

Toro Grande Blvd and Commerce St

**City of Cedar Park, Texas
Williamson County, Texas**

MODIFICATION OF A PREVIOUSLY APPROVED CONTRIBUTING ZONE PLAN

Prepared for:
The City of Cedar Park



Prepared by:



Cobb, Fendley & Associate, Inc.
9600 N. Mopac Expressway, Suite 800
Austin, Texas 78759

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: Toro Grande Blvd and Commerce St					2. Regulated Entity No.:				
3. Customer Name: City of Cedar Park					4. Customer No.: CN600407951				
5. Project Type: (Please circle/check one)	New	Modification			Extension	Exception			
6. Plan Type: (Please circle/check one)	WPAF	CZP	SCS	UST	AST	EXP	EXT	Technical Clarification	Optional Enhanced Measures
7. Land Use: (Please circle/check one)	Residential	Non-residential				8. Site (acres):		15.08	
9. Application Fee:	\$6,500.00		10. Permanent BMP(s):			Partial Sedimentation-Filtration Ponds			
11. SCS (Linear Ft.):			12. AST/UST (No. Tanks):			N/A			
13. County:	Williamson		14. Watershed:			Turkey Creek – Brushy Creek			

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.)	—	—	_X_
Region (1 req.)	—	—	_X_
County(ies)	—	—	_X_
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 _X_ 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.

Julie Hastings

Print Name of Customer/Authorized Agent

Julie Hastings

4/9/2026

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):

Modification of a Previously Approved Contributing Zone 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 **Modification of a Previously Approved Contributing Zone Plan** is hereby submitted for TCEQ review and executive director approval. The request was prepared by:

Print Name of Customer/Agent: Julie Hastings

Date: 4/9/2026

Signature of Customer/Agent:

Julie Hastings

Project Information

- Current Regulated Entity Name: Toro Grande Blvd (Commerce St to RM1431), Commerce St (Parmer Ln to Toro Grande Blvd), and Parmer Ln (FM 734)
Original Regulated Entity Name: Toro Grande Blvd (Commerce St to RM1431) and Commerce St (Parmer Ln to Toro Grande Blvd)
Assigned Regulated Entity Number(s) (RN): RN112188933
Edwards Aquifer Protection Program ID Number(s): 11004391
☒ The applicant has not changed and the Customer Number (CN) is: CN600407951
☐ The applicant or Regulated Entity has changed. A new Core Data Form has been provided.
- ☒ **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.
- A modification of a previously approved plan is requested for (check all that apply):

- ☒ Any physical or operational modification of any best management practices or structure(s), including but not limited to temporary or permanent ponds, dams, berms, silt fences, and diversionary structures;
- ☐ Any change in the nature or character of the regulated activity from that which was originally approved;
- ☐ A change that would significantly impact the ability to prevent pollution of the Edwards Aquifer and hydrologically connected surface water; or
- ☐ Any development of land previously identified in a contributing zone plan as undeveloped.

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.

<i>CZP Modification</i>	<i>Approved Project</i>	<i>Proposed Modification</i>
<i>Summary</i>		
Acres	<u>15.04</u>	<u>23.60</u>
Type of Development	<u>New Suburban Roadway</u>	<u>New Suburban Roadway</u>
Number of Residential Lots	<u>0</u>	<u>0</u>
Impervious Cover (acres)	<u>10.16</u>	<u>14.36</u>
Impervious Cover (%)	<u>67.6%</u>	<u>60.8%</u>
Permanent BMPs	Partial <u>Sedimentation/Filtration Ponds</u>	Partial <u>Sedimentation/Filtration Ponds</u>
Other	<u> </u>	<u> </u>
<i>AST Modification</i>		
<i>Summary</i>		
Number of ASTs	<u>0</u>	<u>0</u>
Other	<u> </u>	<u> </u>
<i>UST Modification</i>		
<i>Summary</i>		
Number of USTs	<u>0</u>	<u>0</u>
Other	<u> </u>	<u> </u>

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 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. ☐ Acreage has not been added to or removed from the approved plan.
- ☒ Acreage has been added to or removed from the approved plan and is discussed in *Attachment B: Narrative of Proposed Modification*.
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.

**EDWARDS AQUIFER PROTECTION PROGRAM MODIFICATION OF A PREVIOUSLY
APPROVED CONTRUBUTING ZONE PLAN**

TCEQ 10259

ATTACHMENT A – Original Approval Letter and Approved Modification Letters

A Contributing Zone Plan for Toro Grande Blvd and Commerce St was approved on August 8th, 2025 and the approval letter is following this page. This is the first proposed modification to this approved CZP.

Brooke Paup, *Chairwoman*
Bobby Janecka, *Commissioner*
Catarina R. Gonzales, *Commissioner*
Kelly Keel, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

August 8, 2025

Mr. Randall Lueders
City of Cedar Park
450 Cypress Creek Road
Cedar Park, Texas 78613

Re: Approval of a Contributing Zone Plan (CZP)
Toro Grande Blvd and Commerce St.; Cedar Park, Williamson County
Edwards Aquifer Protection Program ID: 11004391, Regulated Entity No. RN112188933

Dear Mr. Lueders:

The Texas Commission on Environmental Quality (TCEQ) has completed its review on the application for the above-referenced project submitted to the Edwards Aquifer Protection Program (EAPP) by Cobb, Fendley & Associates, Inc. on behalf of the applicant, City of Cedar Park on April 2, 2025. Final review of the application was completed after additional material was received on July 10 and July 31, 2025.

As presented to the TCEQ, the application was prepared in general compliance with the requirements of 30 Texas Administrative Codes (TAC) Chapter §213. The permanent best management practices (BMPs) and measures represented in the application were prepared by a Texas licensed professional engineer (PE). All construction plans and design information were sealed, signed, and dated by a Texas licensed PE. Therefore, the application for the construction of the proposed project and methods to protect the Edwards Aquifer are **approved**, subject to applicable state rules and the conditions in this letter.

This approval expires two 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 officially requested. This approval or extension will expire, and no extension will be granted if more than 50 percent of the project has not been completed within ten years from the date of this 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 in accordance with 30 TAC §50.139.

PROJECT DESCRIPTION

The proposed roadway right-of-way (ROW) comprises an area of approximately 15.1 acres. The project will initiate construction of Commerce Street, extending it from Parmer Lane to a roundabout at Toro Grande Boulevard, and will also build Toro Grande Boulevard from the roundabout north to RM 1431. The project is located within the Contributing Zone (CZ). The five-lane facility will include turn lanes, center lane median, sidewalks, a shared-use path (SUP) alongside Brushy Creek, and curb and gutter drainage infrastructure leading to BMPs. The impervious cover (IC) will be 10.16 acres (0.6 acres of pre-existing IC) within the Brushy Creek watershed.

In addition to the activities described, temporary erosion and sedimentation controls will be installed prior to commencing site disturbance and maintained during construction. No wastewater will be generated by this roadway project.

PERMANENT POLLUTION ABATEMENT MEASURES

To prevent pollution of stormwater runoff originating on-site or up-gradient of the site and potentially flowing across and off the site after construction, three partial sedimentation sand filter systems (SFS), designed using the TCEQ technical guidance, *RG-348, Complying with the Edwards Aquifer Rules: Technical Guidance on Best Management Practices*, will be constructed to treat stormwater runoff. The required total suspended solids (TSS) treatment for this project is 8,321 pounds of TSS generated from the 10.16 acres IC. Vegetated filter strips are utilized to treat the SUP and sidewalks. The approved permanent BMPs and measures meet the required 80 percent removal of the increased load in TSS caused by the project.

The permanent BMPs shall be operational prior to the use of the proposed project lanes. Inspection, maintenance, repair, and retrofit of the permanent BMPs shall be in accordance with the approved application.

SPECIAL CONDITIONS

- I. All construction activities, including staging, stockpiling, parking lots, and traffic shall be conducted inside the established ROW, and outside the 100-year floodplain, except in the case where proper BMPs are being installed or maintained.

STANDARD CONDITIONS

1. The plan holder (applicant) must comply with all provisions of 30 TAC Chapter §213 and all technical specifications in the approved plan. The plan holder should also acquire and comply with additional and separate approvals, permits, registrations or authorizations from other TCEQ Programs (i.e., Stormwater, Water Rights, Dam Safety, Underground Injection Control) as required based on the specifics of the plan.
2. In addition to the rules of the Commission, the plan holder must also comply with state and local ordinances and regulations providing for the protection of water quality as applicable.

Prior to Commencement of Construction:

3. The plan holder of any approved Edwards Aquifer protection plan must notify the EAPP and obtain approval from the executive director prior to initiating any modification to the activities described in the referenced application following the date of the approval.
4. The plan holder must provide written notification of intent to commence construction, replacement, or rehabilitation of the referenced project. Notification must be submitted to the EAPP no later than 48 hours prior to commencement of the regulated activity. 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.
5. Temporary erosion and sedimentation (E&S) controls as described in the referenced application 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. 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.

During Construction:

6. The application must indicate the placement of permanent aboveground storage tanks facilities for static hydrocarbons and hazardous substances with cumulative storage capacity of 500 gallons or more. Subsequent permanent storage tanks on this project site require a modification to be submitted and approved prior to installation.
7. 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.
8. Intentional discharges of sediment laden water are not allowed. If dewatering becomes necessary, the discharge must be filtered through appropriately selected BMPs.
9. 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.
10. 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:

11. Owners of permanent BMPs and temporary measures must ensure that the BMPs and measures are constructed and function as designed. A Texas licensed PE **must certify** in writing that the permanent BMPs or measures were constructed as designed. The certification letter must be submitted to the EAPP within 30 days of site completion.
12. The applicant shall be responsible for maintaining the permanent BMPs after construction until such time as the maintenance obligation is either assumed in writing by another entity having ownership or control of the property or the ownership of the property is transferred to the entity. A copy of the transfer of responsibility must be filed with the executive director through the EAPP within 30 days of the transfer.

Mr. Randall Lueders

Page 4

August 8, 2025

The holder of the approved contributing zone plan is responsible for compliance with Chapter §213 subchapter B and any condition of the approved plan through all phases of plan implementation. Failure to comply with any condition within this approval letter is a violation of Chapter §213 subchapter B and is subject to administrative rule or orders and penalties as provided under §213.25 of this title (relating to Enforcement). Such violations may also be subject to civil penalties and injunction. Upon legal transfer of this property, the new owner is required to comply with all terms of the approved contributing zone plan.

This action is taken as delegated by the executive director of the Texas Commission on Environmental Quality. If you have any questions or require additional information, please contact Mr. Kevin Lee Smith, P.E. of the Edwards Aquifer Protection Program of the Austin Regional Office at 512-339-2929.

Sincerely,

A handwritten signature in cursive script that reads "Monica Reyes".

Monica Reyes, Section Manager
Edwards Aquifer Protection Program
Texas Commission on Environmental Quality

MMR/kl

Cc: Mr. Julie Hastings, P.E., Cobb Fendley

**EDWARDS AQUIFER PROTECTION PROGRAM MODIFICATION OF A PREVIOUSLY
APPROVED CONTRIBUTING ZONE PLAN**

TCEQ 10259

ATTACHMENT B – NARRATIVE OF PROPOSED MODIFICATION

The original CZP for the Toro Grande and Commerce St project, as it was approved, consisted of 0.6 acres of existing and 10.16 acres of proposed impervious cover. The roadway project is proposing three turn lanes onto Commerce St from Parmer Ln (FM 734) that were not accounted for in the original CZP. This proposed modification adds 8.56 acres of total project area, consisting of 3.64 acres of existing and 4.19 acres of proposed impervious cover. This brings the total pre-development impervious cover to 4.25 acres and the total post-development impervious cover area to 14.36 acres.

To account for the additional impervious cover area of 0.55 acres from the turn lanes on Parmer Ln, the Water Quality Volume (WQV) of the pond nearest the turn lanes (Pond-A) is being increased. As designed for the original CZP, Water Quality Pond-A had a required WQV of 26720 ft³. Based on the increase in impervious cover, the new required WQV for Pond-A is 29979 ft³. To facilitate this increase in the Water Quality Volume of Pond-A, the splitter weir is being raised 9 inches, raising the Water Quality Elevation from 794.75' to 795.50' and increasing the actual WQV to 31115 ft³.

**EDWARDS AQUIFER PROTECTION PROGRAM MODIFICATION OF A PREVIOUSLY
APPROVED CONTRIBUTING ZONE PLAN**

TCEQ 10259

ATTACHMENT C – Current Site Plan of Approved Project

Please see end of document for the current site plan.

Contributing Zone Plan Application

Texas Commission on Environmental Quality

for Regulated Activities on the Contributing Zone to the Edwards Aquifer and Relating to 30 TAC §213.24(1), 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 **Contributing Zone Plan Application** is hereby submitted for TCEQ review and Executive Director approval. The application was prepared by:

Print Name of Customer/Agent: Julie Hastings

Date: 4/9/2026

Signature of Customer/Agent:

Julie Hastings

Regulated Entity Name: Toro Grande Blvd (Commerce St to RM1431), Commerce St
(Parmer Ln to Toro Grande Blvd), and Parmer Ln (FM 734)

Project Information

1. County: Williamson County
2. Stream Basin: Brazos River Basin
3. Groundwater Conservation District (if applicable): _____
4. Customer (Applicant):
Contact Person: Randall Lueders
Entity: City of Cedar Park
Mailing Address: 450 Cypress Creek Road
City, State: Cedar Park, TX
Telephone: 512-401-5000

Zip: 78613
Fax: _____

Email Address: engineering@cedarparktexas.gov

5. Agent/Representative (If any):

Contact Person: Julie Hastings

Entity: Cobb, Fendley & Associates, Inc.

Mailing Address: 9600 N. Mopac Expressway, Suite 800

City, State: Austin, TX

Zip: 78759

Telephone: 512-646-4323

Fax: _____

Email Address: jhastings@cobb fendley.com

6. Project Location:

- ☒ The project site is located inside the city limits of Cedar Park.
- ☐ 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.

7. ☒ The location of the project site is described below. Sufficient detail and clarity has been provided so that the TCEQ's Regional staff can easily locate the project and site boundaries for a field investigation.

The limits of the Toro Grande Blvd Improvements - South Project is located in the City of Cedar Park in Williamson County, Texas. The proposed project begins at the intersection of Toro Grande Blvd and Ranch-to-Market (RM) 1431 extending southeast for approximately 0.3 miles to the proposed intersection of Toro Grande Blvd and the proposed road Commerce Ave. From the proposed intersection the project extends north approximately 155 feet and from the proposed intersection the road extends south west approximately 0.8 miles to the intersection of Parmer Ln and Commerce Ave, adding three turn lanes on the existing Parmer Ln.

8. ☒ **Attachment A - Road Map.** A road map showing directions to and the location of the project site is attached. The map clearly shows the boundary of the project site.
9. ☒ **Attachment B - USGS Quadrangle Map.** A copy of the official 7 ½ minute USGS Quadrangle Map (Scale: 1" = 2000") is attached. The map(s) clearly show:
- ☒ Project site boundaries.
 - ☒ USGS Quadrangle Name(s).
10. ☒ **Attachment C - Project Narrative.** A detailed narrative description of the proposed project is attached. 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

11. 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/Not cleared)
- ☐ Other: _____

12. The type of project is:

- ☐ Residential: # of Lots: _____
- ☐ Residential: # of Living Unit Equivalents: _____
- ☐ Commercial
- ☐ Industrial
- ☒ Other: New Suburban Roadway

13. Total project area (size of site): 23.60 Acres

Total disturbed area: _____ Acres

14. Estimated projected population: NA

15. The amount and type of impervious cover expected after construction is complete is shown below:

Table 1 - Impervious Cover

<i>Impervious Cover of Proposed Project</i>	<i>Sq. Ft.</i>	<i>Sq. Ft./Acre</i>	<i>Acres</i>
Structures/Rooftops	N/A	÷ 43,560 =	N/A
Parking	N/A	÷ 43,560 =	N/A
Other paved surfaces	625522	÷ 43,560 =	14.36
Total Impervious Cover	625522	÷ 43,560 =	14.36

Total Impervious Cover $\frac{14.36}{23.60} \times 100 = 60.8\%$ **Total Acreage** 23.60 **X 100 = 60.8% Impervious Cover**

16. ☐ **Attachment D - Factors Affecting Surface Water Quality.** A detailed description of all factors that could affect surface water quality is attached. If applicable, this includes the

location and description of any discharge associated with industrial activity other than construction.

17. ☒ Only inert materials as defined by 30 TAC 330.2 will be used as fill material.

For Road Projects Only

Complete questions 18 - 23 if this application is exclusively for a road project.

☐ N/A

18. Type of project:

- ☐ TXDOT road project.
☒ County road or roads built to county specifications.
☒ City thoroughfare or roads to be dedicated to a municipality.
☐ Street or road providing access to private driveways.

19. Type of pavement or road surface to be used:

- ☐ Concrete
☒ Asphaltic concrete pavement
☐ Other: _____

20. Right of Way (R.O.W.):

Length of R.O.W.: 8439 feet.

Width of R.O.W.: Varies feet.

$L \times W = \frac{1029563 \text{ Ft}^2}{43,560 \text{ Ft}^2/\text{Acre}} = \underline{23.60}$ acres.

21. Pavement Area:

Length of pavement area: 8439 feet.

Width of pavement area: Varies feet.

$L \times W = \frac{625522 \text{ Ft}^2}{43,560 \text{ Ft}^2/\text{Acre}} = \underline{14.36}$ acres.

Pavement area 14.36 acres $\div$ R.O.W. area 23.60 acres $\times 100 = \underline{60.7}\%$ impervious cover.

22. ☐ A rest stop will be included in this project.

☒ A rest stop will not be included in this project.

23. ☐ Maintenance and repair of existing roadways that do not require approval from the TCEQ Executive Director. Modifications to existing roadways such as widening roads/adding shoulders totaling more than one-half (1/2) the width of one (1) existing lane require prior approval from the TCEQ.

Stormwater to be generated by the Proposed Project

24. ☒ **Attachment E - Volume and Character of Stormwater.** A detailed description of the volume (quantity) and character (quality) of the stormwater runoff which is expected to occur from the proposed project is attached. The estimates of stormwater runoff

quality and quantity are based on area and type of impervious cover. Include the runoff coefficient of the site for both pre-construction and post-construction conditions.

Wastewater to be generated by the Proposed Project

25. ☐ Wastewater is to be discharged in the contributing zone. Requirements under 30 TAC §213.6(c) relating to Wastewater Treatment and Disposal Systems have been satisfied.

☒ N/A

26. Wastewater will be disposed of by:

☐ On-Site Sewage Facility (OSSF/Septic Tank):

☐ **Attachment F - Suitability Letter from Authorized Agent.** An on-site sewage facility will be used to treat and dispose of the wastewater from this site. The appropriate licensing authority's (authorized agent) written approval is attached. It states that the land is suitable for the use of private sewage facilities and will meet or exceed the requirements for on-site sewage facilities as specified under 30 TAC Chapter 285 relating to On-site Sewage Facilities.

☐ Each lot in this project/development is at least one (1) acre (43,560 square feet) in size. The system will be designed by a licensed professional engineer or registered sanitarian and installed by a licensed installer in compliance with 30 TAC Chapter 285.

☐ Sewage Collection System (Sewer Lines):

The sewage collection system will convey the wastewater to the _____ (name) Treatment Plant. The treatment facility is:

☐ Existing.

☐ Proposed.

☒ N/A

Permanent Aboveground Storage Tanks(ASTs) ≥ 500 Gallons

Complete questions 27 - 33 if this project includes the installation of AST(s) with volume(s) greater than or equal to 500 gallons.

☒ N/A

27. Tanks and substance stored:

Table 2 - Tanks and Substance Storage

<i>AST Number</i>	<i>Size (Gallons)</i>	<i>Substance to be Stored</i>	<i>Tank Material</i>

<i>AST Number</i>	<i>Size (Gallons)</i>	<i>Substance to be Stored</i>	<i>Tank Material</i>
2			
3			
4			
5			

Total x 1.5 = _____ Gallons

28. ☐ 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 G - Alternative Secondary Containment Methods.** Alternative methods for providing secondary containment are proposed. Specifications showing equivalent protection for the Edwards Aquifer are attached.

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

Table 3 - Secondary Containment

<i>Length (L)(Ft.)</i>	<i>Width(W)(Ft.)</i>	<i>Height (H)(Ft.)</i>	<i>L x W x H = (Ft3)</i>	<i>Gallons</i>

Total: _____ Gallons

30. Piping:

- ☐ 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

31. ☐ 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: _____.

32. ☐ **Attachment H - AST Containment Structure Drawings.** A scaled drawing of the containment structure is attached that shows the following:

- ☐ 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
33. ☐ 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.

Site Plan Requirements

Items 34 - 46 must be included on the Site Plan.

34. ☒ The Site Plan must have a minimum scale of 1" = 400'.
- Site Plan Scale: 1" = 400'.
35. 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): _____.
36. ☒ The layout of the development is shown with existing and finished contours at appropriate, but not greater than ten-foot contour intervals. Lots, recreation centers, buildings, roads, etc. are shown on the site plan.
- ☒ The layout of the development is shown with existing contours at appropriate, but not greater than ten-foot contour intervals. Finished topographic contours will not differ from the existing topographic configuration and are not shown. Lots, recreation centers, buildings, roads, etc. are shown on the site plan.
37. ☒ A drainage plan showing all paths of drainage from the site to surface streams.
38. ☒ The drainage patterns and approximate slopes anticipated after major grading activities.
39. ☒ Areas of soil disturbance and areas which will not be disturbed.
40. ☒ Locations of major structural and nonstructural controls. These are the temporary and permanent best management practices.
41. ☒ Locations where soil stabilization practices are expected to occur.

42. ☒ Surface waters (including wetlands).
☐ N/A
43. ☒ Locations where stormwater discharges to surface water.
☐ There will be no discharges to surface water.
44. ☐ Temporary aboveground storage tank facilities.
☒ Temporary aboveground storage tank facilities will not be located on this site.
45. ☐ Permanent aboveground storage tank facilities.
☒ Permanent aboveground storage tank facilities will not be located on this site.
46. ☒ Legal boundaries of the site are shown.

Permanent Best Management Practices (BMPs)

Practices and measures that will be used during and after construction is completed.

47. ☒ Permanent BMPs and measures must be implemented to control the discharge of pollution from regulated activities after the completion of construction.
☐ N/A
48. ☒ These practices and measures have been designed, and will be constructed, operated, and maintained to insure that 80% of the incremental increase in the annual mass loading of total suspended solids (TSS) from the site caused by the regulated activity is removed. These quantities have been calculated in accordance with technical guidance prepared or accepted by the executive director.
☒ The TCEQ Technical Guidance Manual (TGM) was used to design permanent BMPs and measures for this site.
☐ A technical guidance other than the TCEQ TGM was used to design permanent BMPs and measures for this site. The complete citation for the technical guidance that was used is: _____.
☐ N/A
49. ☒ Owners must insure that permanent BMPs and measures are constructed and function as designed. A Texas Licensed Professional Engineer must certify in writing that the permanent BMPs or measures were constructed as designed. The certification letter must be submitted to the appropriate regional office within 30 days of site completion.
☐ N/A
50. Where a site is used for low density single-family residential development and has 20 % or less impervious cover, other permanent BMPs are not required. This exemption from permanent BMPs must be recorded in the county deed records, with a notice that if the percent impervious cover increases above 20% or land use changes, the exemption for the

whole site as described in the property boundaries required by 30 TAC §213.4(g) (relating to Application Processing and Approval), may no longer apply and the property owner must notify the appropriate regional office of these changes.

- ☐ The site will be used for low density single-family residential development and has 20% or less impervious cover.
- ☐ The site will be used for low density single-family residential development but has more than 20% impervious cover.
- ☒ The site will not be used for low density single-family residential development.

51. The executive director may waive the requirement for other permanent BMPs for multi-family residential developments, schools, or small business sites where 20% or less impervious cover is used at the site. This exemption from permanent BMPs must be recorded in the county deed records, with a notice that if the percent impervious cover increases above 20% or land use changes, the exemption for the whole site as described in the property boundaries required by 30 TAC §213.4(g) (relating to Application Processing and Approval), may no longer apply and the property owner must notify the appropriate regional office of these changes.

- ☐ **Attachment I - 20% or Less Impervious Cover Waiver.** The site will be used for multi-family residential developments, schools, or small business sites and has 20% or less impervious cover. A request to waive the requirements for other permanent BMPs and measures is attached.
- ☐ The site will be used for multi-family residential developments, schools, or small business sites but has more than 20% impervious cover.
- ☒ The site will not be used for multi-family residential developments, schools, or small business sites.

52. ☒ **Attachment J - BMPs for Upgradient Stormwater.**

- ☒ A description of the BMPs and measures that will be used to prevent pollution of surface water, groundwater, or stormwater that originates upgradient from the site and flows across the site is attached.
- ☐ No surface water, groundwater or stormwater originates upgradient from the site and flows across the site, and an explanation is attached.
- ☐ Permanent BMPs or measures are not required to prevent pollution of surface water, groundwater, or stormwater that originates upgradient from the site and flows across the site, and an explanation is attached.

53. ☒ **Attachment K - BMPs for On-site Stormwater.**

- ☒ A description of the BMPs and measures that will be used to prevent pollution of surface water or groundwater that originates on-site or flows off the site, including pollution caused by contaminated stormwater runoff from the site is attached.
- ☐ Permanent BMPs or measures are not required to prevent pollution of surface water or groundwater that originates on-site or flows off the site, including pollution caused by contaminated stormwater runoff, and an explanation is attached.

54. ☒ **Attachment L - BMPs for Surface Streams.** A description of the BMPs and measures that prevent pollutants from entering surface streams is attached.
- ☐ N/A
55. ☒ **Attachment M - Construction Plans.** Construction plans and design calculations for the proposed permanent BMPs and measures have been prepared by or under the direct supervision of a Texas Licensed Professional Engineer, and are signed, sealed, and dated. Construction plans for the proposed permanent BMPs and measures are attached and include: Design calculations, TCEQ Construction Notes, all proposed structural plans and specifications, and appropriate details.
- ☐ N/A
56. ☒ **Attachment N - Inspection, Maintenance, Repair and Retrofit Plan.** A site and BMP specific plan for the inspection, maintenance, repair, and, if necessary, retrofit of the permanent BMPs and measures is attached. The plan fulfills all of the following:
- ☒ Prepared and certified by the engineer designing the permanent BMPs and measures
 - ☒ Signed by the owner or responsible party
 - ☐ Outlines specific procedures for documenting inspections, maintenance, repairs, and, if necessary, retrofit.
 - ☒ Contains a discussion of record keeping procedures
- ☐ N/A
57. ☐ **Attachment O - Pilot-Scale Field Testing Plan.** Pilot studies for BMPs that are not recognized by the Executive Director require prior approval from the TCEQ. A plan for pilot-scale field testing is attached.
- ☒ N/A
58. ☒ **Attachment P - Measures for Minimizing Surface Stream Contamination.** A description of the measures that will be used to avoid or minimize surface stream contamination and changes in the way in which water enters a stream as a result of the construction and development is attached. The measures address increased stream flashing, the creation of stronger flows and in-stream velocities, and other in-stream effects caused by the regulated activity, which increase erosion that result in water quality degradation.
- ☐ N/A

Responsibility for Maintenance of Permanent BMPs and Measures after Construction is Complete.

59. ☒ The applicant is responsible for maintaining the permanent BMPs after construction until such time as the maintenance obligation is either assumed in writing by another entity having ownership or control of the property (such as without limitation, an

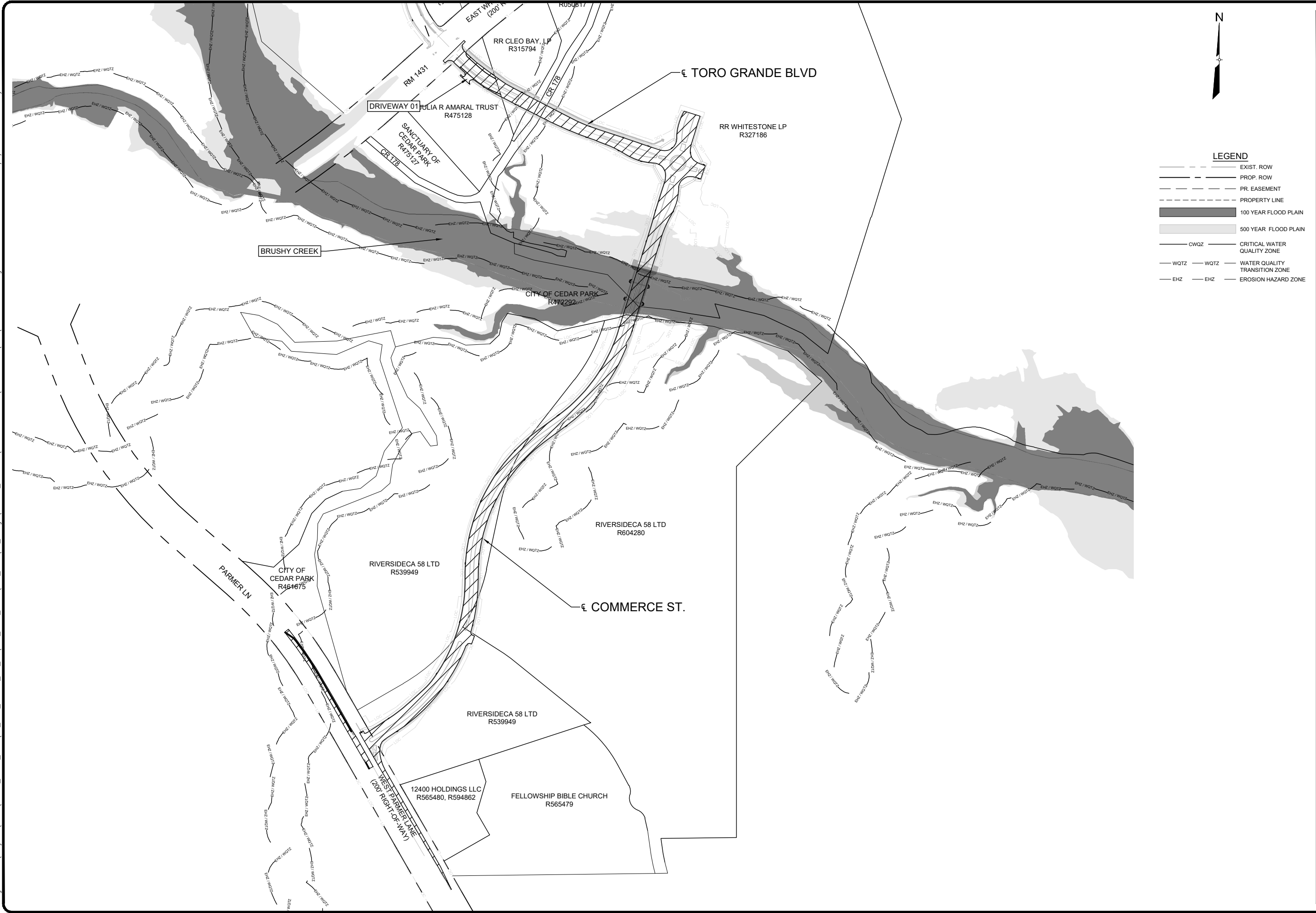
owner's association, a new property owner or lessee, a district, or municipality) or the ownership of the property is transferred to the entity. Such entity shall then be responsible for maintenance until another entity assumes such obligations in writing or ownership is transferred.

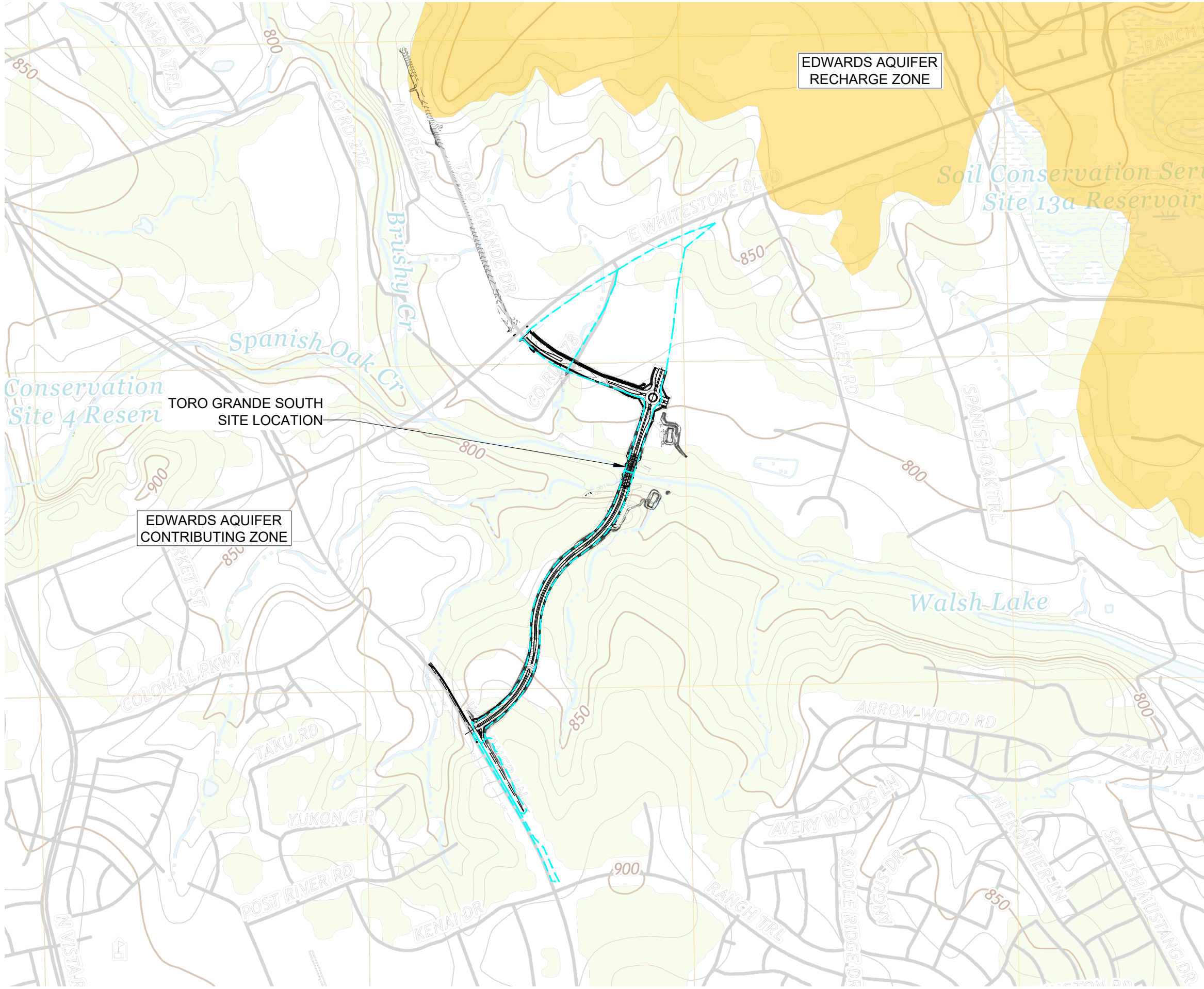
60. ☒ A copy of the transfer of responsibility must be filed with the executive director at the appropriate regional office within 30 days of the transfer if the site is for use as a multiple single-family residential development, a multi-family residential development, or a non-residential development such as commercial, industrial, institutional, schools, and other sites where regulated activities occur.

Administrative Information

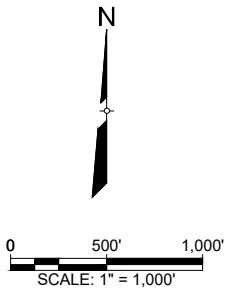
61. ☒ Submit one (1) original and one (1) copy of the application, plus additional copies as needed for each affected incorporated city, groundwater conservation district, and county in which the project will be located. The TCEQ will distribute the additional copies to these jurisdictions.
62. ☒ Any modification of this Contributing Zone Plan may require TCEQ review and Executive Director approval prior to construction, and may require submission of a revised application, with appropriate fees.
63. ☒ The site description, controls, maintenance, and inspection requirements for the storm water pollution prevention plan (SWPPP) developed under the EPA NPDES general permits for stormwater discharges have been submitted to fulfill paragraphs 30 TAC §213.24(1-5) of the technical report. All requirements of 30 TAC §213.24(1-5) have been met by the SWPPP document.
- ☐ The Temporary Stormwater Section (TCEQ-0602) is included with the application.

Dwg Info: G:\Projects\2023\12052_Cedar_Park\04_Toro_Grande_Bld_CA\300_DEPT_DOCS\312_Muni\02_Design\Permits_Licenses\CZP_Modification\Attachments\CAD\Attachment_A.dwg - Plotted: 4/2/2026 9:36 AM By: BARRETT GUINN





BACKGROUND MAP: USGS
LEANDER QUADRANGLE
7.5-MINUTE SERIES



LEGEND

-
-  EDWARDS AQUIFER RECHARGE ZONE
 DRAINAGE PATH
 DRAINAGE AREA BOUNDARIES

ATTACHMENT B - USGS
QUADRANGLE MAP

TORO GRANDE
DWAY IMPROVEN
CEDAR PARK, TEXA



ROJ. NO. 2312-052-02/03
DESIGN:
DRAWN:
CHECK:
PPR:
DATE:

INTERIM REVIEW

Not intended for construction
bidding or permit purposes.

Engineer: JULIE D. HAS

P.E. Serial No.: 88199

Date: _____

THESE DESIGN DOCUMENTS ARE N

USED FOR CONSTRUCTION PROJECTS
REGULATORY SIGNATURE AND F

SHEET

EDWARDS AQUIFER PROTECTION PROGRAM CZP APPLICATION

TCEQ - 10257

ATTACHMENT C – PROJECT NARRATIVE

The City of Cedar Park has commissioned the construction of the Toro Grande Blvd and Commerce St project from Parmer Ln to the proposed Toro Grande Blvd and Commerce St intersection and from the proposed Toro Grande Blvd and Commerce St intersection to RM1431. The project is located in the Edwards Aquifer Contributing and Recharge Zone. The construction involves pavement widening on Toro Grande Blvd as well as new location construction of Commerce St and the addition of turn lanes on Parmer Ln. The 5-lane facility will include turn lanes, center lane medians, concrete sidewalks, concrete driveways, concrete curb and gutter, and base and asphalt pavement. The project will include the demolition of portions of Toro Grande Blvd center lane medians, concrete curb and gutter, and base and asphalt pavement. This proposed project is the ultimate condition roadway and there will be no interim conditions after construction is completed. The ROW area for the project in the Contributing Zone is 23.60 acres and proposed impervious cover in the Contributing Zone's ROW is equal to 14.36 acres, including existing and proposed pavement. Three (3) partial sedimentation - filtration ponds (A, B, and C) will be installed to mitigate the increase in pavement. This results in the following removal summary.

TORO GRANDE BLVD – TSS REMOVAL SUMMARY					
BASIN	TOTAL AREA	EXISTING IMPERVIOUS AREA	PROPOSED IMPERVIOUS AREA	Lm (80% Required Removal)	TSS REMOVAL
	AC	AC	AC	LBS	LBS
DA-1	7.02	0.00	5.32	4,631	4,760
DA-2	27.39	0.24	3.72	3,238	3,380
DA-3	9.09	0.36	1.12	374	700
Parmer	8.56	3.65	4.20	479	0
Total	52.06	4.25	14.36	8,800	8,840

Construction will include new roadway paving and culverts. During construction, temporary stormwater BMP measures will include silt fence, rock filter dam, and any other erosion measures as deemed necessary.

EDWARDS AQUIFER PROTECTION PROGRAM CZP APPLICATION

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ATTACHMENT D – FACTORS AFFECTING SURFACE WATER QUALITY

- I. Major Soil Disturbing Activities Include:
 1. Install erosion and sediment control BMPs down-slope of work area and initiate inspection and maintenance activities.
 2. Begin phased construction with interim stabilization practices. Adjust erosion and sedimentation controls during construction to meet requirements and changing conditions and as directed/approved by the Environmental Compliance Inspector or Environmental Compliance Manager.
 3. Major soil disturbing activities may include but are not limited to: right-of-way preparation, cut and/or fill, paving operations, final grading and placement of topsoil and the following:
 - Clearing and Grubbing
 - Placement of road base
 - Ditch and roadway grading
 - Installation of storm drain systems
- II. Potential sources of contamination associated with the construction phase of this project that could affect storm water quality are listed as follows:
 - Runoff and erosion of sediment and pollutants from exposed soil due to site preparation, including grading, excavation, and clearing vegetation.
 - Oil and Grease from runoff pollutants associated with paving.
 - Construction sewage leaks from sanitary facilities including portable bathrooms and wastewater storage tanks for field office sanitary facilities.
 - Gasoline, engine coolant, transmission fluid, etc. from leaks or spills associated with vehicle use on site.
 - Sediment and high pH runoff caused by concrete mixer washout.
 - Construction product staging, storage, waste and litter.
 - Fertilizer and pesticide used for landscaping.
 - Building materials such as paints and sealants leaked or spilled on site.
 - TSS runoff loads from roadways.
 - Surface water runoff from roadway pavement.
 - Runoff for fuel or hazardous material spills.

EDWARDS AQUIFER PROTECTION PROGRAM CZP APPLICATION

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ATTACHMENT E – VOLUME AND CHARACTER OF STORMWATER

The total drainage area of the Toro Grande South project is 52.06 acres. The existing conditions consist of 4.25 acres of impervious cover with a runoff coefficient of 0.43. With the construction of the proposed roadway, the developed condition consists of 14.36 acres of impervious cover and a runoff coefficient of 0.52. The project has been divided into four major drainage areas: DA-1, DA-2, DA-3, and Parmer.

DA-1 consists of 8.86 acres, with 0.00 acres of impervious cover and a runoff coefficient of 0.41, generating 26.1 cfs of flow for the 100-year storm for existing conditions and 7.08 acres with 5.32 acres of impervious cover and a runoff coefficient of 0.77, generating 72.0 cfs of flow for developed conditions. This indicates that the volume of stormwater increases by 45.9 cfs for DA-1. The stormwater for this drainage area is collected by storm drain network STRM-A, which conveys the runoff into one of the three proposed partial sedimentation-filtration ponds, Pond-A. Pond-A then treats the stormwater and discharges into Brushy Creek.

DA-2 consists of 27.39 acres, with 0.24 acres of impervious cover and a runoff coefficient of 0.41, generating 88.1 cfs of flow for the 100-year storm for existing conditions and 3.72 acres of impervious cover and a runoff coefficient of 0.44, generating 101.6 cfs of flow for developed conditions. This indicates that the volume of stormwater increases by 13.5 cfs for DA-2. The stormwater for this drainage area is collected by storm drain network STRM-B, which conveys the runoff into another of the three proposed partial sedimentation-filtration ponds, Pond-B. Pond-B then treats the stormwater and discharges into Brushy Creek.

DA-3 consists of 9.09 acres, with 0.36 acres of impervious cover and a runoff coefficient of 0.432, generating 33.3 cfs of flow for the 100-year storm for existing conditions 1.12 acres of impervious cover and a runoff coefficient of 0.435, generating 35.2 cfs of flow for developed conditions. This indicates that the volume of stormwater increases by 1.9 cfs for DA-3. The stormwater for this drainage area is collected by storm drain network STRM-C, which conveys the runoff into the last of the three proposed partial sedimentation-filtration ponds, Pond-C. Pond-C then treats the stormwater and discharges into a natural channel branching off Brushy Creek.

There are two proposed drainage areas along Parmer Ln, one of which drains to the upstream headwall of Culvert-A generating 13.9 cfs and the other draining to an area inlet in the median of Parmer Ln generating 7.7 cfs. The additional TSS from the increase in impervious cover for this basin is mitigated in water quality Pond-A

Overall, there is an increase in flow of 61.3 cfs for this project for the 100-year storm. A hydrologic study of Brushy Creek determined that this increase of flow is negligible, and detention is not required. The BMPs selected and described above meet the requirement of 80% Total Suspended Solids (TSS) removal.

EDWARDS AQUIFER PROTECTION PROGRAM CZP APPLICATION

TCEQ - 10257

ATTACHMENT F – SUITABILITY LETTER FROM AUTHORIZED AGENT

Not applicable to this permit application.

EDWARDS AQUIFER PROTECTION PROGRAM CZP APPLICATION

TCEQ - 10257

ATTACHMENT G – ALTERNATIVE SECONDARY CONTAINMENT METHOD

Not applicable to this permit application.

EDWARDS AQUIFER PROTECTION PROGRAM CZP APPLICATION

TCEQ - 10257

ATTACHMENT H – AST CONTAINMENT STRUCTURE DRAWINGS

Not applicable to this permit application.

EDWARDS AQUIFER PROTECTION PROGRAM CZP APPLICATION

TCEQ - 10257

ATTACHMENT I – 20% OR LESS IMPERVIOUS COVER DECLARATION

Not applicable to this permit application.

EDWARDS AQUIFER PROTECTION PROGRAM CZP APPLICATION

TCEQ - 10257

ATTACHMENT J – BMPS FOR UPGRADIENT STORMWATER

The portions of upgradient stormwater that drain into the project area are collected in roadside ditches and conveyed around the proposed impervious cover. In the permanent condition, all upgradient flow patterns will remain unchanged and TSS loading will not be increased. All on-site runoff affected by the increase in impervious cover will be treated fully before converging with any upgradient stormwater.

EDWARDS AQUIFER PROTECTION PROGRAM CZP APPLICATION

TCEQ - 10257

ATTACHMENT K – BMPS FOR ON-SITE STORMWATER

On-site stormwater collected on the roadway is conveyed along the proposed curb and gutter to curb inlets. The stormwater is then conveyed through storm drain networks into the proposed partial sedimentation-filtration water quality ponds and subsequently discharged. These partial sedimentation-filtration water quality ponds were selected as best management practices (BMPs) for this project. Each of three drainage areas (DA-1, DA-2, and DA-3) is associated with a storm drain network (STRM-A, STRM-B, and STRM-C) which each have an associated water quality pond (Pond-A, Pond-B, and Pond-C). Each of these water quality ponds feature a splitter box with a weir to bypass the 100-year storm flow, a sedimentation basin, and a filtration basin with underdrains to ensure a 48-hour drawdown. The additional TSS from the increase in impervious cover for the basin along Parmer Ln is mitigated in water quality Pond-A. These BMPs will meet the 80% TSS removal requirement based on the proposed impervious cover area. The TCEQ TSS Removal Calculations spreadsheets for all three of the drainage areas are included in this attachment.

Texas Commission on Environmental Quality

TSS Removal Calculations 04-20-2009

Project Name: **Toro Grande South**

Date Prepared: **3/26/2026**

Additional information is provided for cells with a red triangle in the upper right corner. Place the cursor over the cell.

Text shown in blue indicate location of instructions in the Technical Guidance Manual - RG-348.

Characters shown in red are data entry fields.

Characters shown in black (Bold) are calculated fields. Changes to these fields will remove the equations used in the spreadsheet.

1. The Required Load Reduction for the total project:

Calculations from RG-348

Pages 3-27 to 3-30

Page 3-29 Equation 3.3: $L_M = 27.2(A_N \times P)$

where:

$L_{M \text{ TOTAL PROJECT}}$ = Required TSS removal resulting from the proposed development = 80% of increased load

A_N = Net increase in impervious area for the project

P = Average annual precipitation, inches

Site Data: Determine Required Load Removal Based on the Entire Project

County =	Williamson	
Total project area included in plan *	52.06	acres
Predevelopment impervious area within the limits of the plan *	4.25	acres
Total post-development impervious area within the limits of the plan *	14.36	acres
Total post-development impervious cover fraction *	0.27	
P	32	inches

$L_{M \text{ TOTAL PROJECT}}$ = **8800** lbs.

* The values entered in these fields should be for the total project area.

Number of drainage basins / outfalls areas leaving the plan area = **4**

2. Drainage Basin Parameters (This information should be provided for each basin):

Drainage Basin/Outfall Area No. = **1**

Total drainage basin/outfall area =	6.88	acres
Predevelopment impervious area within drainage basin/outfall area =	0.00	acres
Post-development impervious area within drainage basin/outfall area =	5.32	acres
Post-development impervious fraction within drainage basin/outfall area =	0.77	
$L_{M \text{ THIS BASIN}}$ =	4631	lbs.

3. Indicate the proposed BMP Code for this basin.

Proposed BMP = Sand Filter
Removal efficiency = **89** percent

Aqualogic Cartridge Filter
Batch Detention
Bioretention
Contech StormFilter
Constructed Wetland
Extended Detention
Grassy Swale
Retention / Irrigation
Sand Filter
Stormceptor
Vegetated Filter Strips
Vortechs
Wet Basin
Wet Vault

4. Calculate Maximum TSS Load Removed (L_R) for this Drainage Basin by the selected BMP Type.

RG-348 Page 3-33 Equation 3.7: $L_R = (\text{BMP efficiency}) \times P \times (A_i \times 34.6 + A_p \times 0.54)$

where:

A_C = Total On-Site drainage area in the BMP catchment area

A_i = Impervious area proposed in the BMP catchment area

A_p = Pervious area remaining in the BMP catchment area

L_R = TSS Load removed from this catchment area by the proposed BMP

A_C =	6.88	acres
A_i =	5.32	acres
A_p =	1.56	acres
L_R =	5266	lbs



5. Calculate Fraction of Annual Runoff to Treat the drainage basin / outfall area

Desired $L_{M \text{ THIS BASIN}}$ = **4760** lbs.

F = **0.90**

6. Calculate Capture Volume required by the BMP Type for this drainage basin / outfall area.

Calculations from RG-348

Pages 3-34 to 3-36

Rainfall Depth = **1.70** inches
Post Development Runoff Coefficient = **0.59**
On-site Water Quality Volume = **24983** cubic feet

Calculations from RG-348 Pages 3-36 to 3-37

Off-site area draining to BMP = **0.00** acres
Off-site Impervious cover draining to BMP = **0.00** acres
Impervious fraction of off-site area = **0**
Off-site Runoff Coefficient = **0.00**
Off-site Water Quality Volume = **0** cubic feet

Storage for Sediment = **4997**

Total Capture Volume (required water quality volume(s) x 1.20) = **29979** cubic feet

The following sections are used to calculate the required water quality volume(s) for the selected BMP.
The values for BMP Types not selected in cell C45 will show NA.

9. Filter area for Sand Filters

Designed as Required in RG-348

Pages 3-58 to 3-63

9B. Partial Sedimentation and Filtration System

Water Quality Volume for combined basins = **29979** cubic feet

Minimum filter basin area = **2498** square feet

Maximum sedimentation basin area = **9993** square feet For minimum water depth of 2 feet
Minimum sedimentation basin area = **625** square feet For maximum water depth of 8 feet

Texas Commission on Environmental Quality

TSS Removal Calculations 04-20-2009

Project Name: **Toro Grande South**

Date Prepared: **3/26/2026**

Additional information is provided for cells with a red triangle in the upper right corner. Place the cursor over the cell.

Text shown in blue indicate location of instructions in the Technical Guidance Manual - RG-348.

Characters shown in red are data entry fields.

Characters shown in black (Bold) are calculated fields. Changes to these fields will remove the equations used in the spreadsheet.

1. The Required Load Reduction for the total project:

Calculations from RG-348

Pages 3-27 to 3-30

Page 3-29 Equation 3.3: $L_M = 27.2(A_N \times P)$

where:

L_M TOTAL PROJECT = Required TSS removal resulting from the proposed development = 80% of increased load

A_N = Net increase in impervious area for the project

P = Average annual precipitation, inches

Site Data: Determine Required Load Removal Based on the Entire Project

County = **Williamson**

Total project area included in plan * = **52.06** acres

Predevelopment impervious area within the limits of the plan * = **4.25** acres

Total post-development impervious area within the limits of the plan * = **14.36** acres

Total post-development impervious cover fraction * = **0.27**

P = **32** inches

L_M TOTAL PROJECT = **8800** lbs.

* The values entered in these fields should be for the total project area.

Number of drainage basins / outfalls areas leaving the plan area = **4**

2. Drainage Basin Parameters (This information should be provided for each basin):

Drainage Basin/Outfall Area No. = **2**

Total drainage basin/outfall area = **5.88** acres

Predevelopment impervious area within drainage basin/outfall area = **0.00** acres

Post-development impervious area within drainage basin/outfall area = **3.72** acres

Post-development impervious fraction within drainage basin/outfall area = **0.63**

L_M THIS BASIN = **3238** lbs.

3. Indicate the proposed BMP Code for this basin.

Proposed BMP = **Sand Filter**
Removal efficiency = **89** percent

Aqualogic Cartridge Filter
Batch Detention
Bioretention
Contech StormFilter
Constructed Wetland
Extended Detention
Grassy Swale
Retention / Irrigation
Sand Filter
Stormceptor
Vegetated Filter Strips
Vortechs
Wet Basin
Wet Vault

4. Calculate Maximum TSS Load Removed (L_R) for this Drainage Basin by the selected BMP Type.

RG-348 Page 3-33 Equation 3.7: $L_R = (\text{BMP efficiency}) \times P \times (A_i \times 34.6 + A_p \times 0.54)$

where:

A_C = Total On-Site drainage area in the BMP catchment area

A_i = Impervious area proposed in the BMP catchment area

A_p = Pervious area remaining in the BMP catchment area

L_R = TSS Load removed from this catchment area by the proposed BMP

A_C = **5.88** acres

A_i = **3.72** acres

A_p = **2.16** acres

L_R = **3699** lbs

5. Calculate Fraction of Annual Runoff to Treat the drainage basin / outfall area

Desired L_M THIS BASIN = **3380** lbs.

F = **0.91**

6. Calculate Capture Volume required by the BMP Type for this drainage basin / outfall area.

Calculations from RG-348

Pages 3-34 to 3-36

Rainfall Depth = **1.80** inches
Post Development Runoff Coefficient = **0.45**
On-site Water Quality Volume = **17105** cubic feet

Calculations from RG-348 Pages 3-36 to 3-37

Off-site area draining to BMP = **0.00** acres
Off-site Impervious cover draining to BMP = **0.00** acres
Impervious fraction of off-site area = **0**
Off-site Runoff Coefficient = **0.00**
Off-site Water Quality Volume = **0** cubic feet

Storage for Sediment = **3421**

Total Capture Volume (required water quality volume(s) x 1.20) = **20526** cubic feet

The following sections are used to calculate the required water quality volume(s) for the selected BMP.
The values for BMP Types not selected in cell C45 will show NA.

9. Filter area for Sand Filters

Designed as Required in RG-348

Pages 3-58 to 3-63

9B. Partial Sedimentation and Filtration System

Water Quality Volume for combined basins = **20526** cubic feet

Minimum filter basin area = **1710** square feet

Maximum sedimentation basin area = **6842** square feet For minimum water depth of 2 feet

Minimum sedimentation basin area = **428** square feet For maximum water depth of 8 feet

Texas Commission on Environmental Quality

TSS Removal Calculations 04-20-2009

Project Name: **Toro Grande South**

Date Prepared: **3/26/2026**

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1. The Required Load Reduction for the total project:

Calculations from RG-348

Pages 3-27 to 3-30

Page 3-29 Equation 3.3: $L_M = 27.2(A_N \times P)$

where:

L_M TOTAL PROJECT = Required TSS removal resulting from the proposed development = 80% of increased load

A_N = Net increase in impervious area for the project

P = Average annual precipitation, inches

Site Data: Determine Required Load Removal Based on the Entire Project

County = **Williamson**

Total project area included in plan * = **52.06** acres

Predevelopment impervious area within the limits of the plan * = **4.25** acres

Total post-development impervious area within the limits of the plan * = **14.36** acres

Total post-development impervious cover fraction * = **0.27**

P = **32** inches

L_M TOTAL PROJECT = **8800** lbs.

* The values entered in these fields should be for the total project area.

Number of drainage basins / outfalls areas leaving the plan area = **4**

2. Drainage Basin Parameters (This information should be provided for each basin):

Drainage Basin/Outfall Area No. = **3**

Total drainage basin/outfall area = **1.14** acres

Predevelopment impervious area within drainage basin/outfall area = **0.36** acres

Post-development impervious area within drainage basin/outfall area = **0.79** acres

Post-development impervious fraction within drainage basin/outfall area = **0.69**

L_M THIS BASIN = **374** lbs.

3. Indicate the proposed BMP Code for this basin.

Proposed BMP = **Sand Filter**
Removal efficiency = **89** percent

Aqualogic Cartridge Filter
Batch Detention
Bioretention
Contech StormFilter
Constructed Wetland
Extended Detention
Grassy Swale
Retention / Irrigation
Sand Filter
Stormceptor
Vegetated Filter Strips
Vortechs
Wet Basin
Wet Vault

4. Calculate Maximum TSS Load Removed (L_R) for this Drainage Basin by the selected BMP Type.

RG-348 Page 3-33 Equation 3.7: $L_R = (\text{BMP efficiency}) \times P \times (A_I \times 34.6 + A_P \times 0.54)$

where:

A_C = Total On-Site drainage area in the BMP catchment area

A_I = Impervious area proposed in the BMP catchment area

A_P = Pervious area remaining in the BMP catchment area

L_R = TSS Load removed from this catchment area by the proposed BMP

A_C = **1.14** acres

A_I = **0.79** acres

A_P = **0.35** acres

L_R = **784** lbs

5. Calculate Fraction of Annual Runoff to Treat the drainage basin / outfall area

Desired L_M THIS BASIN = **700** lbs.

F = **0.89**

6. Calculate Capture Volume required by the BMP Type for this drainage basin / outfall area.

Calculations from RG-348

Pages 3-34 to 3-36

Rainfall Depth = **1.60** inches
Post Development Runoff Coefficient = **0.50**
On-site Water Quality Volume = **3302** cubic feet

Calculations from RG-348 Pages 3-36 to 3-37

Off-site area draining to BMP = **0.00** acres
Off-site Impervious cover draining to BMP = **0.00** acres
Impervious fraction of off-site area = **0**
Off-site Runoff Coefficient = **0.00**
Off-site Water Quality Volume = **0** cubic feet

Storage for Sediment = **660**

Total Capture Volume (required water quality volume(s) x 1.20) = **3963** cubic feet

The following sections are used to calculate the required water quality volume(s) for the selected BMP.
The values for BMP Types not selected in cell C45 will show NA.

9. Filter area for Sand Filters

Designed as Required in RG-348

Pages 3-58 to 3-63

9B. Partial Sedimentation and Filtration System

Water Quality Volume for combined basins = **3963** cubic feet

Minimum filter basin area = **330** square feet

Maximum sedimentation basin area = **1321** square feet For minimum water depth of 2 feet

Minimum sedimentation basin area = **83** square feet For maximum water depth of 8 feet

Texas Commission on Environmental Quality

TSS Removal Calculations 04-20-2009

Project Name: **Toro Grande South**

Date Prepared: **4/2/2024**

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1. The Required Load Reduction for the total project:

Calculations from RG-348

Pages 3-27 to 3-30

Page 3-29 Equation 3.3: $L_M = 27.2(A_N \times P)$

where:

$L_{M \text{ TOTAL PROJECT}}$ = Required TSS removal resulting from the proposed development = 80% of increased load

A_N = Net increase in impervious area for the project

P = Average annual precipitation, inches

Site Data: Determine Required Load Removal Based on the Entire Project

County = **Williamson**

Total project area included in plan * = **52.06** acres

Predevelopment impervious area within the limits of the plan * = **4.25** acres

Total post-development impervious area within the limits of the plan* = **14.36** acres

Total post-development impervious cover fraction * = **0.27**

P = **32** inches

$L_{M \text{ TOTAL PROJECT}}$ = **8800** lbs.

* The values entered in these fields should be for the total project area.

Number of drainage basins / outfalls areas leaving the plan area = **4**

2. Drainage Basin Parameters (This information should be provided for each basin):

Drainage Basin/Outfall Area No. = **4**

Total drainage basin/outfall area = **8.56** acres

Predevelopment impervious area within drainage basin/outfall area = **3.65** acres

Post-development impervious area within drainage basin/outfall area = **4.20** acres

Post-development impervious fraction within drainage basin/outfall area = **0.49**

$L_{M \text{ THIS BASIN}}$ = **479** lbs.

3. Indicate the proposed BMP Code for this basin.

Proposed BMP = N/A

Removal efficiency = **0** percent

4. Calculate Maximum TSS Load Removed (L_R) for this Drainage Basin by the selected BMP Type.

RG-348 Page 3-33 Equation 3.7: $L_R = (\text{BMP efficiency}) \times P \times (A_i \times 34.6 + A_p \times 0.54)$

where:

A_C = Total On-Site drainage area in the BMP catchment area

A_i = Impervious area proposed in the BMP catchment area

A_p = Pervious area remaining in the BMP catchment area

L_R = TSS Load removed from this catchment area by the proposed BMP

A_C = **8.56** acres

A_i = **4.20** acres

A_p = **4.36** acres

L_R = **0** lbs

5. Calculate Fraction of Annual Runoff to Treat the drainage basin / outfall area

Desired $L_{M \text{ THIS BASIN}}$ = **0** lbs.

F = **0.00**

EDWARDS AQUIFER PROTECTION PROGRAM CZP APPLICATION

TCEQ - 10257

ATTACHMENT L – BMPs FOR SURFACE STREAMS

Runoff from the site will be collected and treated using partial sedimentation-filtration water quality ponds prior to being discharged into surface waters.

EDWARDS AQUIFER PROTECTION PROGRAM CZP APPLICATION

TCEQ - 10257

ATTACHMENT M – CONSTRUCTION PLANS

Attached at the end of this permit application.

EDWARDS AQUIFER PROTECTION PROGRAM CZP APPLICATION

TCEQ - 10257

ATTACHMENT N – INSPECTION, MAINTENANCE, REPAIR AND RETROFIT PLAN

The inspection, maintenance, and repair of the proposed partial sedimentation-filtration ponds will follow TCEQ Requirements and Criteria. The proposed partial sedimentation-filtration ponds will capture and remove pollutants from storm runoff. Inspection activities will include, but not limited to, the observation of standing water, damage to filtration system, damage to gabion wall, and damage to splitter boxes. Inspections will occur annually or more frequently as needed. Maintenance activities will include, but not limited to, the removal of accumulated paper, trash, and debris every six (6) months. Vegetation within the partial sedimentation-filtration pond shall not exceed eighteen (18) inches in height at any time, and any vegetation mowed or cut shall be removed.

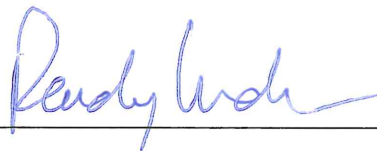
Responsible Party for Maintenance:

City Cedar Park

450 Cypress Creek Road

Cedar Park, Texas 78613

Signature of Responsible Party: _____

A handwritten signature in blue ink, appearing to read "Randy Wroble", is written over a horizontal line.

EDWARDS AQUIFER PROTECTION PROGRAM CZP APPLICATION

TCEQ - 10257

ATTACHMENT O – PILOT-SCALE FIELD TESTING PLAN

Not applicable to this permit application.

EDWARDS AQUIFER PROTECTION PROGRAM CZP APPLICATION

TCEQ - 10257

ATTACHMENT P – MEASURES FOR MINIMIZING SURFACE STREAM CONTAMINATION

Based on the increase in impervious cover for this project of 10.11 acres, there is an increase in flow of 51.3 cfs for this project for the 100-year storm event. A hydrologic study of Brushy Creek determined that this increase of flow is negligible, and detention is not required.

During construction, temporary BMPs outlined in the Storm Water Pollution Prevention Plan (SW3P), located in the construction plans, will be utilized to treat any on-site runoff prior to entering any surface streams. From an environmental point of view, silt fences, rock berms, stabilized construction entrances, seeding, and inlet protection are selected to minimize sediment in effluent stormwater. After construction, partial sedimentation-filtration water quality ponds were selected as BMPs to meet the requirement of 80% Total Suspended Solids (TSS) removal.

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: Julie Hastings

Date: 4/9/2026

Signature of Customer/Agent:

Julie Hastings

Regulated Entity Name: Toro Grande Blvd (Commerce St to RM1431), Commerce St (Parmer Ln to Toro Grande Blvd), and Parmer Ln (FM 734)

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: Brushy Creek

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.

EDWARDS AQUIFER PROTECTION PROGRAM CZP APPLICATION

TCEQ - 0602

ATTACHMENT A – SPILL RESPONSE ACTIONS

Measures that will be taken to contain any spill of hydrocarbons or hazardous substances will include:

1. Immediate isolation of the substance source to keep additional spill or possible infiltration from occurring. 2-3 cubic yards of clean sand shale shall be kept on site to assist in the isolation and containment of the spill material.
2. The substance and contaminated materials will be excavated and placed within an impervious container or impervious-lined area that is protected from STORM WATER runoff. Excavated materials will be covered to protect against rain.
3. The hazardous substance will be positively identified.
4. The spill area, after the excavation, will be sampled to verify that the hazardous substance has been properly and adequately remediated.
5. The excavated materials will be disposed of at an approved facility licensed to accept the substance identified. All transporting and disposal will follow State requirements for hazardous substances.
6. In the event of a reportable spill (as defined by the Texas Administrative Code Rule 327.4) TCEQ is to be notified immediately:
 - Environmental Release Hotline or the Texas Natural Resource Conservation Commission (TNRCC) 1-800-832-8224

To prevent the spills in the construction area the following guidelines will be followed as specified in the "Guidance for Sustainable Stormwater Drainage on the Texas Coast" 3rd Edition. More information can be found on the Texas General Land Office website

<https://cleancoast.texas.gov/>

3.3 Spill Prevention and Control

The objective of this section is to describe measures to prevent or reduce the discharge of pollutants to drainage systems or watercourses from leaks and spills by reducing the chance for spills, stopping the source of spills, containing and cleaning up spills, properly disposing of spill materials, and training employees. The following steps will help reduce the stormwater impacts of leaks and spills:

Education

- 1) Be aware that different materials pollute in different amounts. Make sure that each employee knows what a "significant spill" is for each material they use, and what is the appropriate response for "significant" and "insignificant" spills. Employees should also be aware of when spill must be reported to the TCEQ. Information available in 30 TAC 327.4 and 40 CFR 302.4.

- 2) Educate employees and subcontractors on potential dangers to humans and the environment from spills and leaks.
- 3) Hold regular meetings to discuss and reinforce appropriate disposal procedures (incorporate into regular safety meetings).
- 4) Establish a continuing education program to indoctrinate new employees.
- 5) Have contractor's superintendent or representative oversee and enforce proper spill prevention and control measures.

General Measures

- 1) To the extent that the work can be accomplished safely, spills of oil, petroleum products, substances listed under 40 CFR parts 110,117, and 302, and sanitary and septic wastes should be contained and cleaned up immediately.
- 2) Store hazardous materials and wastes in covered containers and protect from vandalism.
- 3) Place a stockpile of spill cleanup materials where it will be readily accessible.
- 4) Train employees in spill prevention and cleanup.
- 5) Designate responsible individuals to oversee and enforce control measures.
- 6) Spills should be covered and protected from stormwater run-on during rainfall to the extent that it doesn't compromise clean up activities.
- 7) Do not bury or wash spills with water.
- 8) Store and dispose of used clean up materials, contaminated materials, and recovered spill material that is no longer suitable for the intended purpose in conformance with the provisions in applicable BMPs.
- 9) Do not allow water used for cleaning and decontamination to enter storm drains or watercourses. Collect and dispose of contaminated water in accordance with applicable regulations.
- 10) Contain water overflow or minor water spillage and do not allow it to discharge into drainage facilities or watercourses.
- 11) Place Material Safety Data Sheets(MSDS), as well as proper storage, cleanup, and spill reporting instructions for hazardous materials stored or used on the project site in an open, conspicuous, and accessible location.

- 12) Keep waste storage areas clean, well organized, and equipped with ample cleanup supplies as appropriate for the materials being stored. Perimeter controls, containment structures, covers, and lines should be repaired or replaced as needed to maintain proper function.

Cleanup

- 1) Clean up leaks and spills immediately.
- 2) Use a rag for small spills on paved surfaces, a damp mop for general cleanup, and absorbent material for larger spills. If the spilled material is hazardous, then the used cleanup materials are also hazardous and must be disposed of as hazardous waste.
- 3) Never hose down or bury dry material spills. Clean up as much of the material as possible and dispose of properly. See the waste management BMPs in this section for specific information.

Minor Spills

- 1) Minor spills typically involve small quantities of oil, gasoline, paint, etc. which can be controlled by the first responder at the discovery of the spill.
- 2) Use absorbent materials on small spills rather than hosing down or burying the spill.
- 3) Absorbent materials should be promptly removed and disposed of properly.
 - Follow the practice below for a minor spill.
 - Contain the spread of the spill.
 - Recover spilled materials.
 - Clean the contaminated area and properly dispose of contaminated materials.

Semi-Significant Spills

Semi-significant spills still can be controlled by the first responder along with the aid of other personnel such as laborers and the foreman, etc. This response may require the cessation of all other activities.

Spills should be cleaned up immediately;

- 1) Contain spread of the spill.
- 2) Notify the project foreman immediately.
- 3) If the spill occurs on paved or impermeable surfaces, clean up using "dry" methods (absorbent materials, cat litter and/or rags). Contain the spill by encircling with absorbent materials and do not let the spill spread widely.

- 4) If the spill occurs in dirt areas, immediately contain the spill by constructing an earthen dike. Dig up and properly dispose of contaminated soil.
- 5) If the spill occurs during rain, cover spill with tarps or other material to prevent contaminating runoff.

Significant/Hazardous Spills

For significant or hazardous spills that are in reportable quantities:

- 1) Notify the TCEQ by telephone as soon as possible and within 24 hours. It is the contractor's responsibility to have all emergency phone numbers at the construction site.
- 2) For spills of federal reportable quantities, in conformance with the requirements in 40 CFR parts 110, 119, and 302, the contractor should notify the National Response Center at (800) 424-8802.
- 3) Notification should first be made by telephone and followed up with a written report.
- 4) The services of a spills contractor or a Haz-Mat team should be obtained immediately. Construction personnel should not attempt to clean up until appropriate and qualified staffs have arrived at the job site.
- 5) Other agencies which may need to be consulted include, but are not limited to, the City Police Department, County Sheriff Office, Fire Departments, etc.

Vehicle And Equipment Maintenance

- 1) If maintenance must occur onsite, use a designated area and a secondary containment, located away from drainage courses, to prevent the run-on of stormwater and the runoff of spills.
- 2) Regularly inspect onsite vehicles and equipment for leaks and repair immediately
- 3) Check incoming vehicles and equipment (including delivery trucks, as well as employee and subcontractor vehicles) for leaking oil and fluids. Do not allow leaking vehicles or equipment onsite.
- 4) Always use secondary containment, such as a drain pan or drop cloth, to catch spills or leaks when removing or changing fluids.
- 5) Place drip pans or absorbent materials under paving equipment when not in use.
- 6) Use absorbent materials on small spills rather than hosing down or burying the spill. Remove the absorbent materials promptly and dispose of properly.

- 7) Promptly transfer used fluids to the proper waste or recycling drums. Don't leave full drip pans or other open containers lying around.
- 8) Oil filters disposed of in trashcans or dumpsters can leak oil and pollute stormwater. Place the oil filter in a funnel over a waste oil-recycling drum to drain excess oil before disposal. Oil filters can also be recycled. Ask the oil supplier or recycler about recycling oil filters.
- 9) Store cracked batteries in a non-leaking secondary container. Do this with all cracked batteries even if you think all the acid has drained out. If you drop a battery, treat it as if it is cracked. Put it into the containment area until you are sure it is not leaking.

Vehicle And Equipment Fueling

- 1) If fueling must occur on site, use designated areas, located away from drainage courses, to prevent the run-on of stormwater and the runoff of spills.
- 2) Discourage "topping off" of fuel tanks.
- 3) Always use secondary containment, such as a drain pan, when fueling to catch spills/leaks.

More information on spill rules and appropriate responses is available on the TCEQ website at:
<https://www.tceq.texas.gov/response/spills/actions.html>

EDWARDS AQUIFER PROTECTION PROGRAM CZP APPLICATION

TCEQ - 0602

ATTACHMENT B – POTENTIAL SOURCES OF CONTAMINATION

I. Potential sources of contamination associated with the construction phase of this project that could affect storm water quality are listed as follows:

- Runoff and erosion of sediment and pollutants from exposed soil due to site preparation, including grading, excavation, and clearing vegetation.
- Oil and Grease from runoff pollutants associated with paving.
- Construction sewage leaks from sanitary facilities including portable bathrooms and wastewater storage tanks for field office sanitary facilities.
- Gasoline, engine coolant, transmission fluid, etc. from leaks or spills associated with vehicle use on site.
- Sediment and high pH runoff caused by concrete mixer washout.
- Construction product staging, storage, waste and litter.
- Fertilizer and pesticide used for landscaping.
- Building materials such as paints and sealants leaked or spilled on site.
- TSS runoff loads from roadways.
- Surface water runoff from roadway pavement.
- Runoff for fuel or hazardous material spills.

EDWARDS AQUIFER PROTECTION PROGRAM CZP APPLICATION

TCEQ - 0602

ATTACHMENT C – SEQUENCE OF MAJOR ACTIVITIES

1. In order to prevent pollutants from entering the aquifer, silt fence and rock berms will be placed downgradient of any disturbance prior to any construction activities such as grading and clearing.
 - Silt fence and rock berms will not be removed until the completion of the construction and the site is fully vegetated
2. Inlet protection needs to be installed for the storm drain inlets along Toro Grande Blvd. The purpose of the inlet protection is to prevent existing pipe from clogging or losing a major portion of its capacity
3. Construction will then commence on the Toro Grande Blvd.
4. After the entire site is vegetatively re-established, all temporary BMP's will be removed.

EDWARDS AQUIFER PROTECTION PROGRAM CZP APPLICATION

TCEQ 0602

ATTACHMENT D – TEMPORARY BEST MANAGEMENT PRACTICES AND MEASURES

Onsite Stormwater:

Silt fences have been proposed directly downgradient of proposed construction activities where there is not concentrated flow. Where concentrated flow exits the proposed construction area, rock berms have been proposed. These measures will reduce the velocity of onsite and upgradient stormwater exiting the proposed construction area, which will reduce the amount of sediment picked up by the stormwater. Inlet protection is also proposed at the entrance of all existing and proposed inlets to prevent clogging due to onsite and upgradient stormwater.

The proposed downgradient silt fences and rock berms also serve to prevent suspended sediment from exiting the construction area and flowing into Brushy Creek. These measures prevent pollutants from entering surface streams, sensitive features, or the aquifer. There were no naturally occurring sensitive features identified in the Geologic Assessment. The only sensitive features identified in the Geologic Assessment are manmade structures and boreholes, which were all deemed sensitive for the sole purpose of bringing them to the attention of the engineer.

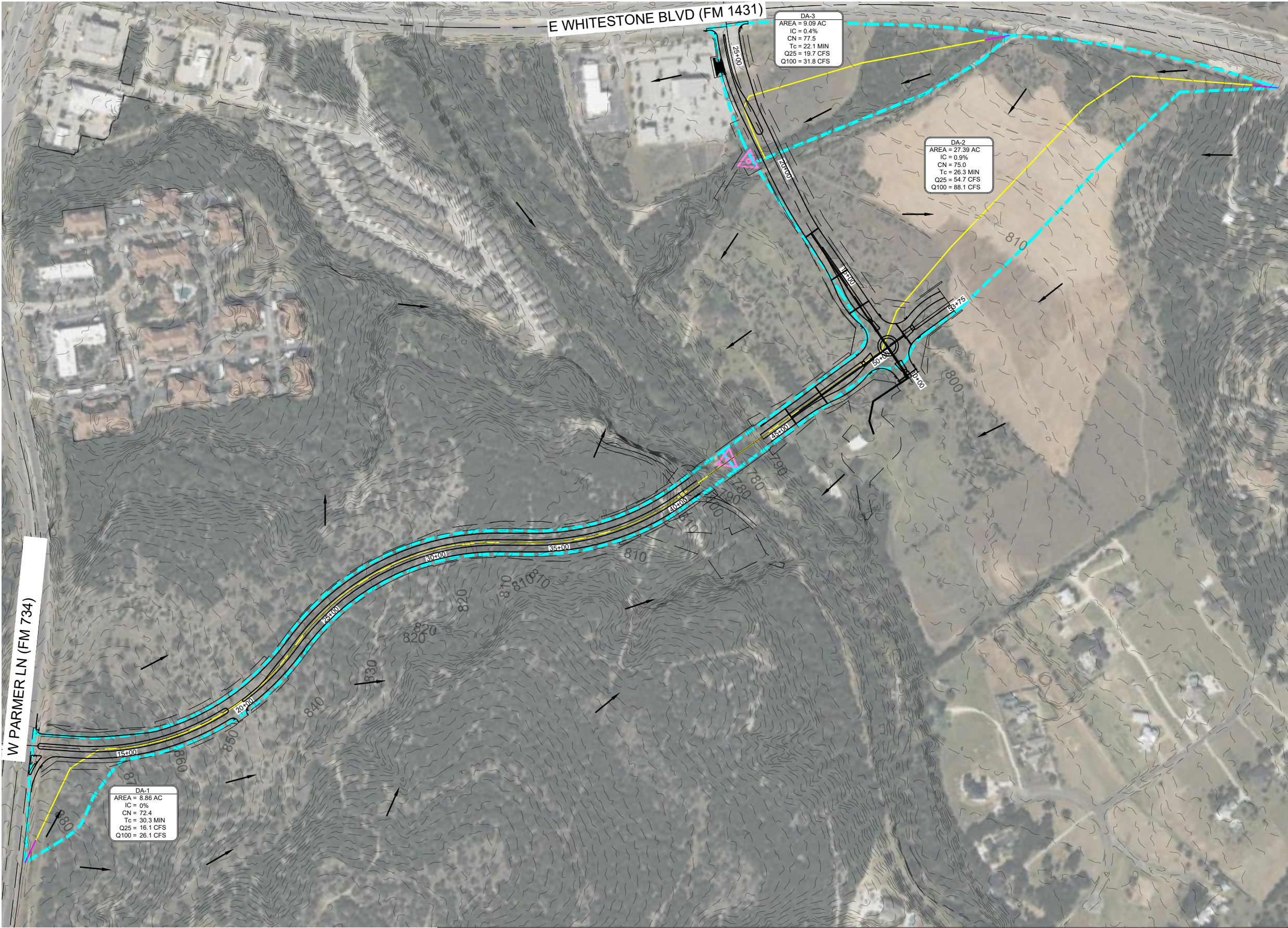
EDWARDS AQUIFER PROTECTION PROGRAM CZP APPLICATION

TCEQ 0602

ATTACHMENT F – STRUCTURAL PRACTICES

The structural practices proposed that will limit runoff discharge of pollutants from exposed areas of the site will be the use of silt fences, rock berms, and inlet protection to prevent the excavated material from washing across the site.

Dwg Info: \\austinserve\common\Projects\2023\12052_Cedar_Park\03_Toro_Grande_South\400_CAD\412_Muni\C-STORM-DA-MAPS.dwg - Tab: EXISTING DRAINAGE AREA MAP - Plotted: 2/6/2025 12:36 PM By: JAVIER HOLGUIN



EXISTING CONDITIONS											
DA	AREA (AC)	IMPERVIOUS COVER (AC)	IMPERVIOUS COVER (%)	TIME OF CONCENTRATION (MIN)	CN	C25	C100	I25 (IN/HR)	I100 (IN/HR)	Q25 (CFS)	Q100 (CFS)
1	8.86	0.00	0.0%	30.3	72.4	0.34	0.41	5.4	7.2	16.1	26.1
2	27.39	0.24	0.9%	26.3	75.0	0.34	0.41	5.8	7.8	54.7	88.1
3	9.09	0.36	4.0%	22.1	81.0	0.36	0.43	6.3	8.5	20.9	33.3

0200'400'
SCALE: 1" = 400'

LEGEND

PROPOSED DRAINAGE AREA BOUNDARY

SHEET FLOW

SHALLOW FLOW

CHANNEL FLOW

DA-ID

AREA = XX AC

IC = XX %

CN = XX

Tc = XX MIN

Q25 = XX CFS

Q100 = XX CFS

DRAINAGE AREA LABEL

POINT OF STUDY

FLOW DIRECTION

FEMA 100 YEAR FLOODPLAIN LIMIT

DATE
APPROVED BY:
REVISION DESCRIPTION
REV. NO.

CobbFendley

TOPICS ENGINEERING FIRM NO. F-274 LAND SURVEYING FIRM NO. 1048701
1000 N. MILITARY AVE. SUITE 600
AUSTIN, TEXAS 78705
P: 512.834.0788 F: 512.834.7727
WWW.COBBFENDLEY.COM

ATTACHMENT G
DRAINAGE AREA MAPS (EXISTING)

TORO GRANDE
ROADWAY IMPROVEMENTS
CEDAR PARK, TEXAS

CEDAR PARK

PROJ. NO. 2312-052-02/03
DESIGN: B. GUINN
DRAWN: B. GUINN
CHECK: L. PRINCE
APPR: J. HASTINGS
DATE: 2/6/2025

INTERIM REVIEW

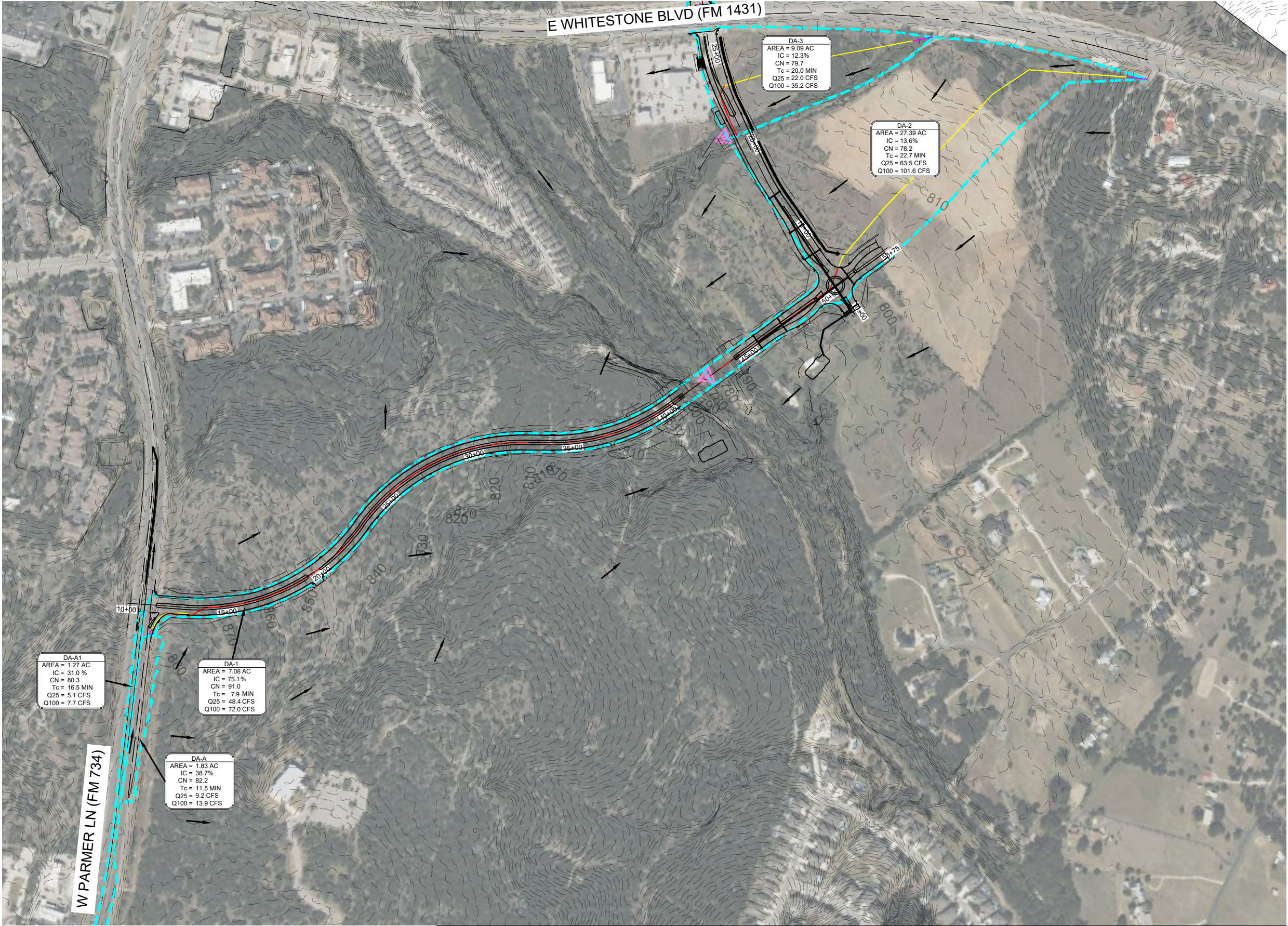
Not intended for construction, bidding or permit purposes.

Engineer: JULIE D. HASTINGS
P.E. Serial No.: 88199
Date: 2/6/2025

THESE DESIGN DOCUMENTS ARE NOT TO BE USED FOR CONSTRUCTION PRIOR TO REGULATORY SIGNATURE AND PERMIT.

SHEET

Dwg Info: G:\Projects\2023\12052_Cedar_Park\03_Toro_Grande_South\400_CAD\412_Muni\C-STORM-DA-MAPS.dwg - Tab: DEVELOPED DRAINAGE AREA MAP - Plotted: 4/1/2026 11:11 AM By: BARRETT GUINN



SCALE: 1" = 400'

LEGEND

PROPOSED DRAINAGE AREA BOUNDARY

SHEET FLOW

SHALLOW FLOW

CHANNEL FLOW

DRAINAGE AREA LABEL

DA-ID

AREA = XX AC

IC = XX %

CN = XX

Tc = XX MIN

Q25 = XX CFS

Q100 = XX CFS

POINT OF STUDY

FLOW DIRECTION

FEMA 100 YEAR FLOODPLAIN LIMIT

DEVELOPED CONDITIONS												
DA	AREA (AC)	IMPERVIOUS COVER (AC)	IMPERVIOUS COVER (%)	TIME OF CONCENTRATION (MIN)	CN	C25	C100	I25 (IN/HR)	I100 (IN/HR)	Q25 (CFS)	Q100 (CFS)	
1	7.08	5.32	75.1%	7.9	91.0	0.69	0.77	9.9	13.2	48.4	72.0	
2	27.39	3.72	13.6%	22.7	78.2	0.37	0.44	6.3	8.4	63.5	101.6	
3	9.09	1.12	12.3%	20.0	79.7	0.36	0.43	6.7	8.9	22.0	35.2	
A	1.83	0.71	38.7%	11.5	82.2	0.58	0.66	8.6	11.5	9.2	13.9	
A1	1.27	0.39	31.0%	16.5	80.3	0.54	0.62	7.3	9.8	5.1	7.7	

APPROVED BY: DATE: REVISION DESCRIPTION: REV. NO. NO. DATE

TIPELS ENGINEERING PRIN NO. F-274, LAND SURVEYING PRIN NO. 1046700
1000 N. JACOBSON, AUSTIN, TEXAS 78727
WWW.COBBFENDLEY.COM

DEVELOPED DRAINAGE AREA MAP - SOUTH

TORO GRANDE ROADWAY IMPROVEMENTS CEDAR PARK, TEXAS

PROJ. NO. 2312-052-0203
DESIGN: B. GUINN
DRAWN: B. GUINN
CHECK: C. WILSON
APPR: J. HASTINGS
DATE:

JULIE D. HASTINGS
88199
LICENSED PROFESSIONAL ENGINEER

THESE DESIGN DOCUMENTS ARE NOT TO BE USED FOR CONSTRUCTION PRIOR TO REGULATORY SIGNATURE AND PERMIT.

SHEET

EDWARDS AQUIFER PROTECTION PROGRAM CZP APPLICATION

TCEQ 0602

ATTACHMENT I – INSPECTION AND MAINTENANCE FOR BMPs

The BMPs for the construction of this project will be use of silt fence, rock berm, and inlet protection. The following inspection and maintenance procedures will be implemented:

1. Silt fence, and rock berm must be in place prior to the start of construction and will remain in place until construction has been completed and the site stabilized from further erosion.
2. The contractor will inspect the rock berms, and silt fencing weekly and after each rain event. The contractor will promptly repair or replace any damaged TBMPs.
3. All soil, sand, gravel, and excavated material stockpiled on-site will have appropriately sized silt fencing placed upgradient and downgradient.
4. The contractor will keep a record of the weekly inspections, noting the condition of the rock berms, and silt fencing and any corrective action taken to maintain the erosion control structures. In addition to the inspection and maintenance reports, the operator should keep records of the construction activity on site. In particular, the following information should be kept:
 - The dates when major grading activities occur in a particular area.
 - The dates when construction activities cease in an area, temporarily or permanently.
 - The dates when an area is stabilized, temporarily or permanently.

EDWARDS AQUIFER PROTECTION PROGRAM CZP APPLICATION

TCEQ 0602

ATTACHMENT J – SCHEDULE OF INTERIM AND PERMANENT SOIL STABILIZATION PRACTICES

The schedule of interim and permanent soil stabilization will be as follows:

1. Once construction of the project has commenced, the construction activity is planned to continue until the project is complete. The storm line trenches will be excavated and trenches loosely backfilled until all the trenches have been excavated. The trenches will then be re-excavated, and the storm lines and services will be installed. This work is intended to continue until all the lines are installed. Once the project is complete, the majority of the project site will be seeded with high quality U.S. Department of Agriculture certified seed (blue tag).
2. Prior to the construction, silt fence will be placed around the entire project site to protect the area from upgradient runoff. Rock berm will be placed downgradient of the proposed site in order to minimize the potential suspended solids caused by excavation. During excavation, scheduling can be a very effective means of reducing the hazard of erosion. Schedule construction activities to minimize the exposed area and the duration of exposure. In scheduling, the season and the weather forecast will be taken into account.
3. Stabilization measures shall 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. Where the initiation of stabilization measures by the 14th day after construction activity temporarily or permanently ceased is precluded by weather conditions, stabilization measures shall be initiated as soon as practicable. Where construction activity on a portion of the site is temporarily ceased, and earth disturbing activities will be resumed within 21 days, temporary stabilization measures do not have to be initiated on that portion of the site. In areas experiencing droughts where the initiation of stabilization measures by the 14th day after construction activity has temporarily or permanently ceased is precluded by seasonal arid conditions, stabilization measures shall be initiated as soon as practicable,

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

I Randall Lueders,
Print Name

Director of Engineering and Capital Projects,
Title - Owner/President/Other

of City of Cedar Park,
Corporation/Partnership/Entity Name

have authorized Julie Hastings
Print Name of Agent/Engineer

of Cobb, Fendley & Associate, Inc.
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:

Barney Lueders
Applicant's Signature

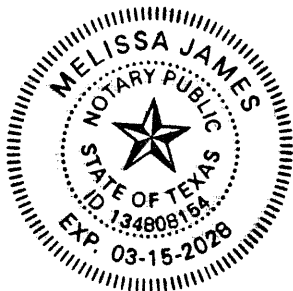
2-21-25
Date

THE STATE OF Texas §

County of Williamson §

BEFORE ME, the undersigned authority, on this day personally appeared Barney Lueders 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 21st day of February, 2025.



Melissa James
NOTARY PUBLIC

Melissa James
Typed or Printed Name of Notary

MY COMMISSION EXPIRES: 3-15-2028

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

I Shane Rotter,
Print Name

Environmental Project Planner,
Title - Owner/President/Other

of TXDOT,
Corporation/Partnership/Entity Name

have authorized Julie Hastings
Print Name of Agent/Engineer

of Cobb, Fendley & Associate, Inc.
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:

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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.
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SIGNATURE PAGE:

5/20/25
Applicant's Signature

6/24/25
Date

THE STATE OF _____ §

County of _____ §

BEFORE ME, the undersigned authority, on this day personally appeared _____ 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 _____ day of _____, _____.

SN

NOTARY PUBLIC

Typed or Printed Name of Notary

MY COMMISSION EXPIRES: _____

Application Fee Form

Texas Commission on Environmental Quality

Name of Proposed Regulated Entity: Toro Grande Blvd (Commerce St to RM1431), Commerce St
(Parmer Ln to Toro Grande Blvd), and Parmer Ln (FM 734)

Regulated Entity Location: Cedar Park, Texas

Name of Customer: City of Cedar Park

Contact Person: Randall Lueders

Phone: 512-401-5000

Customer Reference Number (if issued): CN 600407951

Regulated Entity Reference Number (if issued): RN RN112188933

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

☐

San Antonio Regional Office

☐

Mailed to: TCEQ - Cashier

☐

Overnight Delivery to: TCEQ - Cashier

Revenues Section

Mail Code 214

P.O. Box 13088

Austin, TX 78711-3088

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

<i>Type of Plan</i>	<i>Size</i>	<i>Fee Due</i>
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	23.60 Acres	\$ 6,500
Sewage Collection System	L.F.	\$
Lift Stations without sewer lines	Acres	\$
Underground or Aboveground Storage Tank Facility	Tanks	\$
Piping System(s)(only)	Each	\$
Exception	Each	\$
Extension of Time	Each	\$

Signature: Julie Hastings

Date: 4/9/2026

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

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

Organized Sewage Collection Systems and Modifications

<i>Project</i>	<i>Cost per Linear Foot</i>	<i>Minimum Fee- Maximum Fee</i>
Sewage Collection Systems	\$0.50	\$650 - \$6,500

Underground and Aboveground Storage Tank System Facility Plans and Modifications

<i>Project</i>	<i>Cost per Tank or Piping System</i>	<i>Minimum Fee- Maximum Fee</i>
Underground and Aboveground Storage Tank Facility	\$650	\$650 - \$6,500

Exception Requests

<i>Project</i>	<i>Fee</i>
Exception Request	\$500

Extension of Time Requests

<i>Project</i>	<i>Fee</i>
Extension of Time Request	\$150



TCEQ Core Data Form

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

SECTION I: General Information

1. Reason for Submission (If other is checked please describe in space provided.)		
☒ New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
☐ Renewal (Core Data Form should be submitted with the renewal form)		☐ Other
2. Customer Reference Number (if issued)	Follow this link to search for CN or RN numbers in Central Registry**	3. Regulated Entity Reference Number (if issued)
CN 600407951		RN112188933

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)		07/08/2004	
☐ New Customer ☐ Update to Customer Information ☐ Change in Regulated Entity Ownership ☐ Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)					
<i>The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).</i>					
6. Customer Legal Name (If an individual, print last name first: eg: Doe, John)				<i>If new Customer, enter previous Customer below:</i>	
The City of Cedar Park					
7. TX SOS/CPA Filing Number		8. TX State Tax ID (11 digits)		9. Federal Tax ID (9 digits)	10. DUNS Number (if applicable)
11. Type of Customer:		☐ Corporation		☐ Individual	Partnership: ☐ General ☐ Limited
Government: ☒ City ☐ County ☐ Federal ☐ Local ☐ State ☐ Other		☐ Sole Proprietorship		☐ Other:	
12. Number of Employees				13. Independently Owned and Operated?	
☐ 0-20 ☐ 21-100 ☐ 101-250 ☐ 251-500 ☒ 501 and higher				☐ Yes ☒ No	
14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following					
☐ Owner ☐ Operator ☒ Owner & Operator ☐ Other: ☐ Occupational Licensee ☐ Responsible Party ☐ VCP/BSA Applicant					
15. Mailing Address:	City of Cedar Park, Texas				
	450 Cypress Creek Road				
	City	Cedar Park	State	TX	ZIP 78613 ZIP + 4
16. Country Mailing Information (if outside USA)				17. E-Mail Address (if applicable)	
				randall.lueders@cedarparktexas.gov	
18. Telephone Number		19. Extension or Code		20. Fax Number (if applicable)	

SECTION III: Regulated Entity Information

21. General Regulated Entity Information (If 'New Regulated Entity' is selected, a new permit application is also required.)								
☐ New Regulated Entity ☒ Update to Regulated Entity Name ☒ Update to Regulated Entity Information								
<i>The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).</i>								
22. Regulated Entity Name (Enter name of the site where the regulated action is taking place.)								
Toro Grande Blvd (Commerce St to RM1431), Commerce St (Parmer Ln to Toro Grande Blvd), and Parmer Ln (FM 734)								
23. Street Address of the Regulated Entity: (No PO Boxes)	Toro Grande Blvd and Commerce St							
	City	Cedar Park	State	TX	ZIP	78613	ZIP + 4	
24. County								

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

25. Description to Physical Location:							
26. Nearest City				State		Nearest ZIP Code	
<i>Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).</i>							
27. Latitude (N) In Decimal:		30.543099		28. Longitude (W) In Decimal:		-97.777260	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds		
30°	32'	35.1564"	97°	46'	38.1354"		
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)	
1611				237310			
33. What is the Primary Business of this entity? (Do not repeat the SIC or NAICS description.)							
Roadway							
34. Mailing Address:							
		City		State		ZIP	
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.

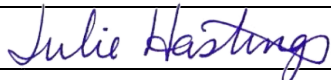
☐ Dam Safety	☐ Districts	☒ Edwards Aquifer	☐ Emissions Inventory Air	☐ Industrial Hazardous Waste
☐ Municipal Solid Waste	☐ New Source Review Air	☐ OSSF	☐ Petroleum Storage Tank	☐ PWS
☐ Sludge	☒ Storm Water	☐ Title V Air	☐ Tires	☐ Used Oil
☐ Voluntary Cleanup	☐ Wastewater	☐ Wastewater Agriculture	☐ Water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

SECTION IV: Preparer Information

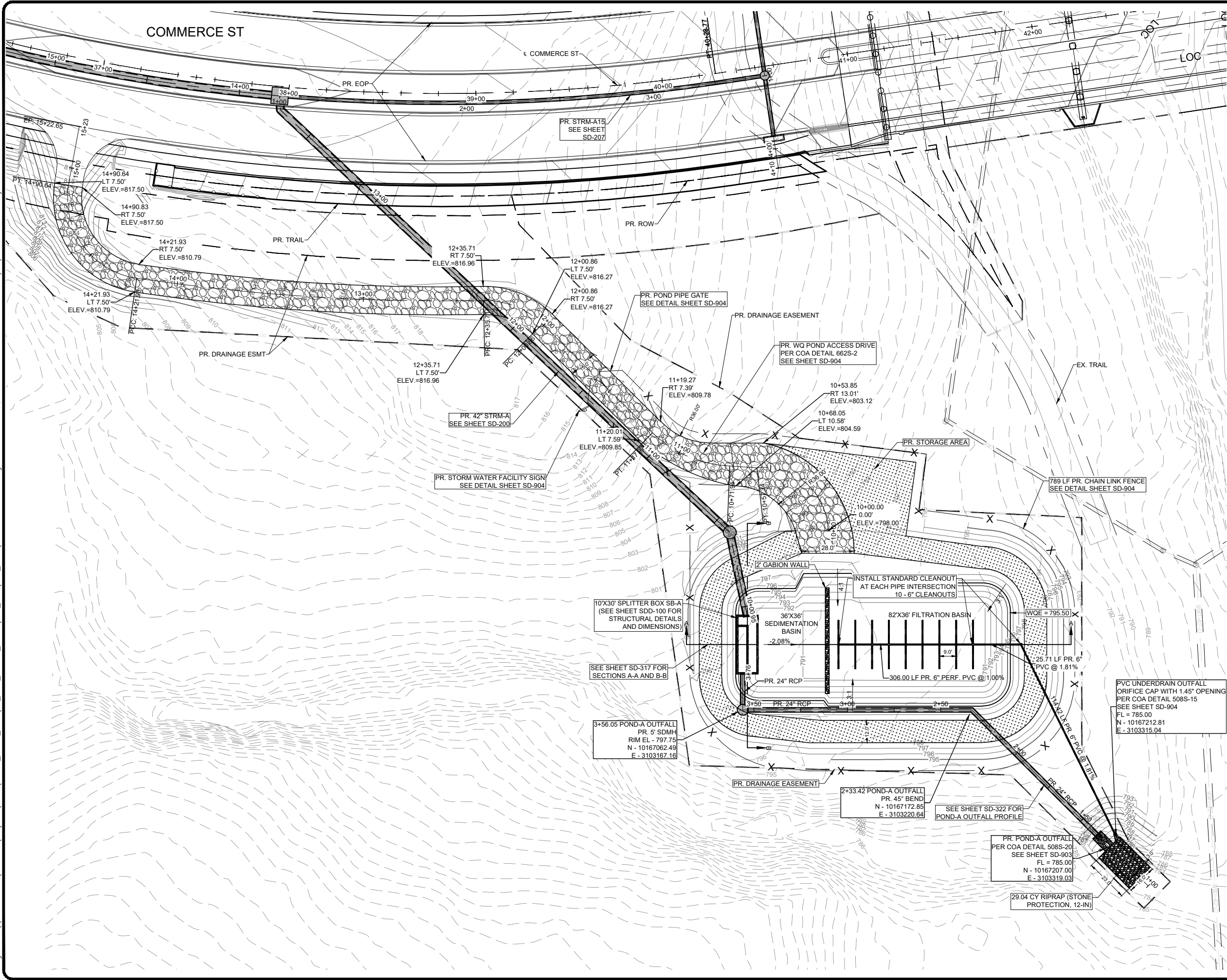
40. Name:	Craig Wilson, P.E.			41. Title:	Senior Project Manager
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address		
() -		() -	craig.wilson@cobb fendley.com		

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:	Cobb Fendley & Associates, Inc.		Job Title:	Vice President	
Name (In Print):	Julie Hastings, P.E.			Phone:	(512) 834-9798
Signature:				Date:	5/5/2026

Dwg. Info: \\austinserver\common\Projects\2023\12052_Cedar_Park\03_Toro_Grande_South\400_CAD_Mun\C-STORM-PONDS.dwg - Tab: WATER QUALITY POND A PLAN - Plotted: 3/26/2026 2:31 PM By: BARRETT GUINN

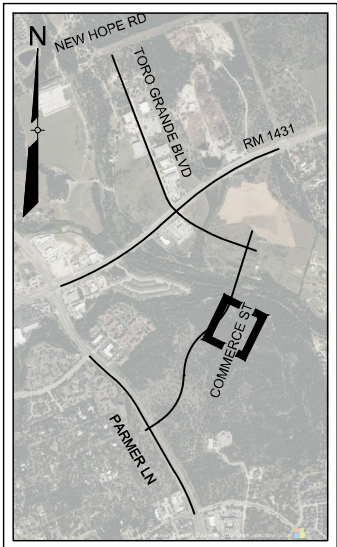


SCALE: 1" = 50'

LEGEND

---	EX. ROW
---	PR. ROW
---	PR. DRNG EASEMENT
---	PROPERTY LINE
---	EX. EDGE OF PAVEMENT
---	ABAND. WATER
---	EX. WATER
---	PR. WATER
---	ABAND. WASTEWATER
---	EX. WASTEWATER
---	PR. WASTEWATER
---	EX. STORM DRAIN
---	PR. STORM DRAIN
---	ABAND. GAS LINE
---	EX. GAS LINE
---	PR. GAS LINE
---	EX. U.G. TELECOM
---	EX. U.G. FIBER OPTIC
---	EX. OVERHEAD ELECTRIC
---	PR. OVERHEAD ELECTRIC
---	IRON FENCE
---	WIRE FENCE
---	PR. WATER QUALITY POND ACCESS DRIVE

- GENERAL NOTES**
- THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES THAT MIGHT BE OCCASIONED BY THE FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. WHEN THE CONTRACTOR IS USING TRENCHLESS INSTALLATION METHODS, THE CONTRACTOR SHALL LOCATE ALL UTILITIES FOR THE ENTIRE LENGTH OF THE INSTALLATION PRIOR TO ANY ACTIVITIES.
 - ANY DISCREPANCIES FROM WHAT IS SHOWN SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER.
 - DRIVEWAYS DAMAGED DURING INSTALLATION SHALL BE REPAIRED TO EQUAL OR BETTER CONDITION. SUBSIDIARY TO THE COST OF PAVEMENT, NO SEPARATE PAY ITEM.



APPROVED BY:	DATE:
REVISION DESCRIPTION	
REV. NO.	

TERRIS ENGINEERING FIRM NO. F-274, LAND SURVEYING FIRM NO. 108670
1006 N. AUSTIN, TEXAS 78702
512.244.4798 | FAX 512.253.1727
WWW.COBBFENDLEY.COM

WATER QUALITY POND A PLAN
TORO GRANDE
ROADWAY IMPROVEMENTS
CEDAR PARK, TEXAS

PROJ. NO. 2312-052-0203
DESIGN: B. GUINN
DRAWN: B. GUINN
CHECK: C. WILSON
APPR: C. WILSON
DATE:

THESE DESIGN DOCUMENTS ARE NOT TO BE USED FOR CONSTRUCTION PRIOR TO REGULATORY SIGNATURE AND PERMIT.

SHEET
SD-316

2. Drainage Basin Parameters (This information should be provided for each basin):			
	Drainage Basin/Outfall Area No. =	1	
	Total drainage basin/outfall area =	6.88	acres
	Predevelopment impervious area within drainage basin/outfall area =	0.00	acres
	Post-development impervious area within drainage basin/outfall area =	5.32	acres
	Post-development impervious fraction within drainage basin/outfall area =	0.77	
	L _W THIS BASIN =	4631	lbs.
3. Indicate the proposed BMP Code for this basin.			
	Proposed BMP =	Sand Filter	
	Removal efficiency =	89	percent

4. Calculate Maximum TSS Load Removed (L₄) for this Drainage Basin by the selected BMP Type.			
RG-348 Page 3-33 Equation 3.7: $L_4 = (BM\ P\ efficiency) \times P \times (A_i \times 34.6 + A_p \times 0.54)$			
where:	A_C = Total On-Site drainage area in the BMP catchment area A_i = Impervious area proposed in the BMP catchment area A_p = Pervious area remaining in the BMP catchment area L_4 = TSS Load removed from this catchment area by the proposed BMP		
	A_C =	6.88	acres
	A_i =	5.32	acres
	A_p =	1.56	acres
	L_4 =	5266	lbs
5. Calculate Fraction of Annual Runoff to Treat the drainage basin / outfall area			
	Desired LM THIS BASIN =	4760	lbs.
	F =	0.90	
6. Calculate Capture Volume required by the BMP Type for this drainage basin / outfall area.			
	Calculations from RG-348	Pages 3-34 to 3-36	
	Rainfall Depth =	1.70	inches
	Post Development Runoff Coefficient =	0.69	
	On-site Water Quality Volume =	24983	cubic feet
	Calculations from RG-348	Pages 3-36 to 3-37	
	Offsite area draining to BMP =	0.00	acres
	Offsite Impervious cover draining to BMP =	0.00	acres
	Impervious fraction of offsite area =	0	
	Offsite Runoff Coefficient =	0.00	
	Offsite Water Quality Volume =	0	cubic feet
	Storage for Sediment =	4997	
	Total Capture Volume (required water quality volume(s) x 1.20) =	29979	cubic feet
The following sections are used to calculate the required water quality volume(s) for the selected BMP.			
The values for BMP Types not selected in cell C45 will show NA.			
9. Filter area for Sand Filter			
	Designed as Required in RG-348	Pages 3-58 to 3-63	
9B. Partial Sedimentation and Filtration System			
	Water Quality Volume for combined basins =	29979	cubic feet
	Minimum filter basin area =	2498	square feet
	Maximum sedimentation basin area =	9993	square feet
	Minimum sedimentation basin area =	665	square feet
			For minimum water depth of 2 feet

Water Quality Pond A R-3 Table		
	Required	Provided
<u>Drainage Area Data</u>		
Drainage Area to Control	7.21	ac.
Drainage Area Impervious Cover	69.0%	%
Capture Depth (CD) = 0.5in + 0.1in*(DAIC-20%/Y10)	0.99	in.
<u>Water Quality Control Calculations</u>		
25-year Peak Flow Rate to Control (Q25)	59.1	cfs
100-year Peak Flow Rate to Control (Q100)	87.8	cfs
<u>For Partial Sedimentation/Filtration Pond</u>		
Water Quality Volume (CD*Drainage Area)	25904	cf
Maximum ponding depth above sand Bed (ft)	n/a	ft
Sedimentation Pond Area		sf
Sedimentation Pond Volume (x20%WQV)	5181	cf
Filtration Pond Area (WQV/(4 + 1.33*H))	2432	sf
Filtration Pond Volume	n/a	cf
Full Sedimentation/Filtration Drawdown Time	Max 48	hrs
Orifice Cap Diameter	0.13	ft
Orifice Cap Area		sq ft
Water Quality Elevation	795.50	ft msl
Elevation of Splitter/Overflow Weir	M in WQ elevation	ft msl
Top of Gabinet Wall	WQ Elevation - 0.5 ft msl	ft msl
Height of Gabinet Wall	6.0	ft
Length of Splitter Weir		ft
Required Head to pass Q100	Max 1.0 ft	ft
Required Freeboard Provided to pass Q100	M in 0.25 ft	ft
Top of Pond	796.73	ft

PROFILE SCALE
1"=20' HORIZ.
1" = 4' VERT.

PROJ NO: 2312-052-02/03
 DESIGN: B. GUINN
 DRAWN: B. GUINN
 CHECK: C. WILSON
 PPR: C. WILSON
 DATE:

STATE OF TEXAS
 CRAIG M. WILSON
 94710
 4/8/2026
 THESE DESIGN DOCUMENTS ARE NOT TO BE
 USED FOR CONSTRUCTION PRIOR TO
 REGULATORY SIGNATURE AND PERMIT.

SHEET
 SD-317