Texas Commission on Environmental Quality

Edwards Aquifer Application Cover Page

Our Review of Your Application

The Edwards Aquifer Program staff conducts an administrative and technical review of all applications. The turnaround time for administrative review can be up to 30 days as outlined in 30 TAC 213.4(e). Generally administrative completeness is determined during the intake meeting or within a few days of receipt. The turnaround time for technical review of an administratively complete Edwards Aquifer application is 90 days as outlined in 30 TAC 213.4(e). Please know that the review and approval time is directly impacted by the quality and completeness of the initial application that is received. In order to conduct a timely review, it is imperative that the information provided in an Edwards Aquifer application include final plans, be accurate, complete, and in compliance with 30 TAC 213.

Administrative Review

1. Edwards Aquifer applications must be deemed administratively complete before a technical review can begin. To be considered administratively complete, the application must contain completed forms and attachments, provide the requested information, and meet all the site plan requirements. The submitted application and plan sheets should be final plans. Please submit one full-size set of plan sheets with the original application, and half-size sets with the additional copies.

   To ensure that all applicable documents are included in the application, the program has developed tools to guide you and web pages to provide all forms, checklists, and guidance. Please visit the below website for assistance: http://www.tceq.texas.gov/field/eapp.

2. This Edwards Aquifer Application Cover Page form (certified by the applicant or agent) must be included in the application and brought to the administrative review meeting.

3. Administrative reviews are scheduled with program staff who will conduct the review. Applicants or their authorized agent should call the appropriate regional office, according to the county in which the project is located, to schedule a review. The average meeting time is one hour.

4. In the meeting, the application is examined for administrative completeness. Deficiencies will be noted by staff and emailed or faxed to the applicant and authorized agent at the end of the meeting, or shortly after. Administrative deficiencies will cause the application to be deemed incomplete and returned.

   An appointment should be made to resubmit the application. The application is re-examined to ensure all deficiencies are resolved. The application will only be deemed administratively complete when all administrative deficiencies are addressed.

5. If an application is received by mail, courier service, or otherwise submitted without a review meeting, the administrative review will be conducted within 30 days. The applicant and agent will be contacted with the results of the administrative review. If the application is found to be administratively incomplete, it can be retrieved from the regional office or returned by regular mail. If returned by mail, the regional office may require arrangements for return shipping.

6. If the geologic assessment was completed before October 1, 2004 and the site contains “possibly sensitive” features, the assessment must be updated in accordance with the *Instructions to Geologists* (TCEQ-0585 Instructions).

Technical Review

1. When an application is deemed administratively complete, the technical review period begins. The regional office will distribute copies of the application to the identified affected city, county, and groundwater conservation district whose jurisdiction includes the subject site. These entities and the public have 30 days to provide comments on the application to the regional office. All comments received are reviewed by TCEQ.

2. A site assessment is usually conducted as part of the technical review, to evaluate the geologic assessment and observe existing site conditions. The site must be accessible to our staff. The site boundaries should be

clearly marked, features identified in the geologic assessment should be flagged, roadways marked and the alignment of the Sewage Collection System and manholes should be staked at the time the application is submitted. If the site is not marked the application may be returned.

3. We evaluate the application for technical completeness and contact the applicant and agent via Notice of Deficiency (NOD) to request additional information and identify technical deficiencies. There are two deficiency response periods available to the applicant. There are 14 days to resolve deficiencies noted in the first NOD. If a second NOD is issued, there is an additional 14 days to resolve deficiencies. If the response to the second notice is not received, is incomplete or inadequate, or provides new information that is incomplete or inadequate, the application must be withdrawn or will be denied. Please note that because the technical review is underway, whether the application is withdrawn or denied **the application fee will be forfeited**.
4. The program has 90 calendar days to complete the technical review of the application. If the application is technically adequate, such that it complies with the Edwards Aquifer rules, and is protective of the Edwards Aquifer during and after construction, an approval letter will be issued. Construction or other regulated activity may not begin until an approval is issued.

Mid-Review Modifications

It is important to have final site plans prior to beginning the permitting process with TCEQ to avoid delays.

Occasionally, circumstances arise where you may have significant design and/or site plan changes after your Edwards Aquifer application has been deemed administratively complete by TCEQ. This is considered a "Mid-Review Modification". Mid-Review Modifications may require redistribution of an application that includes the proposed modifications for public comment.

If you are proposing a Mid-Review Modification, two options are available:

- If the technical review has begun your application can be denied/withdrawn, your fees will be forfeited, and the plan will have to be resubmitted.
- TCEQ can continue the technical review of the application as it was submitted, and a modification application can be submitted at a later time.

If the application is denied/withdrawn, the resubmitted application will be subject to the administrative and technical review processes and will be treated as a new application. The application will be redistributed to the affected jurisdictions.

Please contact the regional office if you have questions. If your project is located in Williamson, Travis, or Hays County, contact TCEQ's Austin Regional Office at 512-339-2929. If your project is in Comal, Bexar, Medina, Uvalde, or Kinney County, contact TCEQ's San Antonio Regional Office at 210-490-3096

Please fill out all required fields below and submit with your application.

1. Regulated Entity Name: Dove Springs Wastewater Treatment Plant Improvements						**2. Regulated Entity No.: RN105292395**			
3. Customer Name: City of Georgetown						**4. Customer No.: 600412043**			
5. Project Type: (Please circle/check one)	New		Modification			Extension		Exception	
6. Plan Type: (Please circle/check one)	WPAP	CZP	SCS	UST	AST	EXP	EXT	Technical Clarification	Optional Enhanced Measures
7. Land Use: (Please circle/check one)	Residential		Non-residential			**8. Site (acres):**			
9. Application Fee:	$650		**10. Permanent BMP(s):**			NA			
11. SCS (Linear Ft.):			**12. AST/UST (No. Tanks):**			1			
13. County:	Williamson		**14. Watershed:**			San Gabriel River			

Application Distribution

Instructions: Use the table below to determine the number of applications required. One original and one copy of the application, plus additional copies (as needed) for each affected incorporated city, county, and groundwater conservation district are required. Linear projects or large projects, which cross into multiple jurisdictions, can require additional copies. Refer to the "Texas Groundwater Conservation Districts within the EAPP Boundaries" map found at:

http://www.tceq.texas.gov/assets/public/compliance/field_ops/eapp/EAPP%20GWCD%20map.pdf

For more detailed boundaries, please contact the conservation district directly.

Austin Region			
County:	**Hays**	**Travis**	**Williamson**
Original (1 req.)	___	___	___
Region (1 req.)	___	___	___
County(ies)	___	___	___
Groundwater Conservation District(s)	___Edwards Aquifer Authority ___Barton Springs/ Edwards Aquifer ___Hays Trinity ___Plum Creek	___Barton Springs/ Edwards Aquifer	NA
City(ies) Jurisdiction	___Austin ___Buda ___Dripping Springs ___Kyle ___Mountain City ___San Marcos ___Wimberley ___Woodcreek	___Austin ___Bee Cave ___Pflugerville ___Rollingwood ___Round Rock ___Sunset Valley ___West Lake Hills	___Austin ___Cedar Park ___Florence ___Georgetown ___Jerrell ___Leander ___Liberty Hill ___Pflugerville ___Round Rock

San Antonio Region					
County:	**Bexar**	**Comal**	**Kinney**	**Medina**	**Uvalde**
Original (1 req.)	___	___	___	___	___
Region (1 req.)	___	___	___	___	___
County(ies)	___	___	___	___	___
Groundwater Conservation District(s)	___ Edwards Aquifer Authority ___Trinity-Glen Rose	___Edwards Aquifer Authority	___Kinney	___EAA ___Medina	___EAA ___Uvalde
City(ies) Jurisdiction	___Castle Hills ___Fair Oaks Ranch ___Helotes ___Hill Country Village ___Hollywood Park ___San Antonio (SAWS) ___Shavano Park	___Bulverde ___Fair Oaks Ranch ___Garden Ridge ___New Braunfels ___Schertz	NA	___San Antonio ETJ (SAWS)	NA

I certify that to the best of my knowledge, that the application is complete and accurate. This application is hereby submitted to TCEQ for administrative review and technical review.

Ellyn Weimer, PE

Print Name of Customer/Authorized Agent

Ellyn Weimer 12-04-2024

Signature of Customer/Authorized Agent Date

FOR TCEQ INTERNAL USE ONLY				
Date(s)Reviewed:		Date Administratively Complete:		
Received From:		Correct Number of Copies:		
Received By:		Distribution Date:		
EAPP File Number:		Complex:		
Admin. Review(s) (No.):		No. AR Rounds:		
Delinquent Fees (Y/N):		Review Time Spent:		
Lat./Long. Verified:		SOS Customer Verification:		
Agent Authorization Complete/Notarized (Y/N):		Fee Check:	Payable to TCEQ (Y/N):	
Core Data Form Complete (Y/N):			Signed (Y/N):	
Core Data Form Incomplete Nos.:			Less than 90 days old (Y/N):	

General Information Form

Texas Commission on Environmental Quality

For Regulated Activities on the Edwards Aquifer Recharge and Transition Zones and Relating to 30 TAC §213.4(b) & §213.5(b)(2)(A), (B) Effective June 1, 1999

To ensure that the application is administratively complete, confirm that all fields in the form are complete, verify that all requested information is provided, consistently reference the same site and contact person in all forms in the application, and ensure forms are signed by the appropriate party.

Note: Including all the information requested in the form and attachments contributes to more streamlined technical reviews.

Signature

To the best of my knowledge, the responses to this form accurately reflect all information requested concerning the proposed regulated activities and methods to protect the Edwards Aquifer. This **General Information Form** is hereby submitted for TCEQ review. The application was prepared by:

Print Name of Customer/Agent: Ellyn Weimer, PE

Date: 12-04-2024

Signature of Customer/Agent:

Project Information

1. Regulated Entity Name: Dove Springs Wastewater Treatment Plant Improvements
2. County: Williamson
3. Stream Basin: San Gabriel
4. Groundwater Conservation District (If applicable): _____
5. Edwards Aquifer Zone:

   ☐ Recharge Zone
   ☒ Transition Zone

6. Plan Type:

   ☐ WPAP
   ☐ SCS
   ☒ Modification
   ☒ AST
   ☐ UST
   ☐ Exception Request

7. Customer (Applicant):

   Contact Person: Chris Pousson
   Entity: City of Georgetown
   Mailing Address: 300-1 Industrial Ave
   City, State: Georgetown, Texas Zip: 78626
   Telephone: (512)-930-8162 FAX: (512)-930-3559
   Email Address: chris.pousson@georgetowntexas.gov

8. Agent/Representative (If any):

   Contact Person: Ellyn Weimer, PE
   Entity: CDM Smith, Inc.
   Mailing Address: 8310-1 N Capital of Texas Hwy, Suite 250
   City, State: Austin, Texas Zip: 78731
   Telephone: (512)-652-5329 FAX: _____
   Email Address: weimerej@cdmsmith.com

9. Project Location:

   ☒ The project site is located inside the city limits of Georgetown.
   ☐ The project site is located outside the city limits but inside the ETJ (extra-territorial jurisdiction) of _____.
   ☐ The project site is not located within any city's limits or ETJ.

10. ☒ The location of the project site is described below. The description provides sufficient detail and clarity so that the TCEQ's Regional staff can easily locate the project and site boundaries for a field investigation.

    The project is located within the Dove Springs WWTP located at 400 Rock Dove Lane approximately 1,700 feet west of the SH130 south frontage road along Rock Dove Lane in Georgetown, Texas.

11. ☒ **Attachment A – Road Map**. A road map showing directions to and the location of the project site is attached. The project location and site boundaries are clearly shown on the map.

12. ☒ **Attachment B - USGS / Edwards Recharge Zone Map**. A copy of the official 7 ½ minute USGS Quadrangle Map (Scale: 1" = 2000') of the Edwards Recharge Zone is attached. The map(s) clearly show:

    ☒ Project site boundaries.
    ☒ USGS Quadrangle Name(s).
    ☒ Boundaries of the Recharge Zone (and Transition Zone, if applicable).
    ☐ Drainage path from the project site to the boundary of the Recharge Zone.

13. ☒ **The TCEQ must be able to inspect the project site or the application will be returned**. Sufficient survey staking is provided on the project to allow TCEQ regional staff to locate the boundaries and alignment of the regulated activities and the geologic or manmade features noted in the Geologic Assessment.

☒ Survey staking will be completed by this date: TCEQ may inspect the project site; however we are asking for an exception to the Geologic Assessment.

14. ☒ **Attachment C – Project Description**. Attached at the end of this form is a detailed narrative description of the proposed project. The project description is consistent throughout the application and contains, at a minimum, the following details:

☒ Area of the site
☒ Offsite areas
☒ Impervious cover
☒ Permanent BMP(s)
☒ Proposed site use
☒ Site history
☒ Previous development
☒ Area(s) to be demolished

15. Existing project site conditions are noted below:

☐ Existing commercial site
☐ Existing industrial site
☐ Existing residential site
☐ Existing paved and/or unpaved roads
☐ Undeveloped (Cleared)
☐ Undeveloped (Undisturbed/Uncleared)
☒ Other: Existing Wastewater Treatment Plant Site

Prohibited Activities

16. ☒ I am aware that the following activities are prohibited on the Recharge Zone and are not proposed for this project:

(1) Waste disposal wells regulated under 30 TAC Chapter 331 of this title (relating to Underground Injection Control);

(2) New feedlot/concentrated animal feeding operations, as defined in 30 TAC §213.3;

(3) Land disposal of Class I wastes, as defined in 30 TAC §335.1;

(4) The use of sewage holding tanks as parts of organized collection systems; and

(5) New municipal solid waste landfill facilities required to meet and comply with Type I standards which are defined in §330.41(b), (c), and (d) of this title (relating to Types of Municipal Solid Waste Facilities).

(6) New municipal and industrial wastewater discharges into or adjacent to water in the state that would create additional pollutant loading.

17. ☒ I am aware that the following activities are prohibited on the Transition Zone and are not proposed for this project:

(1) Waste disposal wells regulated under 30 TAC Chapter 331 (relating to Underground Injection Control);

(2) Land disposal of Class I wastes, as defined in 30 TAC §335.1; and

(3) New municipal solid waste landfill facilities required to meet and comply with Type I standards which are defined in §330.41 (b), (c), and (d) of this title.

Administrative Information

18. The fee for the plan(s) is based on:

- ☐ For a Water Pollution Abatement Plan or Modification, the total acreage of the site where regulated activities will occur.
- ☐ For an Organized Sewage Collection System Plan or Modification, the total linear footage of all collection system lines.
- ☒ For a UST Facility Plan or Modification or an AST Facility Plan or Modification, the total number of tanks or piping systems.
- ☐ A request for an exception to any substantive portion of the regulations related to the protection of water quality.
- ☐ A request for an extension to a previously approved plan.

19. ☒ Application fees are due and payable at the time the application is filed. If the correct fee is not submitted, the TCEQ is not required to consider the application until the correct fee is submitted. Both the fee and the Edwards Aquifer Fee Form have been sent to the Commission's:

- ☒ TCEQ cashier
- ☐ Austin Regional Office (for projects in Hays, Travis, and Williamson Counties)
- ☐ San Antonio Regional Office (for projects in Bexar, Comal, Kinney, Medina, and Uvalde Counties)

20. ☒ Submit one (1) original and one (1) copy of the application, plus additional copies as needed for each affected incorporated city, groundwater conservation district, and county in which the project will be located. The TCEQ will distribute the additional copies to these jurisdictions. The copies must be submitted to the appropriate regional office.

21. ☒ No person shall commence any regulated activity until the Edwards Aquifer Protection Plan(s) for the activity has been filed with and approved by the Executive Director.

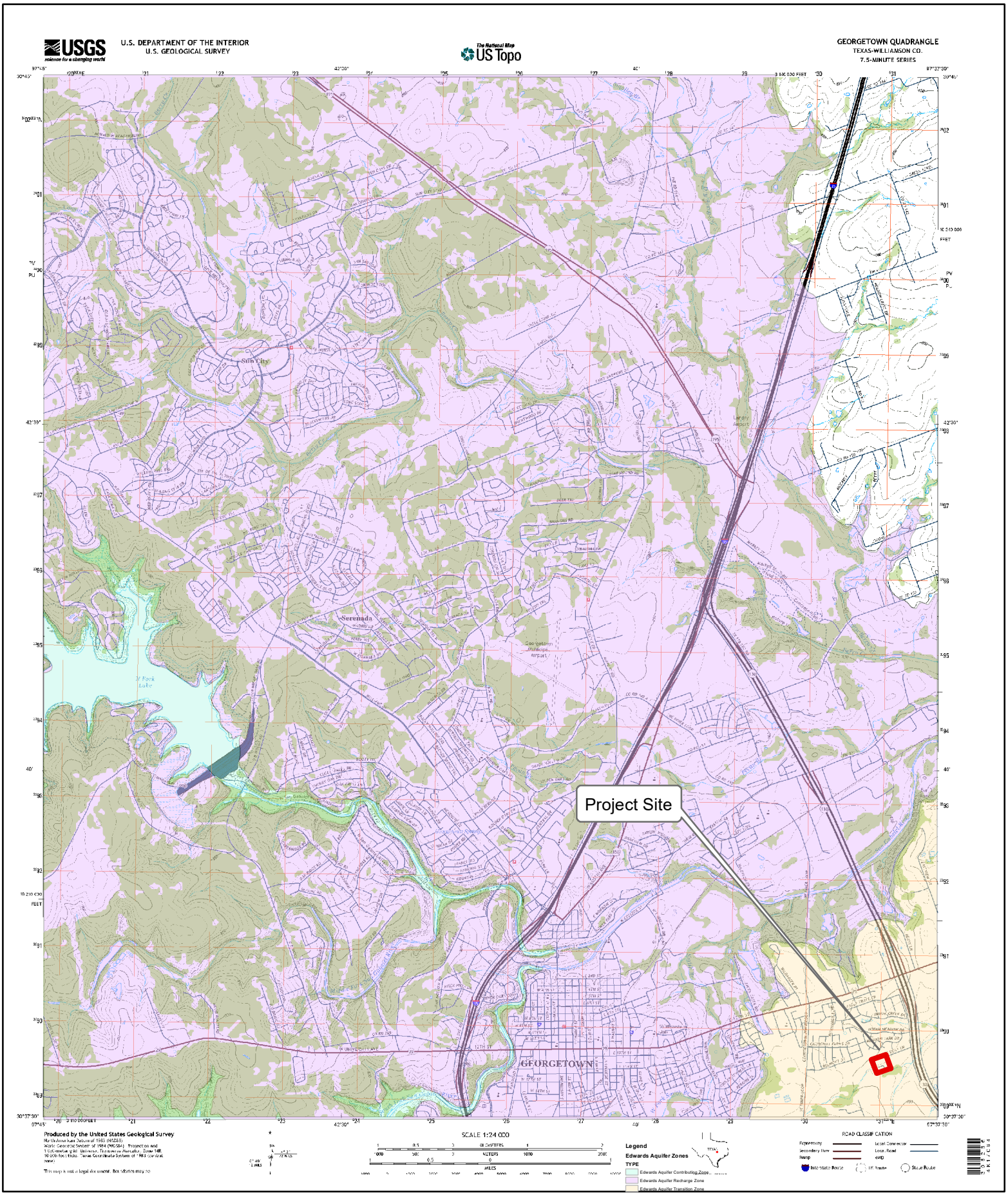
Attachment A: Road Map
Dove Springs Wastewater Treatment Plant
Williamson County, Texas

0 0.2 0.4 Miles

CDM Smith

N

Attachment B: Edwards Aquifer Recharge Zone Map
Dove Springs Wastewater Treatment Plant
Williamson County, Texas



City of Georgetown

Dove Springs WWTP Improvements

Above Ground Storage Tank Facility Plan

The Dove Springs Wastewater Treatment Plant (WWTP) Improvements project consists of the construction of new blowers, new electrical building, new generators for backup power supply, and associated improvements to the plant. This modification includes the addition of a second backup generator for the site. The WWTP is 4.5 acres. No offsite areas off the property will be used .

Modification of a Previously Approved Plan

Texas Commission on Environmental Quality

for Regulated Activities on the Edwards Aquifer Recharge Zone and Transition Zone and Relating to 30 TAC 213.4(j), Effective June 1, 1999

To ensure that the application is administratively complete, confirm that all fields in the form are complete, verify that all requested information is provided, consistently reference the same site and contact person in all forms in the application, and ensure forms are signed by the appropriate party.

Note: Including all the information requested in the form and attachments contributes to more streamlined technical reviews.

Signature

To the best of my knowledge, the responses to this form accurately reflect all information requested concerning the proposed regulated activities and methods to protect the Edwards Aquifer. This request for a **Modification of a Previously Approved Plan** is hereby submitted for TCEQ review and executive director approval. The request was prepared by:

Print Name of Customer/Agent: Ellyn Weimer, PE

Date: 12-04-2024

Signature of Customer/Agent:

Project Information

1. Current Regulated Entity Name: Dove Springs Wastewater Treatment Plant Improvements
   Original Regulated Entity Name: Dove Springs Wastewater Treatment Plant Improvements
   Regulated Entity Number(s) (RN): RN105292395
   Edwards Aquifer Protection Program ID Number(s): 11003281
   ☒ The applicant has not changed and the Customer Number (CN) is: 600412043
   ☐ The applicant or Regulated Entity has changed. A new Core Data Form has been provided.

2. ☒ **Attachment A: Original Approval Letter and Approved Modification Letters**. A copy of the original approval letter and copies of any modification approval letters are attached.

3. A modification of a previously approved plan is requested for (check all that apply):
   - ☐ Physical or operational modification of any water pollution abatement structure(s) including but not limited to ponds, dams, berms, sewage treatment plants, and diversionary structures;
   - ☐ Change in the nature or character of the regulated activity from that which was originally approved or a change which would significantly impact the ability of the plan to prevent pollution of the Edwards Aquifer;
   - ☐ Development of land previously identified as undeveloped in the original water pollution abatement plan;
   - ☐ Physical modification of the approved organized sewage collection system;
   - ☐ Physical modification of the approved underground storage tank system;
   - ☒ Physical modification of the approved aboveground storage tank system.

4. ☒ Summary of Proposed Modifications (select plan type being modified). If the approved plan has been modified more than once, copy the appropriate table below, as necessary, and complete the information for each additional modification.

WPAP Modification Summary	***Approved Project***	***Proposed Modification***
Acres	_____	_____
Type of Development	_____	_____
Number of Residential Lots	_____	_____
Impervious Cover (acres)	_____	_____
Impervious Cover (%	_____	_____
Permanent BMPs	_____	_____
Other	_____	_____

SCS Modification Summary	***Approved Project***	***Proposed Modification***
Linear Feet	_____	_____
Pipe Diameter	_____	_____
Other	_____	_____

AST Modification Summary	***Approved Project***	***Proposed Modification***
Number of ASTs	1 ASTs	2 ASTs (Total)
Volume of ASTs	1,791 gal	2,565 gal (Total)
Other	_____	_____

UST Modification Summary	***Approved Project***	***Proposed Modification***
Number of USTs	_____	_____
Volume of USTs	_____	_____
Other	_____	_____

5. ☒ **Attachment B: Narrative of Proposed Modification**. A detailed narrative description of the nature of the proposed modification is attached. It discusses what was approved, including any previous modifications, and how this proposed modification will change the approved plan.

6. ☒ **Attachment C: Current Site Plan of the Approved Project**. A current site plan showing the existing site development (i.e., current site layout) at the time this application for modification is attached. A site plan detailing the changes proposed in the submitted modification is required elsewhere.
   - ☐ The approved construction has not commenced. The original approval letter and any subsequent modification approval letters are included as Attachment A to document that the approval has not expired.
   - ☐ The approved construction has commenced and has been completed. Attachment C illustrates that the site was constructed as approved.
   - ☐ The approved construction has commenced and has been completed. Attachment C illustrates that the site was **not** constructed as approved.
   - ☒ The approved construction has commenced and has **not** been completed. Attachment C illustrates that, thus far, the site was constructed as approved.
   - ☐ The approved construction has commenced and has **not** been completed. Attachment C illustrates that, thus far, the site was **not** constructed as approved.

7. ☐ The acreage of the approved plan has increased. A Geologic Assessment has been provided for the new acreage.
   ☒ Acreage has not been added to or removed from the approved plan.

8. ☒ Submit one (1) original and one (1) copy of the application, plus additional copies as needed for each affected incorporated city, groundwater conservation district, and county in which the project will be located. The TCEQ will distribute the additional copies to these jurisdictions. The copies must be submitted to the appropriate regional office.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

February 8, 2023

Mr. Chris Pousson
City of Georgetown
300 Industrial Avenue
Georgetown, TX 78626-8445

Re: Edwards Aquifer, Williamson County
NAME OF PROJECT: Dove Springs WWTP; Located at 400 Rock Dove Lane; Georgetown, Texas
TYPE OF PLAN: Request for Approval of an Aboveground Storage Tank Facility (AST); 30 Texas Administrative Code (TAC) Chapter 213 Edwards Aquifer
Edwards Aquifer Protection Program ID No. 11003281; Regulated Entity No. RN105292395

Dear Mr. Pousson,

The Texas Commission on Environmental Quality (TCEQ) has completed its review of the AST Application for the above-referenced project submitted to the Austin Regional Office by CDM Smith, Inc. on behalf of the City of Georgetown on November 1, 2022. Final review of the AST was completed after additional material was received on January 30, 2023. As presented to the TCEQ, the AST Facility Plan proposed in the application was prepared to be in general compliance with the requirements of 30 TAC §213.5(e). Therefore, based on the applicant's concurrence of compliance, the planning materials for construction of the proposed project and pollution abatement measures are hereby approved subject to applicable state rules and the conditions in this approval letter. The applicant or a person affected may file with the chief clerk a motion for reconsideration of the executive director's final action on this Edwards Aquifer protection plan. A motion for reconsideration must be filed no later than 23 days after the date of this approval letter. *This approval expires two (2) years from the date of this letter unless, prior to the expiration date, more than 10 percent of the construction has commenced on the project or an extension of time has been requested.*

PROJECT DESCRIPTION

The project site is located on the Edwards Aquifer Transition Zone. The proposed AST Facility Plan includes the items listed in the table below.

AST	Gallons	Tank Material	Contents of Tank
1	1,791	UL 142 Carbon Steel	Diesel
Total	1,791		

EQUIVALENT PROTECTION

The described AST is a double-walled carbon steel tank (UL 142, Subbase Tank). The tank consists of a primary tank within a sealed secondary tank. The outer tank dimensions will be 10 feet in width and 28 feet in length. The two tanks will have skin-tight separation. The interstitial area between the two tanks will contain any product leaks from the primary tank with a leak detection alarm system.

All piping, hoses and dispensers will be located inside the containment structure. Spill and overfill control for each tank and piping structures will be provided by a quick connect fitting with an overflow prevention valve.

The planned spill response that will take place at the facility is provided in Attachment "E" (enclosed) of the AST Facility Plan Application (Response Actions to Spills). In the event of a release or an accumulation of contaminated stormwater, the contained stormwater will be disposed of in accordance with TCEQ requirements.

GEOLOGY

An exception to the Geologic Assessment was granted due to the 4.5-acre site being previously fully developed. The Austin Regional Office site assessment conducted on January 12, 2023, revealed no geologically sensitive features.

STANDARD CONDITIONS

1. Pursuant to Chapter 7 Subchapter C of the Texas Water Code, any violations of the requirements in 30 TAC Chapter 213 may result in administrative penalties.
2. The holder of the approved Edwards Aquifer protection plan must comply with all provisions of 30 TAC Chapter 213 and all best management practices and measures contained in the approved plan. Additional and separate approvals, permits, registrations and/or authorizations from other TCEQ Programs (i.e., Stormwater, Water Rights, UIC, PST) can be required depending on the specifics of the plan.
3. In addition to the rules of the Commission, the applicant may also be required to comply with state and local ordinances and regulations providing for the protection of water quality.

Prior to Commencement of Construction:

4. Within 60 days of receiving written approval of an Edwards Aquifer Protection Plan, the applicant must submit to the Austin Regional Office, proof of recordation of notice in the county deed records, with the volume and page number(s) of the county deed records of the county in which the property is located. A description of the property boundaries shall be included in the deed recordation in the county deed records. A suggested form (Deed Recordation Affidavit, TCEQ-0625) that you may use to deed record the approved AST Facility Plan is enclosed.
5. All contractors conducting regulated activities at the referenced project location shall be provided a copy of this notice of approval. At least one complete copy of the approved AST Facility Plan and this notice of approval shall be maintained at the project location until all regulated activities are completed.
6. Prior to commencing construction, the applicant shall submit any modifications to this approved AST Facility Plan required by some other regulating authority or desired by the applicant.
7. Modification to the activities described in the referenced AST Facility Plan, including Attachment "E" of the AST Facility Plan application (Response Actions to Spills), following the date of approval may require the submittal of an Edwards Aquifer Protection Plan

application to modify this approval. The payment of appropriate fees and all information necessary must be provided for its review and approval prior to initiating construction of the modifications.

8. The applicant must provide written notification of intent to commence construction, replacement, or rehabilitation of the referenced project. Notification must be submitted to the Austin Regional Office no later than 48 hours prior to commencement of the regulated activity. Written notification must include the date on which the regulated activity will commence, the name of the approved plan and program ID number for the regulated activity, and the name of the prime contractor with the name and telephone number of the contact person. The executive director will use the notification to determine if the approved plan is eligible for an extension.
9. Temporary erosion and sedimentation (E&S) controls, i.e., silt fences, rock berms, stabilized construction entrances, or other controls described in the approved AST Facility Plan, must be installed prior to construction and maintained during construction. Temporary E&S controls may be removed when vegetation is established and the construction area is stabilized. The TCEQ may monitor stormwater discharges from the site to evaluate the adequacy of temporary E&S control measures. Additional controls may be necessary if excessive solids are being discharged from the site.
10. All borings with depths greater than or equal to 20 feet must be plugged with a non-shrink grout from the bottom of the hole to within three (3) feet of the surface. The remainder of the hole must be backfilled with cuttings from the boring. All borings less than 20 feet must be backfilled with cuttings from the boring. All borings must be backfilled or plugged within four (4) days of completion of the drilling operation. Voids may be filled with gravel.

<u>During Construction:</u>

11. During the course of regulated activities related to this project, the applicant or agent shall comply with all applicable provisions of 30 TAC Chapter 213, Edwards Aquifer. The applicant shall remain responsible for the provisions and conditions of this approval until such responsibility is legally transferred to another person or entity.
12. If any sensitive feature (caves, solution cavities, sink holes, etc.) is discovered during construction, all regulated activities near the feature must be suspended immediately. The applicant or his agent must immediately notify the Austin Regional Office of the discovery of the feature. Regulated activities near the feature may not proceed until the executive director has reviewed and approved the methods proposed to protect the feature and the aquifer from potentially adverse impacts to water quality. The plan must be sealed, signed, and dated by a Texas Licensed Professional Engineer.
13. All water wells, including injection, dewatering, and monitoring wells must be in compliance with the requirements of the Texas Department of Licensing and Regulation under Title 16 TAC Chapter 76 (relating to Water Well Drillers and Pump Installers) and all other locally applicable rules, as appropriate.
14. If sediment escapes the construction site, the sediment must be removed at a frequency sufficient to minimize offsite impacts to water quality (e.g., fugitive sediment in street being washed into surface streams or sensitive features by the next rain). Sediment must be removed from sediment traps or sedimentation ponds not later than when design capacity has been reduced by 50 percent. Litter, construction debris, and construction chemicals shall be prevented from becoming stormwater discharge pollutants.
15. Intentional discharges of sediment laden water are not allowed. If dewatering becomes necessary, the discharge will be filtered through appropriately selected best management practices. These may include vegetated filter strips, sediment traps, rock berms, silt fence rings, etc.

16. The following records shall be maintained and made available to the executive director upon request: the dates when major grading activities occur, the dates when construction activities temporarily or permanently cease on a portion of the site, and the dates when stabilization measures are initiated.
17. Stabilization measures shall be initiated as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, and construction activities will not resume within 21 days. When the initiation of stabilization measures by the 14th day is precluded by weather conditions, stabilization measures shall be initiated as soon as practicable.

After Completion of Construction:

18. Attachment "E" of the AST Facility Plan application (Response Actions to Spills) shall be located on-site (copy enclosed).
19. In the event of a spill, any spillage will be drained from the containment structure within 24 hours of the spill and disposed of properly. The applicant must comply with 30 TAC Chapter 334, Subchapter D, pertaining to Release Reporting and Corrective Action.
20. During the life of the AST facility, the owner shall comply with all applicable provisions of 30 TAC §213.5(e). Additionally, the owner, City of Georgetown shall remain responsible for the provisions and conditions of this approval until such responsibility is legally transferred to another person or entity, upon which that person or entity shall assume all responsibility for provisions and specific conditions of this approval.
21. An "as-built" site plan for the facility shall be drawn to scale and in sufficient detail to depict the specific locations and dimensions of all major components of the storage system. A copy of such "as-built" site plan and construction drawings, as well as operating instructions for all major system components shall be maintained in a secure location at the site of the proposed facility. This information shall be available for examination by TCEQ personnel upon request.

This action is taken under authority delegated by the Executive Director of the Texas Commission on Environmental Quality. If you have any questions or require additional information, please contact Ryan Soutter of the Edwards Aquifer Protection Program of the Austin Regional Office at (512) 339-2929.

Sincerely,

Lillian Butler

Lillian Butler, Section Manager
Edwards Aquifer Protection Program
Texas Commission on Environmental Quality

LIB/rts

Enclosures: Deed Recordation Affidavit, Form TCEQ-0625
Attachment "E" of AST Facility Plan application (Response Actions to Spills)

cc: Ms. Ellyn Weimer, P.E., CDM Smith, Inc.

City of Georgetown

Dove Springs Wastewater Treatment Plant Improvements

Aboveground Storage Tanks Facility Plan

The Dove Springs Wastewater Treatment Plant is located at 400 Rock Dove Lane approximately 1,700 feet west of the SH130 south frontage road along Rock Dove Lane in Georgetown, Texas. The project site is located on relatively flat land that slopes gently to the southeast. Revegetation that will act as a vegetated filter strip will act as the primary permanent BMPs for the site.

1. Approved AST Plan

The Aboveground Storage Facility (AST) Plan was submitted for review to TCEQ by CDM Smith on behalf of the City of Georgetown on November 1, 2022. The AST permit was approved by TCEQ on February 8, 2023. The items associated with the approved permit included:

- Construction of 1 new aboveground storage tank that will contain No. 2 Diesel used to power the electrical generators located at Dove Springs Wastewater Treatment Plant.

A summary of the tank included in the approved AST permit is as follows in **Table 1-1**.

Table 1-1 Aboveground Storage Tanks approved in AST Permit

AST Number	Size (gallons)	Substance Stored	Tank Material
1	1,791	Diesel	Carbon Steel

A summary of the tank containment structures included in the approved AST permit is described as follows:

- The described AST is a double-walled carbon steel tank (UL 142, Subbase Tank). The inner tank serves as primary fuel storage container while the outer tank serves as the secondary containment. The two tanks will have skin-tight separation. The interstitial area between the two tanks will contain any product leaks from the primary tank with a leak detection alarm system. The total storage is 1,791 gallons. **Table 1-2** below summarizes the location of the tanks and the volume in the double-walled tank.

Table 1-2 Approved Tank Locations and Total Double-Walled Containment

AST Number	Chemical	Tank Size (gallons)	Total Tank Volume (gallons)	Containment Volume (gallons)	Ratio Containment Volume to Total Tank Volume
1	Diesel	1,791	1,791	1,970	1.10

Construction of 1 new aboveground storage tank (in addition to the 1 already approved Diesel tank), that will contain No. 2 Diesel used to power the electrical generators located at the Dove Springs Wastewater Treatment Plant.

A summary of the 1 new additional tank to be installed on the site is as follows in **Table 2-1.**

Table 2-1 Additional Aboveground Storage Tanks

AST Number	Size (gallons)	Substance Stored	Tank Material
2	774	Diesel	Welded Steel

The proposed generator fuel tank is double-wall subbase design carbon steel construction tanks complying with UL-142 Standard. The inner tank serves as the primary fuel storage container while the outer tank serves as secondary containment. The subbase tanks include a welded steel containment basin, sized at a minimum of 110 percent of the tank capacity to prevent the escape of fuel into the environment in the event of a tank rupture. **Table 2-2** below summarizes the approximate tank dimensions.

Table 2-2 UL -42 Double-Wall Tanks Dimensions

Chemical	Tank Size (gallons)	Number of Tanks	Length (ft)	Width (ft)	Height (ft)
No. 2 Diesel	774	1	22	4.7	2.2

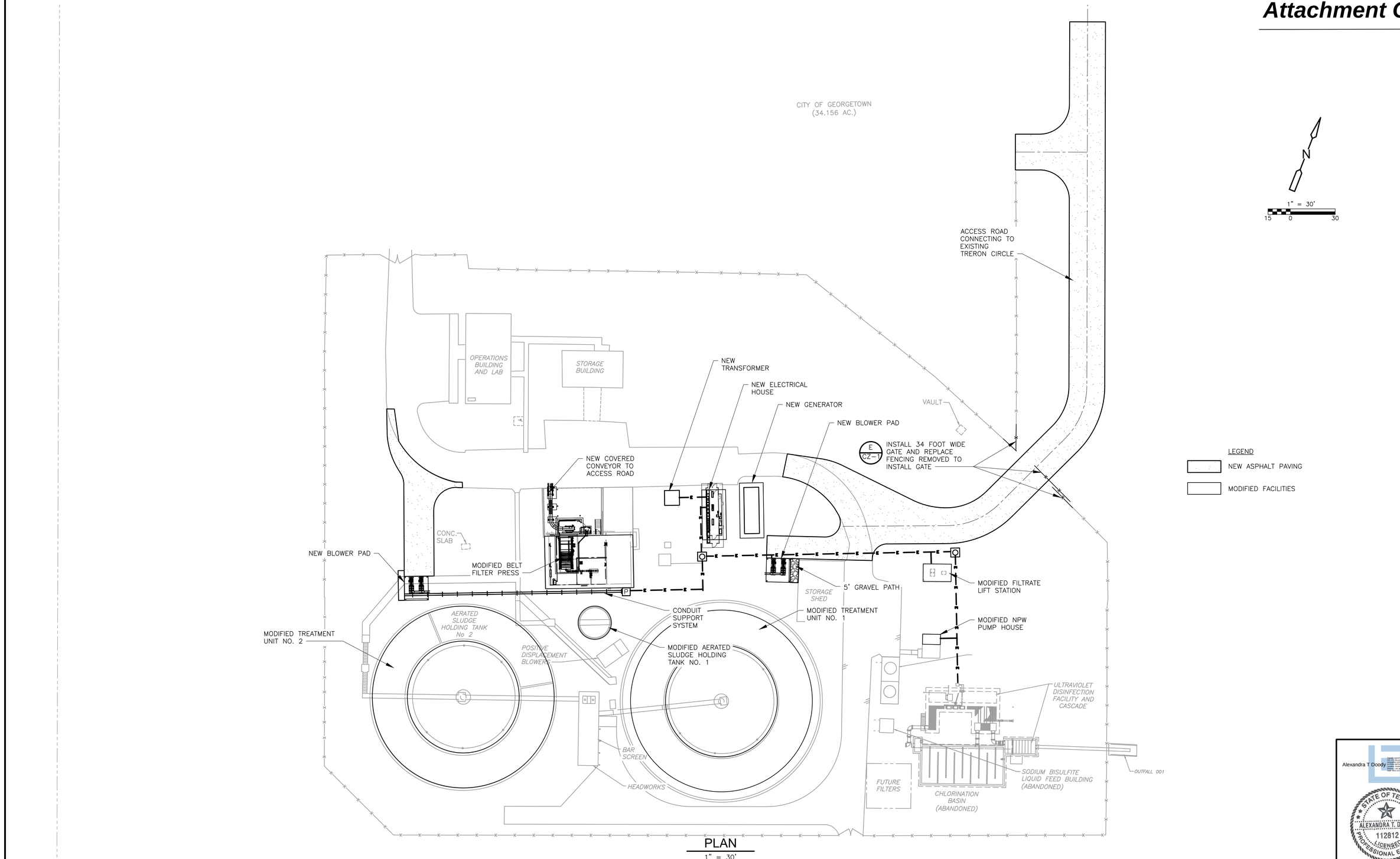
2. Proposed Modifications to Approved AST Plan

The items associated with the modification permit include the addition of the following:

774 gallon welded steel subbase tank for emergency generator

The tanks are shown on the construction plans attached with this submittal.

Attachment C



PLAN
1" = 30'

Alexandra T Doody

STATE OF TEXAS
ALEXANDRA T. DOODY
112812
LICENSED
PROFESSIONAL ENGINEER

REV. NO.	DATE	DRWN	CHKD	REMARKS

DESIGNED BY: E. WEIMER
DRAWN BY: S. MALPASS
SHEET CHK'D BY: A. DOODY
CROSS CHK'D BY: A. WOELKE
APPROVED BY: A. DOODY
DATE: OCTOBER 2022

CDM Smith
9430 Research Blvd., Suite 1-200
Austin, TX 78759
Tel: (512) 346-1100
TBPE Firm Registration No. F-3043

CITY OF GEORGETOWN, TEXAS

DOVE SPRINGS WWTP AND SAN GABRIEL WWTP REHABILITATION

DOVE SPRINGS WWTP
PROPOSED SITE PLAN

PROJECT NO. 2048-264953
FILE NAME: C103STPL.DWG

SHEET NO.
DS-C-3

90% SUBMITTAL - NOT FOR CONSTRUCTION

Aboveground Storage Tank Facility Plan Application

Texas Commission on Environmental Quality

For Permanent Storage on The Edwards Aquifer Recharge and Transition Zones And Relating to 30 TAC §213.5(e), Effective June 1, 1999

To ensure that the application is administratively complete, confirm that all fields in the form are complete, verify that all requested information is provided, consistently reference the same site and contact person in all forms in the application, and ensure forms are signed by the appropriate party.

Note: Including all the information requested in the form and attachments contributes to more streamlined technical reviews.

Signature

To the best of my knowledge, the responses to this form accurately reflect all information requested concerning the proposed regulated activities and methods to protect the Edwards Aquifer. This **Aboveground Storage Tank Facility Plan Application** is hereby submitted for TCEQ review and Executive Director approval. The application was prepared by:

Print Name of Customer/Agent: Ellyn Weimer, PE

Date: 12-04-2024

Signature of Customer/Agent:

Regulated Entity Name: Dove Springs WWTP Improvements

Aboveground Storage Tank (AST) Facility Information

1. Tanks and substance stored:

Table 1 - Tank and Substance Storage

AST Number	*Size (Gallons)*	*Substance to be Stored*	*Tank Material*
1	774	Diesel	Carbon Steel
2			
3			
4			

AST Number	*Size (Gallons)*	*Substance to be Stored*	*Tank Material*
5			

Total x 1.5 = 1,161 **Gallons**

2. ☐ The AST will be placed within a containment structure that is sized to capture one and one-half (1 1/2) times the storage capacity of the system. For facilities with more than one tank system, the containment structure is sized to capture one and one-half (1 1/2) times the cumulative storage capacity of all systems.

   ☒ **Attachment A - Alternative Methods of Secondary Containment**. Alternative methods for providing secondary containment are proposed. Specifications that show equivalent protection for the Edwards Aquifer are attached.

3. Inside dimensions and capacity of containment structure(s):

Table 2 - Secondary Containment

Length (L) (Ft.)	*Width (W) (Ft.)*	*Height (H) (Ft.)*	*L x W x H = (Ft3)*	*Gallons*
22	4.7	2.2	227.5	1,701

Total: 1,701 **Gallons**

4. ☒ All piping, hoses, and dispensers will be located inside the containment structure.

   ☐ Some of the piping to dispensers or equipment will extend outside the containment structure.
   - ☐ The piping will be aboveground
   - ☐ The piping will be underground

5. ☒ The containment area must be constructed of and in a material impervious to the substance(s) being stored. The proposed containment structure will be constructed of UL-142 double-wall carbon steel.

6. ☒ **Attachment B - Scaled Drawing(s) of Containment Structure**. A scaled drawing of the containment structure that shows the following is attached:

   - ☐ Interior dimensions (length, width, depth and wall and floor thickness).
   - ☐ Internal drainage to a point convenient for the collection of any spillage.
   - ☒ Tanks clearly labeled.
   - ☐ Piping clearly labeled.
   - ☐ Dispenser clearly labeled.

Site Plan Requirements

Items 7 - 18 must be included on the Site Plan.

7. ☒ The Site Plan must have a minimum scale of 1" = 400'.

   Site Plan Scale: 1" = 40'.

8. 100-year floodplain boundaries:

   ☐ Some part(s) of the project site is located within the 100-year floodplain. The floodplain is shown and labeled.
   ☒ No part of the project site is located within the 100-year floodplain.

   ☒ The 100-year floodplain boundaries are based on the following specific (including date of material) sources(s): FEMA FIRM 48491C0294F.

9. ☒ The layout of the development is shown with existing and finished contours at appropriate, but not greater than ten-foot contour intervals. Show lots, recreation centers, buildings, roads, etc.

   ☐ The layout of the development is shown with existing contours. Finished topographic contours will not differ from the existing topographic configuration and are not shown.

10. All known wells (oil, water, unplugged, capped and/or abandoned, test holes, etc.):

    ☐ There are _____ (#) wells present on the project site and the locations are shown and labeled. (Check all of the following that apply):
    ☐ The wells are not in use and have been properly abandoned.
    ☐ The wells are not in use and will be properly abandoned.
    ☐ The wells are in use and comply with 16 TAC § 76.

    ☒ There are no wells or test holes of any kind known to exist on the project site.

11. Geologic or manmade features which are on the site:

    ☐ All sensitive geologic or manmade features identified in the Geologic Assessment are shown and labeled.
    ☐ No sensitive geologic or manmade features were identified in the Geologic Assessment.
    ☒ **Attachment C - Exception to the Geologic Assessment**. A request and justification for an exception to a portion of the Geologic Assessment is attached.

12. ☒ The drainage patterns and approximate slopes anticipated after major grading activities.

13. ☒ Areas of soil disturbance and areas which will not be disturbed.

14. ☒ Locations of major structural and nonstructural controls. These are the temporary and permanent best management practices.

15. ☒ Locations where soil stabilization practices are expected to occur.

16. ☐ Surface waters (including wetlands).

    ☒ N/A

17. ☐ Locations where stormwater discharges to surface water or sensitive features.

    ☒ There will be no discharges to surface water or sensitive features.

18. ☒ Legal boundaries of the site are shown.

Best Management Practices

19. ☒ Any spills must be directed to a point convenient for collection and recovery. Spills from storage tank facilities must be removed from the controlled drainage area for disposal within 24 hours of the spill.

    ☒ In the event of a spill, any spillage will be removed from the containment structure within 24 hours of the spill and disposed of properly.

    ☐ In the event of a spill, any spillage will be drained from the containment structure through a drain and valve within 24 hours of the spill and disposed of properly. The drain and valve system are shown in detail on the scaled drawing.

20. ☒ All stormwater accumulating inside the containment structure will be disposed of through an authorized waste disposal contractor.

    ☐ Containment area will be covered by a roof.

    ☒ Containment area will not be covered by a roof.

    ☐ A description of the alternate method of stormwater disposal is submitted for the executive director's review and approval and is attached.

21. ☒ **Attachment D - Spill and Overfill Control**. A site-specific description of the methods to be used at the facility for spill and overfill control is attached.

22. ☒ **Attachment E - Response Actions to Spills**. A site-specific description of the planned response actions to spills that will take place at the facility is attached.

Administrative Information

23. A Water Pollution Abatement Plan (WPAP) is required for construction of any associated commercial, industrial or residential project located on the Recharge Zone.

    ☐ The WPAP application for this project was approved by letter dated _____. A copy of the approval letter is attached at the end of this application.

    ☐ The WPAP application for this project was submitted to the TCEQ on _____, but has not been approved.

    ☐ A WPAP application is required for an associated project, but it has not been submitted.

☐ There will be no building or structure associated with this project. In the event a building or structure is needed in the future, the required WPAP will be submitted to the TCEQ.

☒ The proposed AST is located on the Transition Zone and a WPAP is not required. Information requested in 30 TAC 213.5 subsection (b) (4)(B) and (C) and (5) is provided with this application. (Forms TCEQ-0600 Permanent Stormwater Section and TCEQ-0602 Temporary Stormwater Section or Stormwater Pollution Prevention Plan/SW3P).

24. ☒ This facility is subject to the requirements for the reporting and cleanup of surface spills and overfills pursuant to 30 TAC 334 Subchapter D relating to Release Reporting and Corrective Action.

25. ☒ Submit one (1) original and one (1) copy of the application, plus additional copies as needed for each affected incorporated city, groundwater conservation district, and county in which the project will be located. The TCEQ will distribute the additional copies to these jurisdictions. The copies must be submitted to the appropriate regional office.

26. ☒ Any modification of this AST Facility Plan application will require executive director approval, prior to construction, and may require submission of a revised application, with appropriate fees.

City of Georgetown

Dove Springs WWTP Improvements

Aboveground Storage Tanks Facility Plan

Alternative methods other than a containment structure sized to capture one and one-half times the storage capacity of the system for the proposed fuel tank is proposed. The proposed generator fuel tank is double-wall subbase design carbon steel construction tanks complying with UL-142 Standard, as indicated by the National Fire Protection Association (NFPA) 30 – Flammable and Combustible Liquids Code. The inner tank serves as the primary fuel storage container while the outer tank serves as secondary containment.

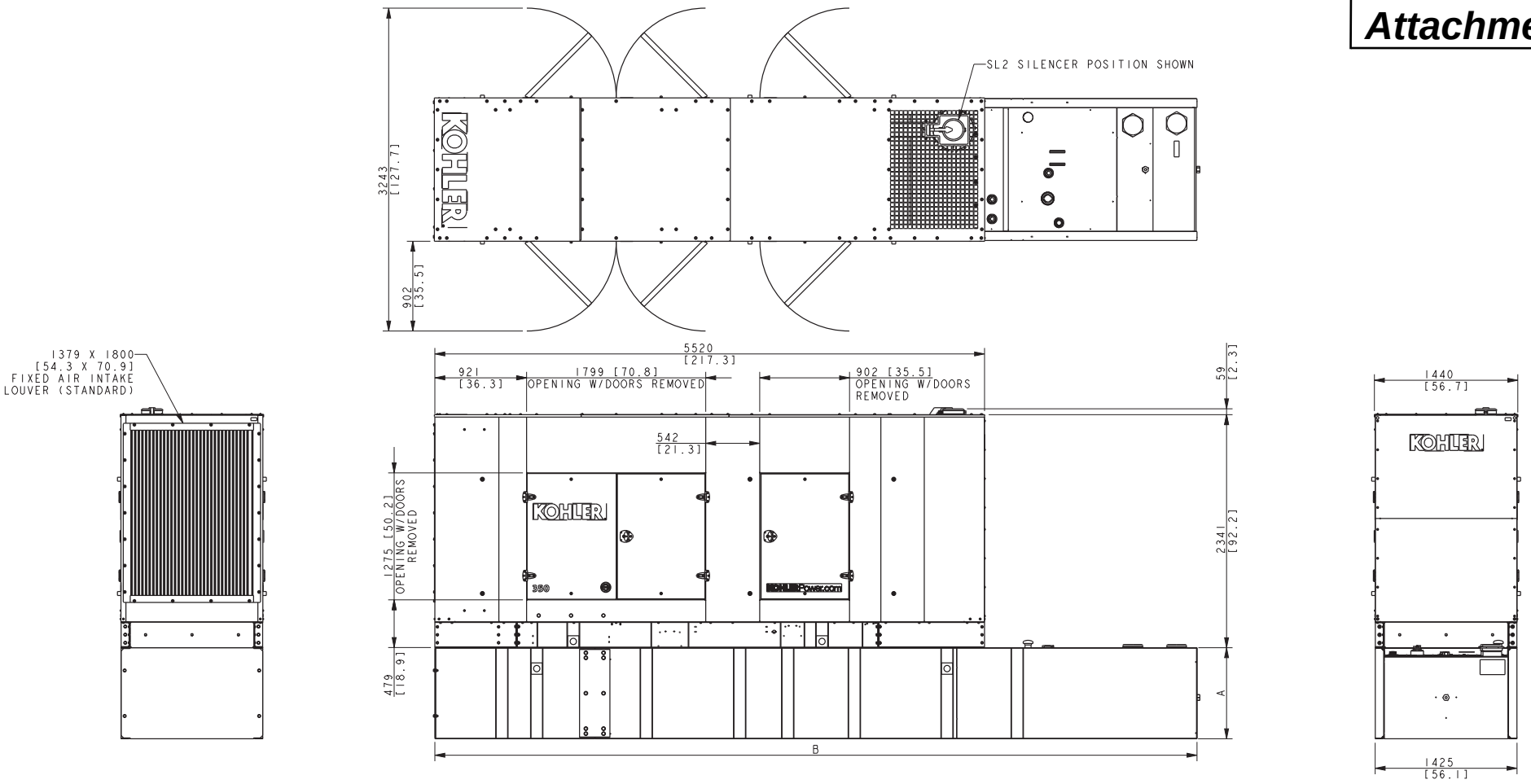
According to the Texas Administrative Code (TAC), double-wall tanks may be used to comply with the secondary containment requirements of TAC 30, §334.45, provided that the tanks meet the following additional provisions:

- The secondary wall of such double-wall tanks shall be structurally designed to contain and support the full-load capacity of the primary tank without failure.
- The double-wall tank (including both the primary and secondary tank walls) shall be protected from corrosion in accordance with one or more of the allowable methods included in TAC 30 §334.49 -Corrosion Protection.
- The double-wall tank shall be designed, installed, operated, and maintained in accordance with the applicable codes or standards of practice developed by a nationally recognized association or independent testing laboratory that has been reviewed and determined by the agency to be no less protective of human health and safety, and the environment than the standards described in accordance with procedures in TAC 30 §334.43 and TAC 30§334.45.

The subbase tank will include a welded steel containment basin, sized at a minimum of 110 percent of the tank capacity to prevent the escape of fuel into the environment in the event of a tank rupture. The generator fill ports will be equipped with a an overfill prevention valve as well as a leak detection system for the interstitial space to alert for any potential leaks. The tanks will also have a tank level indicator, with high and low-level switches to indicate fuel level at all times. Refer to **Attachment D** for spill and overfill response procedures.

A scaled drawing of the generator and fuel tank is provided in **Attachment B,** which includes the Engineer approved shop drawings for the generator and the fuel tank submitted by the Contractor that show compliance with containment provisions in order to prevent leaks into the Edward's Aquifer.

Attachment B



TANK INFORMATION				
LITERS [GALLONS] MIN HOURS	GENSETS	DIM A MM [INCH]	DIM B MM [INCH]	TANK WEIGHT KG [LBS] (NO FUEL)
1530 [404] 12 HOURS	350-400KW	406.4 [16.0]	5760.8[226.8]	1110 [2446]
1771 [468] 12 HOURS	500KW	457.2 [18.0]	5760.8[226.8]	1158 [2554]
2930 [774] 24 HOURS	350-400KW	762.0 [30.0]	5760.8[226.8]	1401 [3089]
3384 [894] 24 HOURS	500KW	838.2 [33.0]	5760.8[226.8]	1484 [3271]
4394 [1161] 36 HOURS	350-400KW	914.4 [36.0]	6459.8[254.3]	1789 [3945]
5047 [1333] 36 HOURS	500KW	914.4 [36.0]	7094.8[279.3]	1986 [4379]
1530 [404] 12 HOURS STATE	350-400KW	381.0 [15.0]	6713.8[264.3]	1299 [2864]
1771 [468] 12 HOURS STATE	500KW	431.8 [17.0]	6713.8[264.3]	1333 [2939]
2930 [774] 24 HOURS STATE	350-400KW	660.4 [26.0]	6713.8[264.3]	1547 [3411]
3384 [894] 24 HOURS STATE	500KW	736.6 [29.0]	6713.8[264.3]	1630 [3594]
4394 [1161] 36 HOURS STATE	350-400KW	914.4 [36.0]	6891.6[271.3]	1847 [4072]
5047 [1333] 36 HOURS STATE	500KW	914.4 [36.0]	7653.6[301.3]	2094 [4616]

350-500KW REOZJC/D
STEEL & ALUMINUM ENCL.
12 - 36 HOUR TANKS

350-500 REOZJC/D	KG [LBS]
STEEL SOUND L2 ENCLOSURE WEIGHT	1000 [2205] APPROX
ALUM. SOUND L2 ENCLOSURE WEIGHT	590 [1300] APPROX
STEEL SOUND L1 ENCLOSURE WEIGHT	870 [1920] APPROX
ALUM. SOUND L1 ENCLOSURE WEIGHT	460 [1015] APPROX
STEEL WEATHER ENCLOSURE WEIGHT	850 [1875] APPROX

REV	DATE	ON COMPOSITE DWGS, SEE PART NO. FOR REVISION LEVEL	BY
-	25NOV2019	NEW DRAWING [CT200393]	YBY
A	17AUG2021	SHEET 6 & 7 [CT214138]	RNN
B	1NOV2021	SHEET 8 ADDED; SEE SHEET 7 & 8 [CT215771]	SAK
C	14DEC2021	SHEET 9 & 10 ADDED [CT216616]	MVT

DO NOT SCALE, REFERENCE THE MODEL FOR ALL UNSPECIFIED DIMENSIONS

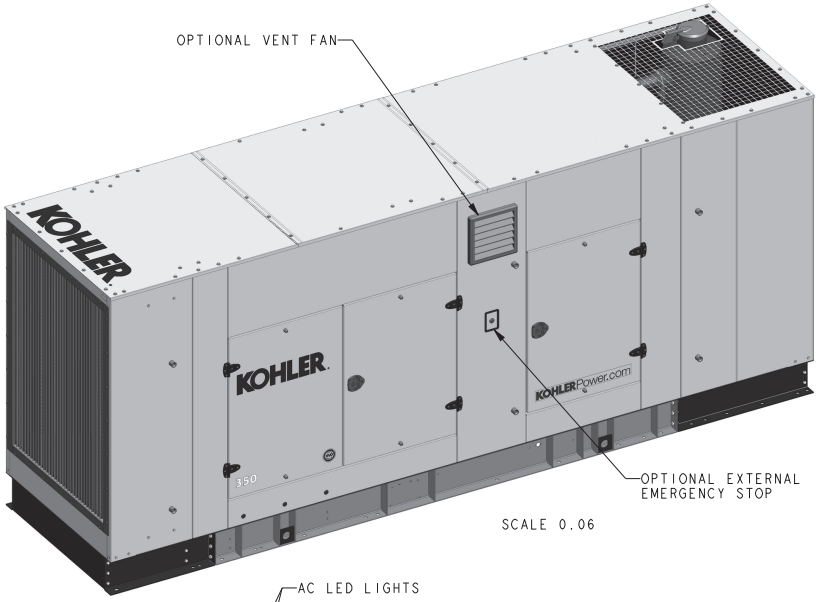
THIRD-ANGLE PROJECTION

APPROVALS		DATE
DRAWN	YBY	25NOV2019
CHECKED	KJB	25NOV2019
APPROVED	DMS	25NOV2019

TITLE: DIMENSION PRINT, 350-500REOZJC/D ENCL & TANKS

SCALE 0.05 | CAD NO. | SHEET of 10

DWG NO. ADV-9189 | D



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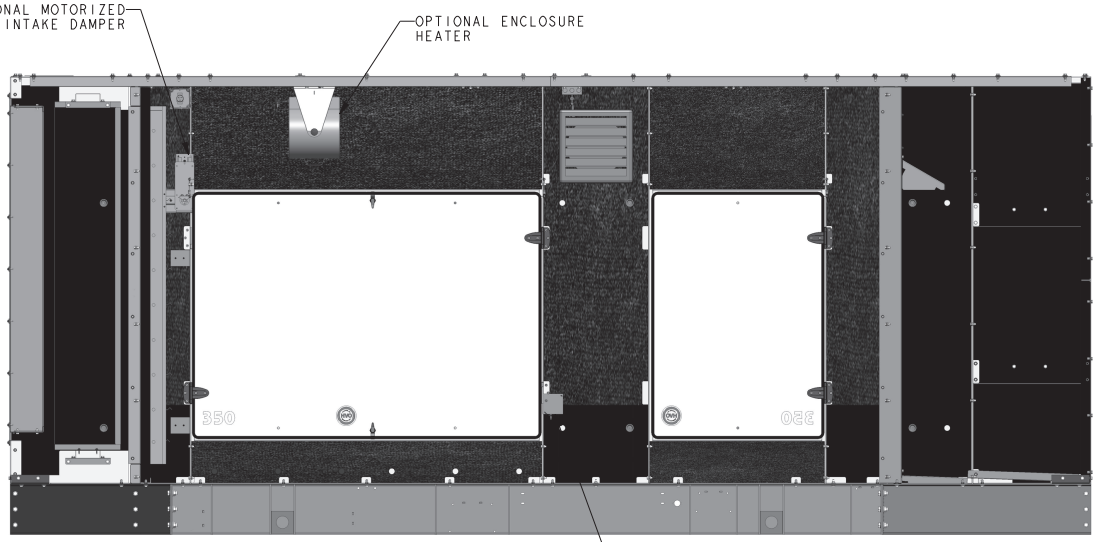
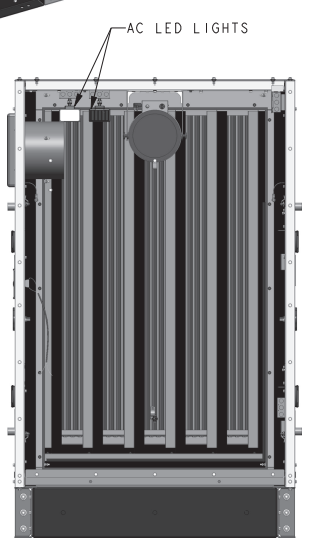




REV	DATE	ON COMPOSITE DWGS, SEE PART NO. FOR REVISION LEVEL	BY
-	25NOV2019	NEW DRAWING [CT200393]	YBY
A	17AUG2021	SEE SHEET 6 & 7 [CT214138]	RNN
B	1NOV2021	SEE SHEET 7 & 8 [CT215771]	SAK
C	14DEC2021	SEE SHEET 1, 9 & 10 [CT216616]	MVT

DO NOT SCALE, REFERENCE THE MODEL FOR ALL UNSPECIFIED DIMENSIONS

THIRD-ANGLE PROJECTION

APPROVALS		DATE
DRAWN	YBY	25NOV2019
CHECKED	KJB	25NOV2019
APPROVED	DMS	25NOV2019

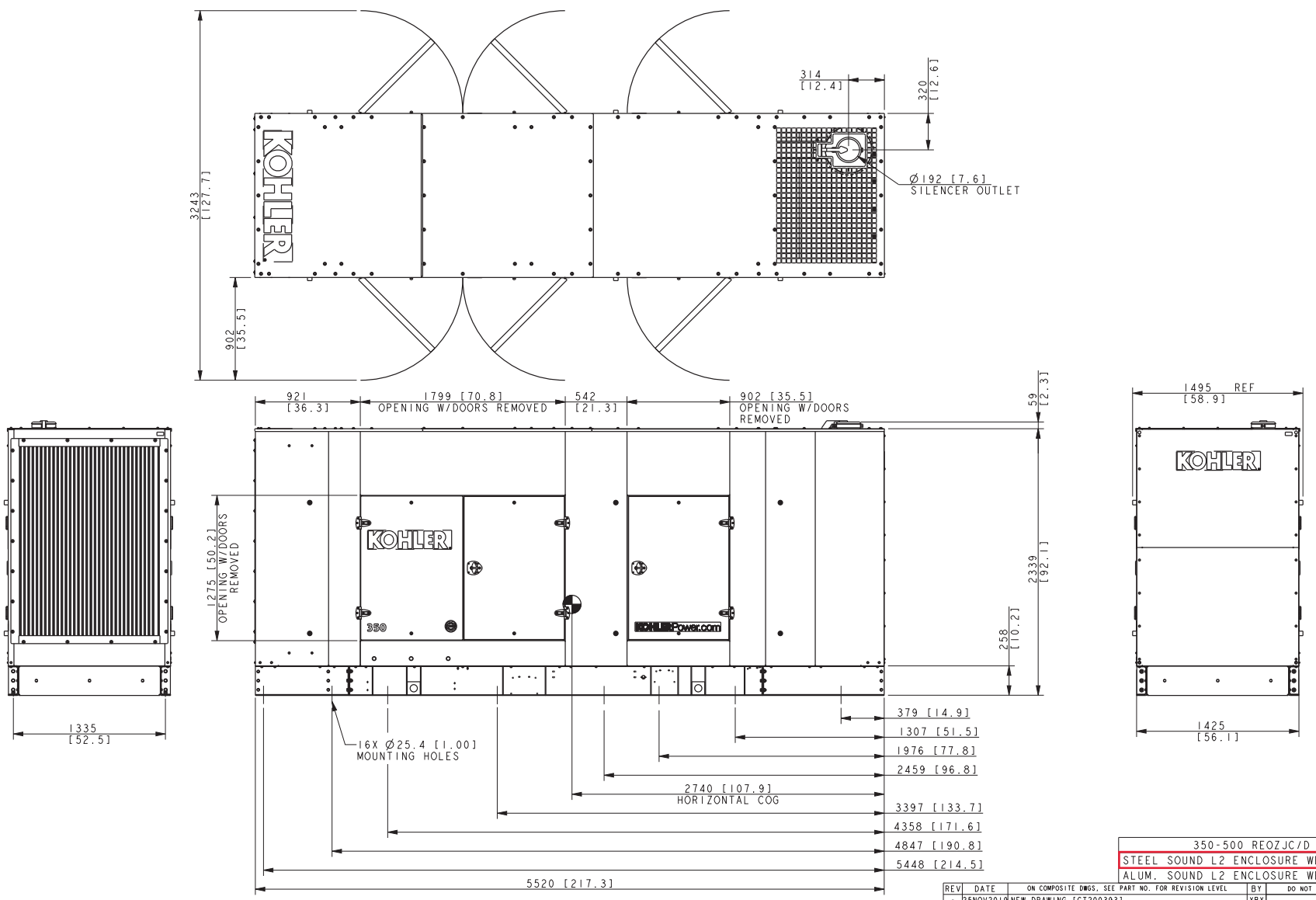
KOHLER.
KOHLER, WISCONSIN 53044

TITLE: DIMENSION PRINT, 350-500REOZJC/D ENCL & TANKS

SCALE 0.08 | CAD NO. | SHEET 3 of 10

DWG NO. ADV-9189 | D

350-500KW REOZJC/D
ENCLOSURE OPTIONAL ACCESSORIES



350-500 REOZJC/D	KG [LBS]
STEEL SOUND L2 ENCLOSURE WEIGHT	1000 [2205] APPROX
ALUM. SOUND L2 ENCLOSURE WEIGHT	590 [1300] APPROX

REV	DATE	ON COMPOSITE DWGS, SEE PART NO. FOR REVISION LEVEL	BY
-	25NOV2019	NEW DRAWING [CT200393]	YBY
A	17AUG2021	SEE SHEET 6 & 7 [CT214138]	RNN
B	1NOV2021	SEE SHEET 7 & 8 [CT215771]	SAK
C	14DEC2021	SEE SHEET 1, 9 & 10 [CT216616]	MVT

DO NOT SCALE, REFERENCE THE MODEL FOR ALL UNSPECIFIED DIMENSIONS

350-500KW REOZJC/D
STEEL & ALUMINUM SL2 ENCL.

KOHLER
KOHLER, WISCONSIN 53044

THIRD ANGLE PROJECTION

APPROVALS		DATE
DRAWN	YBY	25NOV2019
CHECKED	KJB	25NOV2019
APPROVED	DMS	25NOV2019

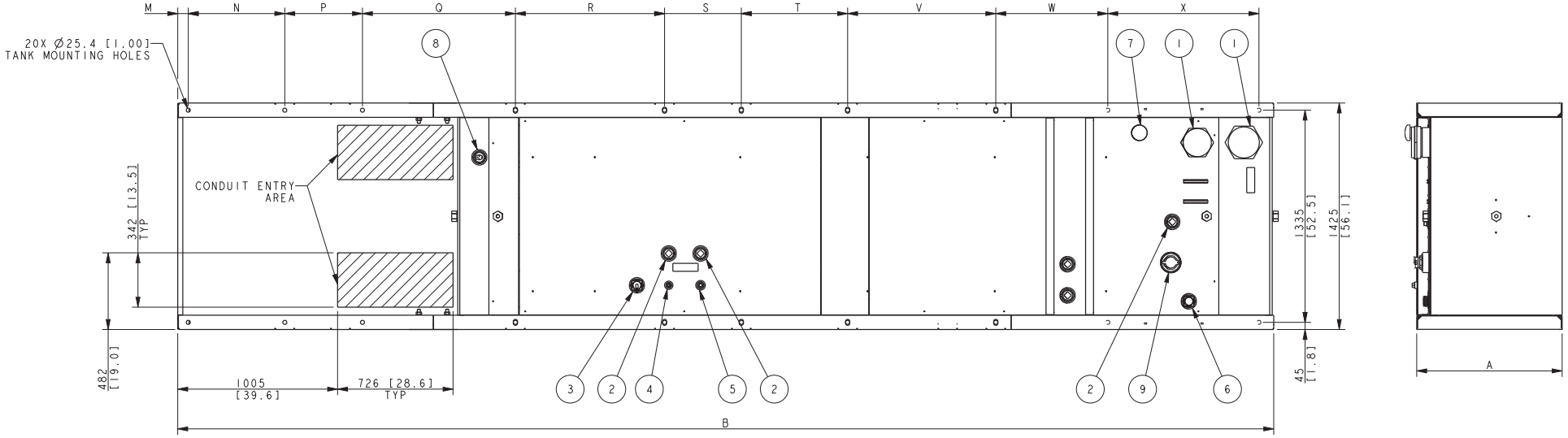
TITLE: **DIMENSION PRINT, 350-500REOZJC/D ENCL & TANKS**

SCALE 0.06 | CAD NO. | SHEET 1 of 10

DWG NO. **ADV-9189** | **D**

TANK INFORMATION

LITERS [GALLONS] MIN HOURS	GENSETS	DIM A MM [INCH]	DIM B MM [INCH]	M	N	P	Q	R	S	T	V	W	X
1530 [404] 12 HOURS	350-400KW	406.4 [16.0]	5760.8 [226.8]	66.3 [2.61]	606.8 [23.89]	488.5 [19.23]	961.7 [37.86]	937.9 [36.93]	482.6 [19.00]	668.6 [26.32]	931.5 [36.67]	931.5 [36.67]	523.9 [20.63]
1771 [468] 12 HOURS	500KW	457.2 [18.0]	5760.8 [226.8]										
2930 [774] 24 HOURS	350-400KW	762.0 [30.0]	5760.8 [226.8]										
3384 [894] 24 HOURS	500KW	838.2 [33.0]	5760.8 [226.8]										
4394 [1161] 36 HOURS	350-400KW	914.4 [36.0]	6459.8 [254.3]									574.6 [22.62]	648.3 [25.52]
5047 [1333] 36 HOURS	500KW	914.4 [36.0]	7094.8 [279.3]									577.0 [22.72]	576.6 [22.70]
1530 [404] 12 HOURS STATE	350-400KW	381.0 [15.0]	6713.8 [264.3]									664.2 [26.15]	812.7 [32.00]
1771 [468] 12 HOURS STATE	500KW	431.8 [17.0]	6713.8 [264.3]										
2930 [774] 24 HOURS STATE	350-400KW	660.4 [26.0]	6713.8 [264.3]									704.3 [27.73]	772.6 [30.42]
3384 [894] 24 HOURS STATE	500KW	736.6 [29.0]	6713.8 [264.3]										
4394 [1161] 36 HOURS STATE	350-400KW	914.4 [36.0]	6891.6 [271.3]										950.4 [37.42]
5047 [1333] 36 HOURS STATE	500KW	914.4 [36.0]	7653.6 [301.3]									891.3 [35.09]	821.1 [32.33]



4396 [1161 GAL.] 36 HOUR STATE TANK SHOWN.

ITEM	DESCRIPTION
9	FILL CAP, 2" LOCKABLE W/PIPE RISER
8	SWITCH, FUEL IN BASIN TOP MTD, 2"
7	VENT, NORMAL
6	GAUGE, FUEL LEVEL, DIRECT READ
5	RETURN, FUEL (3/4" NPT)
4	SUPPLY, FUEL (1/2" NPT)
3	GAUGE, FUEL LEVEL, W/ SENDER
2	PLUG, PIPE (2" NPT)
1	CAP, EMERGENCY VENT

REV	DATE	ON COMPOSITE DWGS, SEE PART NO. FOR REVISION LEVEL	BY
-	25NOV2019	NEW DRAWING [CT200393]	YBY
A	17AUG2021	(C-8) 20X Ø25.4 [1.00] ADDED, SEE SHEET 7	
		[CT214138]	RNN
B	1NOV2021	SEE SHEET 7 & 8 [CT215771]	SAK
C	14DEC2021	SEE SHEET 1, 9 & 10 [CT216616]	MVT

DO NOT SCALE, REFERENCE THE MODEL FOR ALL UNSPECIFIED DIMENSIONS

THIRD-ANGLE PROJECTION

APPROVALS		DATE
DRAWN	YBY	25NOV2019
CHECKED	KJB	25NOV2019
APPROVED	DMS	25NOV2019

TITLE: **DIMENSION PRINT, 350-500REOZJC/D ENCL & TANKS**

SCALE 0.08 | CAD NO. | SHEET 6 of 10

DWG NO. **ADV-9189** | **D**

350-500KW REOZJC/D ENCLOSED
12 - 36 HOUR TANKS

TECHNICAL INFORMATION BULLETIN

Alternator Data Sheet

Alternator Model: 4M4021 03-MAY-13

Kilowatt ratings at	1800 RPM	60 Hertz	12 LEADS	Standard 3 phase
kW (kVA)	3 Phase	0.8 Power Factor		Dripproof or Open Enclosure

	Class B	Class F					Class H		
Voltage*	80° C ① Continuous	90° C ① Lloyds	95° C ① ABS	105° C ② British Standard	105° C ① Continuous	130° C ① Standby	125° C ② British Standard	125° C ① Continuous	150° C ① Standby
480/240	330 (413)	350 (438)	365 (456)	380 (475)	380 (475)	405 (506)	400 (500)	405 (506)	440 (550)
460/230	325 (406)	345 (431)	355 (444)	370 (463)	370 (463)	400 (500)	395 (494)	395 (494)	425 (531)
440/220	315 (394)	335 (419)	345 (431)	360 (450)	360 (450)	390 (488)	380 (475)	380 (475)	410 (513)
416/208	315 (394)	320 (400)	330 (413)	355 (444)	355 (444)	380 (475)	365 (456)	375 (469)	400 (500)
380/190	280 (350)	295 (369)	315 (394)	315 (394)	315 (394)	315 (394)	315 (394)	315 (394)	315 (394)

① *Rise by resistance method, Mil-Std-705, Method 680.1b.* ② *British Standard Rating per BS 5000*

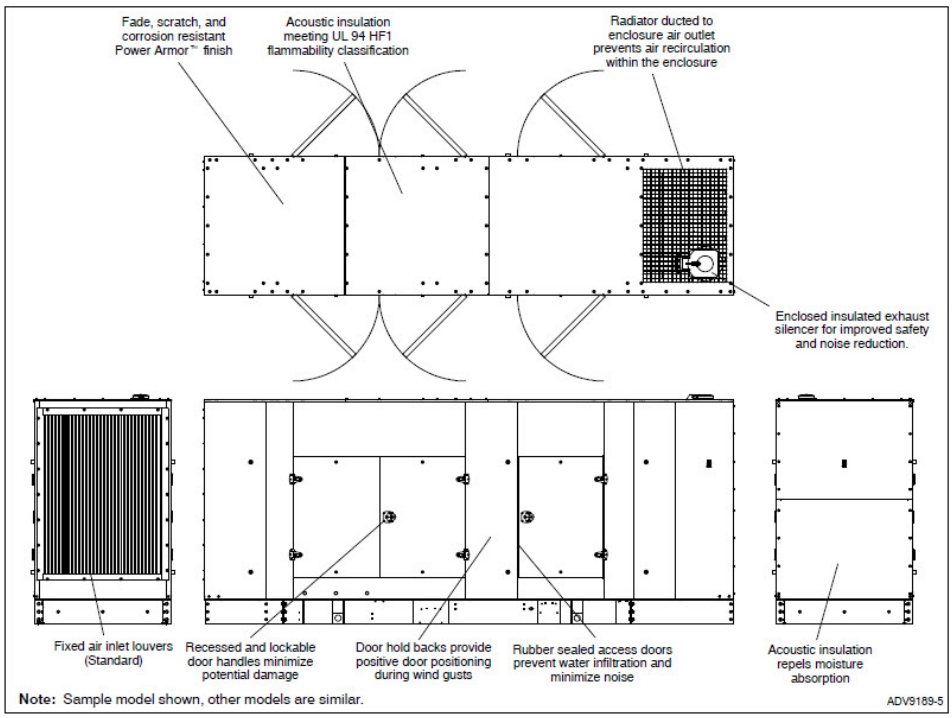
Submittal Data: 480 Volts*, 404.8 kW, 506 kVA, 0.8 P.F., 1800 RPM, 60 Hz, 3 Phase **STD. CONNECTION**

Mil-Std-705B Method	Description	Value
301.1b	Insulation Resistance	>1.5 Meg
302.1a	High Potential Test	
	Main Stator	2000 Volts
	Main Rotor	1500 Volts
	Exciter Stator	1500 Volts
	Exciter Rotor	1500 Volts
	PMG Stator	1500 Volts
401.1a	Stator Resistance, Line to Line	
	High Wye Connection	0.0137 Ohms
	Rotor Resistance	0.297 Ohms
	Exciter Stator	22.5 Ohms
	Exciter Rotor	0.022 Ohms
	PMG Stator	2.1 Ohms
410.1a	No Load Exciter Field Amps at 240/480 Volts Line to Line	0.61 A DC
420.1a	Short Circuit Ratio	0.533
421.1a	Xd Synchronous Reactance	2.553 pu
		1.162 ohms
422.1a	X2 Negative Sequence React.	0.218 pu
		0.099 ohms
423.1a	X0 Zero Sequence Reactance	0.039 pu
		0.018 ohms
425.1a	X'd Transient Reactance	0.13 pu
		0.059 ohms
426.1a	X"d Subtransient Reactance	0.108 pu
		0.049 ohms
--	Xq Quadrature Synchronous	1.14 pu
		0.519 ohms
427.1a	T'd Transient Short Circuit Time Constant	0.074 sec.
428.1a	T"d Subtransient Short Circuit Time Constant	0.006 sec.
430.1a	T'do Transient Open Circuit Time Constant	1.55 sec.
432.1a	Ta Short Circuit Time Constant of Armature Winding	0.019 sec.

Mil-Std-705B Method	Description	Value
505.3b	Overspeed	2250 RPM
507.1c	Phase Sequence CCW-ODE	ABC
508.1c	Voltage Balance, L-L or L-N	0.20%
601.4a	L-L Harmonic Maximum - Total (Distortion Factor)	5.0%
601.4a	L-L Harmonic Maximum - Single	3.0%
601.1c	Deviation Factor	5.0%
---	TIF (1960 Weightings)	< 50
---	THF (IEC, BS & NEMA Weightings)	< 2 %
652.1a	Shaft Current	< 0.1 ma
---	Main Stator Capacitance to ground	0.021 mfd
	Additional Prototype Mil-Std Methods are Available on Request.	
--	Generator Frame	433
--	Type	MAGNAMAXDVR
--	Insulation	Class H
--	Coupling - Single Bearing	Flexible
--	Amortisseur Windings	Full
--	Excitation	Ext. Voltage Regulated, Brushless
--	Cooling Air Volume	1050 CFM
--	Heat rejection rate	1392 Btu's/min
--	Full load current	609 amps
--	Minimum Input hp required	575.4
	Efficiency at rated load :	94.3%
--	Full load torque	1678 Lb-ft

* Voltage refers to wye (star) connection, unless otherwise specified.

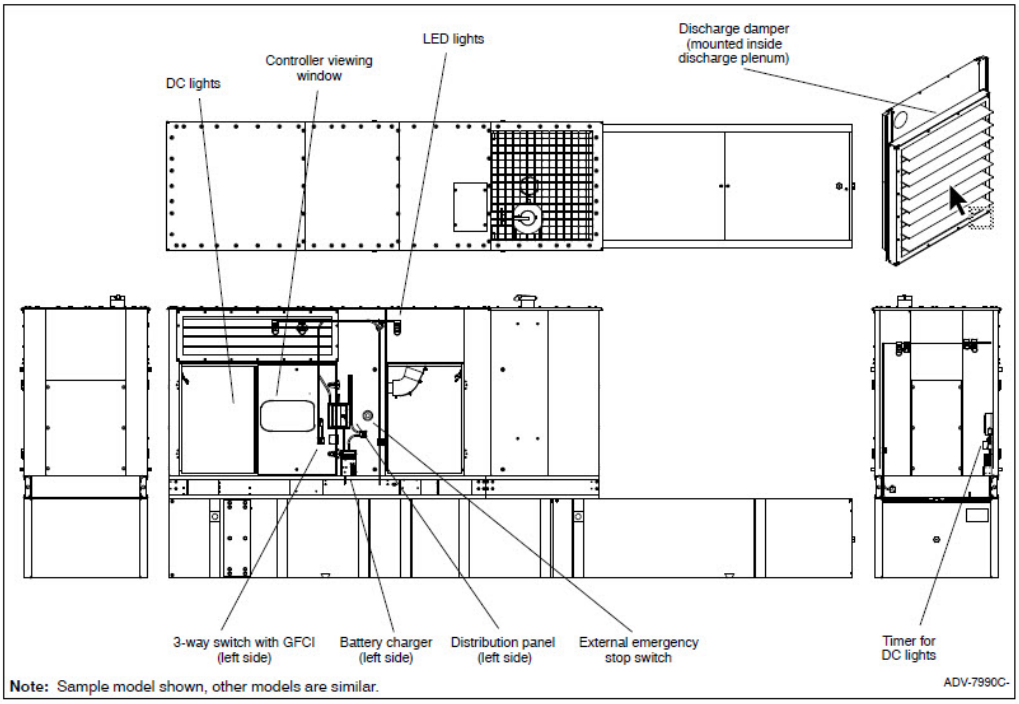
Level 1 Sound Enclosure



Sound Enclosure Features

- Heavy-duty formed panels, solid construction. Preassembled package offering corrosion resistant, dent resilient structure mounting directly to the generator set skid. Available in 14 gauge steel.
- Power Armor automotive-grade finish resulting in advanced corrosion and abrasion protection as well as enhanced edge coverage and color retention.
- Internal exhaust silencer offering maximum component life and operator safety.
- Note: Installing an additional length of exhaust tail pipe may increase backpressure levels. Please refer to the generator set spec sheet for the maximum backpressure value.
- Service access. Multi-personnel doors for easy access to generator set control and servicing of the fuel fill, fuel gauge, oil fill, and battery.
- Interchangeable modular panel construction. Allows complete serviceability or replacement without compromising enclosure design.
- Bolted panels facilitate service, future modification upgrades, or field replacement.
- Cooling/combustion air intake. Weather protective designs using fixed air inlet louvers. Sized for maximum cooling airflow.
- Cooling air discharge. Attenuated models offering an internal vertical discharge scoop that redirects cooling air up and above the enclosure to reduce noise.
- Sound-attenuating design using a silencer and acoustic insulation UL 94 HF1 listed for flame resistance.

Weather and Sound Enclosure Options



- Extended operation. Usable tank capacities offers full load standby operation of up to 72 hours.
- Power Armor Plus textured epoxy-based rubberized coating that creates an ultra-thick barrier between the tank and harsh environmental conditions like humidity, saltwater, and extreme temperatures, and provides advanced corrosion and abrasion protection.
- UL listed. Secondary containment generator set base tank meeting UL 142 tank requirements.
- NFPA compliant. Designed to comply with the installation standards of NFPA 30 and NFPA 37.
- Integral external lift lugs. Enables crane with spreader-bar lifting of the complete package (empty tank, mounted generator set, and enclosure) to ensure safety.
- Emergency pressure relief vents. Meets UL requirements; ensures adequate venting of inner and outer tank under extreme pressure and/or emergency conditions.
- Normal vent with cap. Vent is raised above lockable fuel fill.
- Fuel level sender with fuel level and low and high fuel warning annunciated through the generator set controller.
- Leak detection switch. Annunciates a contained primary tank fuel leak condition at generator set control.
- Electrical stub-up.

Accessories

DC Light Package - with LED Lights:
Prewired DC light package offering an economical alternative light source within the enclosure, as a complement to the BEP or a source of light when AC power is not available.Battery drain limited

with fuse protection and controlled through a 0-60 minute, spring-wound, no-hold timer.Available in either incadescent of LED.

City of Georgetown

Dove Springs WWTP Improvements

Aboveground Storage Tanks Facility Plan

The proposed Dove Springs WWTP Improvements will occur within the property of the WWTP. The Dove Springs WWTP is located approximately 1,700 feet west of the intersection of SH130 south frontage road and Rock Dove Lane at 400 Rock Dove Lane in Georgetown, Texas.

The proposed improvements consist of the construction of new blowers, new electrical building, new generators for backup power supply, and associated improvements to the plant. This modification includes the addition of a second backup generator for the site. The WWTP is 4.5 acres. No offsite areas off the property will be used.

The nature of this Exception Request is to the Geologic Assessment applicable to this project. The Dove Springs WWTP is a highly developed site that has no indications of substantial geologic features from past development projects. The proposed improvements will be constructed over or adjacent to existing structures and the site, As needed, CDM Smith is prepared to have a professional geologist certify the site for the proposed improvements for the presence of sensitive geologic features. Per TCEQ requirements, if any sensitive geologic features are encountered during construction, all construction activities will immediately cease and TCEQ will be notified of the feature. Otherwise, because of our past familiarity with the Dove Springs WWTP site and since the site is considerably developed with structures and underground piping already, we ask for TCEQ's consideration of granting an exception to the geologic assessment for these proposed improvements.

The previous Aboveground Storage Tank application for Dove Springs WWTP submitted and approved on February 8, 2023 granted exception to the required geologic assessment, as shown on the next page.

Weimer, Ellyn J.

From: James Slone <james.slone@tceq.texas.gov>
Sent: Thursday, October 13, 2022 10:52 AM
To: Weimer, Ellyn J.
Cc: Doody, Alexandra; William Vandertulip
Subject: RE: Geologic Assessment Exemption for Dove Springs WWTP

Follow Up Flag: Follow up
Flag Status: Flagged

Ellyn,
I can give you a conditional approval for an exception to the Geologic Assessment since the activity will be on existing development. I will conduct a site assessment (most likely next Tuesday). If I find anything that needs evaluation, you will be required to have a Geologic Assessment conducted prior to approval. If I do not find anything, no GA will be required. Please retain this email for your records.
Bo

James "Bo" Slone, P.G.
Geoscientist
Edwards Aquifer Protection Program
Texas Commission on Environmental Quality
(512) 239-5711

From: Weimer, Ellyn J. <weimerej@cdmsmith.com>
Sent: Thursday, October 13, 2022 10:45 AM
To: James Slone <james.slone@tceq.texas.gov>
Cc: Doody, Alexandra <DoodyAT@cdmsmith.com>
Subject: Geologic Assessment Exemption for Dove Springs WWTP

Bo,

We are in the process of developing an AST permit for the Dove Springs WWTP in Georgetown and are trying to see if an exemption to the geologic assessment is possible. See attached location map and overall plans for the site. Note that the plant is over the transition zone. The improvements for the AST are to be developed over existing development and are not expected to find recharge features. Please let us know if this is acceptable or if you need any additional information to inform your decision.

Thank you,

Ellyn Weimer, P.E. | Water Resources Engineer | CDM Smith
9430 Research Blvd., Suite 1-200 | Austin, TX 78759 |T: 512.652.5329
weimerej@cdmsmith.com | cdmsmith.com

City of Georgetown

Dove Springs WWTP Improvements

Aboveground Storage Tanks Facility Plan

In order to prevent spill and overfill of hydrocarbon products or hazardous substances the following spill and overfill control actions will be taken:

1. The use of UL-142 listed double-wall subbase design carbon steel construction tanks sized with a minimum of 110 percent of the tank capacity to prevent the escape of fuel into the environment in the event of a tank rupture will be provided to contain spills and overflows.
2. The generator fill ports will be equipped with a an overfill prevention valve and tank level indicators, with high and low-level switches to indicate fuel level at all times in order to ensure minimal risk of overfill.
3. The Generator fuel tank will be equipped with a leak detection system for the interstitial space to alert for any potential leaks.
4. In order to avoid overfills there will always be an attendant present during deliveries.
5. Standard Operating Procedures (SOP) will be developed for filling the fuel storage tanks to minimize the risk of overfilling and spilling. The SOP will be shared with operators and delivery personnel.
6. Operators will continue to be trained on the proper methods of filling tanks and monitoring the tank levels. Instrumentation and control training will be provided by the system supplier.

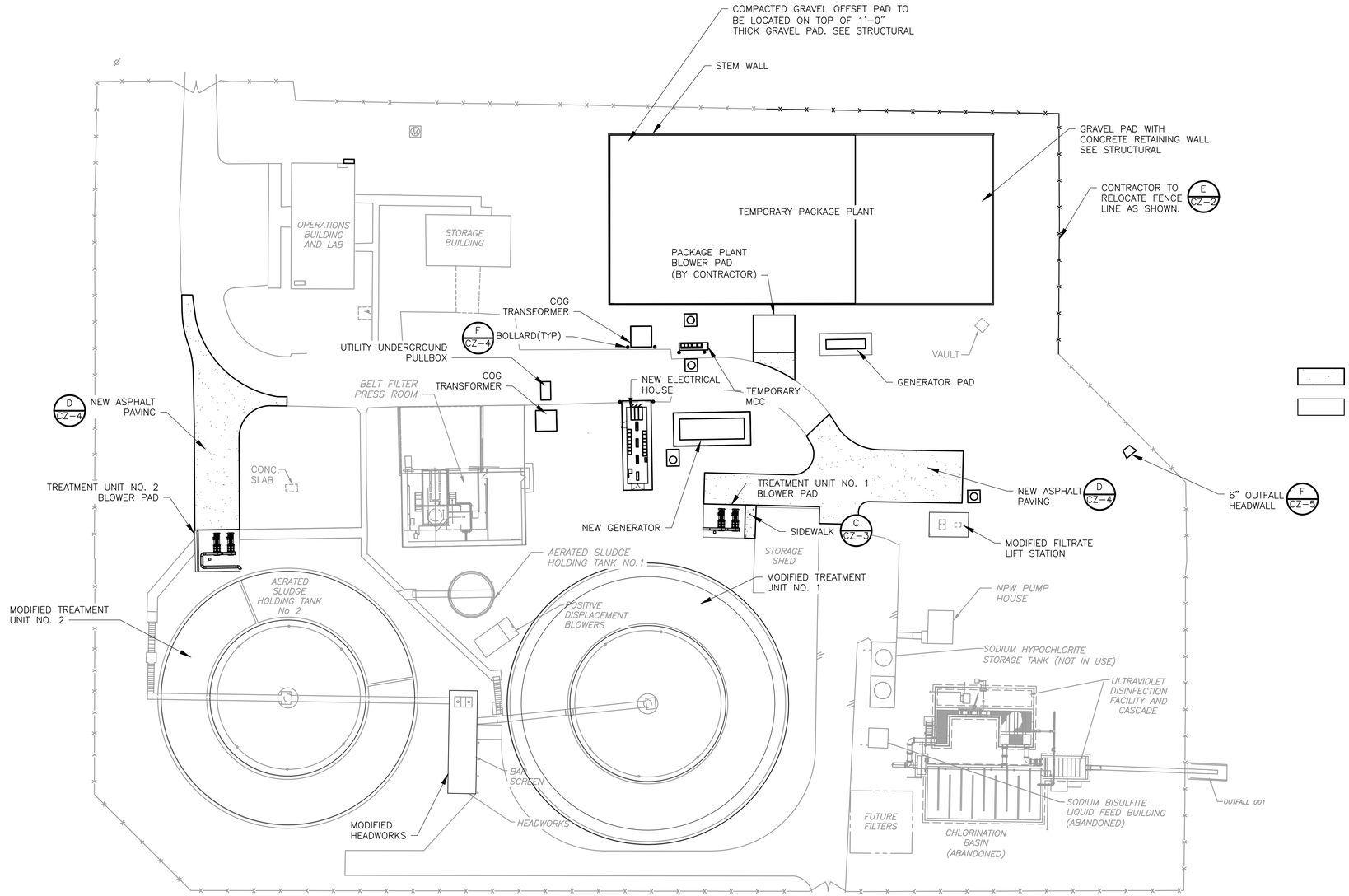
City of Georgetown

Dove Springs WWTP Improvements

Aboveground Storage Tanks Facility Plan

In the event of any spill of hydrocarbon products or hazardous substances the following spill response actions will be taken:

1. The nature and extent of the spill will be assessed, and measures will be taken to protect self and all personnel.
2. City of Georgetown Fire Department will be notified of the nature and extent of the spill via telephone (911 or 512-930-3600).
3. TCEQ Spill Reporting 24-hour Hotline will be notified of the nature and extent of the spill via telephone (800-832-8224).
4. The source of the spill will be stopped and confined before spill response cleanup activities take place.
5. Spills will be reported prior to any spill response activities.
6. Absorbent materials will be used to contain small scale spill incidents immediately.
7. Absorbent containment booms will be used to contain the discharge of larger scale spill incidents immediately.
8. Any spill response action will follow applicable OSHA health and safety regulations.
9. Any water materials generated by spill response actions will be properly stored and disposed in accordance with local, state, and federal regulations.



PLAN
1" = 30'

ALEXANDRA T. DOODY
STATE OF TEXAS
112812
LICENSED
PROFESSIONAL ENGINEER
November 8, 2023

REV. NO.	DATE	DRWN	CHKD	REMARKS
A	1/10/24	JAM	ATD	CONFORMED DRAWINGS

DESIGNED BY: J. MAYER
DRAWN BY: S. MALPASS
SHEET CHK'D BY: A. DOODY
CROSS CHK'D BY: A. WOELKE
APPROVED BY: A. DOODY
DATE: NOVEMBER 2023

CDM Smith
8310-1 N. Capital of Texas Hwy, Suite 250
Austin, TX 78731
Tel: (512) 346-1100
TBPE Firm Registration No. F-3043

CITY OF GEORGETOWN, TEXAS

DOVE SPRINGS WWTP
REHABILITATION

DOVE SPRINGS WWTP
PROPOSED SITE PLAN

PROJECT NO. 2048-264953
FILE NAME: C103STPL.DWG

SHEET NO.
DS-C-3

Temporary Stormwater Section

Texas Commission on Environmental Quality

for Regulated Activities on the Edwards Aquifer Recharge Zone and Relating to 30 TAC §213.5(b)(4)(A), (B), (D)(I) and (G); Effective June 1, 1999

To ensure that the application is administratively complete, confirm that all fields in the form are complete, verify that all requested information is provided, consistently reference the same site and contact person in all forms in the application, and ensure forms are signed by the appropriate party.

Note: Including all the information requested in the form and attachments contributes to more streamlined technical reviews.

Signature

To the best of my knowledge, the responses to this form accurately reflect all information requested concerning the proposed regulated activities and methods to protect the Edwards Aquifer. This **Temporary Stormwater Section** is hereby submitted for TCEQ review and executive director approval. The application was prepared by:

Print Name of Customer/Agent: Ellyn Weimer, PE

Date: 12-04-2024

Signature of Customer/Agent:

Ellyn Weimer

Regulated Entity Name: Dove Springs WWTP Improvements

Project Information

Potential Sources of Contamination

Examples: Fuel storage and use, chemical storage and use, use of asphaltic products, construction vehicles tracking onto public roads, and existing solid waste.

1. Fuels for construction equipment and hazardous substances which will be used during construction:

   ☐ The following fuels and/or hazardous substances will be stored on the site: _____

   These fuels and/or hazardous substances will be stored in:

   ☐ Aboveground storage tanks with a cumulative storage capacity of less than 250 gallons will be stored on the site for less than one (1) year.

☐ Aboveground storage tanks with a cumulative storage capacity between 250 gallons and 499 gallons will be stored on the site for less than one (1) year.

☐ Aboveground storage tanks with a cumulative storage capacity of 500 gallons or more will be stored on the site. An Aboveground Storage Tank Facility Plan application must be submitted to the appropriate regional office of the TCEQ prior to moving the tanks onto the project.

☒ Fuels and hazardous substances will not be stored on the site.

2. ☒ **Attachment A - Spill Response Actions**. A site specific description of the measures to be taken to contain any spill of hydrocarbons or hazardous substances is attached.

3. ☒ Temporary aboveground storage tank systems of 250 gallons or more cumulative storage capacity must be located a minimum horizontal distance of 150 feet from any domestic, industrial, irrigation, or public water supply well, or other sensitive feature.

4. ☒ **Attachment B - Potential Sources of Contamination**. A description of any activities or processes which may be a potential source of contamination affecting surface water quality is attached.

Sequence of Construction

5. ☒ **Attachment C - Sequence of Major Activities**. A description of the sequence of major activities which will disturb soils for major portions of the site (grubbing, excavation, grading, utilities, and infrastructure installation) is attached.

   ☒ For each activity described, an estimate (in acres) of the total area of the site to be disturbed by each activity is given.

   ☒ For each activity described, include a description of appropriate temporary control measures and the general timing (or sequence) during the construction process that the measures will be implemented.

6. ☒ Name the receiving water(s) at or near the site which will be disturbed or which will receive discharges from disturbed areas of the project: San Gabriel River

Temporary Best Management Practices (TBMPs)

Erosion control examples: tree protection, interceptor swales, level spreaders, outlet stabilization, blankets or matting, mulch, and sod. Sediment control examples: stabilized construction exit, silt fence, filter dikes, rock berms, buffer strips, sediment traps, and sediment basins. Please refer to the Technical Guidance Manual for guidelines and specifications. All structural BMPs must be shown on the site plan.

7. ☒ **Attachment D – Temporary Best Management Practices and Measures**. TBMPs and measures will prevent pollution of surface water, groundwater, and stormwater. The construction-phase BMPs for erosion and sediment controls have been designed to retain sediment on site to the extent practicable. The following information is attached:

☒ A description of how BMPs and measures will prevent pollution of surface water, groundwater or stormwater that originates upgradient from the site and flows across the site.

☒ A description of how BMPs and measures will prevent pollution of surface water or groundwater that originates on-site or flows off site, including pollution caused by contaminated stormwater runoff from the site.

☒ A description of how BMPs and measures will prevent pollutants from entering surface streams, sensitive features, or the aquifer.

☒ A description of how, to the maximum extent practicable, BMPs and measures will maintain flow to naturally-occurring sensitive features identified in either the geologic assessment, TCEQ inspections, or during excavation, blasting, or construction.

8. ☒ The temporary sealing of a naturally-occurring sensitive feature which accepts recharge to the Edwards Aquifer as a temporary pollution abatement measure during active construction should be avoided.

☐ **Attachment E - Request to Temporarily Seal a Feature**. A request to temporarily seal a feature is attached. The request includes justification as to why no reasonable and practicable alternative exists for each feature.

☒ There will be no temporary sealing of naturally-occurring sensitive features on the site.

9. ☒ **Attachment F - Structural Practices**. A description of the structural practices that will be used to divert flows away from exposed soils, to store flows, or to otherwise limit runoff discharge of pollutants from exposed areas of the site is attached. Placement of structural practices in floodplains has been avoided.

10. ☒ **Attachment G - Drainage Area Map**. A drainage area map supporting the following requirements is attached:

☐ For areas that will have more than 10 acres within a common drainage area disturbed at one time, a sediment basin will be provided.

☐ For areas that will have more than 10 acres within a common drainage area disturbed at one time, a smaller sediment basin and/or sediment trap(s) will be used.

☐ For areas that will have more than 10 acres within a common drainage area disturbed at one time, a sediment basin or other equivalent controls are not attainable, but other TBMPs and measures will be used in combination to protect down slope and side slope boundaries of the construction area.

☐ There are no areas greater than 10 acres within a common drainage area that will be disturbed at one time. A smaller sediment basin and/or sediment trap(s) will be used in combination with other erosion and sediment controls within each disturbed drainage area.

☒ There are no areas greater than 10 acres within a common drainage area that will be disturbed at one time. Erosion and sediment controls other than sediment basins or sediment traps within each disturbed drainage area will be used.

11. ☐ **Attachment H - Temporary Sediment Pond(s) Plans and Calculations**. Temporary sediment pond or basin construction plans and design calculations for a proposed temporary BMP or measure have been prepared by or under the direct supervision of a Texas Licensed Professional Engineer. All construction plans and design information must be signed, sealed, and dated by the Texas Licensed Professional Engineer. Construction plans for the proposed temporary BMPs and measures are attached.

☒ N/A

12. ☒ **Attachment I - Inspection and Maintenance for BMPs.** A plan for the inspection of each temporary BMP(s) and measure(s) and for their timely maintenance, repairs, and, if necessary, retrofit is attached. A description of the documentation procedures, recordkeeping practices, and inspection frequency are included in the plan and are specific to the site and/or BMP.

13. ☒ All control measures must be properly selected, installed, and maintained in accordance with the manufacturer's specifications and good engineering practices. If periodic inspections by the applicant or the executive director, or other information indicate a control has been used inappropriately, or incorrectly, the applicant must replace or modify the control for site situations.

14. ☒ If sediment escapes the construction site, off-site accumulations of sediment must be removed at a frequency sufficient to minimize offsite impacts to water quality (e.g., fugitive sediment in street being washed into surface streams or sensitive features by the next rain).

15. ☒ Sediment must be removed from sediment traps or sedimentation ponds not later than when design capacity has been reduced by 50%. A permanent stake will be provided that can indicate when the sediment occupies 50% of the basin volume.

16. ☒ Litter, construction debris, and construction chemicals exposed to stormwater shall be prevented from becoming a pollutant source for stormwater discharges (e.g., screening outfalls, picked up daily).

Soil Stabilization Practices

Examples: establishment of temporary vegetation, establishment of permanent vegetation, mulching, geotextiles, sod stabilization, vegetative buffer strips, protection of trees, or preservation of mature vegetation.

17. ☒ **Attachment J - Schedule of Interim and Permanent Soil Stabilization Practices**. A schedule of the interim and permanent soil stabilization practices for the site is attached.

18. ☒ Records must be kept at the site of the dates when major grading activities occur, the dates when construction activities temporarily or permanently cease on a portion of the site, and the dates when stabilization measures are initiated.

19. ☒ Stabilization practices must be initiated as soon as practicable where construction activities have temporarily or permanently ceased.

Administrative Information

20. ☒ All structural controls will be inspected and maintained according to the submitted and approved operation and maintenance plan for the project.

21. ☒ If any geologic or manmade features, such as caves, faults, sinkholes, etc., are discovered, all regulated activities near the feature will be immediately suspended. The appropriate TCEQ Regional Office shall be immediately notified. Regulated activities must cease and not continue until the TCEQ has reviewed and approved the methods proposed to protect the aquifer from any adverse impacts.

22. ☒ Silt fences, diversion berms, and other temporary erosion and sediment controls will be constructed and maintained as appropriate to prevent pollutants from entering sensitive features discovered during construction.

City of Georgetown

Dove Springs WWTP Improvements

Water Pollution Abatement Plan

No hazardous substances or hydrocarbons will be stored or used in excess on the construction site. Reportable contaminant quantities will be determined and based on 30 TAC §327. In the event of any spill of hydrocarbon products or hazardous substances of reportable quantities the following spill response actions will be taken:

1. The nature and extent of the spill will be assessed, and measures will be taken to protect self and all personnel.
2. City of Georgetown Fire Department will be notified of the nature and extent of the spill via telephone (911 or 512-930-3600).
3. TCEQ Spill Reporting 24-hour Hotline will be notified of the nature and extent of the spill via telephone (800-832-8224).
4. The source of the spill will be stopped and confined before spill response cleanup activities take place.
5. Spills will be reported prior to any spill response activities.
6. Absorbent materials will be used to contain small scale spill incidents immediately.
7. Absorbent containment booms will be used to contain the discharge of larger scale spill incidents immediately.
8. Any spill response action will follow applicable OSHA health and safety regulations.
9. Any water materials generated by spill response actions will be properly stored and disposed in accordance with local, state, and federal regulations.

City of Georgetown

Dove Springs WWTP Improvements

Aboveground Storage Tank Facility Plan

Potential sources of contamination related to this project include:

- Sediment from spoil piles transported during stormwater events
- Accidental leakage of fuels from vehicles or equipment during construction activities

All necessary actions to minimize impacts of contamination will be taken before, during, and after the proposed project and in coordination with Attachment A, Spill Response Actions. Other than a potential incidental leak from construction vehicles or equipment, all additional runoff will be from natural sources.

City of Georgetown

Dove Springs WWTP Improvements

Aboveground Storage Tank Facility Plan

The sequence for the construction of the proposed project improvements based on the previous submittal at the Dove Springs Wastewater Treatment Plant site are planned as follows:

- Following issuance of notice-to-proceed, Contractor installs silt fencing, tree protection, and stabilized construction entrance.
- Contractor clears site areas and prepares site for construction. (4.5 acres)
- Contractor locates existing utilities prior to construction.
- Contractor demolishes existing process mechanical equipment inside existing concrete structures.
- Contractor installs pumps, process mechanical equipment, yard piping, ductbanks and performs tie-in to existing WWTP site facilities.
- Contractor constructs new electrical standby power generators including proposed backup generator under this modification permit, electrical buildings, and new concrete pavement.
- Contractor completes site construction and initiates site clean-up. (4.5 acres)
- Contractor inspects and maintains temporary erosion and sedimentation controls throughout the term of the project.
- Contractor restores disturbed soil areas with loaming and hydro-seeding.

City of Georgetown

Dove Springs WWTP Improvements

Water Pollution Abatement Plan

Temporary erosion and sedimentation control measures will include:

- Silt fencing;
- Tree protection;
- Inlet protection;
- Stabilized Construction Entrance (SCE);

Silt fencing shall be placed downgradient from the proposed site areas to control and filter any stormwater that may be generated from the proposed project site. Silt fencing shall also be placed around the perimeter of any storm drain inlets located on or downgradient of the proposed project area. No significant runon from upgradient stormwater flows are anticipated due to the silt fencing. The silt fencing will further serve to control any stormwater generated by the proposed project site before it is allowed to discharge as stormwater-sediment flow from the site. Silt fencing is shown on the project drawings submitted with this application.

Tree protection will be placed around the critical root zone (CRZ) of protected trees on the proposed project site. This control measure will prevent erosion near the roots and protect the roots from being damaged by construction activities.

Inlet protection will be placed around any inlets that may contribute to a stormwater system. This control measure will control any stormwater generated by the proposed project site before it is allowed to discharge as stormwater-sediment flow from the site.

A stabilized construction entrance will be installed at the entrance of the construction area to minimize the tracking of sediments from the project site. All access to the construction site will use this SCE.

The area will remain vegetated where possible.

These temporary erosion and sedimentation control measures are indicated on the site drawings and will be put in place before the start of construction and shall remain in place for the duration of site construction activities.

City of Georgetown

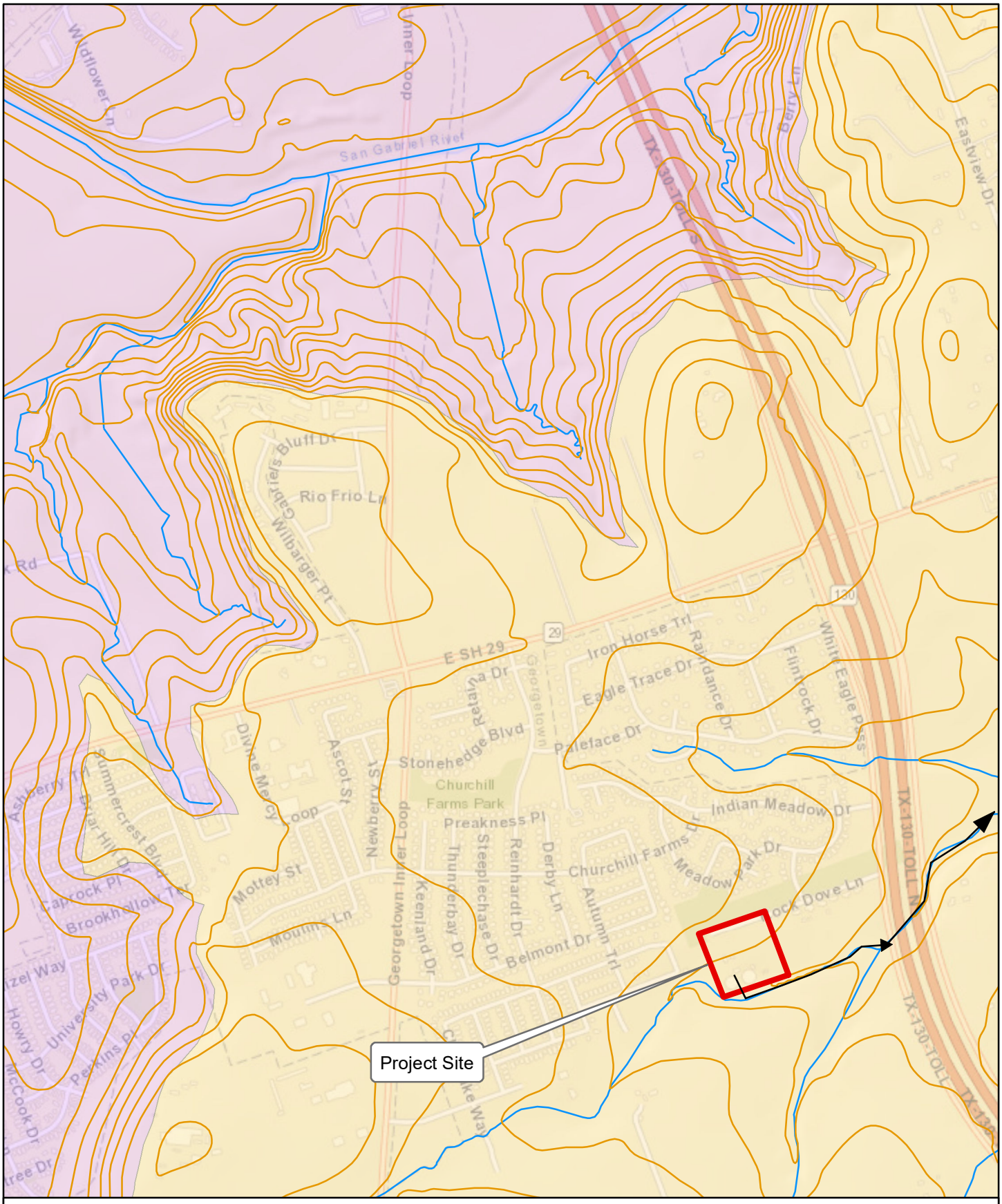
Dove Springs WWTP Improvements

Aboveground Storage Tank Facility Plan

Structural Practices that will be used to limit the runoff discharge of sediments and pollutants from exposed areas of the proposed project include the following practices:

- Silt fencing;
- Stabilized Construction Entrance (SCE); and,
- Rock Berm

These practices are described in Attachment D, Temporary BMPs and Measures. No structural facilities, such as sedimentation ponds, will be constructed or used during construction activities.



Legend

- Contours
- Rivers/Streams

Edwards Aquifer Zones

TYPE

- Edwards Aquifer Contributing Zone
- Edwards Aquifer Recharge Zone
- Edwards Aquifer Transition Zone

Attachment G: Draiange Area Map
Dove Springs Wastewater Treatment Plant
Williamson County, Texas

0 0.2 0.4 Miles

N

CDM Smith

City of Georgetown

Dove Springs WWTP Improvements

Aboveground Storage Tank Facility Plan

Silt fencing and the stabilized construction entrance shall be inspected once per week and following every significant rainfall event (of at least 0.1 inch or greater). If such inspections reveal that additional measurements are needed to prevent movement of sedimentation to offsite areas, the Contractor shall promptly install additional erosion control devices as may be required.

Silt fences shall be maintained and repaired as follows:

- Remove accumulated sediment once build up reaches 6 inches
- Replace torn or damaged filter fabric
- Make any other repairs or adjustments, as needed, to ensure the silt fencing is functioning properly

Inlet protection shall be maintained and repaired as follows:

- Repair any damaged fabric, or patch with a two (2) foot minimum overlap
- Replace any damaged sandbags
- Remove accumulated sediment once build up reaches 3 inches
- Check placement of device to prevent gaps between device and curb

The stabilized construction entrance and rock berm will also be inspected following precipitation events and stone will be replaced if silt accumulation is found to hinder the role of this BMP to minimize the off-site tracking of sediment.

Note that the inspections of the temporary BMPs will be documented in an inspection report. The inspection reports will document maintenance activities, sediment removal, and modifications to the sediment and erosion controls as necessary.

City of Georgetown

Dove Springs WWTP Improvements

Aboveground Storage Tank Facility Plan

Temporary soil stabilization practices will include minimizing soil disturbance during construction and hydroseeding of temporary vegetation in disturbed areas. These temporary soil stabilization practices will be initiated as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, but in no case more than 14 days after the construction activity in that portion of the site has temporarily or permanently ceased. These interim measures will be inspected, maintained, and will remain in place for the duration of the construction phase of the project. These control measures will be planned and implemented in accordance with the Edwards Aquifer Technical Guidance Manual.

Permanent soil stabilization and site restoration will occur prior to project completion. Permanent soil stabilization measures will include the loaming, hydroseeding, and re-vegetation of the disturbed areas using a native grass mix that is properly monitored and managed until long-term vegetation stabilization has occurred. This permanent soil stabilization will act as a linear vegetation filter strip in the long term.

Agent Authorization Form
For Required Signature
Edwards Aquifer Protection Program
Relating to 30 TAC Chapter 213
Effective June 1, 1999

I Chris Pousson,
Print Name

CIP Manager,
Title - Owner/President/Other

of City of Georgetown,
Corporation/Partnership/Entity Name

have authorized Ellyn Weimer
Print Name of Agent/Engineer

of CDM Smith
Print Name of Firm

to represent and act on the behalf of the above named Corporation, Partnership, or Entity for the purpose of preparing and submitting this plan application to the Texas Commission on Environmental Quality (TCEQ) for the review and approval consideration of regulated activities.

I also understand that:

1. The applicant is responsible for compliance with 30 Texas Administrative Code Chapter 213 and any condition of the TCEQ's approval letter. The TCEQ is authorized to assess administrative penalties of up to $10,000 per day per violation.

2. For those submitting an application who are not the property owner, but who have the right to control and possess the property, additional authorization is required from the owner.

3. Application fees are due and payable at the time the application is submitted. The application fee must be sent to the TCEQ cashier or to the appropriate regional office. The application will not be considered until the correct fee is received by the commission.

4. A notarized copy of the Agent Authorization Form must be provided for the person preparing the application, and this form must accompany the completed application.

5. No person shall commence any regulated activity on the Edwards Aquifer Recharge Zone, Contributing Zone or Transition Zone until the appropriate application for the activity has been filed with and approved by the Executive Director.

SIGNATURE PAGE:

Applicant's Signature

9-23-22
Date

THE STATE OF Texas §

County of Williamson §

BEFORE ME, the undersigned authority, on this day personally appeared Chris Pousson known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that (s)he executed same for the purpose and consideration therein expressed.

GIVEN under my hand and seal of office on this 23 day of Sept., 2022.

Cindy Gilbert
NOTARY PUBLIC

CINDY GILBERT
Notary ID #2953478
My Commission Expires
January 21, 2023

Cindy Gilbert
Typed or Printed Name of Notary

MY COMMISSION EXPIRES: 1/21/2023

Application Fee Form

Texas Commission on Environmental Quality
Name of Proposed Regulated Entity: Dove Springs WWTP Improvements
Regulated Entity Location: 400 Rock Dove Lane, Georgetown, Texas 78626
Name of Customer: City of Georgetown
Contact Person: Chris Pousson Phone: (512) 930-8162
Customer Reference Number (if issued):CN 600412043
Regulated Entity Reference Number (if issued):RN 105292395

Austin Regional Office (3373)

☐ Hays ☐ Travis ☒ Williamson

San Antonio Regional Office (3362)

☐ Bexar ☐ Medina ☐ Uvalde
☐ Comal ☐ Kinney

Application fees must be paid by check, certified check, or money order, payable to the **Texas Commission on Environmental Quality**. Your canceled check will serve as your receipt. **This form must be submitted with your fee payment**. This payment is being submitted to:

☒ Austin Regional Office
☐ Mailed to: TCEQ - Cashier
Revenues Section
Mail Code 214
P.O. Box 13088
Austin, TX 78711-3088

☐ San Antonio Regional Office
☐ Overnight Delivery to: TCEQ - Cashier
12100 Park 35 Circle
Building A, 3rd Floor
Austin, TX 78753
(512)239-0357

Site Location (Check All That Apply):

☐ Recharge Zone ☐ Contributing Zone ☒ Transition Zone

Type of Plan	***Size***	***Fee Due***
Water Pollution Abatement Plan, Contributing Zone Plan: One Single Family Residential Dwelling	Acres	$
Water Pollution Abatement Plan, Contributing Zone Plan: Multiple Single Family Residential and Parks	Acres	$
Water Pollution Abatement Plan, Contributing Zone Plan: Non-residential	Acres	$
Sewage Collection System	L.F.	$
Lift Stations without sewer lines	Acres	$
Underground or Aboveground Storage Tank Facility	1 Tanks	$ 650
Piping System(s)(only)	Each	$
Exception	Each	$
Extension of Time	Each	$

Signature: Ellyn Weiner

Date: 12-04-2024

Application Fee Schedule

Texas Commission on Environmental Quality
Edwards Aquifer Protection Program 30 TAC Chapter 213 (effective 05/01/2008)

Water Pollution Abatement Plans and Modifications

Contributing Zone Plans and Modifications

Project	*Project Area in Acres*	*Fee*
One Single Family Residential Dwelling	< 5	$650
Multiple Single Family Residential and Parks	< 5 5 < 10 10 < 40 40 < 100 100 < 500 ≥ 500	$1,500 $3,000 $4,000 $6,500 $8,000 $10,000
Non-residential (Commercial, industrial, institutional, multi-family residential, schools, and other sites where regulated activities will occur)	< 1 1 < 5 5 < 10 10 < 40 40 < 100 ≥ 100	$3,000 $4,000 $5,000 $6,500 $8,000 $10,000

Organized Sewage Collection Systems and Modifications

Project	*Cost per Linear Foot*	*Minimum Fee-Maximum Fee*
Sewage Collection Systems	$0.50	$650 - $6,500

Underground and Aboveground Storage Tank System Facility Plans and Modifications

Project	*Cost per Tank or Piping System*	*Minimum Fee-Maximum Fee*
Underground and Aboveground Storage Tank Facility	$650	$650 - $6,500

Exception Requests

Project	*Fee*
Exception Request	$500

Extension of Time Requests

Project	***Fee***
Extension of Time Request	$150

TCEQ Use Only

TCEQ Core Data Form

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

SECTION I: General Information

1. Reason for Submission (*If other is checked please describe in space provided.*)

☐ New Permit, Registration or Authorization (*Core Data Form should be submitted with the program application.*)

☐ Renewal *(Core Data Form should be submitted with the renewal form)*

☒ Other **Modification**

2. Customer Reference Number *(if issued)*

CN 60012043

Follow this link to search for CN or RN numbers in Central Registry**

3. Regulated Entity Reference Number *(if issued)*

RN

SECTION II: Customer Information

4. General Customer Information

5. Effective Date for Customer Information Updates (mm/dd/yyyy)

☐ New Customer ☐ Update to Customer Information ☐ Change in Regulated Entity Ownership
☐ Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)

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:

City of Georgetown

7. TX SOS/CPA Filing Number

8. TX State Tax ID (11 digits)

9. Federal Tax ID (9 digits)

74-6000974

10. DUNS Number *(if applicable)*

89592372

11. Type of Customer:

☐ Corporation ☐ Individual Partnership: ☐ General ☐ Limited

Government: ☒ City ☐ County ☐ Federal ☐ Local ☐ State ☐ Other ☐ Sole Proprietorship ☐ Other:

12. Number of Employees

☐ 0-20 ☐ 21-100 ☐ 101-250 ☐ 251-500 ☒ 501 and higher

13. Independently Owned and Operated?

☒ **Yes** ☐ **No**

14. Customer Role (Proposed or Actual) – *as it relates to the Regulated Entity listed on this form. Please check one of the following*

☒ Owner ☐ Operator ☐ Owner & Operator
☐ Occupational Licensee ☐ Responsible Party ☐ VCP/BSA Applicant ☐ Other:

15. Mailing Address:

300-1 Industrial Ave

City	Georgetown	State	TX	ZIP	78626	ZIP + 4	8445

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)*
(512) 930-3555		(512) 930-3559

SECTION III: Regulated Entity Information

21. General Regulated Entity Information *(If 'New Regulated Entity" is selected, a new permit application is also required.)*

☒ New Regulated Entity ☐ Update to Regulated Entity Name ☐ Update to Regulated Entity Information

The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).

22. Regulated Entity Name *(Enter name of the site where the regulated action is taking place.)*

Dove Springs Wastewater Treatment Plant

23. Street Address of the Regulated Entity: ***(No PO Boxes)***	400 Rock Dove Lane							
	City	Georgetown	**State**	TX	**ZIP**	78626	**ZIP + 4**	
24. County	Williamson							

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

25. Description to Physical Location:	Approximately 1,700 feet west of SH 130 south frontage road along Rock Dove Lane in Georgetown, Texas.				
26. Nearest City			**State**	**Nearest ZIP Code**	
Georgetown			TX	78626	

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

27. Latitude (N) In Decimal:	30.630801		**28. Longitude (W) In Decimal:**	-97.632907	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds

29. Primary SIC Code (4 digits)	**30. Secondary SIC Code** (4 digits)	**31. Primary NAICS Code** (5 or 6 digits)	**32. Secondary NAICS Code** (5 or 6 digits)

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

34. Mailing Address:								
	City		**State**		**ZIP**		**ZIP + 4**	
35. E-Mail Address:								

36. Telephone Number	37. Extension or Code	38. Fax Number *(if applicable)*
( ) -		( ) -

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

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

SECTION IV: Preparer Information

40. Name:	Rana Khoury	**41. Title:**	Chemical Engineer

42. Telephone Number	**43. Ext./Code**	**44. Fax Number**	**45. E-Mail Address**
(713 **)** 423-7302		**( )** -	khouryrn@cdmsmith.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:	CDM Smith	**Job Title:**	Water Resources Engineer	
Name *(In Print):*	Ellyn Weimer, PE		**Phone:**	**(** 512 **)** 652- **5329**
Signature:			**Date:**	12-04-2024