs or collection systems

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

Yes ☒ No ☐

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

Attachment: See USGS Map for location - Attachment 1

If yes, attach copies of your certified letters to these facilities **and** their response letters concerning connection with their system.

Attachment: 3

Does a permitted domestic wastewater treatment facility or a collection system located within three (3) miles of the proposed facility currently have the capacity to accept or is willing to expand to accept the volume of wastewater proposed in this application?

Yes ☐ No ☒

If yes, attach an analysis of expenditures required to connect to a permitted wastewater treatment facility or collection system located within 3 miles versus the cost of the proposed facility or expansion.

Attachment:

Section 2. Organic Loading (Instructions Page 67)

Is this facility in operation?

Yes ☐ No ☒

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

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

Loading

A. Current organic loading

Facility Design Flow (flow being requested in application):

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

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

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

<input type="text"/>

B. Proposed organic loading

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

Table 1.1(1) - Design Organic Loading

Source	Total Average Flow (MGD)	Influent BOD ₅ Concentration (mg/l)
Municipality		
Subdivision	.256	250 mg/l
Trailer park - transient		
Mobile home park		
School with cafeteria and showers		
School with cafeteria, no showers		
Recreational park,		

Source	Total Average Flow (MGD)	Influent BOD ₅ Concentration (mg/l)
overnight use		
Recreational park, day use		
Office building or factory		
Motel		
Restaurant		
Hospital		
Nursing home		
Other		
TOTAL FLOW from all sources	.256	
AVERAGE BOD ₅ from all sources		250 mg/l

Section 3. Proposed Effluent Quality and Disinfection (Instructions Page 68)

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: 3.0

Total Phosphorus, mg/l: NA

Dissolved Oxygen, mg/l: 4.0

Other:

B. Interim II Phase Design Effluent Quality

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

Total Suspended Solids, mg/l:

Ammonia Nitrogen, mg/l:

Total Phosphorus, mg/l:

Dissolved Oxygen, mg/l:

Other:

C. Final Phase Design Effluent Quality

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

Total Suspended Solids, mg/l:

Ammonia Nitrogen, mg/l:

Total Phosphorus, mg/l:

Dissolved Oxygen, mg/l:

Other:

D. Disinfection Method

Identify the proposed method of disinfection.

- ☒ Chlorine: 0.3 mg/l after 20 minutes detention time at peak flow
Dechlorination process: NA
- ☐ Ultraviolet Light: seconds contact time at peak flow
- ☐ Other:

Section 4. Design Calculations (Instructions Page 68)

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

Attachment: 8

Section 5. Facility Site (Instructions Page 68)

A. 100-year floodplain

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

Yes ☒ No ☐

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

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

FEMA Flood Maps

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

Yes ☐ No ☒

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

Yes ☐ No ☐

If yes, provide the permit number:

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

B. Wind rose

Attach a wind rose. **Attachment:** 11

Section 6. Permit Authorization for Sewage Sludge Disposal (Instructions Page 69)

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)

Attachment:

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 a completed DOMESTIC WASTEWATER PERMIT APPLICATION: SEWAGE SLUDGE TECHNICAL REPORT (TCEQ Form No. 10056).

Attachment:

Section 7. Sewage Sludge Solids Management Plan (Instructions Page 69)

Attach a solids management plan to the application.

Attachment: 9

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 TECHNICAL REPORT WORKSHEET 2.0

RECEIVING WATERS

The following is required for all TPDES permit applications

Section 1. Domestic Drinking Water Supply (Instructions Page 73)

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 yes, provide the following:

Owner of the drinking water supply:

Distance and direction to the intake:

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

Attachment:

Section 2. Discharge into Tidally Affected Waters (Instructions Page 73)

Does the facility discharge into tidally affected waters?

Yes ☐ No ☒

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

A. Receiving water outfall

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

B. Oyster waters

Are there oyster waters in the vicinity of the discharge?

Yes ☐ No ☐

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

<input type="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).

Section 3. Classified Segments (Instructions Page 73)

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 75)

Name of the immediate receiving waters: Unnamed tributary

A. Receiving water type

Identify the appropriate description of the receiving waters.

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

Surface area, in acres:

Average depth of the entire water body, in feet:

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

- ☐ Man-made Channel or Ditch
- ☐ Open Bay
- ☐ Tidal Stream, Bayou, or Marsh

☐ Other, specify:

B. Flow characteristics

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

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

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

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

C. Downstream perennial confluences

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

From the plant site to an unnamed tributary, thence to Weir Branch, thence to the San Gabriel/North Fork San Gabriel River in Segment 1248 of the Brazos River Basin

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 here to enter text.

E. Normal dry weather characteristics

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

Steady water flow at an average depth of 15".

Date and time of observation: 03/14/2022 12:00 PM

Was the water body influenced by stormwater runoff during observations?

Yes ☐

No ☒

Section 5. General Characteristics of the Waterbody (Instructions Page 74)

A. Upstream influences

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

☐ Oil field activities

☐ Urban runoff

☐ Upstream discharges

☒ Agricultural runoff

☐ Septic tanks

☐ Other(s), specify

B. Waterbody uses

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

☒ Livestock watering

☐ Contact recreation

☐ Irrigation withdrawal

☐ Non-contact recreation

☐ Fishing

☐ Navigation

☐ Domestic water supply

☐ Industrial water supply

☐ Park activities

☐ Other(s), specify

[Click here to enter text](#)

C. Waterbody aesthetics

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

☐ Wilderness: outstanding natural beauty; usually wooded or unpastured area; water clarity exceptional

☒ Natural Area: trees and/or native vegetation; some development evident (from fields, pastures, dwellings); water clarity discolored

☐ Common Setting: not offensive; developed but uncluttered; water may be colored or turbid

☐ Offensive: stream does not enhance aesthetics; cluttered; highly developed; dumping areas; water discolored

DOMESTIC WORKSHEET 2.1

Section 1. General Information (Instructions Page 75)

Section 2. Data Collection (Instructions Page 75)

Section 3. Summarize Measurements (Instructions Page 76)

DOMESTIC WORKSHEET 3.0

Section 1. Type of Disposal System (Instructions Page 77)

Section 2. Land Application Site(s) (Instructions Page 77)

Section 3. Storage and Evaporation Lagoons/Ponds (Instructions Page 77)

Section 4. Flood and Runoff Protection (Instructions Page 77)

Section 5. Annual Cropping Plan (Instructions Page 77)

Section 6. Well and Map Information (Instructions Page 78)

Section 7. Groundwater Quality (Instructions Page 79)

Section 8. Soil Map and Soil Analyses (Instructions Page 79)

Section 9. Effluent Monitoring Data (Instructions Page 80)

DOMESTIC WORKSHEET 3.1

Section 1. Surface Disposal (Instructions Page 81)

Section 2. Edwards Aquifer (Instructions Page 82)

DOMESTIC WORKSHEET 3.2

Section 1. Subsurface Application (Instructions Page 83)

Section 2. Edwards Aquifer (Instructions Page 83)

DOMESTIC WORKSHEET 3.3

Section 1. Administrative Information (Instructions Page 84)

Section 2. Subsurface Area Drip Dispersal System (Instructions Page 84)

Section 3. Required Plans (Instructions Page 84)

Section 4. Floodway Designation (Instructions Page 85)

Section 5. Surface Waters in the State (Instructions Page 85)

Section 6. Edwards Aquifer (Instructions Page 85)

If yes to either question, then the SADDs may be prohibited by 30 TAC §213.8. Please call the Municipal Permits Team at 512-239-4671 to schedule a pre-application meeting.

DOMESTIC WORKSHEET 4.0

Section 1. Toxic Pollutants (Instructions Page 87)

Section 2. Priority Pollutants

Section 3. Dioxin/Furan Compounds

DOMESTIC WORKSHEET 5.0

Section 1. Required Tests (Instructions Page 97)

Section 2. Toxicity Reduction Evaluations (TREs)

Section 3. Summary of WET Tests

DOMESTIC WORKSHEET 6.0

Section 1. All POTWs (Instructions Page 99)

Section 2. POTWs with Approved Programs or Those Required to Develop a Program (Instructions Page 100)

Section 3. Significant Industrial User (SIU) Information and Categorical Industrial User (CIU) (Instructions Page 100)

WORKSHEET 7.0

Section 1. General Information (Instructions Page 102)

Section 2. Proposed Down Hole Design

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

Section 4. Site Hydrogeological and Injection Zone Data

Section 5. Site History

ATTACHMENT 1

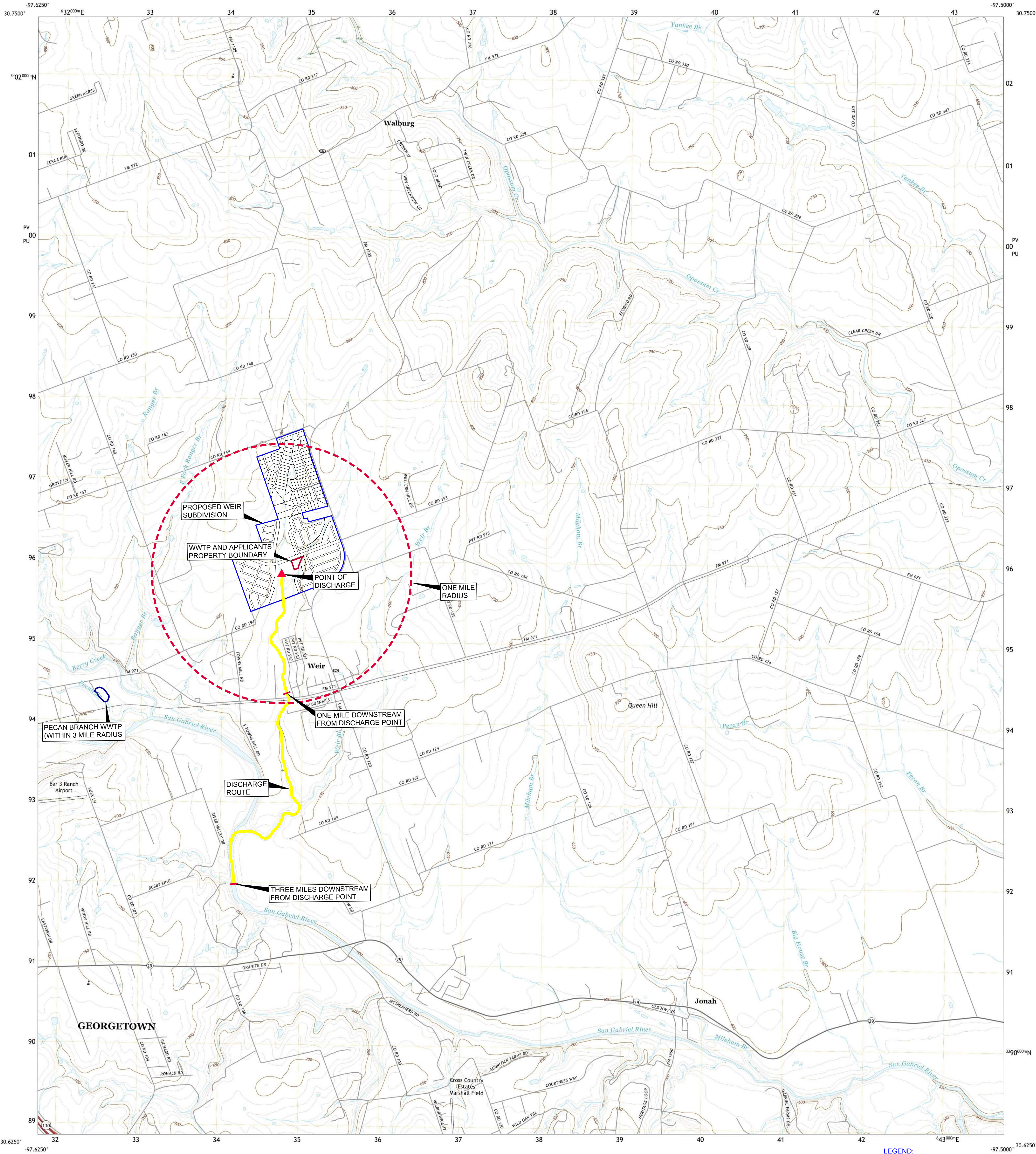
**ORIGINAL FULL-SIZE USGS
QUADRANGLE MAP
(FROM ADMINISTRATIVE REPORT 1.0 SEC. 13)**



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



WEIR QUADRANGLE
TEXAS - WILLIAMSON COUNTY
7.5-MINUTE SERIES



LEGEND:

--- ONE MILE RADIUS
▲ POINT OF DISCHARGE
--- DISCHARGE ROUTE

ROAD CLASSIFICATION

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

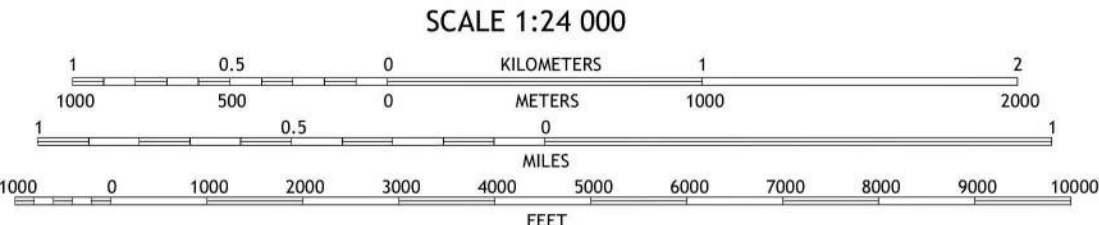
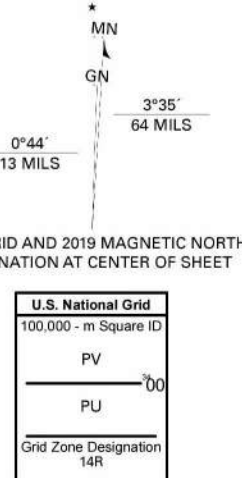


1	2	3
4	5	6
7	8	9

ADJOINING QUADRANGLES

ATTACHMENT 1
USGS MAP
WILLIAMSON COUNTY
WEIR, TX
2019

Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1 000-meter grid: Universal Transverse Mercator, Zone 14R
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, August 2016 - November 2016
Roads.....U.S. Census Bureau, 2015
Names.....GNIS, 1979 - 2018
Hydrography.....National Hydrography Dataset, 2002 - 2016
Contours.....National Elevation Dataset, 2002 - 2016
Boundaries.....Multiple sources; see metadata file 2016 - 2017
Wetlands.....FWS National Wetlands Inventory 1982



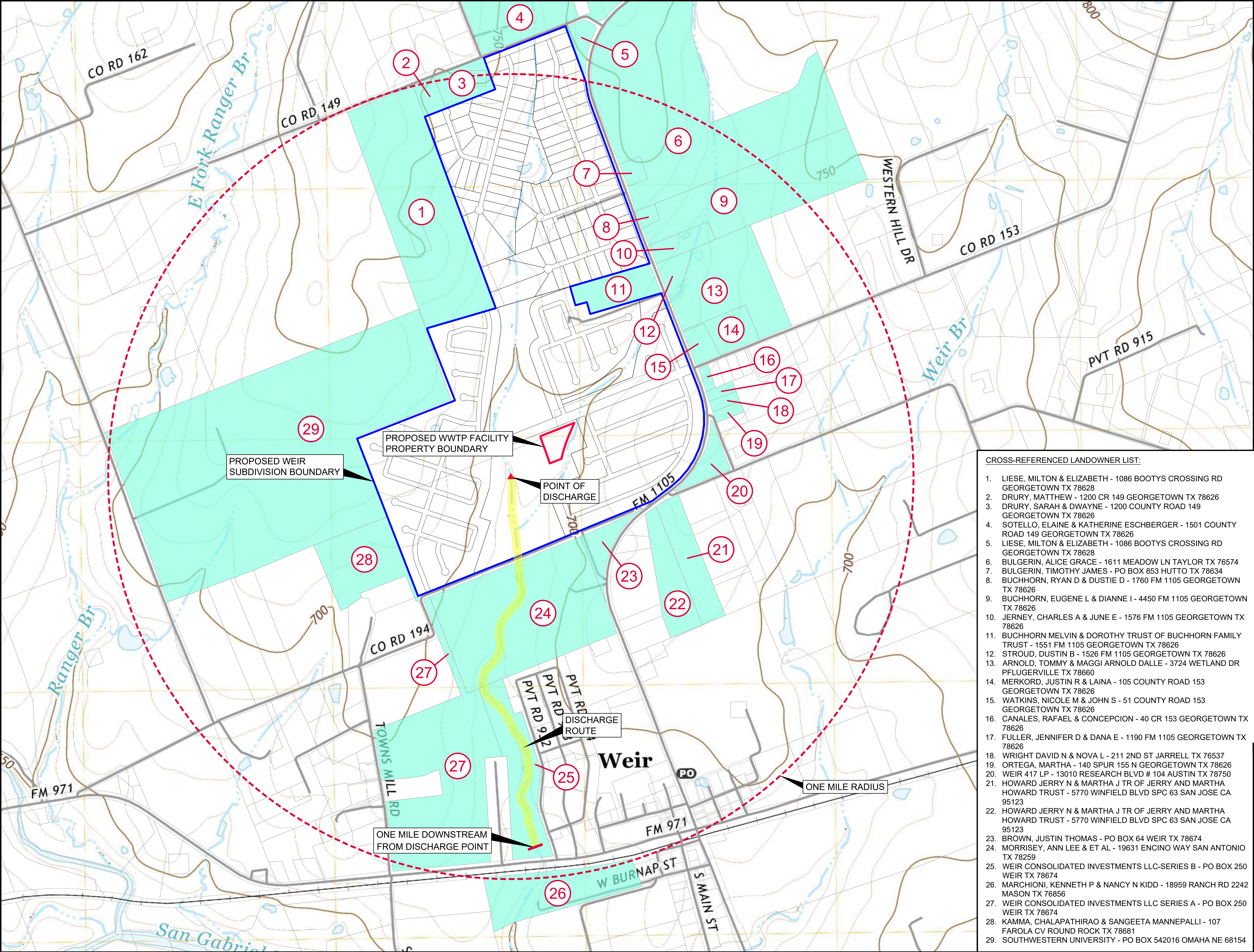
CONTOUR INTERVAL 10 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988

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 0.6.18

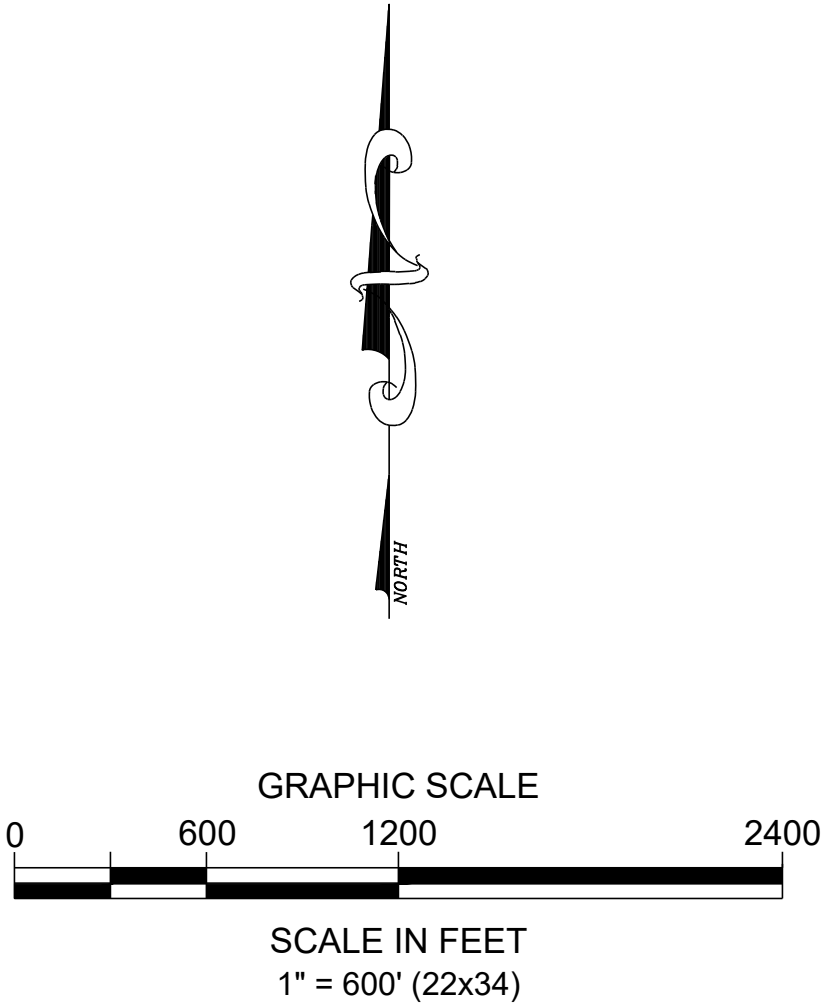


ATTACHMENT 2

AFFECTED LANDOWNERS MAP (FROM ADMINISTRATIVE REPORT 1.1 SEC. 1)



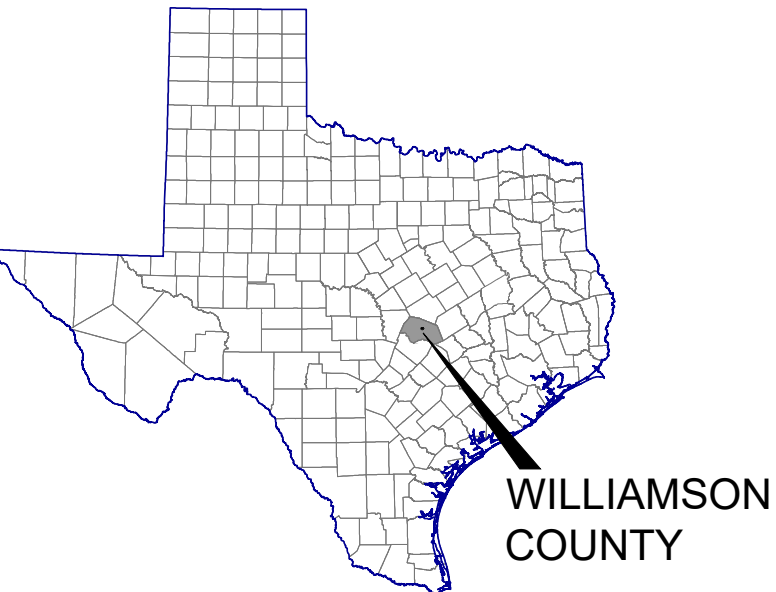
Base Map Source: USGS 7.5 Min Quad Sheet WEIR, TX., 2019.



- LEGEND:**
- PROPOSED WWTP FACILITY PROPERTY BOUNDARY
 - PROPOSED WEIR SUBDIVISION BOUNDARY
 - DISCHARGE ROUTE
 - AFFECTED LANDOWNER
 - 1 AFFECTED LANDOWNER ID (SEE CROSS-REFERENCED LANDOWNER LIST)

CROSS-REFERENCED LANDOWNER LIST:

- LIESE, MILTON & ELIZABETH - 1086 BOOTYS CROSSING RD GEORGETOWN TX 78628
- DRURY, MATTHEW - 1200 CR 149 GEORGETOWN TX 78626
- DRURY, SARAH & DWAYNE - 1200 COUNTY ROAD 149 GEORGETOWN TX 78628
- SOTELLO, ELAINE & KATHERINE ESCHBERGER - 1501 COUNTY ROAD 149 GEORGETOWN TX 78626
- LIESE, MILTON & ELIZABETH - 1086 BOOTYS CROSSING RD GEORGETOWN TX 78628
- BULGERIN, ALICE GRACE - 1611 MEADOW LN TAYLOR TX 76574
- BULGERIN, TIMOTHY JAMES - PO BOX 853 HUTTO TX 78634
- BUCHHORN, RYAN D & DUSTIE D - 1760 FM 1105 GEORGETOWN TX 78626
- BUCHHORN, EUGENE L & DIANNE I - 4450 FM 1105 GEORGETOWN TX 78626
- JERNEY, CHARLES A & JUNE E - 1576 FM 1105 GEORGETOWN TX 78626
- BUCHHORN MELVIN & DOROTHY TRUST OF BUCHHORN FAMILY TRUST - 1551 FM 1105 GEORGETOWN TX 78626
- STROUD, DUSTIN B - 1526 FM 1105 GEORGETOWN TX 78626
- ARNOLD, TOMMY & MAGGI ARNOLD DALLE - 3724 WETLAND DR PFLUGERVILLE TX 78660
- MERKORD, JUSTIN R & LAINA - 105 COUNTY ROAD 153 GEORGETOWN TX 78626
- WATKINS, NICOLE M & JOHN S - 51 COUNTY ROAD 153 GEORGETOWN TX 78626
- CANALES, RAFAEL & CONCEPCION - 40 CR 153 GEORGETOWN TX 78626
- FULLER, JENNIFER D & DANA E - 1190 FM 1105 GEORGETOWN TX 78626
- WRIGHT DAVID N & NOVA L - 211 2ND ST JARRELL TX 76537
- ORTEGA, MARTHA - 140 SPUR 155 N GEORGETOWN TX 78626
- WEIR 417 LP - 13010 RESEARCH BLVD # 104 AUSTIN TX 78750
- HOWARD JERRY N & MARTHA J TR OF JERRY AND MARTHA HOWARD TRUST - 5770 WINFIELD BLVD SPC 63 SAN JOSE CA 95123
- HOWARD JERRY N & MARTHA J TR OF JERRY AND MARTHA HOWARD TRUST - 5770 WINFIELD BLVD SPC 63 SAN JOSE CA 95123
- BROWN, JUSTIN THOMAS - PO BOX 64 WEIR TX 78674
- MORRISEY, ANN LEE & ET AL - 19631 ENCINO WAY SAN ANTONIO TX 78259
- WEIR CONSOLIDATED INVESTMENTS LLC-SERIES B - PO BOX 250 WEIR TX 78674
- MARCHIONI, KENNETH P & NANCY N KIDD - 18959 RANCH RD 2242 MASON TX 76856
- WEIR CONSOLIDATED INVESTMENTS LLC SERIES A - PO BOX 250 WEIR TX 78674
- KAMMA, CHALAPATHIRAO & SANGEETA MANNEPALLI - 107 FAROLA CV ROUND ROCK TX 78681
- SOUTHWESTERN UNIVERSITY - PO BOX 542016 OMAHA NE 68154



ATTACHMENT 2

**AFFECTED LANDOWNER'S MAP
WEIR SUBDIVISION
PROPOSED WWTP
WILLIAMSON COUNTY, TEXAS**

MRB group

MRB Group, P.C.
8834 N. Capital of Texas Highway, Suite 220, Austin, Texas 78759
Phone: (512) 436-8571
303 W. Calhoun Avenue, Temple, Texas 76501 Phone: (254) 771-2054
TBPELS Firm Number: F-10615
www.mrbgroup.com

Date: 04/21/2022 Drawn By: RPS Project No.: 4913.21001

Cross-referenced Landowner List

1. LIESE, MILTON & ELIZABETH - 1086 BOOTYS CROSSING RD GEORGETOWN TX 78628
2. DRURY, MATTHEW - 1200 CR 149 GEORGETOWN TX 78626
3. DRURY, SARAH & DWAYNE - 1200 COUNTY ROAD 149 GEORGETOWN TX 78626
4. SOTELLO, ELAINE & KATHERINE ESCHBERGER - 1501 COUNTY ROAD 149 GEORGETOWN TX 78626
5. LIESE, MILTON & ELIZABETH - 1086 BOOTYS CROSSING RD GEORGETOWN TX 78628
6. BULGERIN, ALICE GRACE - 1611 MEADOW LN TAYLOR TX 76574
7. BULGERIN, TIMOTHY JAMES - PO BOX 853 HUTTO TX 78634
8. BUCHHORN, RYAN D & DUSTIE D - 1760 FM 1105 GEORGETOWN TX 78626
9. BUCHHORN, EUGENE L & DIANNE I - 4450 FM 1105 GEORGETOWN TX 78626
10. JERNEY, CHARLES A & JUNE E - 1576 FM 1105 GEORGETOWN TX 78626
11. BUCHHORN MELVIN & DOROTHY TRUST OF BUCHHORN FAMILY TRUST - 1551 FM 1105 GEORGETOWN TX 78626
12. STROUD, DUSTIN B - 1526 FM 1105 GEORGETOWN TX 78626
13. ARNOLD, TOMMY & MAGGI ARNOLD DALLE - 3724 WETLAND DR PFLUGERVILLE TX 78660
14. MERKORD, JUSTIN R & LAINA - 105 COUNTY ROAD 153 GEORGETOWN TX 78626
15. WATKINS, NICOLE M & JOHN S - 51 COUNTY ROAD 153 GEORGETOWN TX 78626
16. CANALES, RAFAEL & CONCEPCION - 40 CR 153 GEORGETOWN TX 78626
17. FULLER, JENNIFER D & DANA E - 1190 FM 1105 GEORGETOWN TX 78626
18. WRIGHT DAVID N & NOVA L - 211 2ND ST JARRELL TX 76537
19. ORTEGA, MARTHA - 140 SPUR 155 N GEORGETOWN TX 78626
20. WEIR 417 LP - 13010 RESEARCH BLVD # 104 AUSTIN TX 78750
21. HOWARD JERRY N & MARTHA J TR OF JERRY AND MARTHA HOWARD TRUST - 5770 WINFIELD BLVD SPC 63 SAN JOSE CA 95123
22. HOWARD JERRY N & MARTHA J TR OF JERRY AND MARTHA HOWARD TRUST - 5770 WINFIELD BLVD SPC 63 SAN JOSE CA 95123
23. BROWN, JUSTIN THOMAS - PO BOX 64 WEIR TX 78674
24. MORRISEY, ANN LEE & ET AL - 19631 ENCINO WAY SAN ANTONIO TX 78259
25. WEIR CONSOLIDATED INVESTMENTS LLC-SERIES B - PO BOX 250 WEIR TX 78674
26. MARCHIONI, KENNETH P & NANCY N KIDD - 18959 RANCH RD 2242 MASON TX 76856
27. WEIR CONSOLIDATED INVESTMENTS LLC SERIES A - PO BOX 250 WEIR TX 78674
28. KAMMA, CHALAPATHIRAO & SANGEETA MANNEPALLI - 107 FAROLA CV ROUND ROCK TX 78681
29. SOUTHWESTERN UNIVERSITY - PO BOX 542016 OMAHA NE 68154

ATTACHMENT 3

LANDOWNER LABELS & NEIGHBORING WWTP LETTER (FROM TECHNICAL REPORT 1.0 SEC. 2.C)

April 8, 2022

CITY OF GEORGETOWN PECAN BRANCH WWTP
300-1 Industrial Avenue
Georgetown, Texas 78626

Dear TCEQ Wastewater Discharge Permit Holder:

We are sending you this letter on behalf of Vale Building Group, LLC. A subdivision is in development 1,800 feet west of the intersection of Farm-to-Market Road 1105 and Farm-to-Market Road 194, north of the City of Weir, Texas with a projected average daily flow of 0.322 mgd (peak 1.05 mgd). There is plans to construct a WWTP within the development to serve the surrounding homes.

We are required to contact all existing TCEQ Wastewater Discharge Permittees within a three mile radius of the project to inquire if an existing permit holder is willing to provide the additional wastewater treatment capacity needed. According to TCEQ records, you are a permittee having an existing wastewater treatment plant located within three miles of the project and having a TCEQ Waste Discharge Permit. If we find a wastewater treatment plant permit holder within three miles that has 0.322 mgd of capacity available or will expand their facility to make it available, we will conduct a feasibility study to determine if it is cost effective to obtain service from them.

We will appreciate receiving a response from you indicating if 0.322 mgd of wastewater treatment capacity in your facility is available, and if so, under what terms. A handwritten reply on a copy of this letter will be adequate. You may email your response to Aaron.Rojas@mrbgroup.com. Please, feel free to call me at (915) 760-0979 if you have any questions.

Thank you for your assistance.

Sincerely,



Aaron Rojas, P.E.

REPLY

Date of Reply:	Signature:
Name of Permittee:	Printed Name:
Capacity Available (Yes/No)?:	Title:
Terms (if available):	Address:
Address:	Telephone:
	Fax:

ORIGIN IDMMRA (612) 436-8571
KELBY COMBEST
MRB GROUP
8634 N CAP TX HWY, STE 220

SHIP DATE: 08APR22
ACTWGT: 0.13 LB
CAD: 25250076WWSX13600

A N 759
UNITED STATES US

BILL SENDER

S GEORGETOWN PECAN BRANCH WWTP

300 INDUSTRIAL AVE, # 1

2/B

4A

GEORGETOWN TX 78626

(915) 760-0979 REF:
INV: PO: DEPT:



J221822618561uv

TRK# 2718 0685 2924
0201

WED - 13 APR 4:30P
EXPRESS SAVER

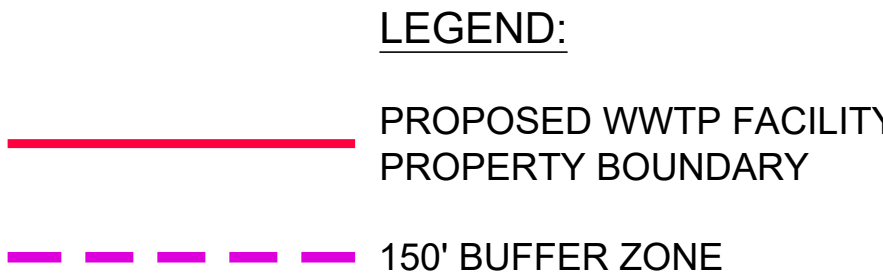
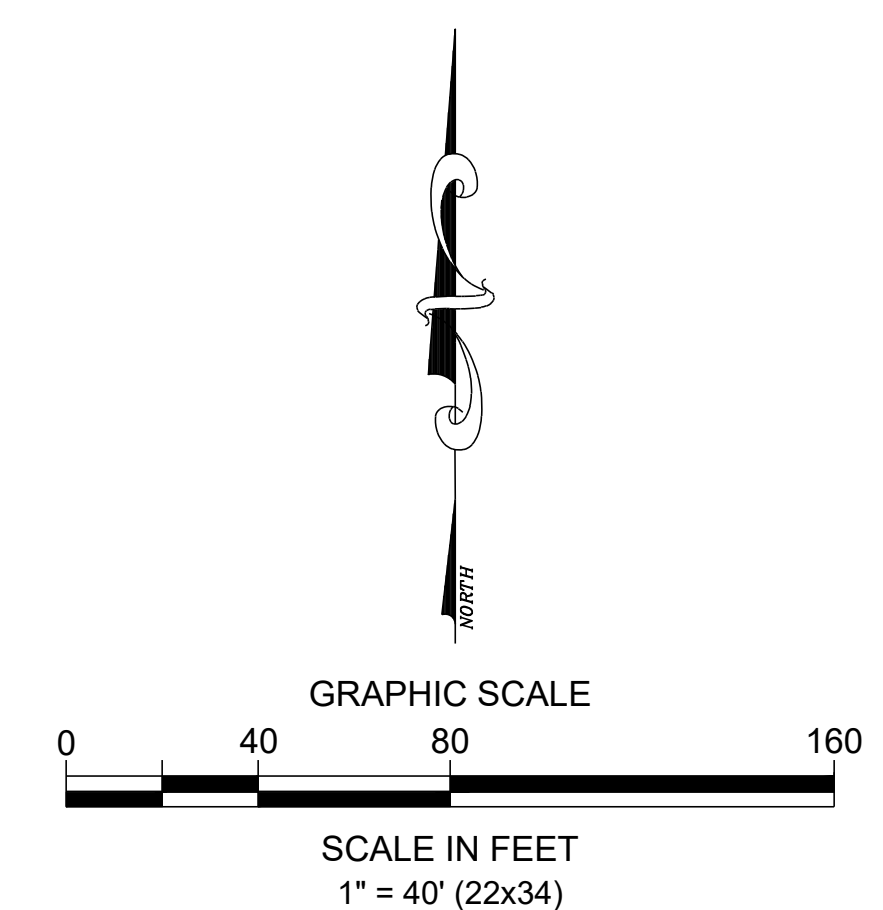
4ZQAUSQ

78626
TX-US AUS



ATTACHMENT 4

BUFFER ZONE MAP (FROM ADMINISTRATIVE REPORT 1.1 SEC. 3)



ATTACHMENT 4

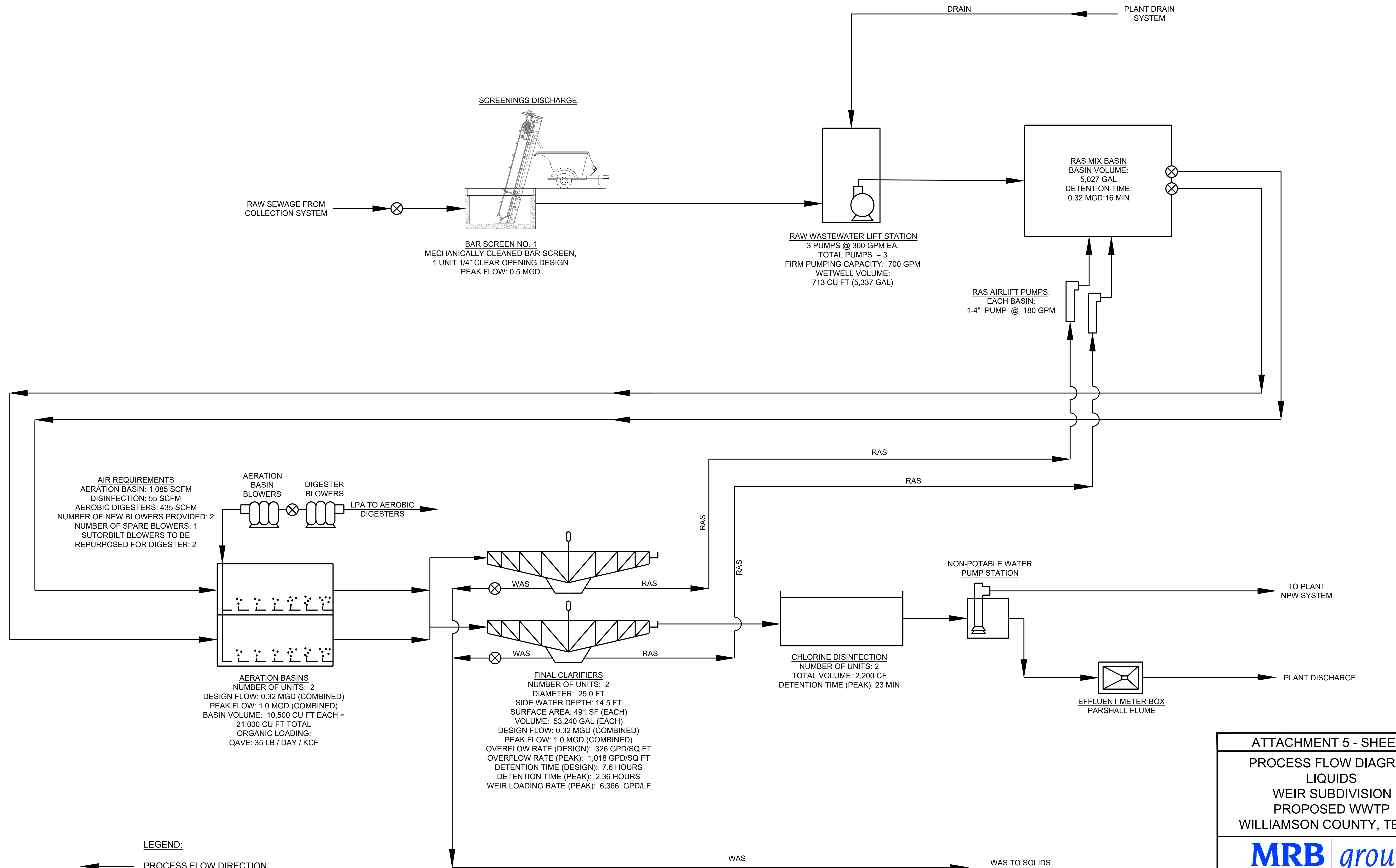
BUFFER ZONE MAP
WEIR SUBDIVISION
PROPOSED WWTP
WILLIAMSON COUNTY, TEXAS



MRB Group, P.C.
 8834 N. Capital of Texas Highway, Suite 220, Austin, Texas 78759
 Phone: (512) 436-8571
 303 W. Calhoun Avenue, Temple, Texas 76501 Phone: (254) 771-2054
 TBPELS Firm Number: F-10615
www.mrbgroup.com

ATTACHMENT 5

FLOW DIAGRAM (FROM TECHNICAL REPORT 1.0 SEC. 2.C)



LEGEND:
PROCESS FLOW DIRECTION
VALVE

ATTACHMENT 5 - SHEET 1

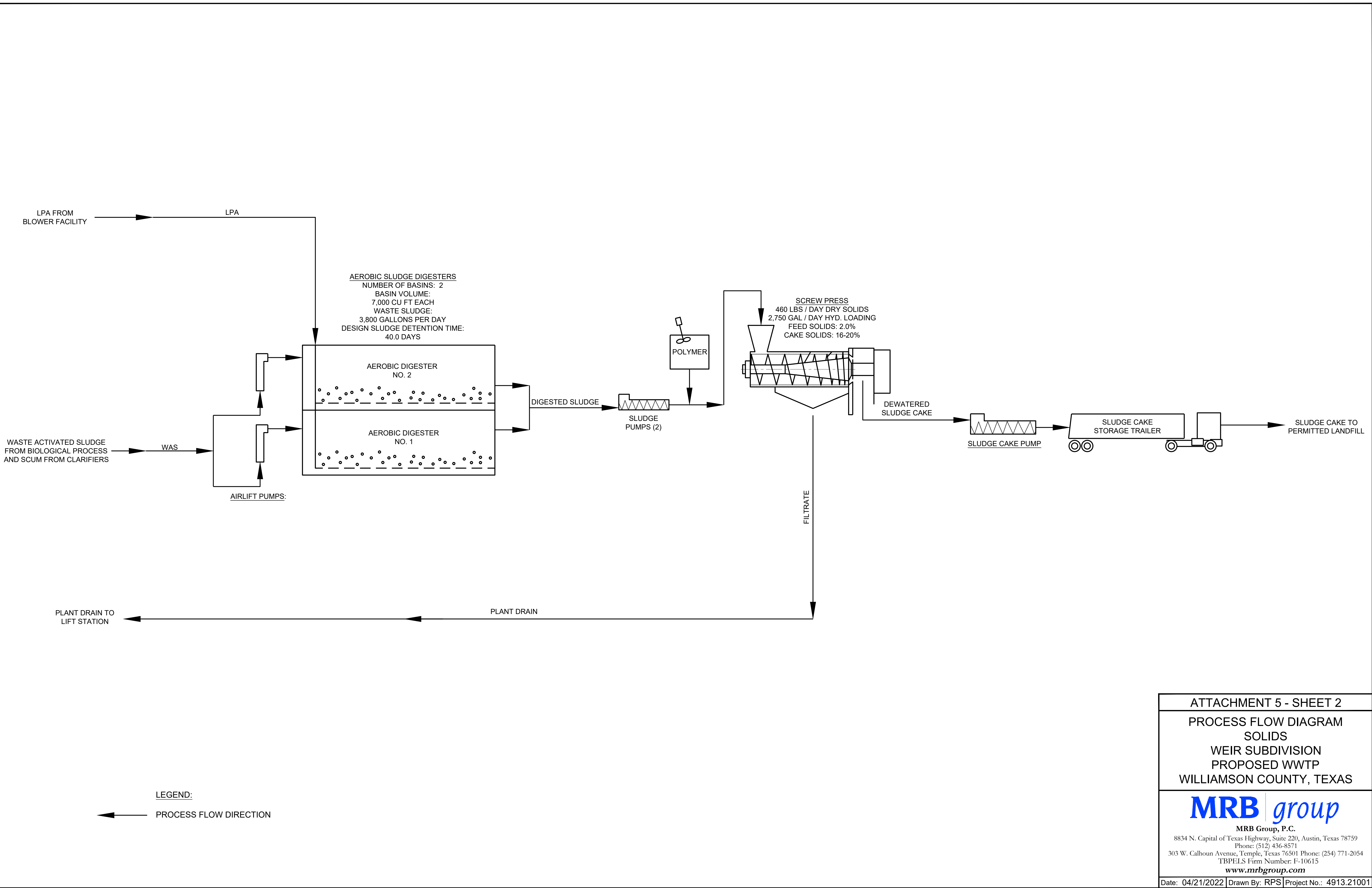
PROCESS FLOW DIAGRAM
LIQUIDS
WEIR SUBDIVISION
PROPOSED WWTP
WILLIAMSON COUNTY, TEXAS

MRBgroup

MRB Group, P.C.
8834 N. Capital of Texas Highway, Suite 220, Austin, Texas 78759
Phone: (512) 436-8571
303 W. Calhoun Avenue, Temple, Texas 76501 Phone: (254) 771-2054
TBPELS Firm Number: F-10615
www.mrbgroup.com

Date: 04/21/2022 | Drawn By: RPS | Project No.: 4913.21001

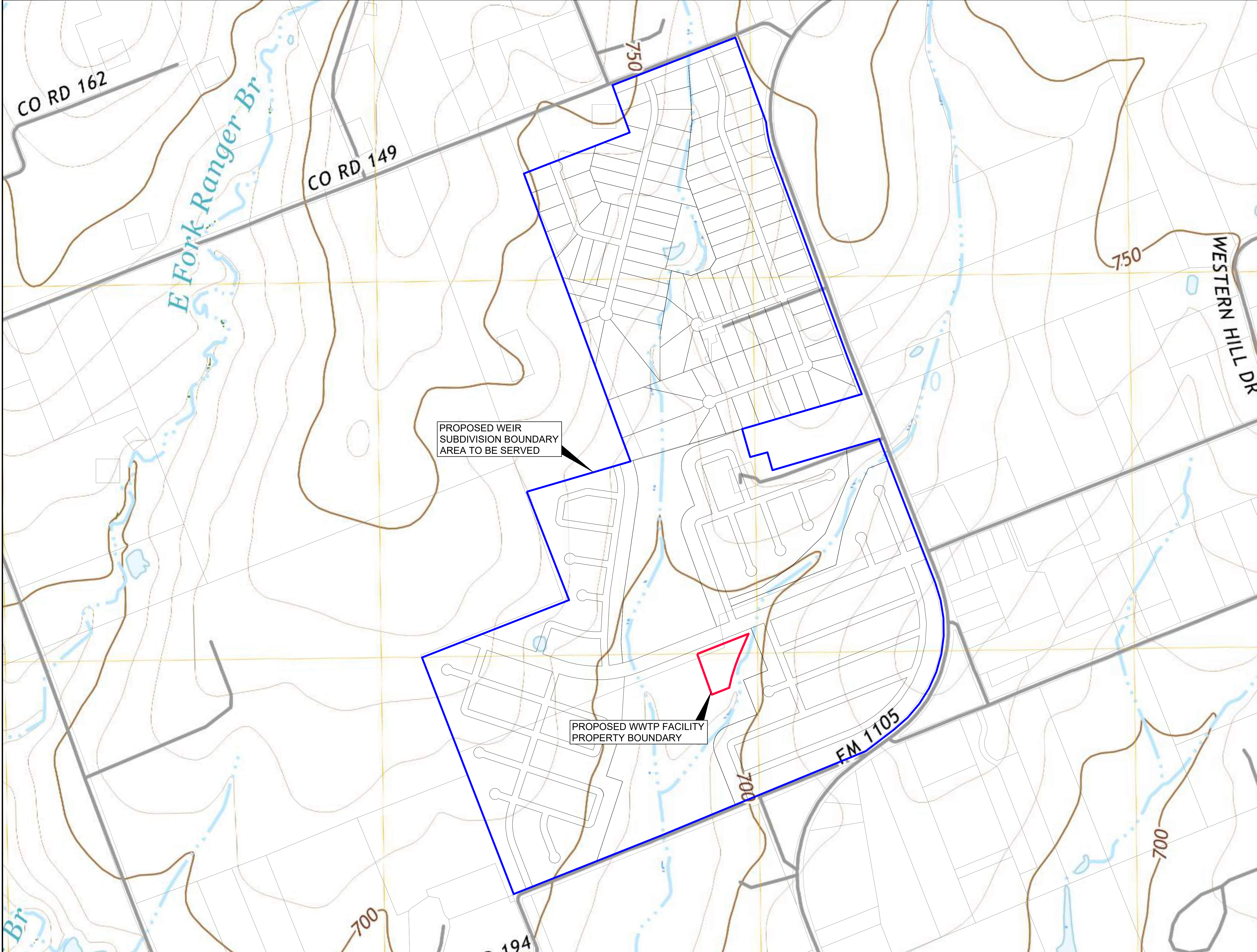
N:\4913.21001\000\dwg\Weir Subdivision Proposed WWTP TPDES Permit App\Weir Subd Prop WWTP Process Flow Diagram.dwg, 5/3/2022 3:41 PM



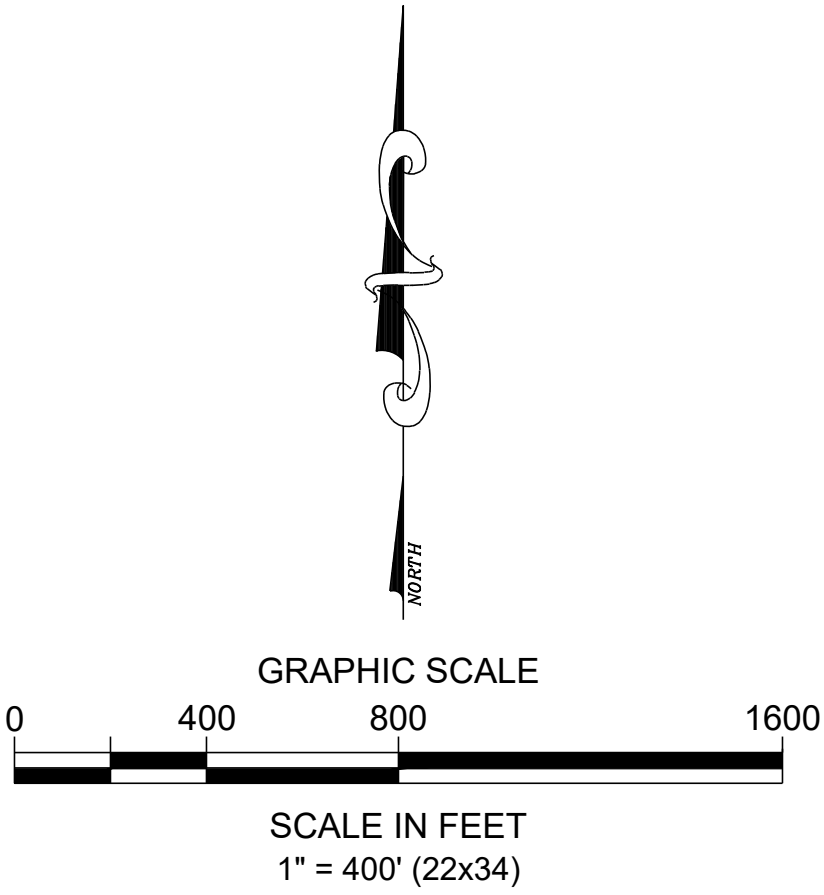
ATTACHMENT 5 - SHEET 2
PROCESS FLOW DIAGRAM SOLIDS WEIR SUBDIVISION PROPOSED WWTP WILLIAMSON COUNTY, TEXAS
<div><div>MRBgroup</div><div>MRB Group, P.C. 8834 N. Capital of Texas Highway, Suite 220, Austin, Texas 78759 Phone: (512) 436-8571 303 W. Calhoun Avenue, Temple, Texas 76501 Phone: (254) 771-2054 TBPELS Firm Number: F-10615 www.mrbgroup.com</div></div>
Date: 04/21/2022 Drawn By: RPS Project No.: 4913.21001

ATTACHMENT 6

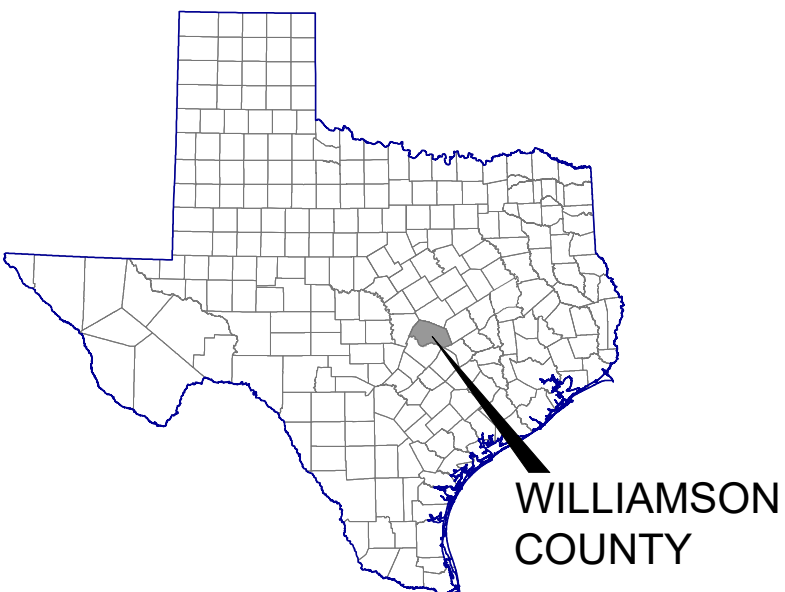
SITE DRAWING (FROM TECHNICAL REPORT 1.0 SEC. 3)



Base Map Source: USGS 7.5 Min Quad Sheet WEIR, TX., 2019.



- LEGEND:
- PROPOSED WWTP FACILITY PROPERTY BOUNDARY
 - PROPOSED WEIR SUBDIVISION BOUNDARY



ATTACHMENT 6

SITE LOCATION MAP
WEIR SUBDIVISION
PROPOSED WWTP
WILLIAMSON COUNTY, TEXAS

MRB | group

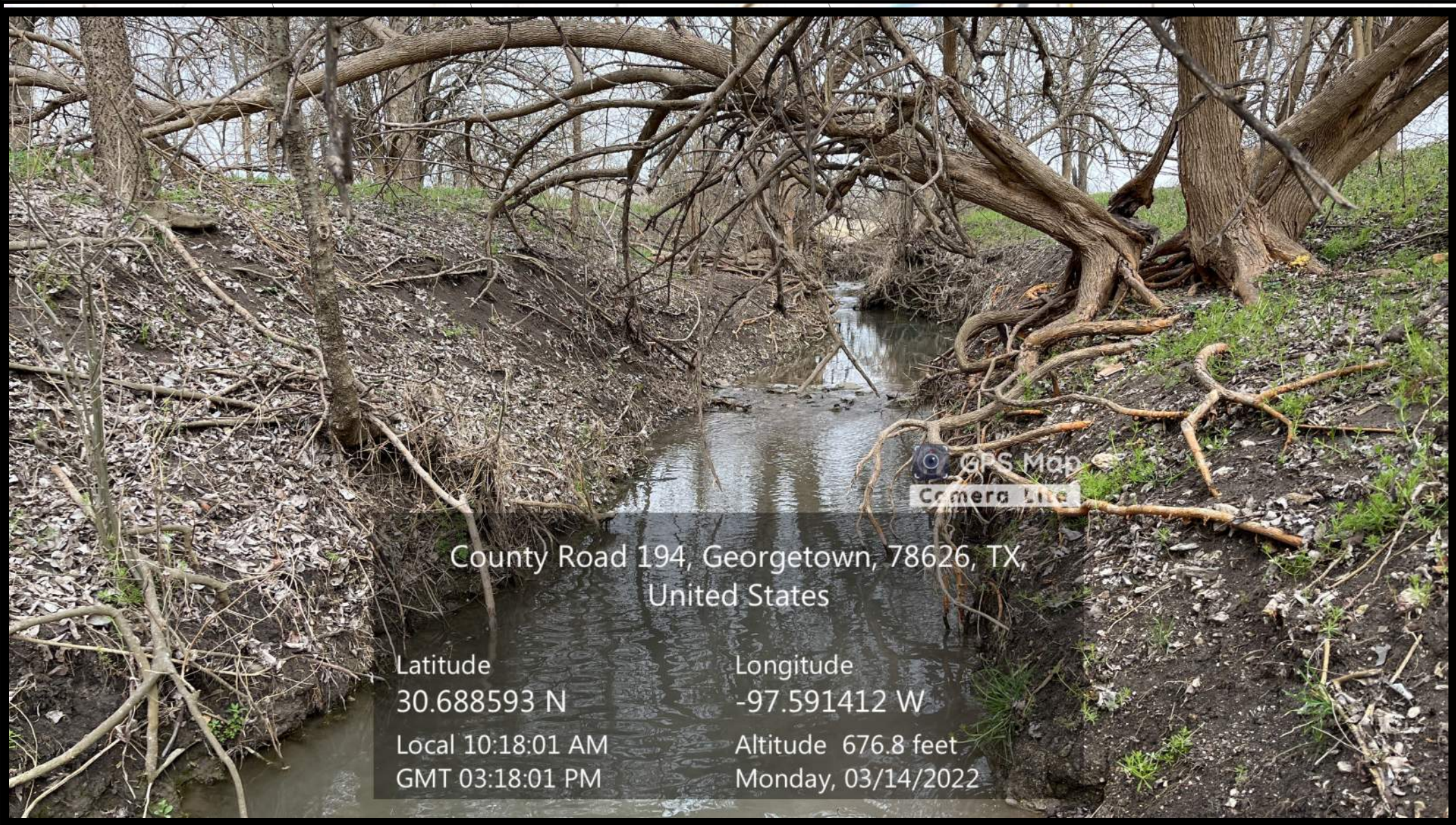
MRB Group, P.C.
8834 N. Capital of Texas Highway, Suite 220, Austin, Texas 78759
Phone: (512) 436-8571
303 W. Calhoun Avenue, Temple, Texas 76501 Phone: (254) 771-2054
TBPELS Firm Number: F-10615
www.mrbgroup.com

Date: 04/21/2022 | Drawn By: RPS | Project No.: 4913.21001

N:\4913.21001\000\dwg\Weir Subdivision Proposed WWTP TPDES Permit App\Weir Subd Prop WWTP Site.dwg, 5/3/2022 3:45 PM

ATTACHMENT 7

**ORIGINAL PHOTOGRAPHS
(FROM ADMINISTRATIVE REPORT 1.1 SEC. 2)**



County Road 194, Georgetown, 78626, TX,
United States

Latitude	Longitude
30.688593 N	-97.591412 W
Local 10:18:01 AM	Altitude 676.8 feet
GMT 03:18:01 PM	Monday, 03/14/2022

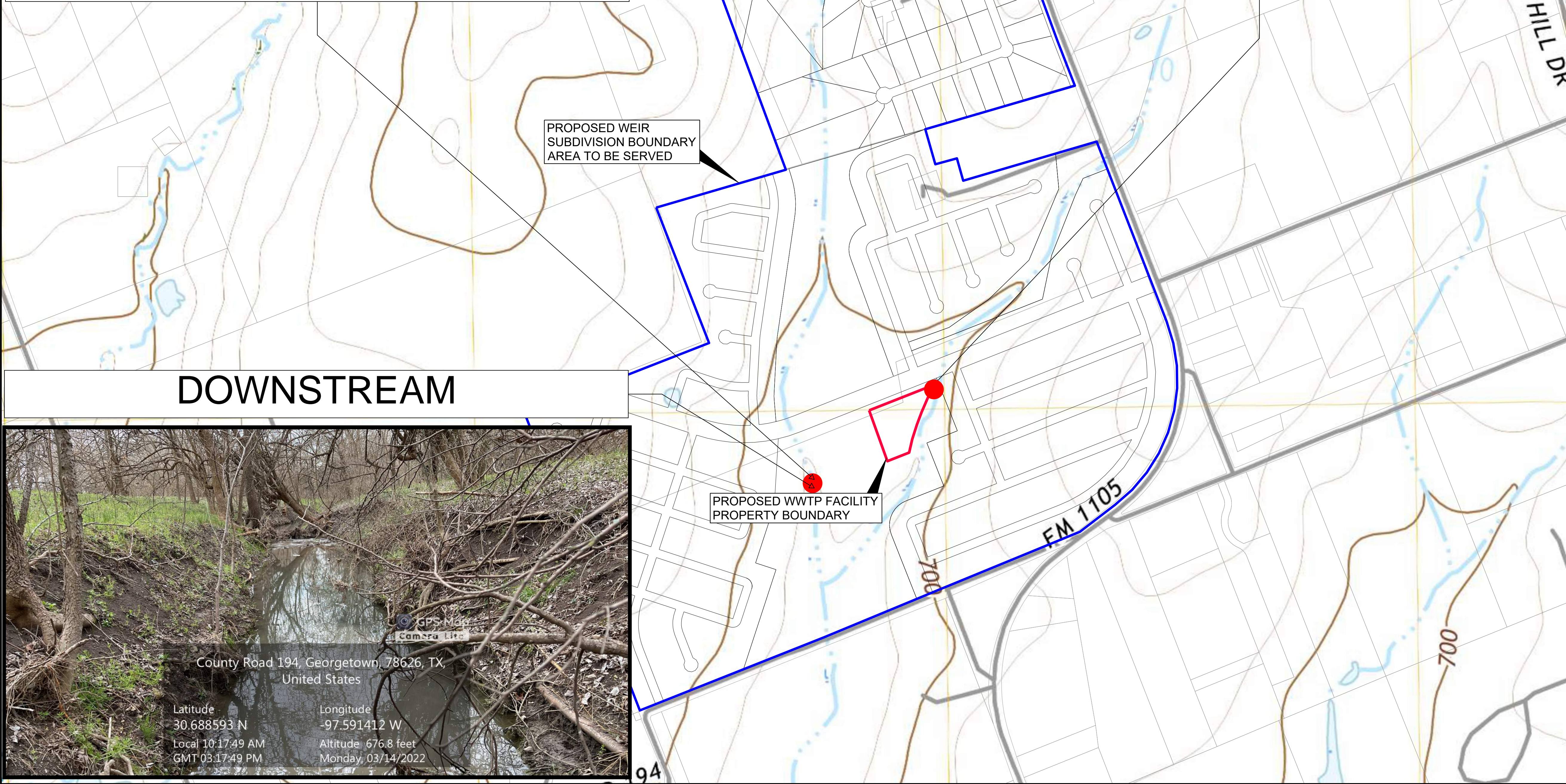
UPSTREAM



County Road 194, Georgetown, 78626, TX,
United States

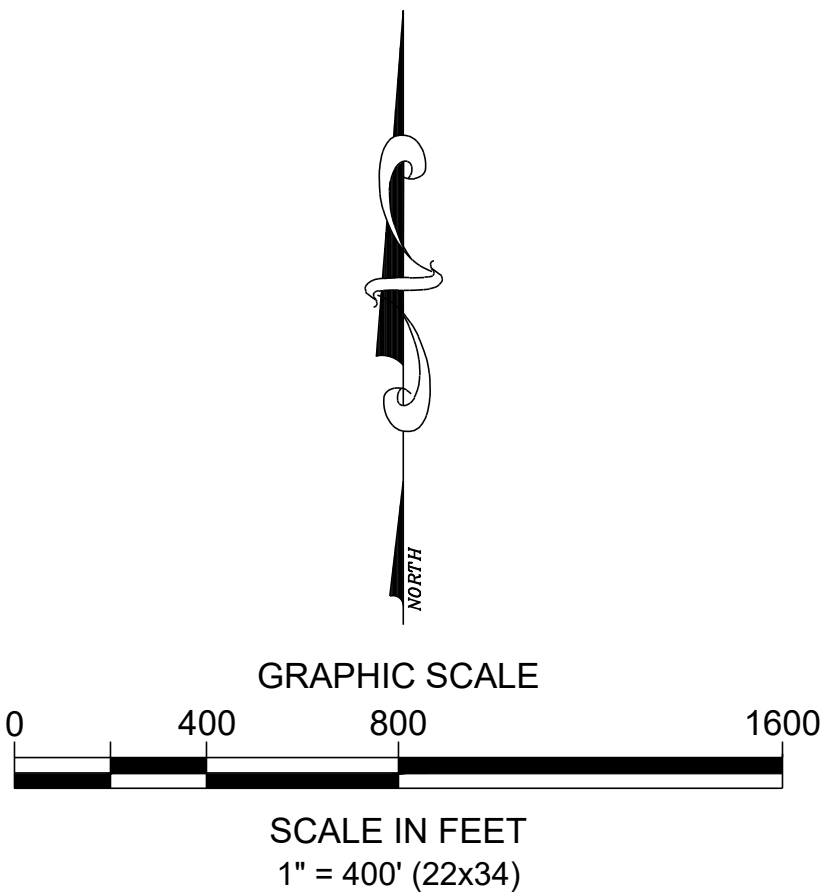
Latitude	Longitude
30.689463 N	-97.590902 W
Local 09:50:40 AM	Altitude 724.28 feet
GMT 02:50:40 PM	Monday, 03/14/2022

WWTP SITE FACING SW

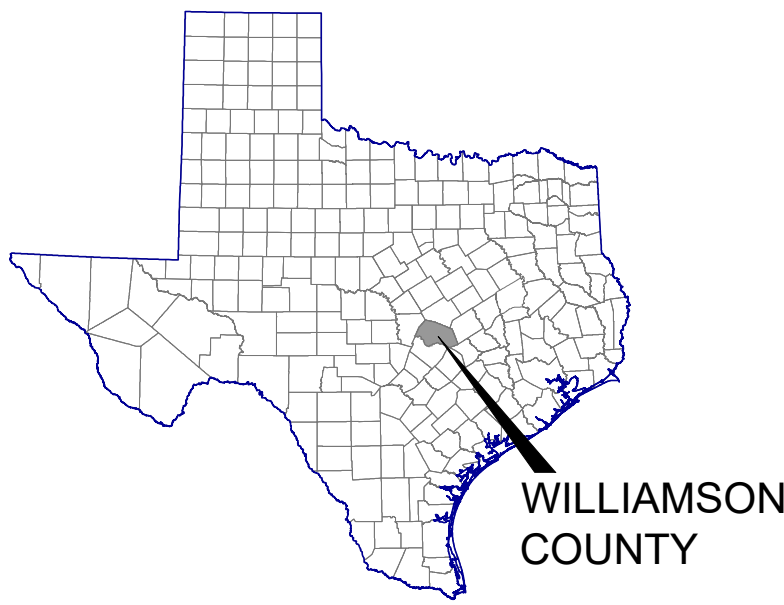


DOWNSTREAM

Base Map Source: USGS 7.5 Min Quad Sheet WEIR, TX., 2019.



- LEGEND:
- PROPOSED WWTP FACILITY PROPERTY BOUNDARY
 - PROPOSED WEIR SUBDIVISION BOUNDARY



ATTACHMENT 7

ORIGINAL PHOTOGRAPH MAP
WEIR SUBDIVISION
PROPOSED WWTP
WILLIAMSON COUNTY, TEXAS

MRB group

MRB Group, P.C.
8834 N. Capital of Texas Highway, Suite 220, Austin, Texas 78759
Phone: (512) 436-8571
303 W. Calhoun Avenue, Temple, Texas 76501 Phone: (254) 771-2054
TBPELS Firm Number: F-10615
www.mrbgroup.com

Date: 04/21/2022 | Drawn By: RPS | Project No.: 4913.21001

ATTACHMENT 8

DESIGN CALCULATIONS (FROM TECHNICAL REPORT 1.1 SEC. 4)

Project: Weir Subdivision Wastewater Treatment
Plant (0.32 mgd) Vale Building Group, LLC

Engineer: MRB Group
8834 N Capital of Texas
Hwy, Suite 220
Austin, Texas 78759

Prepared: April 04, 2022

Design Parameters

Permitted Flows:

Average Daily Flow =	0.32 mgd	=	224 gpm (Qavg)
Peak Factor =	3.25		
2-hour Peak Flow =	1.05 mgd	=	727 gpm (Qpk)

Waste Strength:

CBOD5 =	250 mg/l =	671 ppd
TSS =	250 mg/l =	671 ppd
NH3-N =	50 mg/l =	134 ppd
Total P =	mg/l =	0 ppd

Effluent Limitations:

CBOD5 =	10 mg/l
TSS =	15 mg/l
NH3-N =	3 mg/l
Total P =	mg/l
D.O. =	4 mg/l

Process Description

The treatment process will include preliminary treatment (screening), Enhanced Secondary Treatment (Aeration and Clarification) and Disinfection. Flow metering will be performed following the final treatment unit. Process sensors for aeration dissolved oxygen and mixed liquor suspended solids will be included.

Subdivision Flow Projections

1 Lot = 1 LUE
 1 LUE = 280 gpd flow
 920 Projected Lots
 Projected Average daily flow, gpd 257,600
 Projected Average daily flow, MGD 0.26

Notes

Currently the projected average daily flow is 0.26 MGD. Designing for 0.32 MGD will provide the required capacity while also allowing room for expansion, assuming BOD 250 mg/L. Alternatively, BOD could be as high as 500 mg/L and the calculated dimensions herein (21,000 cf aeration) are adequate.

RAS Mix

Target Detention, min	16
Q RAS, gpm	335
QRAS, gpm per basin	168
Q Plant, gpm	224
Qtotal	559
Q, ft ³ / min	75
SWD	14
L	10
W	8
V given, ft ³	1,120
V required, ft ³	1,196
V given, gal	8,378

Process Aeration

Process Criteria

Organic Loading = 35 lbs BOD5/1,000 cf
Oxygen Requirement = 1.5 lbs/lb BOD5
4.6 lbs/lb NH3 - N

Volume Required

Influent BOD5 = 671 ppd
Minimum Volume = 19,182 cf

Basin Dimensions

Number of Basins = 2
Sidewater Depth = 14.00 ft
Basin Length = 30.00 ft
Basin Width = 25.00 ft
Actual Basin Volume = 21,000 cf

Actual Loading

Organic Loading = 32 lbs BOD5/1,000 cf

Oxygen Requirement

Carbonaceous Oxygen = 1,007 lbs/day
Nitrogenous Oxygen = 618 lbs/day
Total Actual Oxygen = 1,625 lbs/day
AOR/SOR = 0.65

Airflow Requirement

Clean Water Transfer = 9.28%
Required Airflow = 1,085 scfm

Aeration System

Number of Diffusers = 64
Airflow per Diffuser = 17.0 scfm/diffuser
Diffuser Submergence = 13.25 ft

Secondary Clarification

Process Criteria

Surface Loading =	600 gpd/sf @ average flow 1,200 gpd/sf @ peak flow
Detention Time =	3.00 hrs @ average flow 1.80 hrs @ peak flow
R.A.S. Rate =	150%

Basin Requirements

@ Average Flow =	537 sf 5,381 cf
@ Peak Flow =	872 sf 10,493 cf
Number of Basins =	2
Minimum Diameter =	24 ft

Basin Dimensions

Basin Diameter =	25 ft
Sidewater Depth =	14.00 ft
Actual Surface Area =	491 sf
Actual Volume =	6,872 cf

Actual Surface Loading

@ Average Flow =	328 gpd/sf
@ Peak Flow =	1,066 gpd/sf

Actual Detention Time

@ Average Flow =	7.66 hrs
@ Peak Flow =	2.36 hrs

Disinfection

Process Criteria

Detention Time =	20 min @ peak flow
Airflow =	25 scfm/1,000 cf

Volume Required

Peak Flow =	727 gpm
Minimum Volume =	1,943 cf

Basin Dimensions

Number of Basins =	2
Sidewater Depth =	11.00 ft @ peak flow
Basin Length =	25.00 ft
Basin Width =	4.00 ft
Actual Basin Volume =	2,200 cf

Aeration System

Airflow =	55 scfm
Number of Diffusers =	8
Airflow per Diffuser =	6.9 scfm/diffuser
Diffuser Submergence =	10.25 ft

Solids Handling

Process Criteria

Sludge Production =	0.65 lbs sludge/lb BOD5 0.30 lbs sludge/lb TSS
W.A.S. Concentration =	0.80%
Digester Concentration =	2.00%
Sludge Retention Time =	40 days
Min. Digester Temperature =	20 °C
Oxygen Requirement =	2.0 lbs/lb VSR
Airflow =	30 scfm/1,000 cf
TCEQ Volume Required =	20 cf/lb BOD5

W.A.S. Calculations

Influent BOD5 =	671 lbs/day
Influent TSS =	671 lbs/day
Waste Sludge =	638 lbs/day
Waste Sludge =	3,824 gal/day
Volatile Fraction =	0.68 (estimated)
Temperature x S.R.T. =	800 °C x days
Volatile Solids Reduction =	42%
<or>	180 lbs/day
Digested Sludge =	457 lbs/day

Volume Required

Sludge Mass =	18,295 lbs @ 40 days
Minimum Volume =	14,660 cf @ 2.00%
TCEQ Minimum Volume =	13,427 cf

Basin Dimensions

Number of Basins =	2
Sidewater Depth =	12.50 ft
Basin Length =	25.00 ft
Basin Width =	22.50 ft
Actual Basin Volume =	14,063 cf

Aeration Calculations

Oxygen Required =	361 lbs/day
AOR/SOR =	0.65
Clean Water Transfer =	9.28%
Required Airflow =	241 scfm
Minimum Airflow =	422 scfm

Solids Handling - Continued

Aeration System

Number of Diffusers =	24
Airflow per Diffuser =	17.6 scfm/diffuser
Diffuser Submergence =	12.50 ft

Solids Dewatering

Digested Dry Solids (lbs/d)=	457
Digested Sludge to Press (lbs DS/hr)=	60
Press Hydraulic Loading (gpm max)=	33
Wet Solids, Pressed @ 16% (lbs/d)=	2,859
Wet Solids, Pressed @ 16% (tons/month)=	44
Wet Solids, Pressed @ 16% (yd ³ /d)=	1.70
Wet Solids @ 16% (yd ³ /month)=	53

ATTACHMENT 9

SEWAGE SLUDGE SOLIDS MANAGEMENT PLAN (FROM TECHNICAL REPORT 1.1 SEC. 7)

Attachment 9 – Sewage Sludge Solids Management Plan

Influent Design Flow = 0.322 mgd

Influent BOD Concentration = 250 mg/L

Aerobic Digester Volume: 104,720 gallons

Aeration Basin MLSS: 2,000 to 3,000 mg/L

Sludge Production

Solids Generated	100% flow	75% flow	50% flow	25% flow
Pounds Influent BOD ₅	671	503	336	168
Pounds of digested dry sludge produced*	457	343	229	114
Pounds of wet sludge produced	2,859	2144	1430	715
Gallons of wet sludge produced	343	257	172	86

***Assuming 0.65 pounds of digested dry sludge produced per pound of influent BOD₅ at average temperatures of 20 °C 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.

Sludge Removal Schedule

Removal Schedule (days)	100% flow	75% flow	50% flow	25% flow
Days between Sludge Removal	7	10	14	30

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 104,720 gal will be approximately 305 days at 100% capacity and annual average digested sludge production of 457 ppd. The digested sludge will be transported by registered hauler, Texas Disposal Systems City of Georgetown Transfer Station, Registration # 466A to Texas Disposal Systems Landfill, Permit No. 2123 in Travis County.

ATTACHMENT 10

CORE DATA FORM



TCEQ Use Only

TCEQ Core Data Form

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

SECTION I: General Information

1. Reason for Submission (If other is checked please describe in space provided.)		
<input checked="" type="checkbox"/> New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
<input type="checkbox"/> Renewal (Core Data Form should be submitted with the renewal form)	<input type="checkbox"/> Other	
2. Customer Reference Number (if issued)	Follow this link to search for CN or RN numbers in Central Registry**	3. Regulated Entity Reference Number (if issued)
CN 604294330		RN

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)	
<input type="checkbox"/> New Customer		<input type="checkbox"/> Update to Customer Information	
<input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)		<input type="checkbox"/> Change in Regulated Entity Ownership	
The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).			
6. Customer Legal Name (If an individual, print last name first: eg: Doe, John)		If new Customer, enter previous Customer below:	
Vale Building Group, LLC			
7. TX SOS/CPA Filing Number	8. TX State Tax ID (11 digits)	9. Federal Tax ID (9 digits)	10. DUNS Number (if applicable)
801344313	32043056715	27-4037216	
11. Type of Customer:	<input checked="" type="checkbox"/> Corporation	<input type="checkbox"/> Individual	Partnership: <input type="checkbox"/> General <input type="checkbox"/> Limited
Government: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> Other	<input type="checkbox"/> Sole Proprietorship	<input type="checkbox"/> Other:	
12. Number of Employees		13. Independently Owned and Operated?	
<input checked="" type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following			
<input type="checkbox"/> Owner <input type="checkbox"/> Operator <input checked="" type="checkbox"/> Owner & Operator			
<input type="checkbox"/> Occupational Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> Voluntary Cleanup Applicant <input type="checkbox"/> Other:			
15. Mailing Address:	1165 N Patterson Ave		
	City	Florence	State TX ZIP 76527 ZIP + 4
16. Country Mailing Information (if outside USA)		17. E-Mail Address (if applicable)	
18. Telephone Number	19. Extension or Code	20. Fax Number (if applicable)	
(254) 394-3740		() -	

SECTION III: Regulated Entity Information

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

000085

23. Street Address of the Regulated Entity: <i>(No PO Boxes)</i>							
	City		State		ZIP		ZIP + 4
24. County							

Enter Physical Location Description if no street address is provided.

25. Description to Physical Location:	The facility will be located on the northern property 1,615 ft northwest of the intersection of FM Road 1105 and FM Road 194, north of the City of Weir, Texas.							
26. Nearest City	Weir				State	TX	Nearest ZIP Code	78626
27. Latitude (N) In Decimal:	30.689117			28. Longitude (W) In Decimal:	-97.591367			
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds			
30	41	20.82	-97	35	28.92			
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	NA		221320		NA			
33. What is the Primary Business of this entity? <i>(Do not repeat the SIC or NAICS description.)</i>								
Treat raw sewage from the surrounding development								
34. Mailing Address:	1165 N Patterson Ave							
	City	Florence	State	TX	ZIP	76527	ZIP + 4	
35. E-Mail Address:	joshuadwelch1010@outlook.com							
36. Telephone Number		37. Extension or Code			38. Fax Number <i>(if applicable)</i>			
(254) 394-3740					() -			

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"/> Waste Water	<input type="checkbox"/> Wastewater Agriculture	<input type="checkbox"/> Water Rights	<input type="checkbox"/> Other:

SECTION IV: Preparer Information

40. Name:	Aaron Rojas	41. Title:	Civil Engineer
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
(512) 436-8571		() -	aaron.rojas@mrbgroup.com

SECTION V: Authorized Signature

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

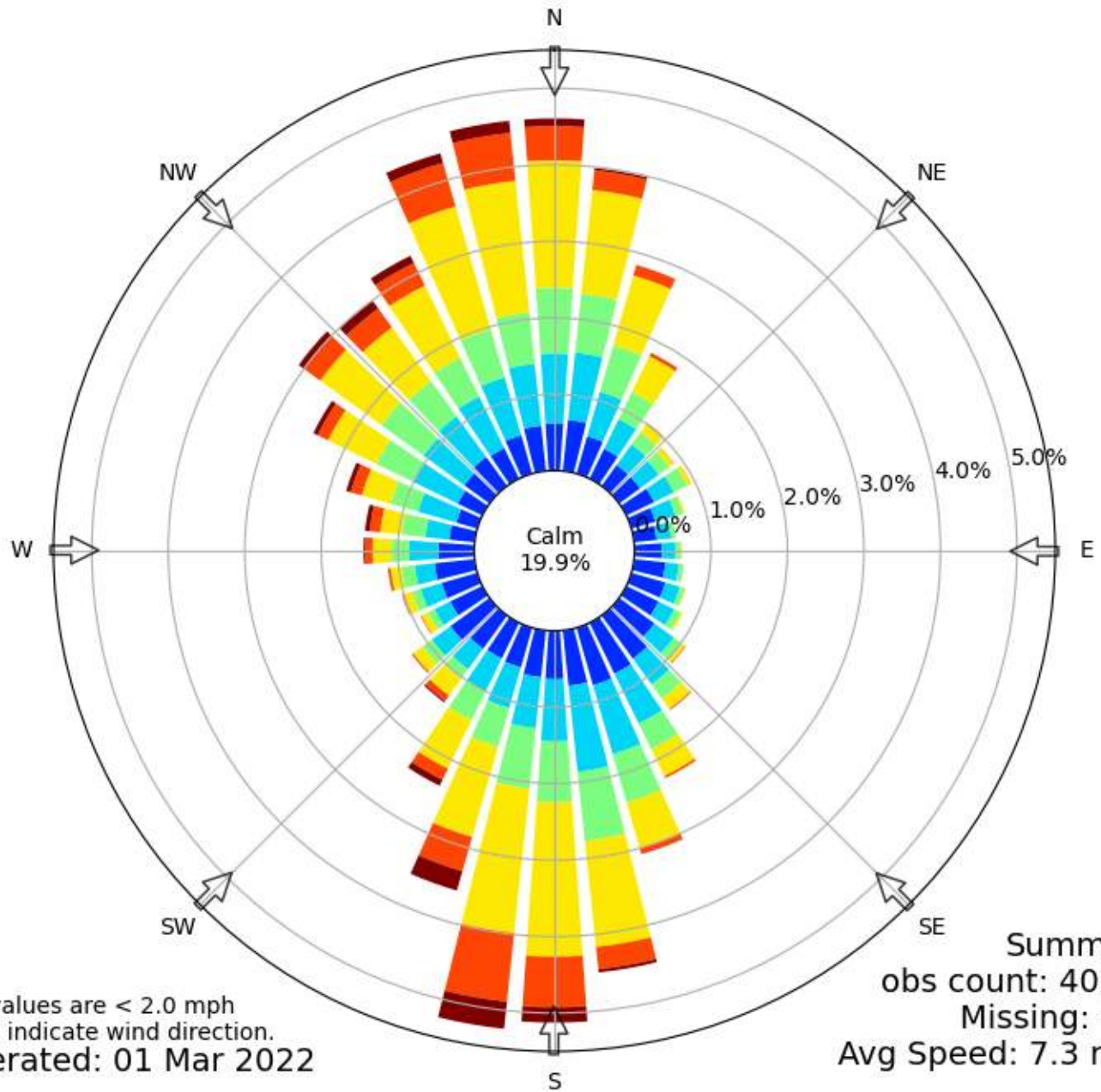
Company:	Vale Building Group, LLC	Job Title:	President
Name (In Print):	Edwin Vale	Phone:	(254) 394- 3740
Signature:		Date:	8-25-22

ATTACHMENT 11

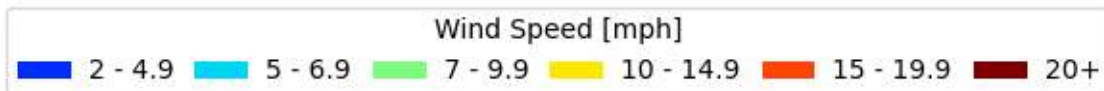
WIND ROSE DIAGRAM (FROM TECHNICAL REPORT 1.1 SEC. 5.B)



[GTU] GEORGETOWN (AWOS)
Windrose Plot [Time Domain: Dec,]
Time Bounds: 31 Dec 1991 06:00 PM - 31 Dec 2021 11:56 PM America/Chicago



Calm values are < 2.0 mph
Arrows indicate wind direction.
Generated: 01 Mar 2022



September 23, 2022

Applications Review and Processing Team (MC-148)
Texas Commission on Environmental Quality
Water Quality Division
Building F, Room 2101
12100 Park 35 Circle
Austin, Texas 78753

**RE: APPLICATION FOR PROPOSED PERMIT NO. WQ0016212001
VALE BUILDING GROUP, LLC (CN604294330, RN111565321)**

Dear Ms. Wilkins:

On September 14, 2022 MRB Group received the Notice of Deficiency letter for the above referenced permit renewal application. Below you will find our response to the items in the letter:

1. **MRB Response:** Section II No. 4 of the Core Data Form has been revised.
2. **MRB Response:** Email address has been added to Section II No. 17 of the Core Data Form.
3. **MRB Response:** Confirming that we do not need to publish notice in any alternative language
4. **MRB Response:** Corrected to say N/A.
5. **MRB Response:** Corrected to say N/A.
6. **MRB Response:**
 - a. The highlight portion circled in red does not have a landowner associated with it as that portion is the Right of Way.
 - b. The parcel around the facility within the proposed weir subdivision is owned by the applicant.
 - c. Property lines have been edited to be more visible.
 - d. Mailing labels have been corrected (word doc attached).
7. **MRB Response:** Information stated is correct.
8. **MRB Response:** PLS completed and attached.



Ms. Sheila Wilkins
Applications Review and Processing Team (MC-148)
RE: APPLICATION FOR PROPOSED PERMIT NO. WQ0016212001
September 23, 2022
Page 2 of 2

If you have any questions or comments, or need any additional information, please feel free to contact me at 512-436-8571 or via e-mail at aaron.rojas@mrbgroup.com.

Sincerely,

A handwritten signature in blue ink, appearing to be "A. Rojas", written over a light blue horizontal line.

Aaron Rojas, P.E.
MRB Group, P.C.

Jon Niermann, *Chairman*
Emily Lindley, *Commissioner*
Bobby Janecka, *Commissioner*
Toby Baker, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

September 14, 2022

Mr. Aaron Rojas, P.E.
Civil Engineer
MRB Group
8834 North Capital of Texas Highway, Suite 220
Austin, TX 78759

VIA EMAIL

Re: Application for proposed Permit No. WQ0016212001 (EPA I.D. No. TX0143421)
Issued to Vale Building Group, LLC
CN604294330, RN111565321

Dear Mr. Rojas:

We have received the application for the above proposed referenced permit, and it is currently under review. Your attention to the following items is requested before we can declare the application administratively complete. Please submit one original and two copies (including a cover letter) of the complete response.

1. **Core Data Form section II no 4**
There was no selection mark for number 4, please select the type of customer and send a revise page
2. **Core Data Form section II no. 17**
There was no email address listed for no. 17, please list the email for Mr. Edwin Vale and send a revise page
3. **Admin Report section 8 E**
Please confirm that you do not need to publish notice in any alternative language.
4. **Admin Report section 9 E**
You have marked the owner of the effluent disposal site is Vale Building Group, LLC, however on the application checklist you selected "no" to worksheets 3.0, 3.1, 3.2, 3.3, which are the forms required for land disposal of effluent, please confirm you are not requesting land disposal of effluent, and mark this question N/A, and send a revise page, if you are in fact needing land disposal of effluent, please complete the appropriate worksheets 3.0, 3.1, 3.2, or 3.3.
5. **Admin Report section 9 F**
You marked the owner of sewage sludge disposal site is Vale Building Group, LLC, if you are seeking a sewage sludge provision, please submit sludge form 10451 or sludge form 10056, which ever is unique to your sludge process, if you are not seeking a sludge provision, please mark N/A and submit a revise page.
6. **Domestic Administrative Report 1.1 Affected Landowners Map**
-Please see the attached landowners map highlighted area and circled in red, is there a name for the landowner of this parcel, if so please mark and update map, cross reference landowner list and labels.
-Is the parcel around the facility within the proposed weir subdivision own by the

applicant, or are each of those parcels owned by different individuals? If the parcels are owned by the applicant the map that you have provide is sufficient, if the applicant does not own the parcels in the subdivision, then all properties adjacent to any of the applicant's contiguous properties should be labeled on the map.
-the map you provide does not show clear property lines for each parcel, please provide a map that shows clear lines for each parcel.
-the mailing labels that you submitted, were not lined up correctly, the labels must be in Avery 5160 label format (3 columns across, 10 columns down), to ensure we can use the media to print labels, they must be evenly spaced, so that each address prints on one label. Please remove any additional information included with the list, no punctuation. Or you have the option to send the labels in word format.

7. The following is a portion of the Notice of Receipt of Application and Intent to Obtain a Water Quality Permit 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. Vale Building Group, LLC, 1165 N Patterson Ave, Florence, Texas 76527, has applied to the Texas Commission on Environmental Quality (TCEQ) for proposed Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0016212001 (EPA I.D. No. TX0143421 to authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 322,000 gallons per day. The Domestic wastewater treatment facility will be located approximately 1800 feet west of the intersection of FM Road 1105 and FM Road 194, north of the City of Weir in Williamson County, Texas 78626. The discharge route will be from the plant site *to an unnamed tributary; thence to Weir Branch; thence to the San Gabriel/North Fork San Gabriel River.* TCEQ received this application on September 2, 2022. The permit application is available for viewing and copying at City Hall Lobby, 2205 South Main Street in Weir, Texas. 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://tceq.maps.arcgis.com/apps/webappviewer/index.html?id=db5bac44afbc468bbddd360f8168250f&marker=-97.591388%2C30.689166&level=12>

Further information may also be obtained from Vale Building Group, LLC at the address stated above or by calling Mr. Joshua Welch, Project Manager, at 254-368-9649.

**New rule requirements under Title 30 Texas Administrative Code (TAC)
Chapter 39 relating to public notices have been implemented. The
deficiencies listed below are new items that need to be provided to meet the
alternative language requirements.**

8. Please use the attached Plain Language Summary (PLS) Template to provide a plain language summary in English. Please provide the PLS in a Microsoft Word document.

Please submit the complete response, addressed to my attention by September 27, 2022. If you should have any questions, please do not hesitate to call me at (512) 239-4312.

Mr. Aaron Rojas, P.E.
Page 2
September 14, 2022
Permit No. WQ0016212001

Sincerely,

A handwritten signature in black ink, appearing to read "Wilkins", with a stylized, cursive script.

Sheila Wilkins
Application Review and Processing Team (MC 148)
Water Quality Division
Texas Commission on Environmental Quality

Attachment 1 - Municipal TPDES and TLAP PLS Form
Attachment 2 - Marked Landowners Map



TCEQ Use Only

TCEQ Core Data Form

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

SECTION I: General Information

1. Reason for Submission (If other is checked please describe in space provided.)		
<input checked="" type="checkbox"/> New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
<input type="checkbox"/> Renewal (Core Data Form should be submitted with the renewal form)	<input type="checkbox"/> Other	
2. Customer Reference Number (if issued)	Follow this link to search for CN or RN numbers in Central Registry**	3. Regulated Entity Reference Number (if issued)
CN 604294330		RN

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 Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)		<input type="checkbox"/> Change in Regulated Entity Ownership	
The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).			
6. Customer Legal Name (If an individual, print last name first: eg: Doe, John)		If new Customer, enter previous Customer below:	
Vale Building Group, LLC			
7. TX SOS/CPA Filing Number	8. TX State Tax ID (11 digits)	9. Federal Tax ID (9 digits)	10. DUNS Number (if applicable)
801344313	32043056715	27-4037216	
11. Type of Customer:	<input checked="" type="checkbox"/> Corporation	<input type="checkbox"/> Individual	Partnership: <input type="checkbox"/> General <input type="checkbox"/> Limited
Government: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> Other	<input type="checkbox"/> Sole Proprietorship	<input type="checkbox"/> Other:	
12. Number of Employees		13. Independently Owned and Operated?	
<input checked="" type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following			
<input type="checkbox"/> Owner <input type="checkbox"/> Operator <input checked="" type="checkbox"/> Owner & Operator			
<input type="checkbox"/> Occupational Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> Voluntary Cleanup Applicant <input type="checkbox"/> Other:			
15. Mailing Address:	1165 N Patterson Ave		
	City	Florence	State TX ZIP 76527 ZIP + 4
16. Country Mailing Information (if outside USA)		17. E-Mail Address (if applicable)	
		valeirvinhomes@gmail.com	
18. Telephone Number	19. Extension or Code	20. Fax Number (if applicable)	
(254) 394-3740		() -	

SECTION III: Regulated Entity Information

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

000094

LIESE MILTON & ELIZABETH
1086 BOOTYS CROSSING RD
GEORGETOWN TX 78628

DRURY MATTHEW
1200 CR 149 GEORGETOWN TX
78626

DRURY SARAH & DWAYNE
1200 COUNTY ROAD 149
GEORGETOWN TX 78626

SOTELLO ELAINE & KATHERINE
ESCHBERGER
1501 COUNTY ROAD 149
GEORGETOWN TX 78626

LIESE MILTON & ELIZABETH
1086 BOOTYS CROSSING RD
GEORGETOWN TX 78628

BULGERIN ALICE GRACE
1611 MEADOW LN TAYLOR TX
76574

BULGERIN TIMOTHY JAMES
PO BOX 853 HUTTO TX 78634

BUCHHORN RYAN D & DUSTIE D
1760 FM 1105 GEORGETOWN TX
78626

BUCHHORN EUGENE L & DIANNE I
4450 FM 1105 GEORGETOWN TX
78626

JERNEY CHARLES A & JUNE E
1576 FM 1105 GEORGETOWN TX
78626

BUCHHORN MELVIN & DOROTHY
TRUST OF BUCHHORN FAMILY
TRUST
1551 FM 1105 GEORGETOWN TX
78626

STROUD DUSTIN B
1526 FM 1105 GEORGETOWN TX
78626

ARNOLD TOMMY & MAGGI ARNOLD
DALLE
3724 WETLAND DR PFLUGERVILLE
TX 78660

MERKORD JUSTIN R & LAINA
105 COUNTY ROAD 153
GEORGETOWN TX 78626

WATKINS NICOLE M & JOHN
S 51 COUNTY ROAD 153
GEORGETOWN TX 78626

CANALES RAFAEL & CONCEPCION
40 CR 153 GEORGETOWN TX 78626

FULLER JENNIFER D & DANA
E 1190 FM 1105 GEORGETOWN TX
78626

WRIGHT DAVID N & NOVA L
211 2ND ST JARRELL TX 76537

ORTEGA MARTHA
140 SPUR 155 N GEORGETOWN TX
78626

WEIR 417 LP
13010 RESEARCH BLVD # 104
AUSTIN TX 78750

HOWARD JERRY N & MARTHA J TR
OF JERRY AND MARTHA HOWARD
TRUST
5770 WINFIELD BLVD SPC 63 SAN
JOSE CA 95123

HOWARD JERRY N & MARTHA J TR
OF JERRY AND MARTHA HOWARD
TRUST
5770 WINFIELD BLVD SPC 63 SAN
JOSE CA 95123

BROWN JUSTIN THOMAS
PO BOX 64 WEIR TX 78674

MORRISEY ANN LEE & ET AL
19631 ENCINO WAY SAN ANTONIO
TX 78259

WEIR CONSOLIDATED
INVESTMENTS LLC SERIES B
PO BOX 250 WEIR TX 78674

MARCHIONI KENNETH P & NANCY N
KIDD
18959 RANCH RD 2242 MASON TX
76856

WEIR CONSOLIDATED
INVESTMENTS LLC SERIES A
PO BOX 250 WEIR TX 78674

KAMMA CHALAPATHIRAO &
SANGEETA MANNEPALLI
107 FAROLA CV ROUND ROCK TX
78681

SOUTHWESTERN UNIVERSITY
PO BOX 542016 OMAHA NE 68154

D. Public Viewing Information

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

Public building name: City Hall

Location within the building: Lobby

Physical Address of Building: 2205 S Main St

City: Weir

County: Williamson

Contact Name: [REDACTED]

Phone No.: [REDACTED]

Ext.: [REDACTED]

E. Bilingual Notice Requirements:

This information **is required** for **new, major amendment, and renewal applications**. It is not required for minor amendment or minor modification 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? [REDACTED]

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

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

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):

Weir Subdivision WWTP

- C. Owner of treatment facility: Vale Building Group, LLC

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

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

Prefix (Mr., Ms., Miss): [REDACTED]

First and Last Name: Vale Building Group, LLC

Mailing Address: 1165 N Patterson Ave

City, State, Zip Code: Florence, TX, 76527

Phone No.: 254-394-3740

E-mail Address: valeirvinhomes@gmail.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: NA

- E. Owner of effluent disposal site:

Prefix (Mr., Ms., Miss): N/A

First and Last Name: [REDACTED]

Mailing Address: 1165 N Patterson Ave

City, State, Zip Code: [REDACTED]

Phone No.: [REDACTED]

E-mail Address: [REDACTED]

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

Attachment: NA

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

Prefix (Mr., Ms., Miss): N/A

First and Last Name: [REDACTED]

Mailing Address: [REDACTED]

City, State, Zip Code: [REDACTED]

Phone No.: [REDACTED]

E-mail Address: [REDACTED]

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

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

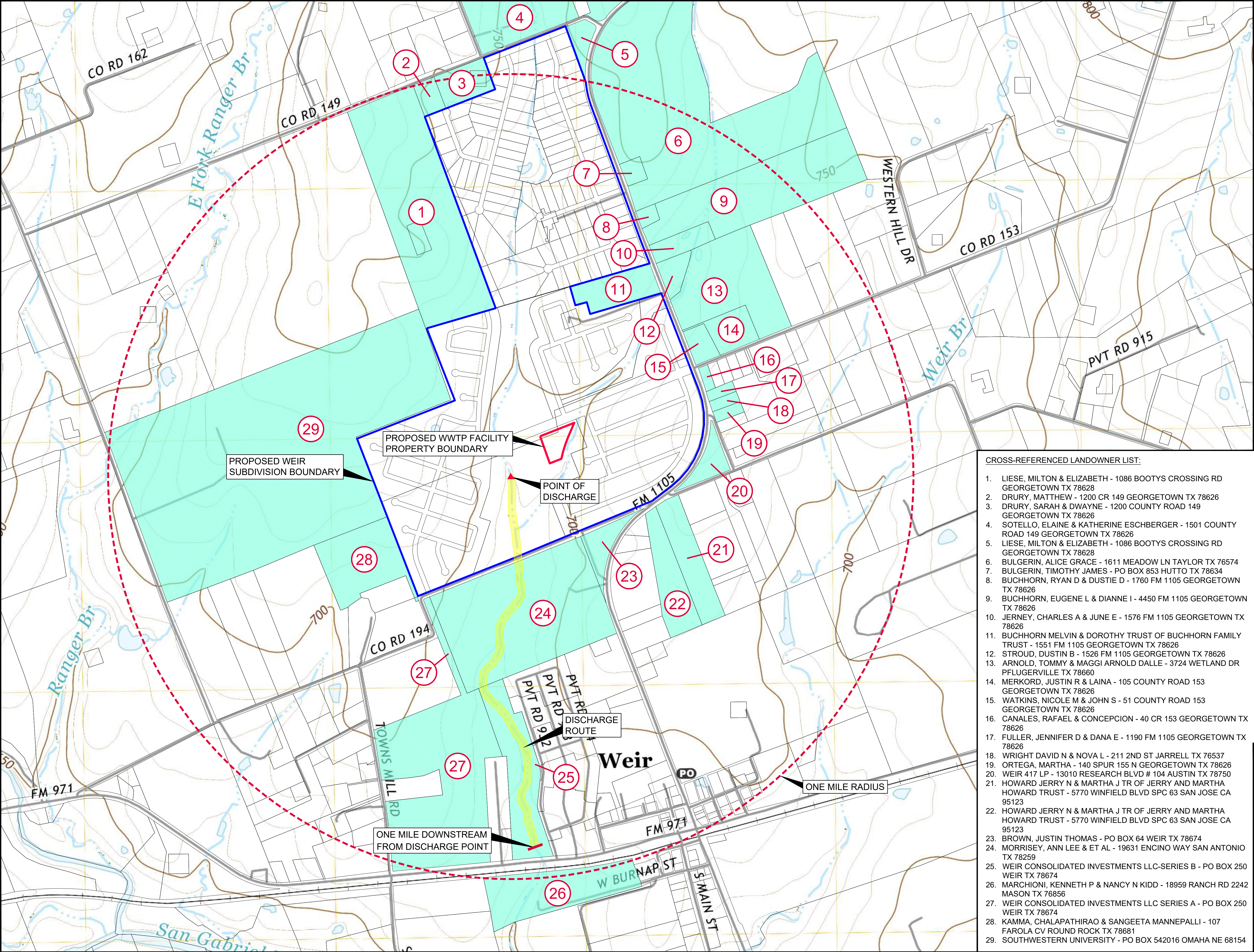
DOMESTIC WASTEWATER

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

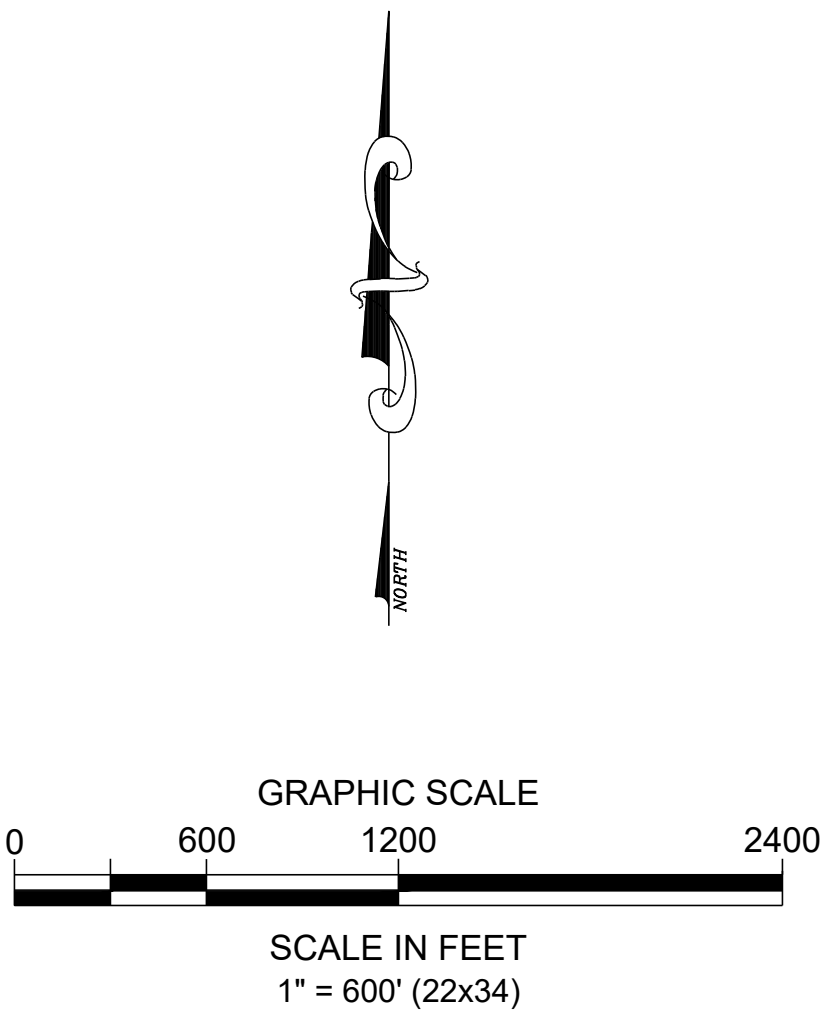
Vale Building Group, LLC (CN604294330) proposes to operate Weir Subdivision WWTP RN111565321. a MUD. The facility will be located on the northern property 1,800 feet west of the intersection of Farm-to-Market Road 1105 and Farm-to-Market Road 194, in the northern portion of Weir, Texas, Williamson County, Texas 78626.

This application is for a new application to discharge at a daily average flow of 322,000 gallons per day of treated domestic wastewater

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD₅), total suspended solids (TSS), ammonia nitrogen (NH₃-N), and *Escherichia coli*. Domestic wastewater will be treated by preliminary treatment (screening), then continue to Enhanced Secondary Treatment (Aeration and Clarification) and finally Disinfection before discharging into an unnamed tributary, thence to Weir Branch, thence to the San Gabriel/North Fork San Gabriel River in Segment 1248 of the Brazos River Basin. Flow metering will be performed following the final treatment unit. Process sensors for aeration dissolved oxygen and mixed liquor suspended solids will be included.



Base Map Source: USGS 7.5 Min Quad Sheet WEIR, TX., 2019.



- LEGEND:**
- PROPOSED WWTP FACILITY PROPERTY BOUNDARY
 - PROPOSED WEIR SUBDIVISION BOUNDARY
 - DISCHARGE ROUTE
 - AFFECTED LANDOWNER
 - 1 AFFECTED LANDOWNER ID (SEE CROSS-REFERENCED LANDOWNER LIST)



- CROSS-REFERENCED LANDOWNER LIST:**
- LIESE, MILTON & ELIZABETH - 1086 BOOTYS CROSSING RD GEORGETOWN TX 78628
 - DRURY, MATTHEW - 1200 CR 149 GEORGETOWN TX 78626
 - DRURY, SARAH & DWAYNE - 1200 COUNTY ROAD 149 GEORGETOWN TX 78626
 - SOTELLO, ELAINE & KATHERINE ESCHBERGER - 1501 COUNTY ROAD 149 GEORGETOWN TX 78626
 - LIESE, MILTON & ELIZABETH - 1086 BOOTYS CROSSING RD GEORGETOWN TX 78628
 - BULGERIN, ALICE GRACE - 1611 MEADOW LN TAYLOR TX 76574
 - BULGERIN, TIMOTHY JAMES - PO BOX 853 HUTTO TX 78634
 - BUCHHORN, RYAN D & DUSTIE D - 1760 FM 1105 GEORGETOWN TX 78626
 - BUCHHORN, EUGENE L & DIANNE I - 4450 FM 1105 GEORGETOWN TX 78626
 - JERNEY, CHARLES A & JUNE E - 1576 FM 1105 GEORGETOWN TX 78626
 - BUCHHORN MELVIN & DOROTHY TRUST OF BUCHHORN FAMILY TRUST - 1551 FM 1105 GEORGETOWN TX 78626
 - STROUD, DUSTIN B - 1526 FM 1105 GEORGETOWN TX 78626
 - ARNOLD, TOMMY & MAGGI ARNOLD DALLE - 3724 WETLAND DR PFLUGERVILLE TX 78660
 - MERKORD, JUSTIN R & LAINA - 105 COUNTY ROAD 153 GEORGETOWN TX 78626
 - WATKINS, NICOLE M & JOHN S - 51 COUNTY ROAD 153 GEORGETOWN TX 78626
 - CANALES, RAFAEL & CONCEPCION - 40 CR 153 GEORGETOWN TX 78626
 - FULLER, JENNIFER D & DANA E - 1190 FM 1105 GEORGETOWN TX 78626
 - WRIGHT DAVID N & NOVA L - 211 2ND ST JARRELL TX 76537
 - ORTEGA, MARTHA - 140 SPUR 155 N GEORGETOWN TX 78626
 - WEIR 417 LP - 13010 RESEARCH BLVD # 104 AUSTIN TX 78750
 - HOWARD JERRY N & MARTHA J TR OF JERRY AND MARTHA HOWARD TRUST - 5770 WINFIELD BLVD SPC 63 SAN JOSE CA 95123
 - HOWARD JERRY N & MARTHA J TR OF JERRY AND MARTHA HOWARD TRUST - 5770 WINFIELD BLVD SPC 63 SAN JOSE CA 95123
 - BROWN, JUSTIN THOMAS - PO BOX 64 WEIR TX 78674
 - MORRISEY, ANN LEE & ET AL - 19631 ENCINO WAY SAN ANTONIO TX 78259
 - WEIR CONSOLIDATED INVESTMENTS LLC-SERIES B - PO BOX 250 WEIR TX 78674
 - MARCHIONI, KENNETH P & NANCY N KIDD - 18959 RANCH RD 2242 MASON TX 76856
 - WEIR CONSOLIDATED INVESTMENTS LLC SERIES A - PO BOX 250 WEIR TX 78674
 - KAMMA, CHALAPATHIRAO & SANGEETA MANNEPALLI - 107 FAROLA CV ROUND ROCK TX 78681
 - SOUTHWESTERN UNIVERSITY - PO BOX 542016 OMAHA NE 68154

ATTACHMENT 2

AFFECTED LANDOWNER'S MAP
WEIR SUBDIVISION
PROPOSED WWTP
WILLIAMSON COUNTY, TEXAS

MRB group

MRB Group, P.C.
8834 N. Capital of Texas Highway, Suite 220, Austin, Texas 78759
Phone: (512) 436-8571
303 W. Calhoun Avenue, Temple, Texas 76501 Phone: (254) 771-2054
TBPELS Firm Number: F-10615
www.mrbgroup.com

Date: 04/21/2022 | Drawn By: RPS | Project No.: 4913.21001