JB Stone, LLC

ABOVE GROUND STORAGE TANK (AST) PLAN MODIFICATION

JB Stone Quarry

Williamson County, Texas Project No. 1162C-24

Prepared for: JB Stone, LLC 520 Private Road 909 Georgetown, Texas 78633 (512) 931-5300



Prepared by: Forster Engineering TBPE # 12385 401 Maricopa Drive Canyon Lake, Texas 78133 (210) 289-0580

APRIL 2024



Forster ENGINEERING

April 11, 2024

Ms. Lillian Butler, Section Manager Edwards Aquifer Protection Program Texas Commission on Environmental Quality (TCEQ) Austin Regional Office 12100 Park 35 Circle Austin, Texas 78753

Subject: JB Stone, LLC JB Stone Quarry (RN106170103) Aboveground Storage Tank (AST) Plan Modification

Dear Ms. Butler:

Please find attached one (1) electronic copy of the JB Stone, LLC – JB Stone Quarry AST Plan Modification Application. This AST Modification application has been prepared in accordance with Texas Administrative Code (30 TAC §213) for development over the Edwards Aquifer Recharge Zone.

We are requesting your review and approval of this AST Plan Modification application. The required review fee of \$1,300 will be submitted via the TCEQ EPay System once administrative approval and further instructions have been received. If you have any questions or require additional information, please do not hesitate to contact me at your earliest convenience.

Sincerely, Forster Engineering (TBPE # F-12385)

Ralph Voss Jr., P.E. Senior Engineer

TABLE OF CONTENTS

SECTION							
1.0 Modification of a Previously Approved Plan Checklist							
2.0 Edwards Aquifer Application Cover Page (TCEQ-20705)							
3.0 General Information Form (TCEQ-0587)							
Attachment A - Road Map							
Attachment B - USGS / Edwards Recharge Zone Map							
Attachment C – Project Description							
4.0 Geologic Assessment Form (TCEQ-0585)							
5.0 Modification of a Previously Approved Plan (TCEQ-0590)							
Attachment A – Original Approval Letter and Modification Letters							
Attachment B – Narrative of Proposed Modification							
Attachment C – Current Site Plan of the Approved Project							
6.0 Aboveground Storage Tank Facility Plan (TCEQ-0575)							
Attachment A – Alternative Methods of Secondary Containment							
Attachment B – Scaled Drawing(s) of Containment Structure							
Attachment C – Exception to the Geologic Assessment (Not Applicable)							
Attachment D – Spill and Overfill Control							
Attachment E – Response Action to Spills							
Proposed Site Plan (See Attachment C, Section 5)							
7.0 Temporary Storm Water Section (TCEQ-0602) –(Not Applicable)							
8.0 Permanent Storm Water Section (TCEQ-0600)							
9.0 Agent Authorization Form (TCEQ-0599)							
10.0 Application Fee Form (TCEQ-0574) and Check							
11.0 Core Data Form (TCEQ-10400)							



JB Stone, LLC JB Stone AST Modification 1162C-24

Section 1.0

AST MODIFICATION PLAN CHECKLIST



JB Stone, LLC JB Stone AST Modification 1162C-24

Modification of a Previously Approved Plan Checklist

X Edwards Aquifer Application Cover Page (TCEQ-20705)

$\frac{X}{2}$ General Information Form (TCEQ-0587)

Attachment A - Road Map Attachment B - USGS / Edwards Recharge Zone Map Attachment C - Project Description

∑ Geologic Assessment Form (TCEQ-0585)

Attachment A - Geologic Assessment Table (TCEQ-0585-Table) Attachment B - Stratigraphic Column Attachment C - Site Geology Attachment D - Site Geologic Map(s)

$\frac{X}{2}$ Modification of a Previously Approved Plan (TCEQ-0590)

Attachment A - Original Approval Letter and Approved Modification Letters Attachment B - Narrative of Proposed Modification Attachment C - Current Site Plan of the Approved Project

$\stackrel{\text{X}}{=}$ Application Form (include any applicable to the proposed modification):

Aboveground Storage Tank Facility Plan (TCEQ-0575) Organized Sewage Collection System Application (TCEQ-0582) Underground Storage Tank Facility Plan (TCEQ-0583) Water Pollution Abatement Plan Application (TCEQ-0584) Lift Station / Force Main System Application (TCEQ-0624)

N/A Temporary Stormwater Section (TCEQ-0602)

Attachment A - Spill Response Actions Attachment B - Potential Sources of Contamination Attachment C - Sequence of Major Activities Attachment D - Temporary Best Management Practices and Measures Attachment E - Request to Temporarily Seal a Feature (if requested) Attachment F - Structural Practices Attachment G - Drainage Area Map Attachment H - Temporary Sediment Pond(s) Plans and Calculations Attachment I - Inspection and Maintenance for BMPs Attachment J - Schedule of Interim and Permanent Soil Stabilization Practices

\underline{X} Permanent Stormwater Section (TCEQ-0600), if necessary

Attachment A - 20% or Less Impervious Cover Declaration (if requested for multi-family, school, or small business site) Attachment B - BMPs for Upgradient Stormwater Attachment C - BMPs for On-site Stormwater Attachment D - BMPs for Surface Streams Attachment E - Request to Seal Features, if sealing a feature Attachment F - Construction Plans Attachment G - Inspection, Maintenance, Repair and Retrofit Plan Attachment H - Pilot-Scale Field Testing Plan (if requested) Attachment I -Measures for Minimizing Surface Stream Contamination

- \underline{X} Agent Authorization Form (TCEQ-0599), if application submitted by agent
- $\frac{X}{2}$ Application Fee Form (TCEQ-0574)
- \underline{X} Check Payable to the "Texas Commission on Environmental Quality"
- \underline{X} Core Data Form (TCEQ-10400)

Section 2.0

EDWARDS AQUIFER APPLICATION COVER PAGE



JB Stone, LLC JB Stone AST Modification 1162C-24

Texas Commission on Environmental Quality Edwards Aquifer Application Cover Page

Our Review of Your Application

The Edwards Aquifer Program staff conducts an administrative and technical review of all applications. The turnaround time for administrative review can be up to 30 days as outlined in 30 TAC 213.4(e). Generally administrative completeness is determined during the intake meeting or within a few days of receipt. The turnaround time for technical review of an administratively complete Edwards Aquifer application is 90 days as outlined in 30 TAC 213.4(e). Please know that the review and approval time is directly impacted by the quality and completeness of the initial application that is received. In order to conduct a timely review, it is imperative that the information provided in an Edwards Aquifer application include final plans, be accurate, complete, and in compliance with <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: JB Stone Quarry							2. Regulated Entity No.: RN106170103			
3. Customer Name: Bernardo Espinoza					4. Cı	4. Customer No.: CN603864844				
5. Project Type: (Please circle/check one)	New		Modif	icatio	n	Extension		Exception		
6. Plan Type: (Please circle/check one)	WPAP	CZP	SCS	UST	AST	EXP	EXT	Technical Clarification	Optional Enhanced Measures	
7. Land Use: (Please circle/check one)	Resider	ntial	Non-r	resider	ntial		8. Sit	te (acres): 113.10 acres		
9. Application Fee:	\$1,300)	10. Permanent BMP(s):					Double-Wall Steel Tanks		
11. SCS (Linear Ft.):	NA		12. AST/UST (No. Tanks):					2		
13. County:	William	ison	14. W	/aters	hed:			Smalley Creek		

Application Distribution

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

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

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

Austin Region									
County:	Hays	Travis	Williamson						
Original (1 req.)	—		<u>X</u>						
Region (1 req.)		_	<u>X</u>						
County(ies)			<u>X</u>						
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 X_Georgetown Jerrell _Leander Liberty Hill Pflugerville Round Rock						

San Antonio Region									
County:	Bexar	Comal	Kinney	Medina	Uvalde				
Original (1 req.)									
Region (1 req.)									
County(ies)									
Groundwater Conservation District(s)	Edwards Aquifer Authority Trinity-Glen Rose	Edwards Aquifer Authority	Kinney	EAA Medina	EAA Uvalde				
City(ies) Jurisdiction	Castle Hills Fair Oaks Ranch Helotes Hill Country Village Hollywood Park San Antonio (SAWS) Shavano Park	Bulverde Fair Oaks Ranch Garden Ridge New Braunfels Schertz	NA	San Antonio ETJ (SAWS)	NA				

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

Ralph Voss Jr., P.E.

Print Name of Customer/Authorized Agent

Ralpl Jon Jr. Date 04/11/24

Signature of Customer/Authorized Agent

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

Section 3.0

GENERAL INFORMATION FORM



JB Stone, LLC JB Stone AST Modification 1162C-24

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: Ralph Voss Jr., P.E.

Date: 04/11/24

Signature of Eustomer/Agent:

alph for fr.

Project Information

- 1. Regulated Entity Name: JB Stone Quarry
- 2. County: Williamson
- 3. Stream Basin: Smalley Creek
- 4. Groundwater Conservation District (If applicable): NA
- 5. Edwards Aquifer Zone:



6. Plan Type:

	WPAP
	SCS
Х	Modification

X AST UST Exception Request

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

7. Customer (Applicant):

Contact Person: Bernardo EspinozaEntity: JB Stone QuarryMailing Address: 520 Private Road 909City, State: Georgetown, TexasTelephone: 512-639-7356Email Address: jessica@jbstonecompany.com

Zip: <u>78633</u> FAX: _____

8. Agent/Representative (If any):

Contact Person: Ralph Voss Jr., P.E.Entity: Forster EngineeringMailing Address: 401 Maricopa DriveCity, State: Canyon Lake, TexasZip: 78133Telephone: 210-289-0580Email Address: rvoss@forsterengineering.com

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 _____.

- X The project site is not located within any city's limits or ETJ.
- 10. X 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. Take exit 266 from I-35N. Turn left on TX-195W (3.5 miles), turn right on CR 147 (1.0 mile) and turn left onto Private Road 909, site entrance located near end of the road.
- 11. X 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. X 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:
 - X Project site boundaries.
 - X USGS Quadrangle Name(s).
 - X Boundaries of the Recharge Zone (and Transition Zone, if applicable).
 - X Drainage path from the project site to the boundary of the Recharge Zone.
- 13. X 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: <u>NA</u>

- 14. X 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:
 - X Area of the site
 - X Offsite areas
 - X Impervious cover
 - X Permanent BMP(s)
 - X Proposed site use
 - X Site history
 - X Previous development
 - X Area(s) to be demolished
- 15. Existing project site conditions are noted below:
 - Existing commercial site
 - Existing industrial site
 - X Existing residential site
 - X Existing paved and/or unpaved roads
 - X Undeveloped (Cleared)
 - X Undeveloped (Undisturbed/Uncleared)
 - X Other: <u>Limes</u>tone Quarry

Prohibited Activities

- 16. \overline{X} 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. NA 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.
 - X For a UST Facility Plan or Modification or an AST Facility Plan or Modification, the total number of tanks or piping systems.
 - A request for an exception to any substantive portion of the regulations related to the protection of water quality.
 - A request for an extension to a previously approved plan.
- 19. X 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:

X 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. X 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. X 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.

JB STONE QUARRY AST MODIFICATION





JB STONE QUARRY AST MODIFICATION





EDWARDS AQUIFER RECHARGE ZONE MAP (Base Map: USGS TOPOGRAPHIC MAPS (*GEORGETOWN & COBBS CAVERN, TEXAS* 7.5' QUADRANGLES)





GENERAL INFORMATION FORM TCEQ-0587 ATTACHMENT C PROJECT DESCRIPTION

JB Stone Quarry is located west of Interstate Highway 35, approximately 1 mile north of TX-195 W and County Road 147 intersection, off Private Road 909 as illustrated on Attachment A. The site is in Williamson County and is comprised of 113.10 acres located within the Edwards Aquifer Recharge Zone. Smalley Creek flows through the northeast corner of the site. Property surrounding the site consists of undisturbed land, rural homesteads, and other quarry sites.

JB Stone Quarry is an operating quarry that produces dimension stone. The site has an active Water Pollution Abatement Plan (TCEQ ID Number 11002725) approved in February 2022 and an Aboveground Storage Tank (AST) Plan (TCEQ ID 11-11060703) approved in August 2011. This 2011 AST Plan grants approval for one 3,000 gallon tank with containment. However, on December 21, 2023, TCEQ representatives Mr. Frank Sanchez and Mr. Aaron Cook conducted an onsite APO Comprehensive Compliance Investigation (CCI) and observed two 2,000 gallon ASTs on site instead of the one 3,000 gallon tank. Per the TCEQ Exit Interview Form executed by Mr. Sanchez on December 22, 2023, the required corrective action for this violation is to submit an AST Modification to reflect the current and/or proposed AST configuration. This proposed AST Plan Modification has been prepared to satisfy this requirement.

There is no major grading or additional disturbance proposed as part of this modification as all proposed facilities are located within a previously disturbed area. Therefore, temporary BMPs are not applicable for this project. The containment structures themselves serve as the permanent BMPs. No areas will be demolished as part of this AST Modification.



JB Stone, LLC JB Stone Quarry AST Modification 1162C-24

Section 4.0

GEOLOGIC ASSESSMENT FORM



JB Stone, LLC JB Stone AST Modification 1162C-24

Geologic Assessment

Texas Commission on Environmental Quality

For Regulated Activities on The Edwards Aquifer Recharge/transition Zones and Relating to 30 TAC §213.5(b)(3), 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. My signature certifies that I am qualified as a geologist as defined by 30 TAC Chapter 213.

Print Name of Geologist: <u>Roman C. Pineda,</u> <u>P.G.</u> Telephone: (210) 289-0580

Fax: <u>NA</u>

ROMAN C. PINEDA

Date: September 14, 2021

Representing: <u>Forster Engineering, TBPE Firm #12385</u> (Name of Company and TBPG or TBPE registration number)

Signature of Geologist:

Regulated Entity Name: JB Stone Quarry

Project Information

- 1. Date(s) Geologic Assessment was performed: September 1, 2021
- 2. Type of Project:

\times	WPAF
	SCS

3. Location of Project:

\times	Rec	harg	ge Z	Zone	2

Transition Zone

Contributing Zone within the Transition Zone





- 4. Attachment A Geologic Assessment Table. Completed Geologic Assessment Table (Form TCEQ-0585-Table) is attached.
- 5. Soil cover on the project site is summarized in the table below and uses the SCS Hydrologic Soil Groups* (Urban Hydrology for Small Watersheds, Technical Release No. 55, Appendix A, Soil Conservation Service, 1986). If there is more than one soil type on the project site, show each soil type on the site Geologic Map or a separate soils map.

Table 1 - Soil Units, Infiltration Characteristics and Thickness

Soil Name	Group*	Thickness(feet)
Eckrant cobbly clay, 1 to 8% slopes (EaD)	D	0-2
Eckrant extremely stony clay, 0 to 3% slopes (EeD)	D	0-2
Georgetown clay loam, 0 to 2% slopes, (GeB)	A	2-4

Soil Name	Group*	Thickness(feet)
Doss silty clay, moist, 1 to 5% slopes (DoC)	В	0-7

- * Soil Group Definitions (Abbreviated)
 - A. Soils having a high infiltration rate when thoroughly wetted.
 - B. Soils having a moderate infiltration rate when thoroughly wetted.
 - C. Soils having a slow infiltration rate when thoroughly wetted.
 - D. Soils having a very slow infiltration rate when thoroughly wetted.
- 6. Attachment B Stratigraphic Column. A stratigraphic column showing formations, members, and thicknesses is attached. The outcropping unit, if present, should be at the top of the stratigraphic column. Otherwise, the uppermost unit should be at the top of the stratigraphic column.
- 7. Attachment C Site Geology. A narrative description of the site specific geology including any features identified in the Geologic Assessment Table, a discussion of the potential for fluid movement to the Edwards Aquifer, stratigraphy, structure(s), and karst characteristics is attached.
- 8. Attachment D Site Geologic Map(s). The Site Geologic Map must be the same scale as the applicant's Site Plan. The minimum scale is 1": 400'

Applicant's Site Plan Scale: 1" = <u>200</u>' Site Geologic Map Scale: 1" = <u>200</u>' Site Soils Map Scale (if more than 1 soil type): 1" = <u>600</u>'

9. Method of collecting positional data:

TCEQ-0585 (Rev.02-11-15)

Global Positioning System (GPS) technology.

Other method(s). Please describe method of data collection:

- 10. The project site and boundaries are clearly shown and labeled on the Site Geologic Map.
- 11. Surface geologic units are shown and labeled on the Site Geologic Map.
- 12. Geologic or manmade features were discovered on the project site during the field investigation. They are shown and labeled on the Site Geologic Map and are described in the attached Geologic Assessment Table.

Geologic or manmade features were not discovered on the project site during the field investigation.

- 13. The Recharge Zone boundary is shown and labeled, if appropriate.
- 14. All known wells (test holes, water, oil, unplugged, capped and/or abandoned, etc.): If applicable, the information must agree with Item No. 20 of the WPAP Application Section.
 - There are $\underline{3}$ (#) 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 Chapter 76.

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

Administrative Information

15. 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.

GEOL	OGIC AS	SESSME	ENT TA	ABLE			PRO	JECT		E:		JB Stone	Quarry							
	LOCATIC	DN				FE	ATUR	E CHA	RACTE	RIS	TICS				EVAL	JUAT	ION	PHY	SICA	L SETTING
1A	1B *	1C*	2A	2B	3		4		5	5A	6	7	8A	8B	9	1	10	1	1	12
FEATURE ID	LATITUDE	LONGITUDE	FEATURE TYPE	POINTS	FORMATION	DIN	IENSIONS (F	EET)	TREND (DEGREES)	DOM	DENSITY (NO/FT)	APERTURE (FEET)	INFILL	RELATIVE INFILTRATION RATE	TOTAL	SENS	ITIVITY	CATCHMI (ACI	ENT AREA RES)	TOPOGRAPHY
						х	Y	Z		10						<40	<u>>40</u>	<1.6	<u>>1.6</u>	
S-1	30°45'00.3"	97°40'37.8"	CD	5	Ked/Kgt	1300	2312	~20	E-W	0			N,O,F	20	25	25			Х	Hillside
S-2	30°44'52.0"	97°40'42.9"	CD	5	Kgt	42	84	4	N65°E	0			O,F	5	10	10		Х		Hillside
S-3	30°44'53.5"	97°40'36.7"	MB	30	Kgt	0.5	0.5	?	-	0			N,X	5	35	35		Х		Hillside
S-4	30°44'56.6"	97°40'45.3"	MB	30	Kgt	0.5	0.5	?	-	0			N,X	5	35	35		Х		Hillside
S-5	30°44'60.0"	97°40'34.2"	MB	30	Kgt	0.5	0.5	?	-	0			N,X	5	35	35		Х		Hillside
																				Hillside
* DATUM	I: NAD 83	Only	those geo	logic and	manmade fea	tures wit	hin that a	rea of th	is assessn	nent a	re includ	ded. Therefor	e, the feat	ures may not	be numb	ered s	equen	tially.		
2A TYPE		TYPE			2B POINTS						8A	A INFILLING								
С	Cave				30		N	None,	exposed b	edro	ck									
SC	Solution cavit	ty			20		С	Coarse	e - cobbles	, bre	akdown,	, sand, grave	el							
SF	Solution-enla	rged fracture(s	s)		20		0	Loose	or soft mu	d or s	soil, orga	anics, leaves	, sticks, d	ark colors						
F	Fault	. .			20		F	Fines,	compacted	d clay	/-rich se	diment, soil	profile, gr	ay or red colo	ors					
0	Other natural	bedrock featu	ires		5		v	Vegeta	tion. Give	deta	ils in nar	rative descri	iption	-						
MB	Manmade fea	ature in bedroo	k		30		FS	Flowst	one, ceme	nts, d	cave dep	oosits								
SW	Swallow hole				30		х	Other r	naterials											
SH	Sinkhole				20															
CD	Non-karst clo	sed depressio	n		5					12	TOPOGI	RAPHY			1					
z	Zone. cluster	ed or aligned f	eatures		30		Cliff.	Hillto	ac. Hill	side	e. Dra	inage. F	labool	ain. Stre	ambe	ed				
-					00	l			. ,		, =			-,	• • • • •					-002228

I have read, I understood, and I have followed the Texas Commission on Environmental Quality's Instructions to Geologists. The information presented here complies with that document and is a true representation of the conditions observed in the field. My signature certifies that I am qualified as a geologist as defined by 30 TAC Chapter 213.

Roman C. Piredo

Date 9/14/2021

Sheet __1__ of __1__ Attachment A



TCEQ-0585-Table (Rev. 10-01-04)

JB STONE QUARRY Stratigraphic Column

System		Stratigraphic Unit	Hydrologic Unit	Approximate Maximum Thickness (ft)	Character of Rocks
		Georgetown Formation (Kgt)	Edwards Aquifer	100	Reddish-brown, gray to light tan marly limestone, <i>Waconella</i> <i>wacoensis</i>
Lower Cretaceous	s Aquifer	Edwards Limestone (Ked)	Edwards and	360	Massive, brittle, vulgar limestone and dolomite with nodular chert, gypsum, anhydrite, and solution-collapse features.
	Edward	Comanche Peak Limestone (Kc)	associated limestones	60	Fine-grained, fairly hard, nodular, fossiliferous, marly, extensively burrowed limestone.
		Walnut Formation (Kwa)		120	Hard and soft limestones, marls, clays, and shelf beds.
		Upper Member of Glen Rose Limestone (Kgru)		350	Yellowish tan, finely bedded limestone and marl

For Travis County, adjacent to county to the southwest Modified from Brune and Duffin, 1983

JB STONE QUARRY

Narrative Description of Site Geology

The overall potential for fluid migration to the Edwards Aquifer on the site is intermediate. The dominant trend for the site is N57°E, based on an average of the trends of faults within the surrounding area and from published maps (Collins, 2005). The site is located within the Georgetown Formation (Kgt) with some areas at the lowest point in the quarried pit within the Edwards Limestone (Ked).

The Kgt is characterized by reddish-brown, gray to light tan marly limestone with marker fossil *Waconella wacoensis*. K arst development does not t ypically oc cur in the Kgt due t o t hinning of 1 imestone, dolotimization and increased number of marl interbeds. The Ked is characterized by massive, brittle, vugular limestone and dolomite with nodular chert. Karst development in the Ked is characterized by solution-collapse features typically controlled by lithologic and permeability b oundaries. No caves or sinkholes were identified onsite.

Feature S-1

Feature is a non-karst closed depression/quarry pit created over time as a result of active quarrying on the site. Several areas within the quarry pit contained fine infilling and exposed limestone bedrock. Due to lack of evidence of karst development, historically ponded water, fine infilling and exposed bedrock observed at the time of the site visit, the probability for rapid infiltration is intermediate.

Feature S-2

Feature is a non-karst closed depression apparently utilized as a manmade stock tank. Due to lack of evidence of karst development, historically ponded water and fine infilling observed at the time of the site visit, the probability for rapid infiltration is low.

Features S-3, S-4 and S-5

Features are existing water wells that are currently in use. The water well casing extends approximately above the ground surface and is surrounded by a concrete slab. Due to the impervious concrete slab and well casing extending above the ground surface, the probability for rapid infiltration is low.



rev. no.	DESCRIPTI	N .	DATE		
		_			
<u>Notes:</u>					
NOTE: TO TH	THE GEOSCIENTIST	SEAL HAS BEEN	AFFIXED		
INFOR	MATION SHOULD BE DPRIATE SIGNED AN	ALL OTHER ACQUIRED FROM D SEALED CIVIL	THE		
ENGIN NOTE:	EERING DRAWINGS ONLY THOSE GEOLC	GIC AND MANMA	DE		
FEATU ASSES	RES WITHIN THAT A SMENT ARE INCLUD RES MAY NOT BE N	REA OF THIS ED. THEREFORE, JUMBERED SEOUE			
I LA IO	KES MAT NOT DE T	COMPENED SEGOL			
	LOCATI	ON MAP			
F-			15		
S	TE		R		
			m-		
		A TAA			
			L E		
		LIMITS			
		SAQUIFER RECHAR	GE ZONE		
Kg	t GEORGETO	WNFORMATION			
	d EDWARDS	FORMATION			
****	LOCATED /	APPROXIMATEL	_Y		
U D		ATED APPROXIN OWN SIDE;	IATELY		
	U,UPTHROW	N SIDE)			
	SINKHOLE				
	NON-KARST	CLOSED DEP	RESSION		
MB	MAN-MADE IN BEDROCK	FEATURE			
	Ĩ				
	w-C	} E			
		<i>V</i> –			
	S				
200	100' 0'	200*	400'		
	SCILE	*= 200*			
SIGN	ATURE/SEAL				
	STI	TEOFTETAS			
	*				
	PRO	PINEDA GEOLOGY			
CENSED ONAL CEOSC					
Koman C. Tineditin					
	FORSTER				
TBPE firm # 12385 401 MARICOPA DRIVE, CANYON LAKE, TEXAS 78133					
PHONE: (210) 289-0580 WWW.FORSTERENGINEERING.COM					
PROJECT DESCRIPTION					
JB STONE QUARRY					
WPAP MODIFICATION					
DRAWING					
GEOLOGIC SITE MAP					
DATE	09/14/2021	JOR NO 1182-20			
SCALE	1°= 200°	DRG NO			
DRAWN CHECKE	BY RCP D BY RV	ATTACHM	ENT D		



THIS DOCUMENT HAS BEEN PRODUCED FROM MATERIAL THAT WAS STORED AND/OR TRANSMITTED ELECTRONICALLY AND MAY HAVE BEEN INADVERTENTLY ALTERED. RELY ONLY ON FINAL HARDCOPY MATERIALS BEARING THE CONSULTANT'S ORIGINAL SIGNATURE AND SI

JB STONE QUARRY

References

- Ashworth, J.B., Jan 1983, <u>Ground-Water Availability of the Lower Cretaceous Formations in the Hill</u> <u>Country of South-Central Texas</u>, Texas Department of Water Resources, rept., 273, 12pp.
- Barnes, V.L., 1983, <u>Geologic Atlas of Texas, Austin Sheet</u>, Bureau of Economic Geology, The University of Texas at Austin, Texas.
- Collins, E.W., 2005, Geologic Map of the Cobbs Cavern and Georgetown Quadrangles, Texas: University of Austin, Bureau of Economic Geology, Open-File Map STATEMAP Study Area 5, scale 1:24,000.
- Federal Emergency Management Agency (FEMA), September 25, 2008, Williamson County, Texas and Incorporated areas, <u>Flood Insurance Rate Map (FIRM)</u>, Panel 48491C0125 E and 48491C0285 E, FEMA, Washington, D.C.
- Gunnar, Brune and Duffin, Gail L., 1983, <u>Occurrence, Availability, and Quality of Ground Water in</u> <u>Travis County, Texa</u>s: Texas Water Development Board Report 276, 76 pp.
- Maclay, R.W., and Small, T.A., 1976, <u>Progress report on the geology of the Edwards Aquifer, San</u> <u>Antonio Area, Texas and Preliminary Interpretation of Borehole Geophysical and Laboratory</u> <u>Data on Carbonate Rocks</u>: U.S. Geol. Survey open file rept., 76-627, 62 pp., 20 figs.
- Rose, P.R., 1972, <u>Edwards Group, Surface and Subsurface, Central Texas</u>: Bur. Econ. Geol., Rep of Invest. 74, 198 pp.
- Stein, W.G., and Ozuna, G.B., 1995, <u>Geologic Framework and Hydrogeologic Characteristics of the</u> <u>Edwards Aquifer Recharge Zone, Bexar County, Texas</u>: U.S. Geol. Survey, Water – Resources Investigations 95-4030, 8 pp., 2 figs.
- Texas Natural Resource Conservation Commission, 1999, Edwards Aquifer Recharge Zone Map, <u>Georgetown and Cobbs Cavern Quadrangles</u>, TNRCC, Garden Ridge, Texas.
- United States Department of Agriculture, 1983, Soil Survey Williamson County, Texas, USDA.
- United States Geologic Survey, 2988, (USGS), <u>Georgetown and Cobbs Cavern Quadrangle</u>, USGS. Denver, Colorado.
- Veni, George, and Associates, 1992, <u>Geologic Controls on Cave Development and the Distribution</u> <u>of Cave Fauna in the Austin, Texas, Region</u>: Report for the Texas Parks and Wildlife Department and U.S. Fish and Wildlife Service, 82 pp.

Section 5.0

MODIFICATION OF A PREVIOUSLY APPROVED PLAN



JB Stone, LLC JB Stone AST Modification 1162C-24

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 Gustomer/Agent: Ralph Voss Jr., P.E.

Date: <u>04/1</u>1/24

Signature of Gustomer/Agent:

Ralph Jon Jr.

Project Information

 Current Regulated Entity Name: J<u>B Stone Quarry</u> Original Regulated Entity Name: J<u>B Stone Quarry</u> Regulated Entity Number(s) (RN): <u>RN106</u>170103 Edwards Aquifer Protection Program ID Number(s): 11-11060703

X The applicant has not changed and the Customer Number (CN) is: CN603864844

- The applicant or Regulated Entity has changed. A new Core Data Form has been provided.
- 2. X 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;

 \square Physical modification of the approved aboveground storage tank system.

4. X 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		
Type of Development		
Number of Residential		
Lots		
Impervious Cover (acres)		
Impervious Cover (%		
Permanent BMPs		
Other		
SCS Modification	Approved Project	Proposed Modification
Summary		
Linear Feet		
Pipe Diameter		
Other		

AST Modification	Approved Project	Proposed Modification
Summary		
Number of ASTs		2
Volume of ASTs	<u>3,000 g</u> al	<u>4,000</u> gal
Other		
UST Modification	Approved Project	Proposed Modification
UST Modification Summary	Approved Project	Proposed Modification
UST Modification Summary Number of USTs	Approved Project	Proposed Modification
UST Modification Summary Number of USTs Volume of USTs	Approved Project	Proposed Modification

- 5. X 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. X 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.
 - X 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.
 - X Acreage has not been added to or removed from the approved plan.
- X 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.

Bryan W. Shaw, Ph.D., *Chairman* Buddy Garcia, *Commissioner* Carlos Rubinstein, *Commissioner* Mark R. Vickery, P.G., *Executive Director*

COPY

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution August 15, 2011

Mr. Bernardo Espinoza 500 Private Road 909 Georgetown, Texas 78633

Re: Edwards Aquifer, Williamson County

NAME OF PROJECT: J.B. Stone Quarry; 500 PR 909; Georgetown, Texas

TYPE OF PLAN: Request for Approval of an Aboveground Storage Tank (AST) Facility Plan 30 Texas Administrative Code (TAC) Chapter 213 Edwards Aquifer

Edwards Aquifer Protection Program ID No. 11-11060703; Investigation No. 944878; Regulated Entity No. RN106170103

Dear Mr. Espinoza:

The Texas Commission on Environmental Quality (TCEQ) has completed its review of the AST application for the referenced project submitted to the Austin Regional Office by Catalyst Engineering Group on behalf of Bernardo Espinoza on June 7, 2011. As presented to the TCEQ, the Temporary and Permanent Best Management Practices (BMPs) 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 must be filed no later than 23 days after the date of this approval letter. *This approval expires two (2) years from the date of this letter unless, prior to the expiration date, more than 10 percent of the construction has commenced on the project or an extension of time has been requested.*

PROJECT DESCRIPTION

The project is located over the Edwards Aquifer Recharge Zone. The proposed aboveground storage tank facility will consist of one new cylindrical U.L. 142 single walled steel tank with a 615 cubic foot containment structure designed to capture one and a half times (150%) the

TCEQ Region 11 • 2800 S. Interstate Hwy. 35, Ste. 100 • Austin, Texas 78704-5700 • 512-339-2929 • Fax 512-339-3795

Mr. Bernardo Espinoza Page 2 August 15, 2011

storage capacity of the AST. A curbed, concrete fueling pad will be constructed adjacent to the containment structure. The proposed AST Facility Plan includes the tank listed in the table below.

AST	Gallons	Tank Material	Contents of Tank
1	3,000	Steel	Diesel Fuel

In addition, two 55-gallon drums containing lubricants and oils for routine maintenance and operation of the equipment will be stored within the containment structure.

EQUIVALENT PROTECTION

All piping, hoses and dispensers will be located inside the containment structure. Spill and overfill control for each tank and piping structures will be provided by Detail spill and overfill controls, refer to Attachment "D".

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

GEOLOGY

According to the geologic assessment included with the application, the surface geologic unit is the Edwards Formation. The Edwards Formation appears light gray, often dolomitic with vuggy honeycombed textures and shallow marine fossils. The Austin Regional Office site investigation of July 1, 2011, revealed the site as described in the assessment. There were no sensitive geologic features noted in the assessment however there are two water wells (S-2 and S-3) on site and are to be utilized in the future. The AST will not be within 150 feet of either of the water wells.

SPECIAL CONDITION

I. The holder of the approved Edwards Aquifer AST must comply with all provisions of 30 TAC Chapter 213 and all best management practices and measures contained in the application.

STANDARD CONDITIONS

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

Mr. Bernardo Espinoza Page 3 August 15, 2011

3. In addition to the rules of the Commission, the applicant may also be required to comply with state and local ordinances and regulations providing for the protection of water quality.

Prior to Commencement of Construction:

- 4. Within 60 days of receiving written approval of an Edwards Aquifer Protection Plan, the applicant must submit to the Austin Regional Office, proof of recordation of notice in the county deed records, with the volume and page number(s) of the county deed records of the county in which the property is located. A description of the property boundaries shall be included in the deed recordation in the county deed records. A suggested form (Deed Recordation Affidavit, TCEQ-0625) that you may use to deed record the approved AST Facility Plan is enclosed.
- 5. All contractors conducting regulated activities at the referenced project location shall be provided a copy of this notice of approval. At least one complete copy of the approved AST Facility Plan and this notice of approval shall be maintained at the project location until all regulated activities are completed.
- 6. Prior to commencing construction, the applicant shall submit any modifications to this approved AST Facility Plan required by some other regulating authority or desired by the applicant.
- 7. Modification to the activities described in the referenced AST Facility Plan, including Attachment "E" of the AST Facility Plan application (Response Actions to Spills), following the date of approval may require the submittal of an Edwards Aquifer Protection Plan application to modify this approval. The payment of appropriate fees and all information necessary must be provided for its review and approval prior to initiating construction of the modifications.
- 8. The applicant must provide written notification of intent to commence construction, replacement, or rehabilitation of the referenced project. Notification must be submitted to the Austin Regional Office no later than 48 hours prior to commencement of the regulated activity. Written notification must include the date on which the regulated activity will commence the name of the approved plan and program ID number for the regulated activity, and the name of the prime contractor with the name and telephone number of the contact person. The executive director will use the notification to determine if the approved plan is eligible for an extension.
- 9. Temporary erosion and sedimentation (E&S) controls, i.e., silt fences, rock berms, stabilized construction entrances, or other controls described in the approved AST Facility Plan, must be installed prior to construction and maintained during construction. Temporary E&S controls may be removed when vegetation is established and the construction area is stabilized. The TCEQ may monitor stormwater discharges from the site to evaluate the adequacy of temporary E&S control measures. Additional controls may be necessary if excessive solids are being discharged from the site.
Mr. Bernardo Espinoza Page 4 August 15, 2011

10. All borings with depths greater than or equal to 20 feet must be plugged with a 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:

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

Mr. Bernardo Espinoza Page 5 August 15, 2011

activities will not resume within 21 days. When the initiation of stabilization measures by the 14th day is precluded by weather conditions, stabilization measures shall be initiated as soon as practicable.

After Completion of Construction:

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

If you have any questions or require additional information, please contact Mr. Jerrett Kramer of the Edwards Aquifer Protection Program of the Austin Regional Office at (512) 339-2929.

Sincerely, A RUMPA

Mark R. Vickery, P.G. Executive Director Texas Commission on Environmental Quality

MRV/wjk

Mr. Bernardo Espinoza Page 6 August 15, 2011

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

cc: Mr. Timothy J. Moltz, P.E., Catalyst Engineering Group Mr. Tom Benz, P.E., System Engineering Manager, City of Georgetown TCEQ Central Records

MODIFICATION OF A PREVIOUSLY APPROVED PLAN FORM TCEQ-0590 ATTACHMENT B NARRATIVE OF PROPOSED MODIFICATION

JB Stone Quarry has an active Aboveground Storage Tank (AST) Plan (TCEQ ID 11-11060703) approved in August 2011. This 2011 AST Plan grants approval for one 3,000 gallon tank with containment. However, on December 21, 2023, TCEQ representatives Mr. Frank Sanchez and Mr. Aaron Cook conducted an onsite APO Comprehensive Compliance Investigation (CCI) and observed two 2,000 gallon ASTs on site instead of the one 3,000 gallon tank. Per the TCEQ Exit Interview Form executed by Mr. Sanchez on December 22, 2023, the required corrective action for this violation is to submit an AST Modification to reflect the current and/or proposed AST configuration. This proposed AST Plan Modification has been prepared to satisfy this requirement.

Upon further analysis by Forster Engineering during the preparation of this AST Modification, it was determined that, in addition to the findings of the TCEQ investigation described above, the containment for both of the existing 2,000 gallon tanks currently on site do not meet the 150% containment requirement. Therefore, as part of this AST Modification, JB Stone proposes to replace the two existing tanks and containment structures with two new double-wall steel tanks. These two double-wall tanks will be placed side-by-side on a curbed concrete fueling pad in the same location as the tanks to be removed (see Site Plan, Attachment C, Section 5.0 and Attachment B-1, Section 6.0 of this application). The double-wall design of the two proposed tanks is intended to satisfy the secondary containment requirements for ASTs over the Edwards Aquifer Recharge Zone.



JB Stone, LLC JB Stone Quarry AST Modification 1162C-24



	DES	CRIPTION	DATE
Notes		Notes:	
1. Con	tour Data From	Capital Area Co	uncil of
Gov 2. Floo	vernments (CAP) od Data: FEMA F	Lidar, 200 lood Insurance	Rate Map
Num Num	nper 48491C028 nber 48491C012	o⊢, ettective De 5F, effective De	ec. 20, 2019, ar ec. 20, 2019.
		CATION MAP	
		WILLIAMSON CO.	
	SI	TE	5
	95	IT IT	4
			2
	29		
	GEND		
	JB STON	E QUARRY PROPE	ERTY BOUNDAR'
[]	BOL EXISTING	5' CONTOURS	
<u> </u>		25' CONTOURS	
	100 YEAF	R FLOODPLAIN	
==	EXISTING	GRAVEL ROADS	i
(EXISTIN	G WELL	
			NE)
		Ņ	
		N	
	₩<	N E	
	₩ <	N E	
200'	W <	N E S 200'	<u> 40</u> 0
200'	₩ < 100' 0'	N S S S S S S S S S S S S S S S S S S S	400
200' SIGN.	₩ < 100' 0' ATURE/SEAL	N S S 200' SCALE 1"= 200'	400
200'	₩< ۱۵۵٬ ۵٬ ATURE/SEAL	N S 200' SCALE 1"= 200'	400
200' SIGN	¥	N E S 200' SCALE 1"= 200'	400
200' SIGN	₩ < 100' 0' ATURE/SEAL	N S S S S S CALE 1"= 200' S CALE 1"= 200' S CALE 1"= 200'	400
200' SIGN	W 100' 0' ATURE/SEAL	N E S S S CALE 1"= 200' S CALE 1"= 200' RALPH VOSS S 88675 CENSE CONALEN CONALEN	400 JR.
200' SIGN	W 100' 0' ATURE/SEAL	N E S S S CALE 1"= 200' S CALE 1"= 200' RALPH VOSS 88675 CENSE CALE 1 CALOZIZZ	400
200' SIGN	W < 100' 0' ATURE/SEAL	SCALE 1"= 200' SCALE 1"= 200' RALPH VOSS	400
200' SIGN		N S S S S S S S S S S S S S S S S S S S	
200' SIGN		N SCALE 1"= 200' SCALE 1"= 200' SCALE 1"= 200' SCALE 1"= 200' SCALE 1"= 200' SCALE 1"= 200' SCALE 1"= 200'	
200' SIGN	100' 0' ATURE/SEAL ATURE/SEAL T MARICOPA DRIVE PHONE:	N SCALE 1"= 200' SCALE 1"= 200' RALPH VOSS 88675 CALPH VOSS 88575 CALPH VOSS 88575 CALPH VO	400 NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE NOTE
200' SIGN	100' 0' ATURE/SEAL ATURE/SEAL	N S 200' SCALE 1''= 200' SCALE	400 JR JR JR JR JR JR JR JR JR JR JR JR JR
200' SIGN	100' 0' 100' 0' ATURE/SEAL ATURE/SEAL T MARICOPA DRIVE PHONE: WWW.FORS	SCALE 1"= 200' SCALE	400 RING 12385 E, TEXAS 7813 80 S.COM
200' SIGN	W 100' 0' ATURE/SEAL ATURE/SEAL MARICOPA DRIVE PHONE: WWW.FORS	E S S S S S S S S S S S S S S S S S S S	400 RING 12385 E, TEXAS 7813 80 S.COM
200' SIGN	100' 0' ATURE/SEAL ATURE/SEAL T MARICOPA DRIVE PHONE: WWW.FORS	SCALE 1"= 200' SCALE	400 JR JR JR JR JR JR JR JR JR JR JR JR JR
200' SIGN	TONE OUT	N SCALE 1 [*] = 200 [°] SCALE 1 [*] = 200 [°] RALPH VOSS 88675 04/02/24 ORSTER 04/02/24 ORSTER DPE firm # 1 c, CANYON LAKE (210) 289–05. TERENGINEERING	400 RING 2385 E, TEXAS 7813 80 S.COM
200' SIGN 401 PROJI JB S AST	100 [°] 0 [°] ATURE/SEAL ATURE/SEAL MARICOPA DRIVE PHONE: WWW.FORS ECT DESCRIP TONE QUA MODIFICA	N SCALE 1"= 200' SCALE 1"= 200' SCAL	400 JR JR JR SING 2385 5, TEXAS 7813 80 5.COM
200' SIGN 401 PROJI JB S AST	100' 0' 100' 0' ATURE/SEAL ATURE/SEAL MARICOPA DRIVE PHONE: WWW.FORS T MARICOPA DRIVE PHONE: WWW.FORS	S S S S S S S S S S S S S S	400 RING 12385 E, TEXAS 7813 80 S.COM
200' SIGN SIGN 401	100' 0' ATURE/SEAL ATURE/SEAL MARICOPA DRIVE PHONE: WWW.FORS ECT DESCRIP TONE QUA MODIFICA VING RENT SITF	N S S S S S S S S S S S S S S S S S S S	400 RING 2385 E, TEXAS 7813 80 S.COM
200' SIGN 401 PROJI JB S AST DRAV CUR PROI	100' 0' 100' 0' ATURE/SEAL ATURE/SEAL ATURE/SEAL T MARICOPA DRIVE PHONE: WWW.FORS T MARICOPA DRIVE PHONE: WWW.FORS T MARICOPA DRIVE PHONE: WWW.FORS T MARICOPA DRIVE PHONE: WWW.FORS T MARICOPA DRIVE PHONE: NUME PHONE SITE PHOSED SITE PHONE SITE PHONE SITE PHOSED SITE PHONE SITE	N SCALE 1"= 200' SCALE 1"= 200' SCAL	400 400 400 400 400 400 400 400
200' 5IGN 3IGN 401 	100' 0' ATURE/SEAL ATURE/SEAL ATURE/SEAL MARICOPA DRIVE PHONE: WWW.FORS T MARICOPA DRIVE PHONE: WWW.FORS T TONE QUA MODIFICA VING RENT SITE POSED SIT	N SCALE 1"= 200' SCALE 1"= 200' SCAL	400 2385 2385 2385 2385 2385 2000 2
200' SIGN SIGN 401 PROJI JB S AST DRAV CUR PROI DATE SCALF	100' 0' 100' 0' ATURE/SEAL ATURE/SEAL ATURE/SEAL T MARICOPA DRIVE PHONE: WWW.FORS T MARICOPA DRIVE PHONE: WWW.FORS T MARICOPA DRIVE PHONE: WWW.FORS T MARICOPA DRIVE PHONE: WWW.FORS T MARICOPA DRIVE PHONE: WWW.FORS T MARICOPA DRIVE PHONE: WWW.FORS T MARICOPA DRIVE PHONE: WWW.FORS T MARICOPA DRIVE PHONE: WWW.FORS T MARICOPA DRIVE PHONE: WWW.FORS T MARICOPA DRIVE PHONE: WWW.FORS T MODIFICA	S S S S S S S S S S S S S S	400 400 400 400 400 400 400 400

Section 6.0

ABOVEGROUND STORAGE TANK FACILITY PLAN



JB Stone, LLC JB Stone AST Modification 1162C-24

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: <u>Ralph</u> Voss Jr., P.E.

Date: 04/11/24

Signature of Customer/Agent:

alph for fr.

Regulated Entity Name: JB Stone Quarry

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	Diesel Fuel	Double-wall Steel
2	2,000	Diesel Fuel	Double-wall Steel
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.
 - X 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 (For piping	g and dispensers))
---	-------------------	---

Length (L) (Ft.)	Width (W) (Ft.)	Height (H) (Ft.)	L x W x H = (Ft3)	Gallons
22.00	22.00	0.42	203.28	1,520.74

Total: 1,521 Gallons

4. X 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. X 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>Concrete & double-wall steel tanks</u>.
- 6. X Attachment B Scaled Drawing(s) of Containment Structure. A scaled drawing of the containment structure that shows the following is attached:
 - X Interior dimensions (length, width, depth and wall and floor thickness).
 - X Internal drainage to a point convenient for the collection of any spillage.
 - X Tanks clearly labeled.
 - \mathbf{X} Piping clearly labeled.
 - X Dispenser clearly labeled.

Site Plan Requirements

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

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

Site Plan Scale: 1" = <u>400</u>'.

8. 100-year floodplain boundaries:

Х] Some part(s) of the project site is located within the 100-year floodplain. The
	floodplain is shown and labeled. (Proposed AST facilities are not located in the floodplain)
	No part of the project site is located within the 100-year floodplain.

- X The 100-year floodplain boundaries are based on the following specific (including date of material) sources(s): FIRM Map no. 48491C0125F, Revised December 2019
- 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.):
 - X There are <u>3</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.
 - X 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. N/A - No major grading activities
- 13. Areas of soil disturbance and areas which will not be disturbed.
- 14. X 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. N/A
- 16. Surface waters (including wetlands).
 - X N/A
- 17. Locations where stormwater discharges to surface water or sensitive features.

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

18. X Legal boundaries of the site are shown.

Best Management Practices

19. X 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.

- |X| 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. $\overline{|X|}$ All stormwater accumulating inside the containment structure will be disposed of through an authorized waste disposal contractor.

Containment area will be covered by a roof.

X 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. X 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. X 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.

March 10, 2022 X The WPAP application for this project was approved by letter dated . A copy of the approval letter is attached at the end of this application.

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

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

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

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

24. X 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.

electronic

- 25. X 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. X 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.

ABOVEGROUND STORAGE TANK FACILITY PLAN FORM TCEQ-0575 ATTACHMENT A ALTERNATIVE METHODS OF SECONDARY CONTAINMENT

Descriptions of alternative for providing secondary containment are provided below.

The two proposed 2,000 gallon diesel tanks are double-walled steel tanks. Double-walled tanks are manufactured to contain their contents in the double-walled exterior. The tanks are plumbed from the top of the tanks to prevent free outward flow of the tank contents. For double-walled tanks, the interstitial space between the steel walls serves as secondary containment. Any leaks or discharges from the inner tank will flow into the outer wall that encloses it. Drainage from the interstices between the inner and outer tank is prevented by a drain plug in the exterior tank.

The interstitial space between the primary and secondary containers is monitored by a 2' monitoring pipe located on the exterior of the tank (see Attachment B-2, this section) and is inspected by operating personnel on a monthly basis to detect any leak of product from the tank.

Piping is aboveground and single-walled. The curbed concrete fueling pad will provide secondary containment for piping and spill control.



JB STONE QUARRY AST MODIFICATION





ATTACHMENT B-1

1163C-24

10'

2.5'

5



MATERIAL DESCRIPTION

MODEL	KEY	QTY	HORIZONTAL DW UL 142 SKID TANK
Outer Diameter		200 - 2 2	5'-5"
Outer Length			12'-3"
Capacity		<u> </u>	2,000 US Gallons Nominal
Inner Gauge		8 3	Per UL 142- 7 Gauge
Outer Gauge			Per UL 142 - 10 Gauge
Code			UL 142
Supports	A	4	Skids Full Length - 7 Gauge
Fill Opening	B	1	4" 150# Full Coupling W/Repad
Pump Opening	C	1	2" 150# Full Coupling W/Repad
Gauge Opening	D	1	2" 150# Full Coupling W/Repad
Op Vent Opening	E	1	2" 150# Full Coupling W/Repad
E-Vent Opening	F	1	6" Sch40 Nipple (Inner E-Vent) W/Repad
E-Vent Opening	G	1	6" Sch40 Nipple (Outer E-Vent)
Leak Monitor	H	1	2" Monitor Pipe (MNPT)
Lift Lug	J	2	Small Lift Lug
Remote Ga. opening	K	1	2" 150# Full Coupling W/Repad
STI Labeling	L	Set	Labeled Per UL 142

TANK SHALL BE BUILT & LABELED PER UL 142 STANDARD FOR STEEL ABOVEGROUND TANKS FOR FLAMMABLE AND COMBUSTIBLE LIQUIDS UL FILE # MH5668

Surface Prep: Brush Blast Paint: Polane White Testing: Per UL 142 Operating Pressure: Atmospheric Estimated Dry Weight: 3,750lbs

ABOVEGROUND STORAGE TANK FACILITY PLAN FORM TCEQ-0575 ATTACHMENT C EXCEPTION TO THE GEOLOGIC ASSESSMENT

A request and justification for an exception to a portion of the Geologic Assessment is provided below.

A Geologic Assessment for the JB Stone Quarry was performed on September 1, 2021 and is included in Section 4.0 of this application. No major grading or new disturbance is required for this site as a result of this AST plan.



ABOVEGROUND STORAGE TANK FACILITY PLAN FORM TCEQ-0575 ATTACHMENT D SPILL AND OVERFILL CONTROL

Descriptions of the methods to be used at the facility for spill and overfill control are provided below. Methods can include the proper transfer of fuels or chemicals from tanks into motor vehicles, and having a person present during fuel or chemical transfers.

- 1. A vendor's tank truck unloading procedures shall meet the minimum requirements and regulations established by the Department of Transportation's Regulations contained under 49 CFR 171, 173, 174, 177 and 179.
- 2. A warning sign and/or wheel chocks, shall be provided in loading/unloading areas to deter vehicles from departing before complete disconnection of oil transfer lines. It is the vendor's responsibility to ensure that a safety cone is placed before unloading and removed after disconnect is complete.
- 3. In instances where fueling/lubricating of company equipment can only occur outside of secondary containment, a spill containment kit shall be available.
- 4. The fueled/lubricated vehicle's lowermost drain plug, along with any other leak outlet, shall be examined after filling and before leaving the service area.
- 5. Delivery tankers should be inspected before and after unloading to verify quantity received. Drivers are to remain with their tankers during the entire unloading period and should never venture further than 25 feet from their vehicle during fuel transfer.
- 6. In the event the delivery driver cannot see the tank gauge, a second individual shall assist the driver to prevent overfilling the tank. Petroleum product vendors shall provide some means to clean up any incidental spillage.
- 7. Equipment operators are to remain with their equipment at all times during refueling.
- 8. Daily visual inspections consist of a complete walkthrough of the facility to check for tank damage or leakage, stained or discolored soils, excessive accumulation of precipitation within diked areas, and to ensure the containment drain valve(s) are securely closed (as applicable). Appropriate labels identifying the fluid contained in the item shall be affixed to the outside of the item in clear view.
- 9. Monthly inspections are provided for applicable ASTs. These inspections should be completed by the Plant Manager and/or other competent personnel under his supervision. Records of these inspections, along with any corrective actions taken should be maintained on-site for a continuous three (3) year period.



ABOVEGROUND STORAGE TANK FACILITY PLAN FORM TCEQ-0575 ATTACHMENT E RESPONSE ACTIONS TO SPILLS

A description of the planned response actions to spills that will take place at the facility is provided below.

- A. In the event of a discharge, appropriate actions shall be taken to contain the discharge using all available means including absorbent and/or adsorbent materials and readily available mobile equipment. Absorbent and/or adsorbent materials are kept in a readily available location. In the event of an uncontained discharge, available facility equipment shall immediately construct a containment berm down gradient from the discharge and absorb and/or adsorb the discharged material with sand, screenings, and/or other available fines that are on hand. This material shall be properly disposed of in accordance with applicable local, state and federal environmental regulations.
- B. After containing the discharge, all media (soil, water, etc.) that came into contact with oil must be collected and stored in such a way that will not continue to affect additional media. Examples of proper materials to use for cleanup include adsorbents and/or absorbents such as: aggregates fines, sand, absorbent pads, booms, socks, etc. Proper cleanup will be deemed complete when all the applicable response requirements are met on all local, state and/or federal levels.
- C. Materials that have come into contact with the discharged fluids shall be placed in a temporary staging area until proper methods of disposal can be determined. Sampling of impacted media may be required prior to determining a proper method of disposal. Determining a proper method of disposal will take into consideration all local, state and federal environmental regulatory requirements. Prior to disposal, materials that have come into contact with discharged fluids will be store in either a controlled structure, or covered with impermeable material to prevent subsequent rain events from washing the impacted materials offsite, or into the quarry pit.
- D. In the event of a leak from the tank or piping, as much of the discharge as possible shall be collected manually and stored in an appropriate container until proper disposal or reuse. Immediate action shall be taken to stop or minimize the leak rate. The remaining product in the containment area shall be cleaned up and properly disposed. Smaller containers used to collect and contain discharge from leaks will be temporarily stored inside the existing AST containment structures until they can be properly disposed. The existing containment structures have excess storage capacity which will be utilized for this contingency. Depending on the size of a potential spill within the containment structure, spilled material will be collected with absorbent materials, manually collected with buckets or containers, or mechanically collected with vacuum pump trucks. In all cases, spilled substances or impacted materials will be recycled/re-used or properly disposed in accordance with applicable regulations.



E. In the event of a tank, hose or piping failure, arrangements shall be made to empty the tank to a safe level by immediately filling all mobile equipment on the job. The products remaining in the containment shall be handled as described in Item D.



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



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

February 4, 2022 Revised March 10, 2022

Mr. Bernardo Espinoza JB Stone Quarry 520 Private Road 909 Georgetown, TX 78633

Re: Edwards Aquifer, Williamson County

NAME OF PROJECT: JB Stone Quarry; Located at 500 Private Road 909; Georgetown, Texas

TYPE OF PLAN: Request for Modification of an Approved Water Pollution Abatement Plan (WPAP-MOD); 30 Texas Administrative Code (TAC) Chapter 213 Edwards Aquifer

Edwards Aquifer Protection Program ID No. 11002725; Regulated Entity No. RN106170103

Dear Mr. Espinoza:

The Texas Commission on Environmental Quality (TCEQ) has completed its review of the WPAP-MOD for the above-referenced project submitted to the Austin Regional Office by Forster Engineering on behalf of JB Stone Quarry on October 15, 2021. Final review of the WPAP-MOD was completed after additional material was received on January 28, 2022. 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.

BACKGROUND

On August 15, 2011, a WPAP approval letter was issued for JB Stone Quarry (EAPP ID: 11-11060703). The approval was for the excavation of 53.97 acres of a 74.9-acre industrial project to a depth of 750 mean sea level (msl) with associated structures, drives, parking, three concrete lined sedimentation chambers, and a sedimentation pond. On July 9, 2014, a WPAP approval letter was issued for JB Stone Quarry #2 (EAPP ID: 11-14022704). The approval was for the excavation of an additional 27.39 acres to a depth of 720 msl. A property agreement reduced the total acreage for this plan to 10.34 acres.

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

Mr. Bernardo Espinoza Page 2 (Revised March 10, 2022)

PROJECT DESCRIPTION

The proposed project will have an area of approximately 113.1 acres. This modification includes the addition of 27.86 acres to the project boundary. Impervious cover constitutes approximately 2.6 acres (2.3 percent) within the recharge zone boundaries. The impervious cover in the recharge zone consists of haul roads, temporary stockpiles, associated maintenance shops with storage, office, scale, and sawmill.

The excavated quarry pit will take place within approximately 113.1 acres located within the recharge zone. The major activity includes excavation and grading of the quarry pit to extend to the additional 27.86 acres. This modification does not propose any changes to the final quarry pit elevation stated in the JB Stone Quarry (EAPP ID: 11-11060703) approval letter of 750 msl.

Project wastewater will be collected in the existing onsite sewage facility located by the main shop and portable toilets. All wastewater will be collected and disposed of by a TCEQ registered waste disposal service.

PERMANENT POLLUTION ABATEMENT MEASURES

A 25-ft natural vegetative buffer will be maintained along the perimeter of the property. An earthen berm composed of compacted soil and/or overburden will be maintained on the interior side of the 25-ft natural vegetative buffer of the quarry site. The earthen berm will continue to be constructed in stages, in advance of and in coordination with quarry disturbances. At the full extent of the quarry pit, the earthen berm will encircle the quarry pit. During the operational life of the quarry, the pit areas will not drain to surface waters. Upgradient storm water will be diverted around the site and onsite flows will be prevented from leaving the site.

The buffers and earthen berm are within the Edwards Aquifer recharge zone to divert, retain and treat stormwater runoff. The total suspended solids (TSS) treatment for this project is 2,236 pounds of TSS generated from approximately 2.6 acres of impervious cover. The approved measures meet the required 80 percent removal of the increased load in TSS caused by the project.

If emergency maintenance occurs or if refueling within the recharge zone must occur, appropriate protection measures will be implemented. Portable secondary containment will be utilized and will be disposed of in accordance with 30 TAC 335.

Process water management is designed and operating as a closed loop system. Process water is not commingled with accumulated stormwater or discharged offsite.

<u>GEOLOGY</u>

According to the Geologic Assessment included with the application, the surficial geologic unit underlying the site is the Georgetown Formation (Kgt) and the Edwards Limestone (Ked). There are no geologically sensitive features on site. The Austin Regional Office site assessment conducted on January 13, 2022, revealed the site to be generally as described by the Geologic Assessment.

SPECIAL CONDITIONS

- I. This modification is subject to all Special and Standard Conditions listed in the WPAP approval letter dated August 15, 2011 (EAPP ID: 11-11060703).
- II. This modification supersedes the WPAP approval letter dated July 9, 2014 (EAPP ID: 11-14022704).

- III. All sediment and/or media removed from the permanent BMP during maintenance activities shall be properly disposed of according to 30 TAC 330 or 30 TAC 335, as applicable.
- IV. All permanent pollution abatement measures, other BMPs, and measures proposed in the application or described in this letter must be maintained and operational during the life of the quarry.
- V. This approval does not authorize the construction or installation of aboveground storage tanks within the Edwards Aquifer recharge zone.

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.

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-MOD 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-MOD 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-MOD 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 non-shrink grout from the bottom of the hole to within three (3) feet of the surface. The remainder of the hole must be backfilled with cuttings from the boring. All borings less than 20 feet must be backfilled with cuttings from the boring. All borings must be backfilled or plugged within four (4) days of completion of the drilling operation. Voids may be filled with gravel.

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 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. There are three water wells on site. 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.
- 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 Ryan Soutter of the Edwards Aquifer Protection Program of the Austin Regional Office at (512) 339-2929.

Sincerely,

Lillian Butles

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

LIB/rts

Enclosures: Deed Recordation Affidavit, Form TCEQ-0625 Change in Responsibility for Maintenance of Permanent BMPs, Form TCEQ-10263

CC: Ralph Voss P.E., Forster Engineering

Section 7.0

TEMPORARY STORM WATER SECTION (NOT APPLICABLE)



JB Stone, LLC JB Stone AST Modification 1162C-24

Section 8.0

PERMANENT STORM WATER SECTION



JB Stone, LLC JB Stone AST Modification 1162C-24

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>Ralph Voss</u> Jr., P.E.

Date: 04/11/24

Signature of Customer/Agent

Ralph Jon Jr.

Regulated Entity Name: __JB Stone Quarry

Permanent Best Management Practices (BMPs)

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

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



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: _____

X 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.

X 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.
 - \mathbb{X} 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 multi-family residential developments, schools, or small business sites and has 20% or less impervious cover. A request to waive the requirements for other permanent BMPs and measures is attached.
 - The site will be used for multi-family residential developments, schools, or small business sites but has more than 20% impervious cover.
 - The site will not be used for multi-family residential developments, schools, or small business sites.
- 6. Attachment B BMPs for Upgradient Stormwater.

 A descrisurface and flow No surface and flow and flow X Perman water, g flows action 	ption of the BMPs and measures that will be used to prevent pollution of water, groundwater, or stormwater that originates upgradient from the site vs across the site is attached. Ace water, groundwater or stormwater originates upgradient from the site vs across the site, and an explanation is attached. ent BMPs or measures are not required to prevent pollution of surface groundwater, or stormwater that originates upgradient from the site and cross the site, and an explanation is attached.
7. 🗌 Attachmen	t C - BMPs for On-site Stormwater.
A descri surface pollutio Perman or groun caused	ption of the BMPs and measures that will be used to prevent pollution of water or groundwater that originates on-site or flows off the site, including n caused by contaminated stormwater runoff from the site is attached. ent BMPs or measures are not required to prevent pollution of surface water ndwater that originates on-site or flows off the site, including pollution by contaminated stormwater runoff, and an explanation is attached.
 Attachment that prevent is attached. addressed. 	D - BMPs for Surface Streams . A description of the BMPs and measures t pollutants from entering surface streams, sensitive features, or the aquifer Each feature identified in the Geologic Assessment as sensitive has been
X N/A	
9. 🛛 The applica maintain flo assessment	nt understands that to the extent practicable, BMPs and measures must bw to naturally occurring sensitive features identified in either the geologic , executive director review, or during excavation, blasting, or construction.
 The per feature abatem Attachn sensitive reasona 	manent sealing of or diversion of flow from a naturally-occurring sensitive that accepts recharge to the Edwards Aquifer as a permanent pollution ent measure has not been proposed. nent E - Request to Seal Features . A request to seal a naturally-occurring e feature, that includes, for each feature, a justification as to why no ble and practicable alternative exists, is attached.
10. Attachmen the propose direct supe dated. The	t F - Construction Plans . All construction plans and design calculations for ed permanent BMP(s) and measures have been prepared by or under the rvision of a Texas Licensed Professional Engineer, and are signed, sealed, and plans are attached and, if applicable include:
Design of TCEQ co	alculations (TSS removal calculations) Instruction notes Ogic features osed structural BMP(s) plans and specifications
X N/A	

11. 🗌 A ii n	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
XN	N/A
12. 🗌 A r p	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.
XN	N/A
13. A o a a c b d	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.

X N/A

Responsibility for Maintenance of Permanent BMP(s)

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

14. 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.

X 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.

X N/A

Section 9.0

AGENT AUTHORIZATION FORM



JB Stone, LLC JB Stone AST Modification 1162C-24

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

I	Bernardo Espinoza	,
	Print Name [*]	
	Owner/Operator	,
	Title - Owner/President/Other	
of	JB Stone, LLC	,
	Corporation/Partnership/Entity Name	
have authorized	Ralph Voss Jr., P.E	
	Print Name of Agent/Engineer	
of	Forster Engineering	
	Print Name of Firm	

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

I also understand that:

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

SIGNATURE PAGE:

Applicant's Signature ESPINAL

prul 4 2024

THE STATE OF 605 § County of Nillions

BEFORE ME, the undersigned authority, on this day personally appeared **Bernards Econords Econords** nown 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 4 day of poril ,2024



NOTARY PUBLIC

Typed or Printed Name of Notary

MY COMMISSION EXPIRES: 04 04 2037

Section 10.0

APPLICATION FEE FORM AND FEE



JB Stone, LLC JB Stone AST Modification 1162C-24

Application Fee Form

Texas Commission on Environme	ental Quality			
Name of Proposed Regulated Ent	ity: <u>JB Sto</u> ne Quarry			
Regulated Entity Location: 520 Pr	ivate Road 909, George	etown, TX		
Name of Customer:Bernardo Esp	pinoza	,		
Contact Person: Bernardo Espino	oza Phor	ne: <u>512-63</u> 9-73	56	
Customer Reference Number (if i	ssued):CN <u>60386</u> 4844			
Regulated Entity Reference Numl	ber (if issued):RN <u>10617</u>	0103		
Austin Regional Office (3373)				
Hays	Travis		XW	illiamson
San Antonio Regional Office (336	52)			
Bexar	Medina		ΠUν	valde
 Comal	 Kinney			
Application fees must be paid by	check, certified check, o	or money orde	er, payab	le to the Texas
Commission on Environmental C	uality. Your canceled o	heck will serv	e as you	r receipt. This
form must be submitted with yo	ur fee payment. This p	ayment is beir	ng submi	itted to:
Austin Regional Office	S	an Antonio Re	gional O	office
X Mailed to: TCEQ - Cashier (via	a epay system) 🔲 C	Vernight Deliv	very to: 1	rceQ - Cashier
Revenues Section	1	2100 Park 35	Circle	
Mail Code 214	В	Building A, 3rd	Floor	
P.O. Box 13088	Д	ustin, TX 7875	53	
Austin, TX 78711-3088	(!	512)239-0357		
Site Location (Check All That App	oly):			
X Recharge Zone	Contributing Zone	Γ	Transi	tion Zone
Type of Pla	ın	Size		Fee Due
Water Pollution Abatement Plan,	Contributing Zone			
Plan: One Single Family Residenti	al Dwelling		Acres	\$
Water Pollution Abatement Plan,	Contributing Zone			
Plan: Multiple Single Family Resid	lential and Parks		Acres	\$
Water Pollution Abatement Plan,	Contributing Zone			
Plan: Non-residential			Acres	\$
Sewage Collection System			L.F.	\$
Lift Stations without sewer lines			Acres	\$
Underground or Aboveground St		•	Tanks	\$ 1.300
	orage Tank Facility	2	Taliks	+ =)===
Piping System(s)(only)	orage Tank Facility	2	Each	\$
Piping System(s)(only) Exception	orage Tank Facility	2	Each Each	\$ \$
Piping System(s)(only) Exception Extension of Time	orage Tank Facility	2	Each Each Each Each	\$ \$ \$ \$

Signature: Kalpl Jon Jr.

Date: 04/30/24

Application Fee Schedule

Texas Commission on Environmental Quality

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

Water Pollution Abatement Plans and Modifications

Contributing Zone Plans and Modifications

Project	Project Area in Acres	Fee
One Single Family Residential Dwelling	< 5	\$650
Multiple Single Family Residential and Parks	< 5	\$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

Section 11.0

CORE DATA FORM



JB Stone, LLC JB Stone AST Modification 1162C-24


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) Image: Core Data Form should be submitted with the renewal form)							
2. Customer Reference Number (if issued)	Follow this link to search	3. Regulated Entity Reference Number (if issued)					
CN 603864844	<u>Central Registry**</u>	RN 106170103					

SECTION II: Customer Information

4. General Customer Information	General Customer Information 5. Effective Date for Customer Information Updates (mm/dd/yyyy)					
New Customer U Change in Legal Name (Verifiable with the Tex	pdate to Customer Information kas Secretary of State or Texas Comp	Chang Chang Chang Chang	e in Regulated Enti Accounts)	ity Owner	ship	
The Customer Name submitted here may l (SOS) or Texas Comptroller of Public Accou	be updated automatically based Ints (CPA).	d on what is cui	rrent and active	with the	e Texas Secre	tary of State
6. Customer Legal Name (If an individual, print last name first: eg: Doe, John) <u>If new Customer, enter previous Customer below:</u>					<u>r below:</u>	
JB STONE, LLC						
7. TX SOS/CPA Filing Number		9. Federal Tax ID 10. (9 digits) app		10. DUNS N applicable)	lumber (if	
11. Type of Customer:	11. Type of Customer:				ship: 🗌 Gene	eral 🗌 Limited
Government: 🗌 City 🗌 County 🗋 Federal 🗌	Local 🔲 State 🗌 Other	Sole Pro	oprietorship	🗌 Othe	er:	
12. Number of Employees			13. Independen	tly Own	ed and Ope	rated?
0-20 21-100 101-250 251-500 501 and higher Yes No						
14. Customer Role (Proposed or Actual) – as i	t relates to the Regulated Entity liste	ed on this form. Pl	lease check one of	the follow	ving	
Owner Operator Owner & Operator Occupational Licensee Responsible Party VCP/BSA Applicant						
15. Mailing						
Address						
City	State	ZIP			ZIP + 4	
16. Country Mailing Information (if outside	17. E-Mail Add	dress (if applicable	2)			
18. Telephone Number	19. Extension or Co	ode	20. Fax N	umber (ij	f applicable)	

)

(-)

SECTION III: Regulated Entity Information

21. General Regulated Entity Information (If 'New Regulated Entity" is selected, a new permit application is also required.)								
New Regulated Entity Update to Regulated Entity Name Update to Regulated Entity Information								
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.)								
JB STONE QUARRY								
23. Street Address of the Regulated Entity:								
(No PO Boxes)	City		State	z	IP		ZIP + 4	
24. County								
		If no Stre	et Address is provi	ded, fields 25-2	8 are requi	red.		
25. Description to								
Physical Location:								
26. Nearest City	1				Sta	ate	Nea	rest ZIP Code
Latitude/Longitude are r used to supply coordinat	equired and es where no	may be addea ne have been p	l/updated to meet provided or to gain	TCEQ Core Data accuracy).	a Standards.	. (Geocoding of the	Physical J	Address may be
27. Latitude (N) In Decim	al:	30.748888		28. Long	itude (W) Ir	n Decimal:	-97.67527	7
Degrees	Minutes		Seconds	Degrees		Minutes		Seconds
30		44	56		-97	40		31
29. Primary SIC Code	30.	Secondary SIC	Code			22 6		
(A digits)				31. Primary N	IAICS Code	32. Secon	dary NAIC	S Code
(4 digits)	(4 d	igits)		31. Primary N (5 or 6 digits)	IAICS Code	32. Secon (5 or 6 digi	ts)	S Code
1411	(4 d	igits)		31. Primary N (5 or 6 digits) 212311	IAICS Code	(5 or 6 digi	ts)	S Code
1411 33. What is the Primary B	(4 d Business of t	igits) his entity? (D	Po not repeat the SIC c	31. Primary N (5 or 6 digits) 212311 or NAICS description	IAICS Code	32. Secon (5 or 6 digi	ts)	S Code
1411 33. What is the Primary E	(4 d Business of t	igits) his entity? (C	to not repeat the SIC c	31. Primary N (5 or 6 digits) 212311 or NAICS description	on.)	32. Secon (5 or 6 digi	ts)	S Code
1411 33. What is the Primary E	(4 d Business of t	igits) his entity? (C	to not repeat the SIC c	31. Primary N (5 or 6 digits) 212311 or NAICS description	on.)	32. Secon (5 or 6 digi	ts)	S Code
1411 33. What is the Primary B 34. Mailing	(4 d Business of t	igits) his entity? (D	to not repeat the SIC c	31. Primary N (5 or 6 digits) 212311 or NAICS description	on.)	32. Secon (5 or 6 digi	ts)	S Code
1411 33. What is the Primary E 34. Mailing Address:	(4 d Business of t	igits) his entity? (D	to not repeat the SIC of State	31. Primary N (5 or 6 digits) 212311 or NAICS description	ZIP	32. Secon (5 or 6 digi	zip + 4	S Code
1411 33. What is the Primary E 34. Mailing Address: 35. E-Mail Address:	(4 d Business of t	igits) his entity? (C	o not repeat the SIC c	31. Primary N (5 or 6 digits) 212311 or NAICS description	ZIP	32. Secon (5 or 6 digi	ZIP + 4	S Code
1411 33. What is the Primary B 34. Mailing Address: 35. E-Mail Address: 36. Telephone Number	(4 d	igits) his entity? (D	o not repeat the SIC of State 37. Extension or	31. Primary N (5 or 6 digits) 212311 or NAICS description	ZIP	32. Secon (5 or 6 digi	ZIP + 4	S Code

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

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

SECTION IV: Preparer Information

40. Name:	RALPH VOSS JR., P.E.			41. Title:	PROJECT ENGINEER	
42. Telephone	Number	43. Ext./Code	44. Fax Number	45. E-Mail Address		
(210)289-0580			() N/A-	RVOSS@FOR	STERENGINEERING.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:	FORSTER ENGINEERING	ENGINEER			
Name (In Print):	RALPH VOSS JR.	Phone:	(210) 289- 0580		
Signature:	Ralph For Jr.			Date:	04/30/24