#### **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 <u>30 TAC 213</u>.

#### **Administrative Review**

1. <u>Edwards Aquifer applications</u> 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: <u>http://www.tceq.texas.gov/field/eapp</u>.

- 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: STONE PIT 4				2. Regulated Entity No.: RN102052248				
3. Customer Name: ESPINOZA STONE INC			4. Customer No.: 602447062					
5. Project Type: (Please circle/check one)	New	Modif	ication	Exter	nsion	Exception		
6. Plan Type: (Please circle/check one)	WPAP CZP	SCS	UST AST	EXP	EXT	Technical Clarification	Optional Enhanced Measures	
7. Land Use: (Please circle/check one)	Residential	Non-residential 8			8. Sit	Site (acres): 226		
9. Application Fee:	\$11,300	10. Permanent BMP(s):			s):	Earthen berms and quarry pit		
11. SCS (Linear Ft.):	NA	12. AST/UST (No. Tanks):			nks):	2		
13. County:	Williamson	14. W	atershed:			San Gabriel		

## **Application Distribution**

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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 Cedar Park Florence Georgetown X_Jerrell Leander Liberty Hill Pflugerville Bound Bock		

	S	an 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	Bulverde Fair Oaks Ranch Garden Ridge New Braunfels Schertz	NA	San Antonio ETJ (SAWS)	NA

TCEQ-20705 (Rev. 02-17-17)

San Antonio (SAWS) Shavano Park

I certify that to the best of my knowledge application is hereby submitted to TCEQ	e, that the application for administrative re	is complete and accurate. This eview and technical review.		
Print Name of Customer/Authorized Age	ent – Mark Sloop			
Signature of Customer/Authorized Agen	t Date:	January 28, 2025		
**FOR TCEQ INTERNAL USE ONLY** Date Administratively Complete:				
Date(s)Reviewed:	Date Adm	lministratively Complete:		
Received From:	Correct N	ct Number of Copies:		
Received By:	Distributi	bution Date:		
EAPP File Number:	Complex:	Complex:		
Admin. Review(s) (No.):	No. AR R	ounds:		
Delinquent Fees (Y/N):	Delinquent Fees (Y/N): Review Time Spent:			
Lat./Long. Verified:	Lat./Long. Verified: SOS Custom			
Agent Authorization Complete/Notarized (Y/N):	Fee	Payable to TCEQ (Y/N):		
Core Data Form Complete (Y/N):	Check:	Signed (Y/N):		
Core Data Form Incomplete Nos.:		Less than 90 days old (Y/N):		

## **General Information Form**

**Texas Commission on Environmental Quality** 

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

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

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

### Signature

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

Print Name of Customer/Agent: Mark Sloop

Date: January 28, 2025

Signature of Customer/Agent:

M\_MS\_

### **Project Information**

- 1. Regulated Entity Name: STONE PIT 4
- 2. County: Williamson
- 3. Stream Basin: San Gabriel
- 4. Groundwater Conservation District (If applicable): <u>NA</u>
- 5. Edwards Aquifer Zone:

☑ Recharge Zone□ Transition Zone

6. Plan Type:

⊠ WPAP

 $\Box$  SCS

TCEQ-0587 (Rev. 02-11-15)

	imes Modification imes AST	□ UST □ Exception Request
7.	Customer (Applicant):	
	Contact Person: Jose J. Espinoza Entity: Jarrell Crushed Stone Pit #4 Mailing Address: <u>P.O. Box 274</u> City, State: Jarrell, TX Telephone: ( <u>512) 966-3386</u> Email Address: <u>jesse@espinozastone.com</u>	Zip: <u>76537</u> FAX:
8.	Agent/Representative (If any):	
	Contact Person: <u>Mark Sloop, P.G.</u> Entity: B <u>aer Engineering and Environmental Consul</u> Mailing Address: <u>7756 Northcross Drive, Ste 211</u> City, State: <u>Austin, TX</u> Telephone: <u>512-453-3733</u> Email Address: msloop@baereng.com	<u>ting, Inc.</u> Zip: <u>78757</u> FAX:
0	Project Location:	

9. Project Location:

□ The project site is located inside the city limits of

- □ The project site is located outside the city limits but inside the ETJ (extra-territorial jurisdiction) of .
- $\boxtimes$  The project site is not located within any city's limits or ETJ.
- 10.  $\square$  The location of the project site is described below. The description provides sufficient detail and clarity so that the TCEQ's Regional staff can easily locate the project and site boundaries for a field investigation.

### The Site is located at 251 COUNTY ROAD 235, JARRELL TX 76537 2040. From IH-35, follow FM 487 west to CR 235 and turn right. Follow CR 235 for 0.3 miles and the Site entrance is on the left.

- 11. Attachment A Road Map. A road map showing directions to and the location of the project site is attached. The project location and site boundaries are clearly shown on the map.
- 12. Attachment B USGS / Edwards Recharge Zone Map. A copy of the official 7 ½ minute USGS Quadrangle Map (Scale: 1" = 2000') of the Edwards Recharge Zone is attached. The map(s) clearly show:
  - $\boxtimes$  Project site boundaries.
  - $\boxtimes$  USGS Quadrangle Name(s).
  - Boundaries of the Recharge Zone (and Transition Zone, if applicable).
  - Drainage path from the project site to the boundary of the Recharge Zone.

- 13. Image: The TCEQ must be able to inspect the project site or the application will be returned. Sufficient survey staking is provided on the project to allow TCEQ regional staff to locate the boundaries and alignment of the regulated activities and the geologic or manmade features noted in the Geologic Assessment.
  - □ Survey staking will be completed by this date:
- 14. Attachment C Project Description. Attached at the end of this form is a detailed narrative description of the proposed project. The project description is consistent throughout the application and contains, at a minimum, the following details:
  - oxtimes Area of the site
  - $\boxtimes$  Offsite areas
  - ⊠ Impervious cover
  - ⊠ Permanent BMP(s)
  - $\boxtimes$  Proposed site use
  - $\boxtimes$  Site history
  - $\boxtimes$  Previous development
  - $\Box$  Area(s) to be demolished
- 15. Existing project site conditions are noted below:
  - □ Existing commercial site
  - $\boxtimes$  Existing industrial site
  - □ Existing residential site
  - □ Existing paved and/or unpaved roads
  - □ Undeveloped (Cleared)
  - □ Undeveloped (Undisturbed/Uncleared)
  - $\Box$  Other:

### **Prohibited Activities**

- 16. I am aware that the following activities are prohibited on the Recharge Zone and are not proposed for this project:
  - (1) Waste disposal wells regulated under 30 TAC Chapter 331 of this title (relating to Underground Injection Control);
  - (2) New feedlot/concentrated animal feeding operations, as defined in 30 TAC §213.3;
  - (3) Land disposal of Class I wastes, as defined in 30 TAC §335.1;
  - (4) The use of sewage holding tanks as parts of organized collection systems; and
  - (5) New municipal solid waste landfill facilities required to meet and comply with Type I standards which are defined in §330.41(b), (c), and (d) of this title (relating to Types of Municipal Solid Waste Facilities).

- (6) New municipal and industrial wastewater discharges into or adjacent to water in the state that would create additional pollutant loading.
- 17. 🖂 I am aware that the following activities are prohibited on the Transition Zone and are not proposed for this project:
  - (1) Waste disposal wells regulated under 30 TAC Chapter 331 (relating to Underground Injection Control);
  - (2) Land disposal of Class I wastes, as defined in 30 TAC §335.1; and
  - (3) New municipal solid waste landfill facilities required to meet and comply with Type I standards which are defined in §330.41 (b), (c), and (d) of this title.

### Administrative Information

- 18. The fee for the plan(s) is based on:
  - ⊠ For a Water Pollution Abatement Plan or Modification, the total acreage of the site where regulated activities will occur.
  - □ For an Organized Sewage Collection System Plan or Modification, the total linear footage of all collection system lines.
  - ⊠ For a UST Facility Plan or Modification or an AST Facility Plan or Modification, the total number of tanks or piping systems.
  - □ A request for an exception to any substantive portion of the regulations related to the protection of water quality.
  - $\Box$  A request for an extension to a previously approved plan.
- 19. ⊠ Application fees are due and payable at the time the application is filed. If the correct fee is not submitted, the TCEQ is not required to consider the application until the correct fee is submitted. Both the fee and the Edwards Aquifer Fee Form have been sent to the Commission's:

□ TCEQ cashier

- Austin Regional Office (for projects in Hays, Travis, and Williamson Counties)
- □ San Antonio Regional Office (for projects in Bexar, Comal, Kinney, Medina, and Uvalde Counties)
- 20. Submit one (1) original and one (1) copy of the application, plus additional copies as needed for each affected incorporated city, groundwater conservation district, and county in which the project will be located. The TCEQ will distribute the additional copies to these jurisdictions. The copies must be submitted to the appropriate regional office.
- 21.  $\boxtimes$  No person shall commence any regulated activity until the Edwards Aquifer Protection Plan(s) for the activity has been filed with and approved by the Executive Director.







#### GENERAL INFORMATION FORM: ATTACHMENT C - PROJECT DESCRIPTION

The Site is an active limestone quarry located at 251 County Road 235, Jarrell TX 76537. The legal parcel size of the site is 226 acres and is located entirely within the Edwards Aquifer Recharge Zone. The proposed modification for the Site is to add two 2,000-gallon Aboveground Storage Tanks (ASTs). Stormwater on the active areas of the site will drain to the quarry pit.

Facilities related to quarry activities include haul roads, rock crushing equipment, construction office, concrete batch plant, water saws, storage areas, equipment weighing scales, and stone splitters.

#### AREA OF THE SITE, SITE HISTORY, AND PREVIOUS DEVELOPMENT

The WPAP for this location was approved on July 1, 2019. Prior to Espinoza Stone's acquisition of the property, the site was a quarry. The legal parcel of the site is outlined in yellow in the image below. The satellite imagery is from Google Earth and is dated June 18, 2023.



#### OFFSITE AREAS

The surrounding areas comprise the following:

- To the north is vacant land.
- To the south is vacant land and agricultural properties.
- To the west and east are quarries owned by other entities.

Baer Engineering and Environmental Consulting, Inc. 7756 Northcross Drive, Suite 211 Austin, Texas, U.S.A. 78757 Telephone: (512) 453-3733 www.BaerEng.com Fax: (512) 453-3316

#### IMPERVIOUS COVER

Impervious areas of the site include a gravel driveway, scales, stone splitters, shop, office, water saws, a concrete batch plant, and a crusher site. The total impervious cover on the 226 acre site is 7.15 acres.

#### Permanent BMPs

The permanent BMPs on the Site include the quarry pit areas that are not being used. Stormwater on the active non-vegetated areas of the site will drain to the these areas. The Site naturally slopes to the north and east toward Salado Creek. There is a large buffer of vegetation between the active quarry areas and Salado Creek. Restroom facilities include portable restrooms that are picked up and replaced as needed by a third party servicer.

#### PROPOSED SITE USE

The Site is an active quarry. The proposed use has not changed.

Areas to be Demolished

Demolition is not expected for this project.

#### **ATTACHMENTS**

ATTACHMENT A – Site Location Map ATTACHMENT B – USGS/Edwards Aquifer Recharge Zone Map

# Modification of a Previously Approved Plan

### **Texas Commission on Environmental Quality**

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

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

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

### Signature

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

Print Name of Customer/Agent: Mark Sloop

Date: <u>January 28, 2025</u> Signature of Customer/Agent:

MMS

### **Project Information**

- Current Regulated Entity Name: <u>STONE PIT 4</u> Original Regulated Entity Name: <u>STONE PIT 4</u> Regulated Entity Number(s) (RN): <u>RN102052248</u> Edwards Aquifer Protection Program ID Number(s): <u>11001487</u>
   The applicant has not changed and the Customer Number (CN) is: <u>CN 602447062</u>
   The applicant or Regulated Entity has changed. A new Core Data Form has been provided.
- 2. Attachment A: Original Approval Letter and Approved Modification Letters. A copy of the original approval letter and copies of any modification approval letters are attached.

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

Physical modification of the approved organized sewage collection system;

Physical modification of the approved underground storage tank system;

Physical modification of the approved aboveground storage tank system.

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

WPAP Modification	Approved Project	Proposed Modification
Summary		
Acres	226	<u>226</u>
Type of Development	Quarry	<u>Quarry</u>
Number of Residential	<u>0</u>	<u>0</u>
Lots		
Impervious Cover (acres)	<u>7.15</u>	<u>7.15</u>
Impervious Cover (%	<u>3.16%</u>	<u>3016%</u>
Permanent BMPs	Quarry Pit	<u>Quarry Pit</u>
Other		
SCS Modification	Approved Project	Proposed Modification
Summary		
Linear Feet		
Pipe Diameter		
Other		

AST Modification	Approved Project	Proposed Modification
Summary		
Number of ASTs	<u>2</u>	<u>2</u>
Volume of ASTs	<u>2,000 gal</u>	<u>2,000 gal</u>
Other		
UST Modification	Approved Project	Proposed Modification
UST Modification Summary	Approved Project	Proposed Modification
<b>UST Modification</b> <b>Summary</b> Number of USTs	Approved Project	Proposed Modification
<b>UST Modification</b> <b>Summary</b> Number of USTs Volume of USTs	Approved Project	Proposed Modification

- 5. Attachment B: Narrative of Proposed Modification. A detailed narrative description of the nature of the proposed modification is attached. It discusses what was approved, including any previous modifications, and how this proposed modification will change the approved plan.
- 6. Attachment C: Current Site Plan of the Approved Project. A current site plan showing the existing site development (i.e., current site layout) at the time this application for modification is attached. A site plan detailing the changes proposed in the submitted modification is required elsewhere.
  - The approved construction has not commenced. The original approval letter and any subsequent modification approval letters are included as Attachment A to document that the approval has not expired.
  - The approved construction has commenced and has been completed. Attachment C illustrates that the site was constructed as approved.
  - The approved construction has commenced and has been completed. Attachment C illustrates that the site was **not** constructed as approved.

The approved construction has commenced and has **not** been completed. Attachment C illustrates that, thus far, the site was constructed as approved.

- The approved construction has commenced and has **not** been completed. Attachment C illustrates that, thus far, the site was **not** constructed as approved.
- 7. The acreage of the approved plan has increased. A Geologic Assessment has been provided for the new acreage.
  - Acreage has not been added to or removed from the approved plan.
- 8. Submit one (1) original and one (1) copy of the application, plus additional copies as needed for each affected incorporated city, groundwater conservation district, and county in which the project will be located. The TCEQ will distribute the additional copies to these jurisdictions. The copies must be submitted to the appropriate regional office.

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



### TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

July 1, 2019

Mr. Jose J. Espinoza Jarrell Crushed Stone Pit #4 P.O. Box 274 Jarrell, Texas 76537

Re: Edwards Aquifer, Williamson County

NAME OF PROJECT: Jarrell Crushed Stone Pit 4; located at 251 County Road 235, Jarrell, Texas

TYPE OF PLAN: Request for Approval of a Water Pollution Abatement Plan (WPAP); 30 Texas Administrative Code (TAC) Chapter 213 Edwards Aquifer

Edwards Aquifer Protection Program ID No. 11001487; Regulated Entity No. RN102052248

Dear Mr. Espinoza:

The Texas Commission on Environmental Quality (TCEQ) has completed its review of the WPAP Application for the above-referenced project submitted to the Austin Regional Office by Westward Environmental on behalf of Jarrell Crushed Stone Pit #4 on March 18, 2019. Final review of the WPAP was completed after additional material was received on June 25, 2019. As presented to the TCEQ, the Temporary and Permanent Best Management Practices (BMPs) were selected and construction plans were prepared by a Texas Licensed Professional Engineer to be in general compliance with the requirements of 30 TAC Chapter 213. These planning materials were sealed, signed and dated by a Texas Licensed Professional Engineer. Therefore, based on the engineer's concurrence of compliance, the planning materials for construction of the proposed project and pollution abatement measures are hereby approved subject to applicable state rules and the conditions in this letter. The applicant or a person affected may file with the chief clerk a motion for reconsideration of the executive director's final action on this Edwards Aquifer Protection Plan. A motion for reconsideration must be filed no later than 23 days after the date of this approval letter. This approval expires two (2) years from the date of this letter unless, prior to the expiration date, more than 10 percent of the construction has commenced on the project or an extension of time has been requested.

TCEQ Region 11 • P.O. Box 13087 • Austin, Texas 78711-3087 • 512-339-2929 • Fax 512-339-3795

Austin Headquarters: 512-239-1000 • tceq.texas.gov • How is our customer service? tceq.texas.gov/customersurvey

## 2019064461 AFF Total Pages: 8

Deed Recordation Affidavit Edwards Aquifer Protection Plan

THE STATE OF TEXAS

County of Williamson §

§

BEFORE ME, the undersigned authority, on this day personally appeared <u>Jose J. Espinoza</u> who, being duly sworn by me, deposes and says:

- (1) That my name is \_\_\_\_\_\_\_ Jose J. Espinoza \_\_\_\_\_ and that I own the real property described below.
- (2) That said real property is subject to an EDWARDS AQUIFER PROTECTION PLAN which was required under the 30 Texas Administrative Code (TAC) Chapter 213.
- (3) That the EDWARDS AQUIFER PROTECTION PLAN for said real property was approved by the Texas Commission on Environmental Quality (TCEQ) on <sup>July 1st 2019</sup> A copy of the letter of approval from the TCEQ is attached to this affidavit as Exhibit A and is incorporated herein by reference.
- (4) The said real property is located in <u>Williamson</u> County, Texas, and the legal description of the property is as follows: 226.03 AC Betty Lou Morgan Allen (in possession) Two Tracts Doc 2004097547. Formerly Clifton Morgan Vol 347, Pg. 120 & Vol 348 Pg. 351

Jose J. Espinoza LANDOWNER-AFFIANT

SWORN AND SUBSCRIBED TO before me, on this day of July, 2019

THE STATE OF Texas County of William ON s

February 26, 2023

BEFORE ME, the undersigned authority, on this day personally appeared <u>Jose J. Espinoza</u> 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 July 2019

**REYES MEJIA** Notary ID #130116435 My Commission Expires

Name of Notary

MY COMMISSION EXPIRES:

TCEQ-0625 (Rev. 10/01/04)

Mr. Jose J. Espinoza Page 2 July 1, 2019

#### PROJECT DESCRIPTION

The proposed non-residential project will have an area of approximately 226 acres. It will include quarry operations, haul roads, drives, water quality facilities, and associated appurtenances. The impervious cover will be 11.02 acres (4.88 percent) Project wastewater will be disposed of via portable toilets.

#### PERMANENT POLLUTION ABATEMENT MEASURES

To prevent the pollution of stormwater runoff originating on-site or upgradient of the site and potentially flowing across and off the site after construction, natural vegetative filter strips, engineered vegetative filter strips, and an extended detention basin in series with a grassy swale, designed using the TCEQ technical guidance document, <u>Complying with the Edwards Aquifer Rules: Technical Guidance on Best</u> <u>Management Practices (2005)</u>, will be constructed to treat stormwater runoff. The required total suspended solids (TSS) treatment for this project is 9,592 pounds of TSS generated from the 11.02 acres of impervious cover. The approved measures meet the required 80 percent removal of the increased load in TSS caused by the project.

#### GEOLOGY

According to the Geologic Assessment included with the application, the site is underlain by Edwards Limestone, Georgetown Formation, and Quaternary Alluvium. No naturally occurring sensitive features were described on the site. The TCEQ site assessment conducted on May 20, 2019 revealed the site to be generally as described.

#### SPECIAL CONDITIONS

- I. All permanent pollution abatement measures shall be operational prior to occupancy of the facility.
- II. All sediment and/or media removed from the water quality basin during maintenance activities shall be properly disposed of according to 30 TAC 330 or 30 TAC 335, as applicable.

#### STANDARD CONDITIONS

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

Mr. Jose J. Espinoza Page 3 July 1, 2019

### Prior to Commencement of Construction:

- 4. Within 60 days of receiving written approval of an Edwards Aquifer Protection Plan, the applicant must submit to the Austin Regional Office, proof of recordation of notice in the county deed records, with the volume and page number(s) of the county deed records of the county in which the property is located. A description of the property boundaries shall be included in the deed recordation in the county deed records. A suggested form (Deed Recordation Affidavit, TCEQ-0625) that you may use to deed record the approved WPAP is enclosed.
- 5. All contractors conducting regulated activities at the referenced project location shall be provided a copy of this notice of approval. At least one complete copy of the approved WPAP and this notice of approval shall be maintained at the project location until all regulated activities are completed.
- 6. Modification to the activities described in the referenced WPAP application following the date of approval may require the submittal of a plan to modify this approval, including the payment of appropriate fees and all information necessary for its review and approval prior to initiating construction of the modifications.
- 7. The applicant must provide written notification of intent to commence construction, replacement, or rehabilitation of the referenced project. Notification must be submitted to the Austin Regional Office no later than 48 hours prior to commencement of the regulated activity. Written notification must include the date on which the regulated activity will commence, the name of the approved plan and program ID number for the regulated activity, and the name of the prime contractor with the name and telephone number of the contact person. The executive director will use the notification to determine if the approved plan is eligible for an extension.
- 8. Temporary erosion and sedimentation (E&S) controls, i.e., silt fences, rock berms, stabilized construction entrances, or other controls described in the approved WPAP, 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. If a water quality pond is proposed, it shall be used as a sedimentation basin during construction. The TCEQ may monitor stormwater discharges from the site to evaluate the adequacy of temporary E&S control measures. Additional controls may be necessary if excessive solids are being discharged from the site.
- 9. All borings with depths greater than or equal to 20 feet must be plugged with nonshrink grout from the bottom of the hole to within three (3) feet of the surface. The remainder of the hole must be backfilled with cuttings from the boring. All borings less than 20 feet must be backfilled with cuttings from the boring. All borings must be backfilled or plugged within four (4) days of completion of the drilling operation. Voids may be filled with gravel.

#### **During Construction:**

10. During the course of regulated activities related to this project, the applicant or agent shall comply with all applicable provisions of 30 TAC Chapter 213, Edwards Aquifer. The applicant shall remain responsible for the provisions and conditions

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of this approval until such responsibility is legally transferred to another person or entity.

- 11. This approval does not authorize the installation of temporary aboveground storage tanks on this project. If the contractor desires to install a temporary aboveground storage tank for use during construction, an application to modify this approval must be submitted and approved prior to installation. The application must include information related to tank location and spill containment. Refer to Standard Condition No. 6, above.
- 12. If any sensitive feature (caves, solution cavities, sink holes, etc.) is discovered during construction, all regulated activities near the feature must be suspended immediately. The applicant or his agent must immediately notify the Austin Regional Office of the discovery of the feature. Regulated activities near the feature may not proceed until the executive director has reviewed and approved the methods proposed to protect the feature and the aquifer from potentially adverse impacts to water quality. The plan must be sealed, signed, and dated by a Texas Licensed Professional Engineer.
- 13. All water wells, including injection, dewatering, and monitoring wells must be in compliance with the requirements of the Texas Department of Licensing and Regulation under Title 16 TAC Chapter 76 (relating to Water Well Drillers and Pump Installers) and all other locally applicable rules, as appropriate.
- 14. If sediment escapes the construction site, the sediment must be removed at a frequency sufficient to minimize offsite impacts to water quality (e.g., fugitive sediment in street being washed into surface streams or sensitive features by the next rain). Sediment must be removed from sediment traps or sedimentation ponds not later than when design capacity has been reduced by 50 percent. Litter, construction debris, and construction chemicals shall be prevented from becoming stormwater discharge pollutants.
- 15. Intentional discharges of sediment laden water are not allowed. If dewatering becomes necessary, the discharge will be filtered through appropriately selected best management practices. These may include vegetated filter strips, sediment traps, rock berms, silt fence rings, etc.
- 16. The following records shall be maintained and made available to the executive director upon request: the dates when major grading activities occur, the dates when construction activities temporarily or permanently cease on a portion of the site, and the dates when stabilization measures are initiated.
- 17. Stabilization measures shall be initiated as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, and construction activities will not resume within 21 days. When the initiation of stabilization measures by the 14th day is precluded by weather conditions, stabilization measures shall be initiated as soon as practicable.

#### After Completion of Construction:

18. 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 Austin Regional Office within 30 days of site completion.

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- 19. 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 (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. The regulated entity shall then be responsible for maintenance until another entity assumes such obligations in writing or ownership is transferred. A copy of the transfer of responsibility must be filed with the executive director through Austin Regional Office within 30 days of the transfer. A copy of the transfer form (TCEQ-10263) is enclosed.
- 20. Upon legal transfer of this property, the new owner(s) is required to comply with all terms of the approved Edwards Aquifer protection plan. If the new owner intends to commence any new regulated activity on the site, a new Edwards Aquifer protection plan that specifically addresses the new activity must be submitted to the executive director. Approval of the plan for the new regulated activity by the executive director is required prior to commencement of the new regulated activity.
- 21. An Edwards Aquifer protection plan approval or extension will expire and no extension will be granted if more than 50 percent of the total construction has not been completed within ten years from the initial approval of a plan. A new Edwards Aquifer protection plan must be submitted to the Austin Regional Office with the appropriate fees for review and approval by the executive director prior to commencing any additional regulated activities.
- 22. At project locations where construction is initiated and abandoned, or not completed, the site shall be returned to a condition such that the aquifer is protected from potential contamination.

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

Sincerely,

Robert Sadlier, Section Manager Edwards Aquifer Protection Program Texas Commission on Environmental Quality

RCS/jcs

Enclosure: Deed Recordation Affidavit, Form TCEQ-0625

Change in Responsibility for Maintenance of Permanent BMPs, Form TCEO-10263



### MODIFICATION OF A PREVIOUSLY APPROVED PLAN FORM: ATTACHMENT B – NARRATIVE OF PROPOSED MODIFICATION

The modification to the approved plan at this time is the addition of two Above Ground Storage Tanks (ASTs). These tanks will replace the two tanks that were taken out of use in 1996. The tanks are double walled 2,000-gallon tanks for diesel fuel. Additional details are provided in the AST Facility Plan. The addition of the ASTs is the only modification at this time.

#### **ATTACHMENTS**

ATTACHMENT A – Original Approval Letter ATTACHMENT C – Current Site Plan for Approved Project



75 150 300

Description         Bare Engineering         S. STEWART         APRIL 2024         FIGURE 1 - DRAINAGE AREA SITE 1           and Environmental Consulting. Inc.         and Environmental Consulting. Inc.         CHECKED BY:         DATE:         ESPINOZA STONE PIT 4           TT56 Northcross Drive. Suite 211         S. DELGADO         APRIL 2024         ESPINOZA STONE PIT 4           Phone: (512) 453-331 Fax: (512) 453		DRAWN BY:	DATE:	
And Environmend Consulting. Inc.         CHECKED BY:         DATE:         ESPINOZA STONE PIT 4           7756 Northcross Dive, Suite 21         3. DELGADO         APRIL 2024         251 CR 235           Phone: (512, 453-3316         3. DELGADO         APRIL 2024         251 CR 235           Wowbae(ratio.com)         3. DELGADO         APRIL 2024         251 CR 235           Phone: (512, 453-3316         1"=300'         222044,02         JARRELL 17 76537	A Baer Engineering	S. STEWART	APRIL 2024	FIGURE 1 - DRAINAGE AREA SITE MAP
7756 Northcross Dirve, Suite 211         S. DELGADO         APRIL 2024         251 CR 235           Austin, Texas 7877         Austin, Texas 7877         SCALE:         PROJECT:         JARRELL 1X 76537           Phone: (612) 453-3316         1"=300'         222044,02         JARRELL 1X 76537         JARRELL 77 76537	and Environmental Consulting, Inc.	CHECKED BY:	DATE:	ESPINOZA STONE PIT 4
Austin Texas 2875         SCALE:         PROJECT:         JARREL 17 76537           Phone: (51) 453-3315         Exercised 5323         Exercised 546-3316         JARREL 17 76537           www.baereng.com         1"=300'         222044.02         NUCVENDED 2003	7756 Northcross Drive, Suite 211	S. DELGADO	APRIL 2024	251 CR 235
	Austin, Texas 78757 Dhonor / 6420, 452, 2723 Eour, 76420, 452, 22346	SCALE:	PROJECT:	
	www.baereng.com info@baereng.com	1"=300'	222044.02	NOVFMER 2023

NOTES:

- THERE ARE NO STORM DRAINS LOCATED AT OR NEAR THE FACILITY.
   THERE ARE NO CONNECTIONS TO MS4 STORM INLETS. THE NEAREST MS4 INLET IS 3,000 FEET SOUTHEAST OF THE FACILITY.
   SALADO CREEK (SEGMENT 1243) IS LOCATED 0.25 MILES NORTH OF PIT 4. THE SEGMENT IS NOT IMPAIRED.
   TOTAL AREA: 116 ACRES



				PST_	_ RE	_		_ AST
•								
Cu	stomer I	NO.: CN	OVEGRO		Regulated	Entity No	0.: RN ATION F	ORM
			oveene	• Please ma	il completed form	to:		CEQ Facility ID No.:
For Use in		Com Com	s mission	Petroleum Sto 138)	orage Tank Registrat	ion Program	n <b>(MC-</b> ⊺	CEQ Owner ID No.:
TEXAS	TCEC	Envir Qual	ronmenta ity	P. O. Box 13 Austin, Texa	6087 Fas 78711-3087	ax (512) 2	39-3398 F	ederal Tax ID No. :
The Custo			1.	TANK OWN		ION	kont and act	ivo with the
Texas Sec	retary of St	ate (SOS)	) or Texas C	omptroller of Pi	ublic Accounts (CPA	) If the Ow	ner Name be	elow is a
TANK OWNER B	USINESS OR LAS	ST NAME:	TANK OWNER F	IRST NAME	TYPE OF TANK OWN	IER	Individual	Corporation
Owner Mailin	g Address:				Sole Proprietors County Gov't	hip	Federal Gov't City Gov't	State Gov't Local Gov't
CITY:		S	TATE: ZI	P CODE: ZIP +4:	General Partners	ship	Limited Partne	ership Other
COUNTRY (O	UTSIDE USA)		E-MAIL ADD	RESS	LOCATION OF RECORDS: At facility	Offsite at:		
OWNER'S AUT		SENTATIVE		PHONE NO/Ext	OFFSITE RECORDS LOCA	TION ADDRESS	CITY	State
OWNER		OENTATIVE		HONE NO/EXL	RECORDS CUSTODIAN/CO	ONTACT PERSO	N: TELEF	PHONE NO.
TX State TAX	ID (11 Digits)		TX SOS/CPA	Filing NO	FAX NO:	INDEPENDE Y	NTLY OWNED ES NO	& OPERATED
FEDERAL TA	X ID (9 Digits)		DUNs NO		NUMBER OF EMPLOY 0-20 21-100	EES 101-250	251-500	501 & HIGHER
Facility(RE) A	onal endings E: ddress or Рну	s such as	Inc, LP, or L	LC). n: (No P.O. Boxes)	TYPE OF FACILITY: Retail Farm o Aircraft Refueling Industrial/Manufac	Emergency or Residential Indian La turing/Chemic	Generator Fleet Refu nd Waterci cal Plant	Wholesale eling raft Fueling
CITV: (Nearest	if Physical Loc)	STATE: 7			Number of regulated *	USTs at this f Tanks (USTs	facility:	
On r.(Nearest		TX	hysical Loc)		Number of regulated * *Aboveground Storag	ASTs at this f e Tanks (AST	facility: s)	
Facility					New Regulated Er Update to Regulate	ntity Upda ed Entity Info	te to Regulate	ed Entity Name
Address	CITY:	Sī	ATE: ZI	P CODE: ZIP +4:	What is the primary E description)	Business of th	is Entity? (Do	o not repeat SIC or NAICS
ON-SITE CON	TACT PERSON	Τιτι	.E: T	ELEPHONE NO/Ext:	PRIMARY SIC CODE	٤	SECONDARY SIC	CODE
E_MAIL ADD	RESS:	FAX NUM	BER		PRIMARY NAICS CODE	S	SECONDARY NA	ICS CODE
LATITUDE	Degrees	Minutes	S	econds	LONGITUDE Degr	ees	Minutes	Seconds
The Customer	Name submitte	<b>3.</b> T d here may b	e updated autor	RATOR * INF natically based on wh	ORMATION at is current and active with	(main the Texas Secr	r <b>k here if sa</b> etary of State (SO	me as owner) DS) or Texas Comptroller of
*"Operator"me	ansanypersoning	lay-to-daycor erator Name	ntrolof,andhaving e:	responsibilityfor,thed	nilyoperatioroftheASTsystem	. If the Operate	or Name below	is a new
TANK OPERATO	R NAME: <i>(DO</i>	Not List Em	PLOYEES OF OPE	RATOR)	TYPE OF TANK OPER Sole Proprietorsh	ATOR: I	ndividual Federal Gov't	Corporation State Gov't
Mailing Addr	ESS:				County Gov't General Partners	( ain	City Gov't	Local Gov't
CITY:		S	STATE: ZIP	CODE: ZIP +4:	Date listed person	became ope	rator:	sinp Other
COUNTRY (O	UTSIDE USA)		E-MAIL ADD	RESS	FAX NO:	INDEPENDE	NTLY OWNED	& OPERATED
OPERATOR'S A	AUTHORIZED RE	PRESENTATI	ve: Title: T	ELEPHONE NO/Ext:	NUMBER OF EMPLOY 0-20 21-100	EES 101-250	251-500	501 & HIGHER
TX State TAX	ID		TX SOS/CPA	Filing No	FEDERAL TAX ID		DUNs NO	

1         Initial Registration         2         AST Ownership Change (New O           3         Amendment of:         A         Owner Information Update         B           Table Information Update         D         Table Information Update         B	wner indicate effective date:) Operator Information Update C Facility Information Update
4. Other (specify):	
If this update will affect other program areas affiliated to this	s customer/RN, indicate all affected programs in Section 6 of this form.
Effective Date for Customer Information Updates (mm/do	d/yyyy):
5. OWNER	CERTIFICATION
I certify under penalty of law that I have personally examined and am familiar wit. knowledge and understanding, the submitted information is true, accurate, and co Section 1 and/or as required for the updates to the ID number identified in Section	h the information submitted in this and all attached documents, and based on my current omplete and that I have signature authority to submit this form on behalf of the entity in 16.
PRINTED NAME OF OWNER/OPERATOR (OR AUTHORIZED REPRESENTAT	IVE) TITLE
Signature of Owner/Operator (Or Authorized Representativ	TE) DATE OF SIGNATURE (mm/dd/yyyy)
Individuals are entitled to request and review their personal also have any errors in their information corrected	sonal information that the agency gathers on its forms. They . To review such information, contact us at 512/239-2160.
TCEQ ABOVEGROUND (A	ST) GENERAL INFORMATION
<ul> <li>Who Must Register? Registration is required by Title 30 TAC, Chapter 334, Subchapter F, Section 334.123 for all aboveground storage tanks (ASTs) that have been used to store a regulated petroleum product that are in existence as of September 1, 1989, or that are brought into use after September 1, 1989. The deadline for registering existing tanks was March 1, 1990. Owners who put tanks into use after March 1, 1990 must register their tanks with the Texas Commission on Environmental Quality within 30 days from the date any regulated product is placed into the tank.</li> <li>Which Tanks Are Regulated? AST is defined as a nonvehicular device that is made of non-earthen materials; located on or above the surface of the ground or on or above the surface of the ground or on or above the surface of the ground or on or above the surface of the ground or on or above the surface of the ground or on or above the surface of the ground or on or above the surface of the ground or on or above the surface of the ground or on or above the surface of the ground or on or above the surface of the ground or on or above the surface of the ground or on or above the surface of the floor of a structure below ground, such as a mine working, basement, or vault; and designed to contain an accumulation of petroleum. Only AST's with a capacity greater than 1100 gallons are regulated?</li> <li>What Petroleum Products Are Regulated? Petroleum product means a product that is obtained from distilling and processing crude oil and that is capable of being used as a fuel for the propulsion of a motor vehicle or aircraft, including:</li> <li>1. motor gasoline; 4. kerosene;</li> <li>2. gasohol, and other blended fuels; 5. distillate fuel oil; and 3. aviation gasoline; 6. diesel #1 and #2. The term does not include naphtha-type jet fuel, kerosene-type jet fuel, waste oil, or a petroleum product destined for use in chemical manufacturing or feedstock of that manufacturing.</li> <li>Which Tanks Are Exempt? The following ASTs are exempt from re</li></ul>	<ul> <li>8. a transformer or other electrical equipment that contains a regulated substance and that is used in the transmission of electricity, to the extent that such a transformer or equipment is exempted by the United States Environmental Protection Agency under 40 C.F.R. Part 280;</li> <li>9. an AST is exempt from regulation under this chapter if the sole or principal substance in the tank is a hazardous substance;</li> <li>10. an interstate pipeline facility, including gathering lines, or an AST connected to such a facility is exempt from regulation under this chapter if the pipeline facility is regulated under: (1) the Natural Gas Pipeline Safety Act of 1968 (49 United States Code, §1071 et seq.)</li> <li>(2) the Hazardous Liquid Pipeline Safety Act of 1979 (49 United States Code, §2001 et seq.);</li> <li>11.an intrastate pipeline facility or aboveground storage tank connected to such a facility is regulated under one of the following state laws: (1)Natural Resources Code, Chapters 111 and 117 (2)Texas Civil Statutes, Articles 6053-1 and 6053-2; and</li> <li>12. an AST that is located at or is part of a petrochemical plant, a petroleum refinery, an electric generating facility, or a bulk facility as that term is defined by \$26.3574(a) of the Water Code is exempt from regulation under this chapter but is not exempt for purposes of the fee for delivery of certain petroleum products authorized under \$26.3574 of the Water Code.</li> <li>Amended Registration: An owner of a regulated AST is required to provide written notice to the TCEQ of any changes or additional information concerning the status of any regulated tank, including, but not limited to, operational status condition, product stored, and ownership. When filing an amended registration form, please mark the appropriate box in Section IV. Notice must be filed with the Commission within 30 days from the date of occurrence or knowledge of the status change.</li> <li>AST Fees: Annual facility fees shall cease to be assessed effective September 1, 2007,</li></ul>

**TCEQ - AST REGISTRATION FORM** 4. REGISTRATION STATUS

(Mark all that apply):

**REASON FOR SUBMITTING FORM** 

**TCEQ Facility ID No** 

### TCEQ Facility ID No TCEQ - AST REGISTRATION FORM

### 6. TCEQ PROGRAMS IN WHICH THIS REGULATED ENTITY PARTICIPATES

Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this form or the updates may not be made. If the program is not listed, check other and write it in. This identification will help ensure this form will go to the correct Program Areas and that the appropriate permits / registrations are updated.

Animal Feeding Operation	Dam Safety	Districts	PWS
Industrial & Hazardous Waste	Municipal Solid Waste	New Source Review - Air	Edwards Aquifer
OSSF	Petroleum Storage Tank	Sludge	Emmission Inventory Air
Stormwater	Tires	Title V - Air	Used Oil
Utilities	Voluntary Cleanup Program	Wastewater Agriculture	
Wastewater Permit	Water Districts	Water Rights	
Water Utilities	Other	Other	
Unknown	Licensing - Type(s)		

7. DESCRIPTION OF ABOVEGROUND STORAGE TANKS						
Tank ID (e.g. 1,2,3 or A, B, C)						
Tank Installation Date (Month/day/year)						
Tank Capacity (U.S. gallons)(must be >1100 gallons)						
Tank Status 1-In Use (includes tanks that are inactive but contain product) 2-Out of Use (tanks that are inactive and do not contain product). Indicate date taken out of use (mo/day/yr).	1- 2-	1- 2-	1- 2-	1- 2-		
Product Stored Mark all that apply 1-Gasoline 2-Diesel 3-Kerosene 4-Alcohol Blended Fuel 5-Aviation Gasoline 6-Distillate Fuel Oil	1- 2- 3- 4- 5- 6-	1- 2- 3- 4- 5- 6-	1- 2- 3- 4- 5- 6-	1- 2- 3- 4- 5- 6-		
Material of Construction Mark all that apply 1-Steel 2-Fiberglass 3-Aluminum 4-Corrugated Metal 5-Concrete	1- 2- 3- 4- 5-	1- 2- 3- 4- 5-	1- 2- 3- 4- 5-	1- 2- 3- 4- 5-		
Containment Mark all that apply 1-Earthen Dike 2-Containment Liner 3-Concrete 4-None	1- 2- 3- 4-	1- 2- 3- 4-	1- 2- 3- 4-	1- 2- 3- 4-		
Stage I Vapor Recovery * See rule & location exemption information. 1-Stage I (AST to tanker truck): Installation date: • Type: 1a-Stage 1 two-point system 1b-Stage 1 coaxial system • Exempt by: 1c-TCEQ Rule*	1- 1a- 1b- 1c-	1- 1a- 1b- 1c-	1- 1a- 1b- 1c-	1- 1a- 1b- 1c-		

\* STAGE I VAPOR RECOVERY - Please indicate whether your system has Stage I vapor recovery equipment and the installation date of the equipment. Applicable requirements may be found in 30 TAC, §115.221-229 and §115.241-249. If your AST system is not located in a non-attainment county or one of the 95 covered attainment counties, completion of this section is not necessary. For a complete list of covered attainment counties, please refer to 30 TAC, §115.10.

1. Stage I - system used to capture vapors from the AST during deliveries. Stage I is required in non-attainment counties and in the 95 covered attainment counties if throughput is greater than 125,000 gallons.

If you have questions on how to fill out this form or regarding the PST program, please contact us at 512/239-2160.

Individuals are entitled to request and review their personal information that the agency gathers on its forms. They may also have any errors in their information corrected. If you wish to review such information, contact us at 512/239-2160.

For data verification purposes, please check our IWR (Integrated web reporting) web page: www15.tceq.texas.gov/crpub/index.cfm?fuseaction=regent.RNSearch

## Aboveground Storage Tank Facility Plan Application

### **Texas Commission on Environmental Quality**

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

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

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

### Signature

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

Print Name of Customer/Agent: Mark Sloop

Date: <u>1/28/2025</u>

Signature of Customer/Agent:

MMS

Regulated Entity Name: STONE PIT 4

### Aboveground Storage Tank (AST) Facility Information

1. Tanks and substance stored:

### Table 1 - Tank and Substance Storage

AST Number	Size (Gallons)	Substance to be Stored	Tank Material
1	2,000	On-Road Diesel	Steel, Double-Walled
2	2,000	Off-Road Diesel	Steel, Double-Walled
3			
4			

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

Total x 1.5 = 6,000 Gallons

- 2. The AST will be placed within a containment structure that is sized to capture one and one-half (1 1/2) times the storage capacity of the system. For facilities with more than one tank system, the containment structure is sized to capture one and one-half (1 1/2) times the cumulative storage capacity of all systems.
  - Attachment A Alternative Methods of Secondary Containment. Alternative methods for providing secondary containment are proposed. Specifications that show equivalent protection for the Edwards Aquifer are attached.
- 3. Inside dimensions and capacity of containment structure(s):

### Table 2 - Secondary Containment

Length (L) (Ft.)	Width (W) (Ft.)	Height (H) (Ft.)	L x W x H = (Ft3)	Gallons

Total: \_\_\_\_\_ Gallons

- 4. All piping, hoses, and dispensers will be located inside the containment structure.
  - Some of the piping to dispensers or equipment will extend outside the containment structure.
    - The piping will be aboveground
    - The piping will be underground
- 5. The containment area must be constructed of and in a material impervious to the substance(s) being stored. The proposed containment structure will be constructed of <u>Steel double-walled tank, sitting on a concrete pad</u>.
- 6. Attachment B Scaled Drawing(s) of Containment Structure. A scaled drawing of the containment structure that shows the following is attached:
  - Interior dimensions (length, width, depth and wall and floor thickness).
  - Internal drainage to a point convenient for the collection of any spillage.
  - Tanks clearly labeled.
  - Piping clearly labeled.
  - Dispenser clearly labeled.

### Site Plan Requirements

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

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

Site Plan Scale: 1" = <u>200</u>'.

8. 100-year floodplain boundaries:

Some part(s) of the project site is located within the 100-year floodplain. The floodplain is shown and labeled.

No part of the project site is located within the 100-year floodplain.

$\boxtimes$	The 100-year floodplain boundaries are based on the following specific (including dat	e
	of material) sources(s): <u>FEMA FIRMette 48491C0125F</u> .	

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

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

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

There are  $\underline{1}$  (#) wells present on the project site and the locations are shown and labeled. (Check all of the following that apply):

The wells are not in use and have been properly abandoned.

The wells are not in use and will be properly abandoned.

The wells are in use and comply with 16 TAC § 76.

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

- 11. Geologic or manmade features which are on the site:
  - All sensitive geologic or manmade features identified in the Geologic Assessment are shown and labeled.

No sensitive geologic or manmade features were identified in the Geologic Assessment.

Attachment C - Exception to the Geologic Assessment. A request and justification for an exception to a portion of the Geologic Assessment is attached.

- 12. The drainage patterns and approximate slopes anticipated after major grading activities.
- 13.  $\square$  Areas of soil disturbance and areas which will not be disturbed.
- 14. Locations of major structural and nonstructural controls. These are the temporary and permanent best management practices.

- 15. 🛛 Locations where soil stabilization practices are expected to occur.
- 16. Surface waters (including wetlands).

N/A

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

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

18.  $\square$  Legal boundaries of the site are shown.

### **Best Management Practices**

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

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

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

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

\_\_\_\_ Co

Containment area will be covered by a roof.

Containment area will not be covered by a roof.

- A description of the alternate method of stormwater disposal is submitted for the executive director's review and approval and is attached.
- 21. Attachment D Spill and Overfill Control. A site-specific description of the methods to be used at the facility for spill and overfill control is attached.
- 22. Attachment E Response Actions to Spills. A site-specific description of the planned response actions to spills that will take place at the facility is attached.

### Administrative Information

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

The WPAP application for this project was approved by letter dated <u>July1, 2019</u>. A copy of the approval letter is attached at the end of this application.

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

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

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

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

- 24. This facility is subject to the requirements for the reporting and cleanup of surface spills and overfills pursuant to 30 TAC 334 Subchapter D relating to Release Reporting and Corrective Action.
- 25. Submit one (1) original and one (1) copy of the application, plus additional copies as needed for each affected incorporated city, groundwater conservation district, and county in which the project will be located. The TCEQ will distribute the additional copies to these jurisdictions. The copies must be submitted to the appropriate regional office.
- 26. Any modification of this AST Facility Plan application will require executive director approval, prior to construction, and may require submission of a revised application, with appropriate fees.

### ATTACHMENT A

Note: This drawing may not be reproduced in any form without the written permission of Hughes Tank Company, Inc. Customer is responsible for verifying correctness of size, location of fittings, accessories and coatings shown on this drawing. Hughes Tank Company, Inc. shall be responsible only for the items indicated in this fabrication drawing unless otherwise noted.



### - Inspection: Hughes Tank Company, Inc Material: A36 Mild Carbon Steel - Internal: Surface prep - Clean of Debris - External: Surface prep - SSPC-SP6 (commercial blast) External: (WHITE) Enviroastic 940 LV Polyurthane Test: Lables: - UL 142 Inner tank: 5PSIG Hydrostatic Outer tank: Hydrostatic Pressure Test: 3-5 PSI This drawing may contain CONFIDENTIAL information and is intended ONLY for the use of the specific individual to which it is addressed. **Primary** 2" threaded fitting Coupling 4" 4" threaded fitting Primarv 6" 6" threaded fitting Primary Emergency Vent 6" 6"emergency vent Primary Secondary Medium lifting lug Med. 2" interstitial fitting Secondary 2" 6" 6"emergency vent Secondary 18" 18" manhole Primarv REV SHEET 1/1



#### AST Facility Plan – Form 0575

#### Attachment D – Spill and Overfill Control

Espinoza Stone instructs the third party refueler to follow the procedures listed below for oil transfer procedures involving a tanker truck. The refueler must notify a designated Espinoza employee to oversee the delivery. The driver remains present throughout the transfer procedure to prevent an overfill. Loading/unloading is not permitted after hours.

#### Prior to loading/unloading

- Visually check all hoses for leaks and wet spots.
- Verify that sufficient volume (ullage) is available in the receiving tank.
- Secure the tank vehicle with wheel chocks and/or interlocks.
- Ensure that the vehicle's parking brakes are set.
- Verify proper alignment of valves and proper functioning of the pumping system.
- If filling a tank truck, then inspect the lowermost drain and all outlets.
- Establish adequate bonding/grounding prior to connecting to the product transfer point.
- Turn off cell phone.

#### During loading/unloading

- Driver must stay with the vehicle at all times during loading/unloading activities.
- Periodically inspect all systems, hoses, and connections.
- When loading, keep internal and external valves on the receiving tank open along with the pressure relief valves.
- When making a connection, shut off the vehicle engine. When transferring Class 3 materials, shut off the vehicle engine unless it is used to operate a pump.
- Driver will maintain communication with an Espinoza Stone employee stationed at tank during the transfer.
- An Espinoza Stone employee will monitor the liquid level in tank to prevent overflow.
- Monitor flow meters to determine rate of flow.
- When topping off the tank, reduce flow rate to prevent overflow.

#### After loading/unloading

- Make sure the transfer operation is completed.
- Close all tank and loading valves before disconnecting.
- Securely close all vehicle internal, external, and dome cover valves before disconnecting.
- Secure all hatches.
- Disconnect grounding/bonding wires.
- Make sure the hoses are drained to remove the remaining oil before moving them away from the connection. Use a drip pan.
- Cap the end of the hose and other connecting devices before moving them to prevent uncontrolled leakage.
- Remove wheel chocks and interlocks.
- Inspect the lowermost drain and all outlets on tank truck prior to departure. If necessary, tighten, adjust, or replace caps, valves, or other equipment to prevent oil from leaking while in transit.



#### AST Facility Plan – Form 0575

#### Attachment E – Response Actions to Spills

Espinoza Stone implements the following spill response actions:

- **1.** The source of the spill will be stopped immediately by stopping oil transfer, closing valves and / or using absorbent materials to confine the spill.
- 2. The material or product spilled will be contained to prevent further spreading and contamination. Containment will be accomplished using material from the spill response kit or roll of absorbent padding.
- **3.** The personnel on duty will notify members of the Spill Response Team, and, when necessary, the local fire department emergency response unit immediately.
- **4.** All available manpower trained in spill control and equipment necessary to respond to the spill will be secured to contain and clean up the spill in accordance with local, state, and federal environmental agencies.
- **5.** All contaminated or soiled material used in the cleanup or containment process will be picked up, packaged, and disposed of in accordance with local, state, and federal rules and regulations.
- **6.** Immediate action will be taken to correct the cause of the spill to prevent the possibility of recurrence.
- **7.** The Spill Response Coordinator is responsible for notifying the State and Federal authorities if there is either an oil spill, of any size, to a waterway that creates a sheen, or if the oil spill is 25 gallons or more.

In the event of a 25 gallon or larger discharge from the facility OR any size of hydrocarbon discharge that creates sheen, emulsion or sludge on the waterways or tributaries closest to the facility, personnel will do the following:

• Immediately notify the National Response Center (1-800-424-8802) and Texas Commission on Environmental Quality (1-800-832-8224).

Within 30 days of the reportable spill, the Coordinator must submit a written report to the TCEQ Regional Office assigned to the facility's location. The report will include information from the initial notification, a description of cleanup actions taken, and a statement that the cleanup has been completed. Refer to <u>http://www.tceq.texas.gov/response/followup.html</u> for a list of specific information to be provided in the report.

Additional reporting requirements and regulatory requirements will be triggered if either of the following discharge events should occur:

- A single discharge of more than 1,000 gallons of oil to navigable waters or the adjoining shoreline; or
- Two discharges to navigable waters or the adjoining shoreline each more than 42 gallons occurring within any 12-month period.

## Water Pollution Abatement Plan Application

### **Texas Commission on Environmental Quality**

for Regulated Activities on the Edwards Aquifer Recharge Zone and Relating to 30 TAC §213.5(b), Effective June 1, 1999

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

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

### Signature

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

Print Name of Customer/Agent: Mark Sloop, P.G. (TX12157)

Date: January 28, 2025

Signature of Customer/Agent:

M\_Ms\_

Regulated Entity Name: STONE PIT 4

### **Regulated Entity Information**

- 1. The type of project is:
  - □ Residential: Number of Lots:
  - □ Residential: Number of Living Unit Equivalents:
  - □ Commercial
  - 🛛 Industrial
  - $\Box$  Other:
- 2. Total site acreage (size of property):226
- 3. Estimated projected population: NA
- 4. The amount and type of impervious cover expected after construction are shown below:

TCEQ-0584 (Rev. 02-11-15)

Impervious Cover of Proposed Project	Sq. Ft.	Sq. Ft./Acre	Acres
Structures/Rooftop			
S	26,266	÷ 43,560 =	0.58
Parking		÷ 43,560 =	
Other paved			
surfaces	286,188	÷ 43,560 =	6.57
Total Impervious			
Cover	311,454	÷ 43,560 =	7.15

**Table 1 - Impervious Cover Table** 

**Total Impervious Cover** <u>7.15</u> ÷ **Total Acreage** <u>226</u> X **100** = <u>3.16</u>% Impervious Cover

- 5. Attachment A Factors Affecting Surface Water Quality. A detailed description of all factors that could affect surface water and groundwater quality that addresses ultimate land use is attached.
- 6. Only inert materials as defined by 30 TAC §330.2 will be used as fill material.

### For Road Projects Only

### Complete questions 7 - 12 if this application is exclusively for a road project.

7. 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.

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

□Concrete □Asphaltic concrete pavement □Other:

9. Length of Right of Way (R.O.W.): \_\_\_\_\_ feet.

Width of R.O.W.: \_\_\_\_\_ feet. L x W = \_\_\_\_\_  $Ft^2 \div 43,560 Ft^2/Acre = _____ acres.$ 

10. Length of pavement area: \_\_\_\_\_ feet.

Width of pavement area: \_\_\_\_\_ feet.L x W = \_\_\_\_\_  $Ft^2 \div 43,560 Ft^2/Acre = _____ acres.Pavement area _____ acres \div R.O.W. area _____ acres x 100 = ____% impervious cover.$ 

11.  $\Box$  A rest stop will be included in this project.

 $\Box$  A rest stop will not be included in this project.

12. □ 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

13. Attachment B - 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 the 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

14. The character and volume of wastewater is shown below:

% Domestic	Gallons/day
<u>100</u> % Industrial	<u>0</u> Gallons/day
% Commingled	Gallons/day
TOTAL gallons/day 0	

15. Wastewater will be disposed of by:

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

Attachment C - 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

Restroom facilities include portable restrooms that are picked up and replaced as needed for disposal by a third party servicer.

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):

- Private service laterals from the wastewater generating facilities will be connected to an existing SCS.
- □ Private service laterals from the wastewater generating facilities will be connected to a proposed SCS.

 $\Box$  The SCS was previously submitted on\_\_\_\_\_.

□ The SCS was submitted with this application.

- □ The SCS will be submitted at a later date. The owner is aware that the SCS may not be installed prior to Executive Director approval.
- □ The sewage collection system will convey the wastewater to the \_\_\_\_\_ (name) Treatment Plant. The treatment facility is:

□ Existing.

 $\Box$  Proposed.

16.  $\Box$  All private service laterals will be inspected as required in 30 TAC §213.5.

### Site Plan Requirements

### Items 17 – 28 must be included on the Site Plan.

17.  $\square$  The Site Plan must have a minimum scale of 1" = 400'.

Site Plan Scale: 1" = <u>200</u>'.

- 18. 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):

- 19. □ 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, open space, etc. are shown on the plan.
  - □ The layout of the development is shown with existing contours at appropriate, but not greater than ten-foot intervals. Finished topographic contours will not differ from the existing topographic configuration and are not shown. Lots, recreation centers, buildings, roads, open space, etc. are shown on the site plan.

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

- $\boxtimes$  There are <u>1</u> (#) wells present on the project site and the locations are shown and labeled. (Check all of the following that apply)
- □ The wells are not in use and have been properly abandoned.
- □ The wells are not in use and will be properly abandoned.
- $\boxtimes$  The wells are in use and comply with 16 TAC §76.
- □ There are no wells or test holes of any kind known to exist on the project site.
- 21. Geologic or manmade features which are on the site:
  - All sensitive geologic or manmade features identified in the Geologic Assessment are shown and labeled.

- □ No sensitive geologic or manmade features were identified in the Geologic Assessment.
- □ Attachment D Exception to the Required Geologic Assessment. A request and justification for an exception to a portion of the Geologic Assessment is attached.
- 22. The drainage patterns and approximate slopes anticipated after major grading activities.
- 23. Areas of soil disturbance and areas which will not be disturbed.
- 24. ☐ Locations of major structural and nonstructural controls. These are the temporary and permanent best management practices.
- 25.  $\boxtimes$  Locations where soil stabilization practices are expected to occur.
- 26.  $\boxtimes$  Surface waters (including wetlands).

 $\Box$  N/A

27. 🛛 Locations where stormwater discharges to surface water or sensitive features are to occur.

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

 $28.\boxtimes$  Legal boundaries of the site are shown.

### Administrative Information

- 29. ⊠ 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.
- 30.⊠ Any modification of this WPAP will require Executive Director approval, prior to construction, and may require submission of a revised application, with appropriate fees.

### Jarrell Crushed Stone, Inc. Jarrell Crushed Stone Pit #4

WPAP Attachment A This information has not changed from the original WPAP plan.

#### Factors Affecting Water Quality

The major factor that could potentially affect the water quality is sediment generated by the quarry operations inside the pit. There is no runoff from the quarry pit area, this storm water remains on site and is collected in the low spot of the operation and then is recycled and used for dust control. All runoff from the concrete batch plant will be contained within the operation area and reused in the concrete batch operation.

Other factors that would not have as much impact include fuels and lubricants from vehicles and equipment and trash/debris items. Any spills or leaks from vehicles or other equipment will be cleaned up in a timely manner and will be disposed of properly. Trash receptacles are onsite for use by employees and visitors.

Port-a-potties are used by the workers around the site and these are regularly maintained by the company leasing the equipment to this operation.

> WPAP Attachment B

This information has not changed from the original WPAP plan.

#### Volume and Character of Stormwater

The subject site will have about 7.15 acres of impervious cover comprised of primary driveways, offices and operational buildings as shown on the Site Plan during operation. There is a proposed pond where 129,730 cf will be detained and released as extended detention to satisfy the BMP requirements of 45,762 cf. The volume of storm water runoff from the site has been reduced because the quarry pit retains storm water that falls into the pit. The pit will include about 73.9% of the property area.

It is expected that storm water runoff leaving this project site will be reduced in terms of volume during operation and essentially be the same in terms of character but less in quantity as prior to the quarry operation. This reduction will occur because there is exposed solid rock on the surface in this sites existing condition, and after this project is complete about 73.9% of the area will have fill at the surface and solid rock will have been removed therefore allowing for drainage to soak in to the ground where it could not before. The natural impervious cover on the site will have been reduced due to the operation.

### Jarrell Crushed Stone, Inc. Jarrell Crushed Stone Pit #4

WPAP Attachment C This information has not changed from the original WPAP plan.

Suitability Letter for Septic System

As mentioned above, no septic system will be installed for the foreseeable future. Mostly a crusher operation will be active on the site. At such time as an office is operating construction onsite, a septic system will be designed and permitted by Williamson County.

## **Permanent 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)(C), (D)(Ii), (E), and (5), 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 **Permanent Stormwater Section** is hereby submitted for TCEQ review and executive director approval. The application was prepared by:

Print Name of Customer/Agent: <u>Mark Sloop</u>

Date: <u>January 28, 2025</u>

Signature of Customer/Agent

MMS

Regulated Entity Name: <u>STONE PIT 4</u>

### Permanent Best Management Practices (BMPs)

Permanent best management practices and measures that will be used during and after construction is completed.

1. Implement BMPs and measures must be implemented to control the discharge of pollution from regulated activities after the completion of construction.

□ N/A

2. 
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:

 $\Box$  N/A

3. 🖾 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

- 4. 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.
  - $\boxtimes$  The site will not be used for low density single-family residential development.
- 5. The executive director may waive the requirement for other permanent BMPs for multifamily 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 A 20% or Less Impervious Cover Waiver. The site will be used for multifamily 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.

### 6. C Attachment B - 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.

### 7. Attachment C - 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.
- 8. Attachment D BMPs for Surface Streams. A description of the BMPs and measures that prevent pollutants from entering surface streams, sensitive features, or the aquifer is attached. Each feature identified in the Geologic Assessment as sensitive has been addressed.

 $\Box$  N/A

- 9. The applicant understands that to the extent practicable, BMPs and measures must maintain flow to naturally occurring sensitive features identified in either the geologic assessment, executive director review, or during excavation, blasting, or construction.
  - ☑ The permanent sealing of or diversion of flow from a naturally-occurring sensitive feature that accepts recharge to the Edwards Aquifer as a permanent pollution abatement measure has not been proposed.
  - □ Attachment E Request to Seal Features. A request to seal a naturally-occurring sensitive feature, that includes, for each feature, a justification as to why no reasonable and practicable alternative exists, is attached.
- 10. Attachment F Construction Plans. All construction plans and design calculations for the proposed permanent BMP(s) and measures have been prepared by or under the direct supervision of a Texas Licensed Professional Engineer, and are signed, sealed, and dated. The plans are attached and, if applicable include:
  - ☑ Design calculations (TSS removal calculations)
  - $\boxtimes$  TCEQ construction notes
  - ⊠ All geologic features
  - All proposed structural BMP(s) plans and specifications

□ N/A

- 11. Attachment G Inspection, Maintenance, Repair and Retrofit Plan. A plan for the inspection, maintenance, repairs, and, if necessary, retrofit of the permanent BMPs and measures is attached. The plan includes all of the following:
  - ☑ Prepared and certified by the engineer designing the permanent BMPs and measures
  - Signed by the owner or responsible party
  - ⊠ Procedures for documenting inspections, maintenance, repairs, and, if necessary retrofit
  - ⊠ A discussion of record keeping procedures

□ N/A

12. Attachment H - 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

13. Attachment I -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 results in water quality degradation.

□ N/A

### Responsibility for Maintenance of Permanent BMP(s)

## Responsibility for maintenance of best management practices and measures after construction is complete.

14. If 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.

 $\Box$  N/A

15. 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.

□ N/A

This information has not changed from the original WPAP plan.

### Permanent Storm Water Section Attachment A

#### Description of the Site

**Jarrell Crushed Stone, Inc.** plans to develop a quarry operation that will remain within the limits of this property. It will ultimately cover about 73 9% of the site. Mining within the limits of the property will be contained on the property, and not extend within 25' of any property line or existing driveway. A buffer of 50' will be maintained on along the boundary of the 100-year floodplain.

A crusher operation will be the main business of this site. The crusher operation will be used to crush rock from this site and other quarry sites owned by Bernardo Espinoza

The area of the first pit will be bordered by the existing access road and project site to the south, the property line to the west and east of the property and the 100-year floodplain boundary buffer to the north. The area of the first quarry operation could take up approximately **73.78** acres.

The area of the second pit will be bordered by the existing access road and project site to the north, the property line to the west and east of the property and the property line following FM487 along the south boundary of the proposed pit. The area of the second quarry operation could take up approximately **93.23** acres.

### Permanent Storm Water Section Attachment B

This information has not changed from the original WPAP plan.

BMPs for Up-gradient Storm water

There is up-gradient storm water that flow from the undeveloped land south of the project site. The quarry operation will not experience any other up-gradient flows entering their limits because the properties up stream of this property are blocked and redirected by the existing FM 487 that runs along the southern property line. Quarrying will begin on the south side of the project site and any up-gradient flows will drain into the quarry pit and will be used in the operation of the saws.

Permanent Storm Water Section Attachment C This information has not changed from the original WPAP plan.

#### BMPs for On-site Storm water

Mining within the limits of the existing quarry will be started at the south and work downstream Most of the fine silt generated by this operation is contained as part of the

This information has not changed from the original WPAP plan.

Permanent Storm Water Section L Attachment C

operation and promptly relocated to the waste pile located within the pit, since it serves no purpose for the products produced in this operation. Therefore, this silt never leaves the pit and is contained on site without needing an additional structural BMP to contain it.

This pit is anticipated to be excavated to an elevation of no more than **762.00**. This water depth was determined by using data provided by the database maintained by the Texas Water Development Board. The highest calculated water depth that a nearby water well might reach is **737.00**', and so the requested possible depth of this quarry will still be at least 25' higher than this water depth.

As mentioned elsewhere in this report, the drainage that enters this pit will run to the low point in the pit. This low point is not specifically defined, because it will move as the operation proceeds on a regular basis. The rock is excavated and then transported off site, to the adjacent property to the north. The waste material is stockpiled on the waste pile within the pit area to the north side of the pit and will grow south as the pit operation shifts to the south through the excavation. Any storm water that drains into the quarry areas of the property is fairly minimal, since there is no upstream drainage area, draining directly into the quarry boundaries set for this property.

The entire quarry area, once incorporated into the pit area is constantly evolving as the product is stock piled, moved around, wastes are stock piled and the excavation continues. Therefore, there is little or no area that will be left un-worked and abandoned until the final operation takes place that will be the spreading of the waste pile and filling in of the pit at the completion of the project. Most of the active restoration will take place at the end of the project and all of the disturbed excavated areas will focus storm water drainage into the pit and not off the premises until this operation ceases.

Storm water is conveyed via sheet flow across the open spaces in their natural state.

Permanent Storm Water Section

Attachment D

BMPs for Surface Streams

There is a defined jurisdictional waterway that runs through the back, northern portion of the property, which is Salado Creek. The 100-year floodplain extends further than Salado Creek so a 50' buffer has been provided on this site around the boundary of this floodplain. No excavation may be performed within this buffer.

This information has not changed from the original WPAP plan.

### Permanent Storm Water Section Attachment E

Request to Seal Features

No naturally occurring "sensitive" or "possibly sensitive" features exist on the site that have a need to be sealed at this time.

> Permanent Storm Water Section changed from the original Attachment F

This information has not WPAP plan.

Following the criteria set forth on the TCEQ Quarry Design Manual, those drainage basins that are exclusively being used as a quarry operation and do not include business operations that would generate pollutant loads, do not have a separate best management plan, and it is understood that the guarry pit itself will contain any drainage in those areas and keep the storm flows from leaving the site, and therefore eliminating any chance of the storm waters polluting downstream. Therefore, there are no Permanent Best Management Practices being installed that have calculations required to design and size them for effectiveness.

### The ultimate Permanent BMP for this property

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 14<sup>th</sup> day after construction activity has 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 14<sup>th</sup> day after construction activity has temporarily or permanently ceased is precluded by seasonal arid conditions, stabilization measures shall be initiated as soon as practicable.

At the end of the project, when the waste piles are leveled into the pit and the quarry operation has ceased. The disturbed areas will be revegetated similar to existing conditions on the surrounding property. If a shallow area remains, due to a lack of fill material, this area will be graded and restored as a stock pond or similar use.

Permanent Storm Water Section Attachment G Signature:

Inspection, Maintenance, Repair and Retrofit Plan Dated: 03/13/2015

The rock berms should be inspected weekly and after each rainfall. Written documentation of these inspections should be kept during the course of construction at the project site. Any erosion of berms should be backfilled and compacted as soon as possible. If a rock berm is no longer able to properly filter the sediment from the storm water due to contamination from silt, it should be replaced.

The sediment ponds at the rock saws will be monitored and cleaned out about every 3 months or as needed. The sediment will be relocated to the stock piles at the south end of the pit. The extended detention pond will be monitored monthly and cleaned out once a year or as needed to maintain the required storage volume of water calculated to filter the water prior to it is leaving the site.

The grassy swales will be monitored and will have at least 80% vegetated cover in order to provide adequate treatment of runoff. The grass will have fine, close-growing, water-resistant grasses lining the entire length of the grassy swale.

The extended detention ponds should be checked and maintenance provided monthly to maintain the efficiency of pollutant removal by mowing, controlling pond vegetation, removing accumulated bottom sediments, removing debris from all inflow and outflow structures, unclogging orifice perforations and maintaining all physical structures that are within the detention pond area, as needed.

This information has not changed from the original WPAP plan.

This information has not changed from the original WPAP plan.

Permanent Storm Water Section Attachment G (continued)

Jarrell Crushed Stone, Inc. will conduct periodic inspections and after each significant storm, removing floatable objects and correcting erosion problems in the pond, on the slopes and around the bottom of the pond. In addition, Jarrell Crushed Stone, Inc. will pay particular attention to the outlet control perforations, looking for signs of clogging and will remove sediment and other debris that collects overtime.

- Inspections: The basins should be inspected at least twice a year, (once during or immediately following wet weather periods) to evaluate facility operations. The extended detention controls should be inspected for clogging or conversely for too rapid of a release. If the design drawdown time exceeds 24 hours then repairs should be made. The upper stage flat bottom channel and its flow path to the pond should be checked for erosion problems and repaired and revegetated immediately.
- Mowing: The upper stage channel, side slopes, embankment and emergency spillway of an extended detention pond must be mowed regularly to discourage woody growth and to control weeds. The vegetation growth should not exceed 18 inches in height.
- Debris and Litter Removal: Debris and litter, particularly floating debris, that accumulates near the detention control device should be removed prior to mowing and during the regular inspections, to prevent clogging of the outfall device.
- Erosion Control: The upper stage channel, pond side slopes, emergency spillway, and embankment may particularly suffer from slumping and erosion, although if proper compaction is performed during installation this should be minimized.
- Structural Repairs and Replacement: With each inspection, any damage to the structural elements of the system, such as pipes, concrete structures, retaining walls, etc. should be identified and repaired immediately. These repairs may include patching of cracked concrete, sealing of voids, and removal of evasive vegetation.
- Nuisance Control: Standing water is not desired in an extended detention basin, or continued soggy conditions within the lower stage of the basin can cause nuisance conditions for on-site or for nearby residents. Odors, mosquitoes, weeds and litter are occasionally perceived as problems. Most of these problems are usually signs that regular inspections and maintenance are not being performed and can easily be avoided.

Permanent Storm Water Section Attachment G (continued)

This information has not changed from the original WPAP plan.

Sediment Removal: The extended detention pond, if properly functioning, will accumulate quantities of sediment over time. The rock berms located directly above the entrance to these ponds should capture most of the sediment and if kept clean will maximize the amount of time that can occur between the times when sediment removal within the pond is required. The accumulation of sediment reduces available storage capacity within the basin, and since the sediment will accumulate at the lowest point first, likely the sediment will cause blockage of the outlet pipe orifices, which must be maintained open, to work properly. Sediment may also be re-suspended if allowed to accumulate overtime and escape through the hydraulic control to downstream channels and streams. For these reasons, accumulated sediment needs to be removed from the lower stage when sediment buildup fills 20% of the volume of the basin or at least every 10 years.

The grassy swales used to convey storm water from the impervious covered areas of the site to the extended detention ponds are important elements of the protection of down stream features by providing sediment removal prior to the storm water reaching the extended detention ponds. Maintenance of these grassy swales is minimal, but aimed at keeping the grass cover dense and vigorous.

- Pest Management: Regular cutting of the grass will help to minimize the growth of unwanted weeds and will deter problem insects and wildlife from moving in and causing unwanted problems for the surrounding land uses.
- Seasonal Mowing and Lawn Care: If native grasses are used, less frequent mowing is required, but a minimum of twice annually should be performed. Grass height should not exceed 18 inches. Healthy grass can be maintained without the use of fertilizer, because the passing run-off usually contains sufficient nutrients.
- Inspection: Inspect the grass swales at least twice annually for erosion or damage to the vegetation, additional inspections after heavy rain events are helpful as well. The swale should be inspected for uniformity of cover, debris, litter and sediment accumulation. Bare spots and areas of erosion identified during the inspections must be replanted and restored to meet specifications included within the details of this plan.
- Debris and Litter Removal: Trash tends to accumulate in grassy areas. All grassy swales should be kept free of trash to reduce floatables being flushed downstream to the pond, and for aesthetic reasons. Inspections should be performed no less than 2 times per year.

Permanent Storm Water Section Attachment G (continued) This information has not changed from the original WPAP plan.

- Sediment Removal: Sediment removal should be removed when it builds up to 3 inches at any spot or covers the existing vegetation. If this occurs, non-disruptive measures like removing the obstructions by hand or with a flat shovel to minimize the disturbance of the grass are recommended. Inspections should be performed no less than 2 times per year.
- Grass seeding and Mulching: As practical, a healthy dense grass should be maintained in the channel and on the side slopes. Grass damaged during the sediment removal process should be replaced using the same native seed mix used during swale establishment.

The extended detention ponds have moderate to high maintenance requirements, depending on the extent to which future maintenance needs are anticipated during the design stage. Responsibilities or both routine and nonroutine maintenance tasks need to be clearly understood and enforced. If regular maintenance and inspections are not undertaken, the basin will not achieve its intended purposes

Once established, some basic maintenance is useful to insure the health of the grasses including:

- Inspection: Basins should be inspected at least twice a year (once during or immediately following wet weather) to evaluate facility operation. When possible, inspections should be conducted during wet weather to determine if the pond is meeting the target detention times. In particular, the extended detention control device should be regularly inspected for evidence of clogging, or conversely, for to rapid a release. If the design drawdown times are exceeded by more than 24 hours, then repairs should be scheduled immediately. The upper stage pilot channel, if any, and its flow path to the lower stage should be checked for erosion problems. During each inspection, erosion areas inside and downstream of the BMP should be identified and repaired or revegetated immediately.
- Mowing: The upper stage, side slopes, embankment, and emergency spillway of an extended detention basin must be mowed regularly to discourage woody growth and control weeds. Grass areas in and around basins should be mower at least twice annually to limit vegetation height to 18 inches. More frequent mowing to maintain aesthetic appeal may be necessary in landscaped areas. When mowing of grass, a mulching mower should be used, or grass clippings should be caught and removed.

This information has not changed from the original WPAP plan.

Permanent Storm Water Section Attachment G (continued)

- Debris and Litter Removal: Debris and litter will accumulate near the extended detention control device and should be removed during regular mowing operations and inspections. Particular attention should be paid to floating debris that can eventually clog the control deice or riser.
- Erosion control: The pond side slopes, emergency spillway, and embankment all
  may periodically suffer from slumping and erosion, although this should not occur
  often if the soils are properly compacted during construction. Regarding and
  revegetation may be required to correct the problems. Similarly, the channel
  connecting and upper stage with a lower stage may periodically need to be
  replaced or repaired.
- Structural Repairs and Replacement: With each inspection, any damage to the structural elements of the system (pipes, concrete drainage structures, retaining walls, etc.) should be identified and repaired immediately. These repairs should include patching of cracked concrete, sealing of voids, and removal of vegetation from cracks and joints. The various inlet/outlet and riser works in a basin will eventually deteriorate and must be replaced. Public works experts have estimated that corrugated metal pipe (CMP) has a useful life of about 25 yr. whereas reinforced concrete barrels and risers may last from 50 to 75 yr.
- Nuisance Control: Standing water (not desired in an extended detention basin) or soggy conditions within the lower stage of the basin can create nuisance conditions for nearby residents. Odors, mosquitos, weeds, and litter are all occasionally perceived to be problems. Most of these problems are generally a sign that regular inspections and maintenance are not performed (e.g., mowing, debris removal, clearing the outlet control device).
- Sediment Removal: When properly designed, dry extended detention basins will accumulate quantities of sediment over time. Sediment accumulation is a serious maintenance concern in extended detention dry ponds for several reasons First, the sediment gradually reduces available stormwater management storage capacity within the basin Second, unlike wet extended detention basins (which have a permanent pool to conceal deposited sediments), sediment accumulating can make dry extended detention basins very unsightly. Third, and perhaps most importantly, sediment tends to accumulate around the control device Sediment deposition increases the risk that the orifice will become clogged, and gradually reduces storage capacity reserved for pollutant removal. Sediment can also be resuspended if allowed to accumulate over time and escape through the hydraulic control to downstream channels and streams. For these reasons, accumulated

This information has not changed from the original WPAP plan.

Permanent Storm Water Section Attachment G (continued)

sediment needs to be removed from the lower stage when sediment buildup fills 20% of the volume of the basin or at least every 10 years

The Jarrell Crushed, Inc. 'Jarrell Crushed Stone Pit #4' site is authorized to discharge storm water under the TPDES General Permit No. TXR050000 for industrial activities. Requirements of the general permit include maintaining a SWP3 which includes inspections of storm water best management practices and sampling of storm water that is discharged from the site.

If necessary, mine dewatering will be accomplished according to the TCEQ storm water regulations noted in the TPDES General Permit No. TXR050000 under Sector J for

Mineral Mining and Dressing Facilities. The numeric effluent limitations for Total Suspended Solids (TSS) when mine dewatering are 45 mg/L for a daily maximum and 25 mg/L for a daily average. The estimated background concentration as stated in the Edwards Aquifer Technical Guidance Manual (RG-348) is 80 mg/L for undeveloped areas and 170 mg/L for paved areas. This means that any water to be pumped from the quarry and discharged to Smalley Branch will be subject to sampling and analytical testing prior to discharge and the allowable TSS concentration will be lower than the estimated background concentration from undisturbed, undeveloped areas of the recharge zone.

This information has not changed from the original WPAP plan.

Detailed Inspection Report Form

Date of Inspection	
Location of BMP's reviewed	
Description of repairs needed	
Remediation/clean-up action:	
Corrective measures taken for prevention of reoccurrence	
Signature:	
Notes	

Emergency Number for the National Response Center 1-800-424-8802

This information has not changed from the original WPAP plan.

### Permanent Storm Water Section Attachment H

Pilot-Scale Field Testing Plan

The TCEQ Guidance Manual was used to design the temporary and permanent BMP's and measures for this site, therefore a Pilot-Scale Field Testing Plan should not be required for this project.

> Permanent Storm Water Section changed from the original Attachment I

This information has not WPAP plan.

Measures for Minimizing Surface Stream Contamination

All of the fine silt generated by this operation is contained as part of the operation and promptly relocated to the waste pile located within the pit, since it serves no purpose for the products produced in this operation. Therefore, this silt does not leave the pit and is contained on site without needing further structural BMPs to contain it.

This information has not
changed from the original
WPAP plan.

Texas Commission on Environmental Quality

#### TSS Removal Calculations 04-20-2009

Project Name:	Jarrell Crushed Stone Pit #4	
Date Prepared:	3/14/2019	

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 R 5-348 Pages 3-27 to 3-30 Page 3-29 Equation 3.3 L = 27 2(A, x P) E Required TSS removal resulting from the proposed development = 80% of increased load where A = 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 clan = 226 00 acres Predevelopment impervious area within the limits of the plan = 0.00 acres Total post-development impervious area within the limits of the plan' = 7 15 acros Total post-development impervious cover fraction " = 0.03 P= 32 inches L/ - - - = = 6220 lbs The values entered in these fields should be for the total project area. Number of drainage basins / outfails areas leaving the plan area = 1 2. Drainage Basin Parameters (This information should be provided for each basin): Drainage Basin/Outfall Area No. = 1 Totai drainage basin/outfall area = 7 15 acres Predevelopment impervious area within drainage basin/outfall area = acres 0 00 Post-development impervious area within drainage basin/outfall area = 7 15 acres Post-development impervious fraction within drainage basin/outfall area = 1.00 Lanata a = 6223 lbs 3. Indicate the proposed BMP Code for this basin. Proposed BMP = Extended Detention Removal efficiency = 86 percent 4. Calculate Maximum TSS Load Removed (L<sub>it</sub>) for this Drainage Basin by the selected BMP Type. RG-348 Page 3-35 Equator 3 T L, = (BMP efficiency) x P x (A, x 34 6 + A, x 0 54) where A = Total On-Site drainage area in the BMP catchment area A. = Impervious area proposed in the BMP catchment area Ac = Pervious area remaining in the BMP catchment area  $L_{e}$  = TSS Load removed from this catchment area by the proposed BMP A 7.15 acres Α = acres 7 15 A<sub>c</sub> = 0.00 acres 1 6838 lbs 5. Calculate Fraction of Annual Runoff to Treat the drainage basin / outfall area Desired Line in a 6223 lbs F = 0.91 6. Calculate Capture Volume required by the BMP Type for this drainage basin I outfall area. Calculations from RG-348 Pages 3-34 to 3-36 Rainfall Depth = 1.80 inches Post Development Runoff Coefficient = 0.82 On-site Water Quality Volume = 38,135 cubic feet

	- around to na		
Off-site area draining to BMP =	0.00	acres	
Off-site Impervious cover draining to BMP =	0 00	acres	
Off-site Runoff Coefficient =	0.00		
Off-site Water Quality Volume =	0	cubic feet	
Storage for Sediment =	7627		
Total Capture Volume (required water quality volume(s) x 1.20) =	45,762	cubic feet	
8. Extended Detention Basin System	Designed as	Required in F	RG-348 Pages 3-46 to 3-51
Required Water Quality Volume for extended detention basin =	45,762	cubic feet	
15. Grassy Swales	Designed as	Required in F	RG-348 Pages 3-51 to 3-54
Design encounter for the sector		,	Ŷ
Darsign parameters for the swale.			
Drainage Area to be Treated by the Swale = A = Impervious Cover in Drainage Area =	7	15 acres	
Rainfall intensity = i =		10 in/hr	
Swale Slope =	0	02 ft/ft	
Side Sidpe (Z) = Desidn Water Depth = v =	0	60 90 ft	
Weighted Runoff Coefficient = C =	o	74	
A = cross-sectional area of flow in Swale =	53	77 sf	
P <sub>22</sub> = Wetted Perimeter =	113	76 feet	
$R_{\rm c}$ = hydraulic radius of flow cross-section = A $_{\rm c}/P_{\rm ev}$ =	0	47 feet	
n = Manning's roughness coefficient =	C	0 2	
15A, Using the Method Described in the RG-348			
Manning's Equation $Q = 1.49 \text{ A}_{\odot}, R_{H}^{-1} \text{ S}^{-1}$			
n			
0.134 × 0	5	74 foot	
$\mathbf{D} = \frac{\mathbf{U} + \mathbf{U} \mathbf{A}}{\mathbf{U} + \mathbf{V} \mathbf{A}} - \mathbf{Z} \mathbf{V}$	5	/4 1881	
y S			
Q = CiA =	52 8	38 cfs	
To calculate the flow velocity in the swale:			
V (Velocity of Elow in the swale) = $\Omega/A_{1}$ =	0.9	A ft/sec	
	0.	10360	
To calculate the resulting swale length:			
L = Minimum Swale Length = V (ft/sec) * 300 (sec) =	295 (	04 feet	
If any of the resulting values do not meet the design requirement s	et forth in RC	3-348 the des	ign parameters must be modified and the solver rerun
19. BMPs Installed in a Series	Designed as	Required in I	RG-348 Pages 3-32
Michael E. Barrett, Ph.D. P.E. recommended that the coeffici	ent for E <sub>2</sub> b	e changed fro	om 0.5 to 0.65 on May 3, 2006
$E_{7^{+}} = [1 - ((1 - E_{-}) \times (1 - 0.65E_{-}) \times (1 - 0.25E_{-})] \times 100 =$	86 3	38 percent	NET EFFICIENCY OF THE BMPs IN THE SERIES
EFFICIENCY OF FIRST BMP IN THE SERIES = E =	75 (	0 percent	
EFFICIENCY OF THE SECOND BMP IN THE SERIES = E =	70 (	0 percent	COFTEN.
EFFICIENCY OF THE THIRD BMP IN THE SERIES = E =	0 (	0 percent	STALL TONIN
THEREFORE, THE NET LOAD REMOVAL WOULD BE			
(A AND A <sub>C</sub> VALUES ARE FROM SECTION 3 ABOVE)			DANIEL J. ARREDONDO
L = F X P X (A, X 34 6 X A, YO 54) =	6007 0	0 lbc	10
LE - L- TX FX (M X 34 0 X M X 0 34) -	68378	O IDS	19989
			199: 40 Q
			Skielenge G
			ANAL STATE
			KI al I t
			V alu Tia
			5/14/11
			• (

## **Application Fee Form**

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Texas Commission on Environmental QualityName of Proposed Regulated Entity: STONE PIT 4Regulated Entity Location: 251 COUNTY ROAD 235, JARRELL TX 76537 2040Name of Customer: ESPINOZA STONE INCContact Person: Fatima VargasPhone: 512-930-1050Customer Reference Number (if issued):CN 602447062Regulated Entity Reference Number (if issued):RN 102052248Austin Regional Office (3373)					
Hays San Antonio Regional Office (336	Travis	⊠ w	filliamson		
Bexar Comal	Medina Minney	🗌 ບ	valde		
Application fees must be paid by Commission on Environmental Q form must be submitted with you	check, certified check, ( uality. Your canceled ( u <b>r fee payment</b> . This p	or money order, payak check will serve as you payment is being subm	ble to the <b>Texas</b> r receipt. <b>This</b> itted to:		
Austin Regional Office		an Antonio Regional C	Office		
Mailed to: TCEQ - Cashier		Overnight Delivery to: <sup>-</sup>	TCEQ - Cashier		
Revenues Section	Revenues Section 12100 Park 35 Circle				
Mail Code 214 Building A. 3rd					
P.O. Box 13088	A	Austin, TX 78753			
Austin, TX 78711-3088	(	512)239-0357			
Site Location (Check All That App	ly):				
Recharge Zone	Contributing Zone	Transi	tion Zone		
Type of Pla	<u>n</u>	Size	Fee Due		
Water Pollution Abatement Plan,	Contributing Zone				
Plan: One Single Family Residentia	al 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		226 Acres	\$ 10,000		
Sewage Collection System		L.F.	\$		
Lift Stations without sewer lines		Acres	\$		
Underground or Aboveground Sto	rage Tank Facility	2 Tanks	\$ 1,300		
Piping System(s)(only)	Each	\$			
Exception		Each	\$		
Extension of Time		Each	\$		

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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TCEQ-0574 (Rev. 02-24-15)

1 of 2

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### **Application Fee Schedule**

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### **Texas Commission on Environmental Quality**

Edwards Aquifer Protection Program 30 TAC Chapter 213 (effective 05/01/2008)

### Water Pollution Abatement Plans and Modifications Contributing Zone Plans and Modifications

	Project Area in	
Project	Acres	Fee
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,	< 1	\$3,000
multi-family residential, schools, and other sites	1<5	\$4,000
where regulated activities will occur)	5 < 10	\$5,000
	10 < 40	\$6,500
	40 < 100	\$8,000
	≥ 100	\$10,000

### Organized Sewage Collection Systems and Modifications

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

## Underground and Aboveground Storage Tank System Facility Plans and Modifications

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

#### Exception Requests

Project	Fee
Exception Request	\$500

### **Extension of Time Requests**

Project	Fee
Extension of Time Request	\$150

Agent Authorization Form For Required Signature Edwards Aquifer Protection Program Relating to 30 TAC Chapter 213 Effective June 1, 1999
Jose J. Espinolog
Print Name
President
Title - Owner/President/Other
of Espinoza Stone Inc.
Corporation/Partnership/Entity Name
have authorized <u>Mark Sloop</u> Print Name of Agent/Engineer
of <u>Baer Engineering and Environmental Consulting, Inc.</u> Print Name of Firm
to represent and act on the behalf of the above named Comparation. During the

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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- 1. The applicant is responsible for compliance with 30 Texas Administrative Code Chapter 213 and any condition of the TCEQ's approval letter. The TCEQ is authorized to assess administrative penalties of up to \$10,000 per day per violation.
- 2. For those submitting an application who are not the property owner, but who have the right to control and possess the property, additional authorization is required from the owner.
- 3. Application fees are due and payable at the time the application is submitted. The application fee must be sent to the TCEQ cashier or to the appropriate regional office. The application will not be considered until the correct fee is received by the commission.
- 4. A notarized copy of the Agent Authorization Form must be provided for the person preparing the application, and this form must accompany the completed application.
- 5. No person shall commence any regulated activity on the Edwards Aquifer Recharge Zone, Contributing Zone or Transition Zone until the appropriate application for the activity has been filed with and approved by the Executive Director.

SIGNATURE PAGE: Applicant Signature

16 2024

THE STATE OF LAW S County of Milliam SUNs

BEFORE ME, the undersigned authority, on this day personally appeared <u>Manuel Salinas</u>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 117 day of September, 2,02.4

OTARY PUBLIC acqueline 7 Typed or Printed Name of Notary

MY COMMISSION EXPIRES: Nov 10, 2021





## **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 ( <i>Core Data Form should be submitted with the program application.</i> )								
□ Renewal (Core Data Form should be submitted with the renewal form) ⊠ Other WPAP Modification								
2. Customer Reference Number ( <i>if issued</i> ) Follow this link to 3. Regulated Entity Reference Number								
CN 602447062	RN 102052248							

### **SECTION II: Customer Information**

4. General	4. General Customer Information 5. Effective Date for Customer Information Updates (mm/dd/yyyy)											
□ New Custo	ew Customer Information 🗆 Change in Regulated Entity Ownership											
$\Box$ Change in $\Box$	Legal Nan	ne (Verifiable wit	h the Texas Se	cretary of S	tate o	or Texas (	Com	ptrol	ller of Public	Accou	nts)	
The Custor	The Customer Name submitted here may be updated automatically based on what is current and active with the											
Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).												
6. Custome	6. Customer Legal Name (If an individual, print last name first: eg: Doe, John) <u>If new Customer, enter previous Customer below:</u>											
7. TX SOS/CPA Filing Number       8. TX State Tax ID (11 digits)				<b>9.</b> (9	Federal Ta digits)	IX ID	<b>10. DUN</b> applicable	<b>5 Number</b> (if )				
11. Type of Customer: No change in information					on			Partn	ership: 🗆 G	eneral 🗆 Limited		
Government:  City County  County  for this section					ietorship 🗆 Other:							
12. Numbe	r of Emp	ployees						13	. Independ	lently	Owned an	d Operated?
□ 0-20 □	21-100	□ 101-250 □	251-500 E	501 and h	igher			🗆 Yes 🛛 No				
14. Custom	er Role	(Proposed or Ac	ual) – <i>as it rel</i> a	ates to the R	Regula	ated Entit	v list	ed o	n this form.	Please o	check one of	<sup>e</sup> the following
□Owner □Occupation	nal Licens	□ Operato ee □ Respon	r sible Party	□ Owr □ VCF	ner & 9/BSA	Operator Applicar	t	□ Other:				
15												
Mailing												
Address:	City			State		Z	Р				ZIP + 4	
16. Countr	y Mailin	g Information	if outside USA	)		17. E-M	[ail ]	Address (if applicable)				
18. Teleph	one Nun	nber	1	9. Extensi	ion o	or Code			<b>20. Fax Number</b> ( <i>if applicable</i> )			cable)
( ) -									( )	-		
( ) -	one nun	uber		9. EXTERS					( )	-		uule)

### **SECTION III: Regulated Entity Information**

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

 $\Box$  New Regulated Entity  $\Box$  Update to Regulated Entity Name  $\Box$  Update to Regulated Entity Information

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

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

23. Street Address of the Regulated											
Entity: (No PO Boxes)	City			State			ZIP			ZIP +	
24. County	-				ļ					4	
	If	no Street	Addro	ess is provid	led,	fields	s 25-28 ar	e requ	ired.		
25. Description to Physical Location:											
26. Nearest City		1	No c	hange i	n iı	nfo	rmatic	on		Nea	arest ZIP Code
Latitude/Longitude a Physical Address ma	are require by be used	ed ai to supply	coord	for this	<mark>5 SE</mark> e not	ecti ne ha	<mark>ON</mark> we been p	provide	ta Stand ed or to ga	ards. (Geo iin accura	ocoding of the acy).
27. Latitude (N) In De		28			28. I	8. Longitude (W) In Decimal					
Degrees	Minutes		Seco	onds		Degr	ees		Minutes		Seconds
29. Primary SIC Code (4 digits)	e 30. (4 d	Secondar	y SIC (	Code	31. (5 c	Prim	ary NAICS gits)	S Code	e 32. Sec (5 or 6	condary M digits)	JAICS Code
34. Mailing	34. Mailing										
Address:	City			State			ZIP			ZIP + 4	
35. E-Mail Address:											
36. Telephone Number37. Extension or Code38. Fax Number (if applicable)											
( ) - ( ) -											
<b>39. TCEQ Programs and</b> updates submitted on this	<b>d ID Numb</b> form. See tl	<b>ers</b> Check he Core Dat	all Prog a Form	grams and wri instructions f	ite in for ac	the po ddition	ermits/regi nal guidanc	stratio	n numbers t	hat will be	affected by the
Dam Safety	🗆 Dist	ricts	□ Edv	wards Aquifer			Emissions Inventory Air			□ Industr Waste	ial Hazardous
	□ New	Source							- 1		

□ 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: Edwards Aquifer
				11001487

### **SECTION IV: Preparer Information**

40. Name: Man	k Sloop		41. Title:	Project Geologist	
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address		
( 512 ) 453-3733		( ) -	msloop@b	aereng.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:	Baer Engineering and Environmental Consulting, Inc.	Project C	Project Geologist		
Name (In Print):	Mark Sloop			Phone:	( 512 ) 453- <b>3733</b>
Signature:	MMS			Date:	January 28, 2025