WESTWARD
Environmental. Engineering. Natural Resources.

January 3, 2025

Project No. 10853-270

Sarah Patterson
TCEQ Edwards Aquifer Protection Program
14250 Judson Road
San Antonio, Texas 78233
Sarah.patterson@tceq.texas.gov

Subject: Response to Comments – Administrative NOD
Asphalt Inc.
WPAP – Ronald Reagan Quarry
Georgetown, Williamson County, Texas

Dear Ms. Patterson,

Westward Environmental, Inc. (WESTWARD) has been retained by Asphalt Inc. (the applicant) to complete and submit a WPAP Application related to a quarry facility at the approximately 164-acre site located off Ronald Reagan Boulevard, Georgetown, Williamson County, Texas, hereafter referred to as the subject area. On behalf of the applicant, WESTWARD is submitting this Response to Comments addressing the NOD comments e-mail dated December 9, 2021.

Comment 1: Site is defined as the entire area included within the legal boundaries of the property as described on the Williamson CAD Map. If legal boundaries have changed, please include documentation from the county within the revised application. If proposing Metes and Bounds, include a RPLS sealed and signed survey within the revised application. If not, please update information throughout the application to reflect the acreage as described on Williamson CAD Map.

Response 1: Please see attached Boundary Exhibit including a metes and bounds, RPLS sealed and signed survey.

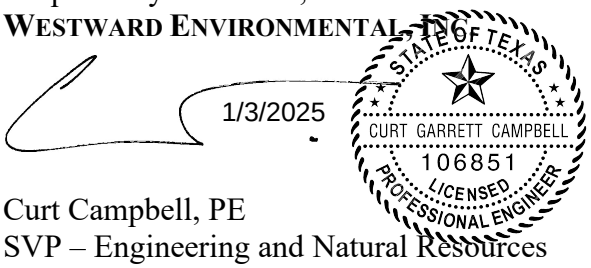
Permanent Stormwater Section (TCEQ-0600)

Comment 2: Attachment F - Construction Plans - TSS removal calculations are missing and must be included.

Response: Please see attached TSS calculations. Please note this is a quarry and all TSS generated will be contained onsite in the quarry pit.

WESTWARD serves as the technical representative for Asphalt Inc. on this project. Please ensure that WESTWARD is copied on all correspondence. If you have any questions regarding this notification, please contact our office.

Respectfully submitted,
WESTWARD ENVIRONMENTAL, INC.



Curt Campbell, PE
SVP – Engineering and Natural Resources
TX License No. 106851 | TX Firm No. 4524

Attachments:
Boundary Exhibit
TSS Calculations

DILLO DEV
engineering | surveying | planning

WATER POLLUTION ABATEMENT PLAN BOUNDARY
METES AND BOUNDS DESCRIPTION

BEING a **163.736 acre** tract or parcel of land situated in the J.A.F. Graves Survey Number 7, Abstract Number 244, Williamson County, Texas, and said tract being all of a called 117.018 acre tract of land described as Tract 3 and part of a called 365.991 acre tract of land described as Tract 1 described in a Warranty Deed to Asphalt Inc. as recorded in Document Number 2023097800, Official Public Records, Williamson County, Texas, and said tract being more particularly described by metes and bounds as follows:

COMMENCING at the southeast corner of said Tract 1, the south corner of a called 7.00 acre tract described in a Deed to Cynthia Diane Reid as recorded in Document Number 9927081, Official Public Records, Williamson County Texas, said point being in the northwest line of Ronald W. Reagan Boulevard (also known as County Road 239);

THENCE (N 19°00'00" W) (parenthesis denotes record bearings and distances from said Document Number 2023097800 hereafter) following the common line of said Tract 1 and said 7.00 acre tract, and the west line of a called 30.862 acre tract described in a deed to Cynthia Diane Reid as recorded in Document Number 2011075993, Official Public Records, Williamson County, Texas for a distance of **1,141.26 feet** to the south corner of said Tract 3 and the west corner of said 30.862 acre tract, and said point being the **POINT OF BEGINNING**;

THENCE departing the northeast line of said Tract 1, over and across said Tract 1 the following nine (9) courses and distances:

1) **South 56°14'44" West** for a distance of **61.97 feet** to a point for corner;
2) **North 21°56'49" West** for a distance of **1283.12 feet** to a point for corner;
3) **North 43°20'41" West** for a distance of **847.97 feet** to a point for corner;
4) **North 40°06'51" West** for a distance **of 414.23 feet** to a point for corner;
5) **North 44°03'07" West** for a distance of **512.08 feet** to a point for corner;
6) **North 03°30'31" West** for a distance of **364.68 feet** to a point for corner;
7) **North 32°23'37" West** for a distance of **491.90 feet** to a point for corner;
8) **North 52°53'31" West** for a distance of **566.15 feet** to a point for corner;
9) **North 71°24'03" East** for a distance of **464.99 feet** to a northeast corner of said Tract 1 and the southwest corner of a called 269.45 acre tract of land described described in a Deed to CSR Ranches, LP as recorded in Document Number 2022131372, Official Public Records, Williamson County, Texas;

THENCE following the common line of said Tract 1 and said 269.45 acre tract, the following two (2) courses and distances:

1) **(North 71°24'03" East)** for a distance of **(271.74) feet** to a point for corner;
2) **(North 72°18'08" East)** for a distance of **(437.17 feet)** to a northeast corner of said Tract 1 and the northwest corner of said Tract 3;

Dillo Development Services, LLC
info@dillodev.com
TBPELS Firm No. F-22833 and 10194711
(830) 282-0333

THENCE following the common line of said Tract 3 and said 269.45 acre tract the following three (3) courses and distances**:**

1) **(North 72°17'30" East)** for a distance of **(186.38 feet)** to a point for corner;
2) **(North 60°26'30" East)** for a distance of **(13.17 feet)** to a point for corner;
3) **(North 71°35'00" East)** for a distance of **(1,075.88 feet)** to the north corner of said Tract 3 and the northwest corner of a called 95.34 acre tract described as Tract 2 in a Deed to CSR Ranches, LP as recorded in Document Number 2022131372, Official Public Records, Williamson County, Texas;

THENCE (South 19°00'00" East) departing the southeast line of the said 269.45 acre tract and following the common line of said Tract 3 and said 95.34 acre tract for a distance of (**3,799.90 feet)** to the southeast corner of said Tract 3;

THENCE departing the southwest line of said 95.34 acre tract and following the common line of said Tract 3 and said 30.862 acre tract the following two (2) courses and distances**:**

1) **(South 51°23'49" West)** for a distance of **(284.87 feet)** to a point for corner;
2) **(South 56°14'44" West)** for a distance of **(1,041.07 feet)** to the **POINT OF BEGINNING** and containing an area of **163.736 acres** of land more or less.

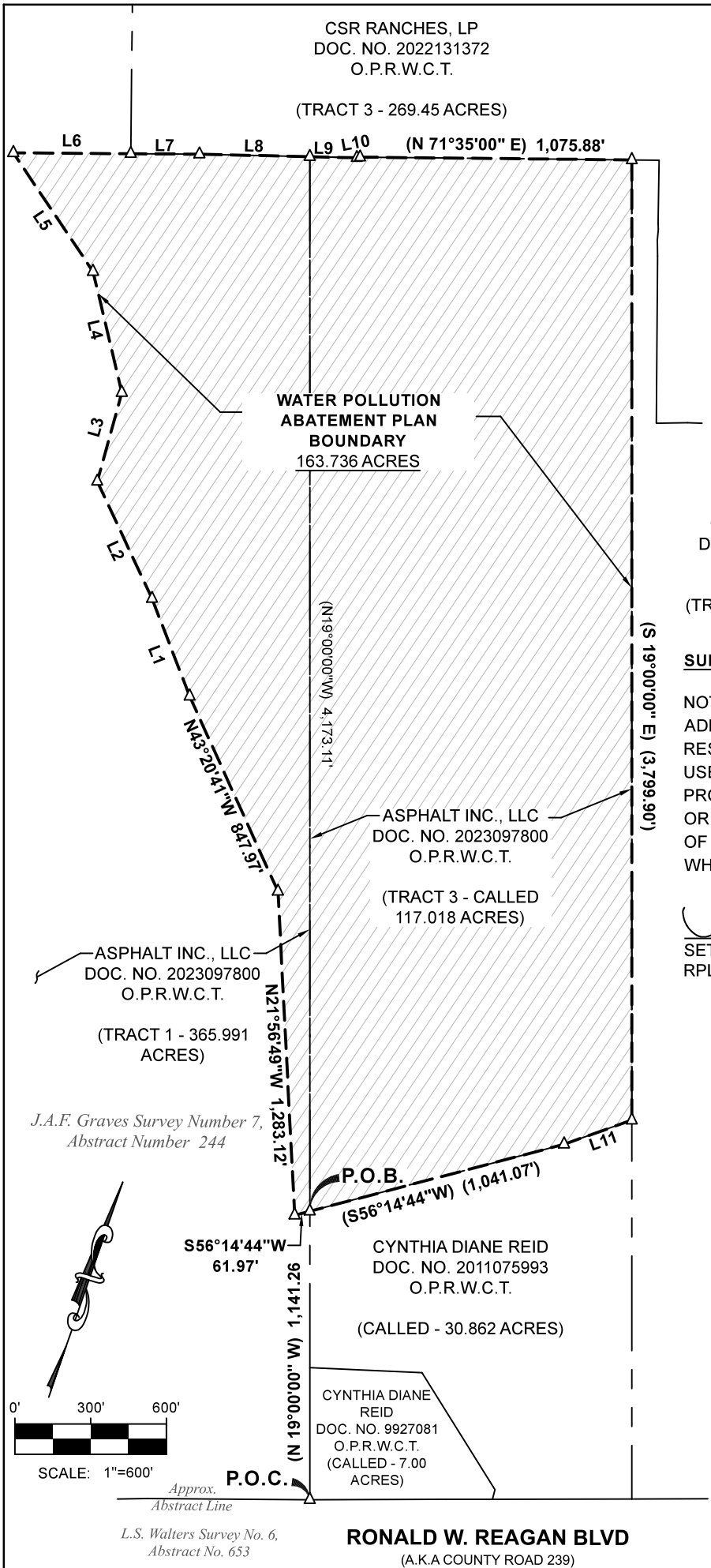
Note: This document was prepared under 22 Texas Administrative Code §138.95, does not reflect the results of an on the ground survey, and is not to be used to convey or establish interests in real property except those rights and interests implied or established by the creation or reconfiguration of the boundary of the political subdivision for which it was prepared.

Distances are in U.S. Survey Feet. This description to accompany a map or plat of like date.

November 6, 2024

Seth Reichenau, RPLS No. 6735
DD Job No. 24115

Dillo Development Services, LLC
info@dillodev.com
TBPELS Firm No. F-22833 and 10194711
(830) 282-0333



LEGEND

O.P.R.W.C.T.	OFFICIAL PUBLIC RECORDS, WILLIAMSON COUNTY, TEXAS
DOC. NO.	DOCUMENT NUMBER
( )	RECORD INFORMATION DOC. NO. 2023097800
△	CALCULATED POINT

LINE TABLE

LINE	BEARING	DISTANCE
L1	N 40°06'51" W	414.23'
L2	N 44°03'07" W	512.08'
L3	N 03°30'31" W	364.68'
L4	N 32°23'37" W	491.90'
L5	N 52°53'31" W	566.15'
L6	N 71°24'03" E	464.99'
L7	(N 71°24'03" E)	(271.74')
L8	(N 72°18'08" E)	(437.14')
L9	(N 72°17'30" E)	(186.38')
L10	(N 60°26'30" E)	(13.17')
L11	(S 51°23'49" W)	(284.87')

CSR RANCHES, LP
DOC. NO. 2022131372
O.P.R.W.C.T.

(TRACT 2 - 95.34 ACRES)

SURVEYOR'S CERTIFICATION

NOTE: THIS DOCUMENT WAS PREPARED UNDER 22 TEXAS ADMINISTRATIVE CODE §138.95, DOES NOT REFLECT THE RESULTS OF AN ON THE GROUND SURVEY, AND IS NOT TO BE USED TO CONVEY OR ESTABLISH INTERESTS IN REAL PROPERTY EXCEPT THOSE RIGHTS AND INTERESTS IMPLIED OR ESTABLISHED BY THE CREATION OR RECONFIGURATION OF THE BOUNDARY OF THE POLITICAL SUBDIVISION FOR WHICH IT WAS PREPARED.

SETH REICHENAU NOVEMBER 6, 2024
RPLS NO. 6735

STATE OF TEXAS
REGISTERED
SETH P. REICHENAU
6735
PROFESSIONAL LAND SURVEYOR

WATER POLLUTION ABATEMENT PLAN
BOUNDARY EXHIBIT
163.736 ACRES

SITUATED IN THE J.A.F. GRAVES SURVEY NO. 7, ABSTRACT NO. 244, WILLIAMSON COUNTY, TEXAS

SURVEYOR
DILLO DEV
engineering | surveying | planning
Contact: Seth Reichenau, RPLS
Tel: (830) 282-0333 Email: Info@DilloDev.com
Address: 967 Broadway, New Braunfels, TX 78130
TX Engineering Firm No. F-22833 JOB NO. 24115
TX Surveying Firm No. 10194711 SHEET 3 OF 3

Asphalt Inc., LLC

Water Pollution Abatement Plan
(WPAP)

Ronald Reagan Quarry East
Ronald Reagan Blvd.
Georgetown, TX
Williamson County

Submitted to: TCEQ Region 11, Austin

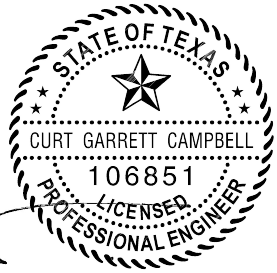
Prepared By:

WESTWARD
Environmental. Engineering. Natural Resources.

Boerne, Texas
830-249-8284

Date: November 2024

Project No. 10853-270
-NMS-



Signature: _____
Curt G. Campbell, PE - License No. 106851
TX PE Firm No. 4524
Date: 11/20/2024

Water Pollution Abatement Plan Checklist

- **Edwards Aquifer Application Cover Page (TCEQ-20705)**
- **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)

- **Water Pollution Abatement Plan Application Form (TCEQ-0584)**

  Attachment A - Factors Affecting Surface Water Quality
  Attachment B - Volume and Character of Stormwater
  Attachment C - Suitability Letter from Authorized Agent (if OSSF is proposed)
  Attachment D - Exception to the Required Geologic Assessment (if requested)
  Site Plan

- **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

- **Permanent Stormwater Section (TCEQ-0600)**

  Attachment A - 20% or Less Impervious Cover Waiver (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 proposed)
  Attachment I -Measures for Minimizing Surface Stream Contamination

- **Agent Authorization Form (TCEQ-0599), if application submitted by agent**
- **Application Fee Form (TCEQ-0574)**
- **Check Payable to the "Texas Commission on Environmental Quality"**
- **Core Data Form (TCEQ-10400)**

Texas Commission on Environmental Quality

Edwards Aquifer Application Cover Page

Our Review of Your Application

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

Administrative Review

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

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

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

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

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

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

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

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

Technical Review

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

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

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

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

Mid-Review Modifications

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

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

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

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

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

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

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

1. Regulated Entity Name: Ronald Reagan Quarry						**2. Regulated Entity No.:** 105532782			
3. Customer Name: Asphalt Inc., LLC						**4. Customer No.:** 604722728			
5. Project Type: **(Please circle/check one)**	New		Modification			Extension		Exception	
6. Plan Type: **(Please circle/check one)**	WPAP	CZP	SCS	UST	AST	EX	EXT	Technical Clarification	Optional Enhanced Measures
7. Land Use: **(Please circle/check one)**	Residential		Non-residential			**8. Site (acres):**			~164
9. Application Fee:	$10,000		**10. Permanent BMP(s):**			Earthen berms, veg. buffers			
11. SCS (Linear Ft.):	N/A		**12. AST/UST (No. Tanks):**			N/A			
13. County:	Williamson		**14. Watershed:**			Berry Creek			

Application Distribution

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

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

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

Austin Region			
County:	**Hays**	**Travis**	**Williamson**
Original (1 req.)	___	___	_X_
Region (1 req.)	___	___	_X_
County(ies)	___	___	_X_
Groundwater Conservation District(s)	___Edwards Aquifer Authority ___Barton Springs/ Edwards Aquifer ___Hays Trinity ___Plum Creek	___Barton Springs/ Edwards Aquifer	NA
City(ies) Jurisdiction	___Austin ___Buda ___Dripping Springs ___Kyle ___Mountain City ___San Marcos ___Wimberley ___Woodcreek	___Austin ___Bee Cave ___Pflugerville ___Rollingwood ___Round Rock ___Sunset Valley ___West Lake Hills	___Austin ___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 ___ Comal Trinity	___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 ___ San Antonio	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. Curt G. Campbell, P.E. TX License No. 106851 | TX Firm No. 4524
Print Name of Customer/Authorized Agent
Signature of Customer/Authorized Agent 11/20/2024 Date

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

Article I. 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.

Section 1.01 Signature

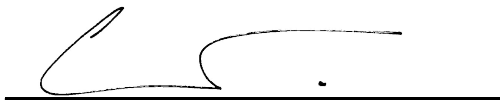
To the best of my knowledge, the responses to this form accurately reflect all information requested concerning the proposed regulated activities and methods to protect the Edwards Aquifer. This **General Information Form** is hereby submitted for TCEQ review. The application was prepared by:

Print Name of Customer/Agent: Curt G. Campbell, P.E.

TX License No. 106851 | TX Firm No. 4525

Date: 11/20/2024

Signature of Customer/Agent:



Section 1.02 Project Information

1. Regulated Entity Name: Ronald Reagan Quarry East
2. County: Williamson
3. Stream Basin: Brazos
4. Groundwater Conservation District (If applicable): N/A
5. Edwards Aquifer Zone:

   ☒ Recharge Zone
   ☐ Transition Zone

6. Plan Type:

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

7. Customer (Applicant):

   Contact Person: Thomas Playfair
   Entity: Asphalt Inc., LLC
   Mailing Address: 11675 Jollyville Rd #201
   City, State: Austin, TX Zip: 78759

   Telephone: (512) 428-5778 FAX:

   Email Address: thomas@lspaving.com

8. Agent/Representative (If any):

   Contact Person: Curt Campbell
   Entity: Westward Environmental, Inc.
   Mailing Address: 4 Shooting Club Rd.

   City, State: Boerne, TX Zip: 78006

   Telephone: 830-249-8284 FAX: _____

   Email Address: ccampbell@westwardenv.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 Georgetown.
   ☐ The project site is not located within any city's limits or ETJ.

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

    From Georgetown, travel west on SH 195 for approximately 6 miles and turn right on CR 239. Site is on the left approximately 1.5 miles east of the intersection of SH 195 and CR 239.

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

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

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

13. ☒ **The TCEQ must be able to inspect the project site or the application will be returned**. Sufficient survey staking is provided on the project to allow TCEQ regional staff to locate

the boundaries and alignment of the regulated activities and the geologic or manmade features noted in the Geologic Assessment.

☒ Survey staking will be completed by this date: 11/30/23

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

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

15. Existing project site conditions are noted below:

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

Section 1.03 Prohibited Activities

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

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

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

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

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

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

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

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

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

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

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

Section 1.04 Administrative Information

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

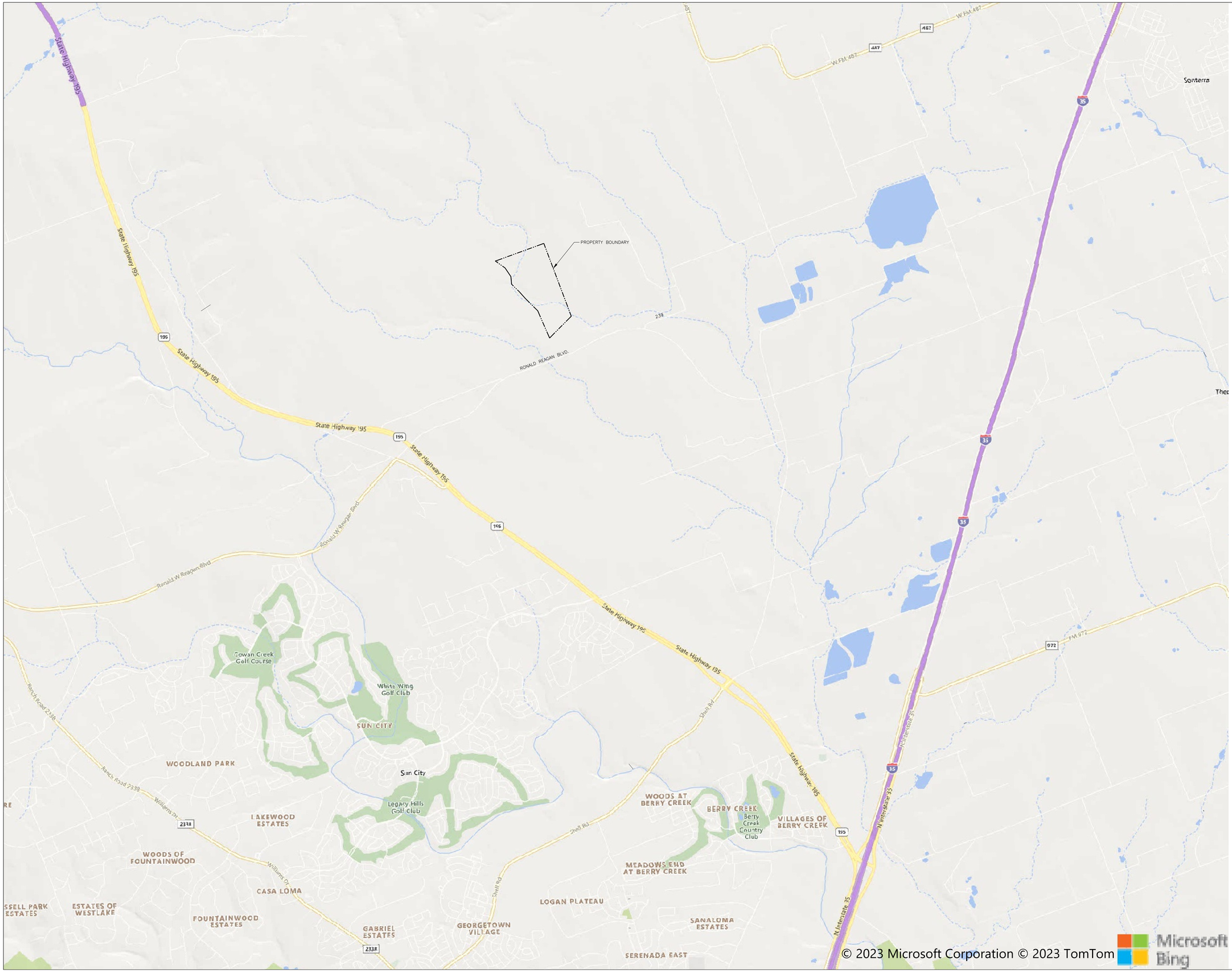
☒ For a Water Pollution Abatement Plan or Modification, the total acreage of the site where regulated activities will occur.
☐ For an Organized Sewage Collection System Plan or Modification, the total linear footage of all collection system lines.
☐ For a UST Facility Plan or Modification or an AST Facility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

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

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

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

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



N

0 1000 2000 4000

SCALE: 1" = 2,000'

LEGEND

PROPERTY LINE

IMAGE:	N/A
ISSUE DATE:	10/22/2024
DRAWN BY:	NMS
CHECKED BY:	CGC
SCALE: 1" =	2000'
JOB NO.:	10853-270

SHEET NO.: **1** OF 6

WESTWARD
Environmental, Engineering, Natural Resources.
P.O. Box 2205 Boerne, Texas 78006
(830) 249-8284 Fax: (830) 249-0221
TBPE REG. NO.: F-4524
TBPG REG. NO.: 50112

REV	DESCRIPTION	BY	DATE

STATE OF TEXAS
CURT GARRETT CAMPBELL
106851
LICENSED
PROFESSIONAL ENGINEER

Curt G. Campbell, P.E.
License No. 106851
11/20/2024

ROAD MAP

WPAP – RONALD REAGAN QUARRY EAST
ASPHALT INC., LLC
RONALD REAGAN BLVD, GEORGETOWN, TX

N

0 1000 2000 4000

SCALE: 1" = 2,000'

LEGEND

PROPERTY LINE
FLOW LINE
RECHARGE BOUNDARY

IMAGE: N/A	
ISSUE DATE:	11/20/2024
DRAWN BY:	NMS
CHECKED BY:	CGC
SCALE: 1" =	2,000'
JOB NO.:	10853-270

SHEET NO.:

2

OF 6

WESTWARD
Environmental. Engineering. Natural Resources.
P.O. Box 2205 Boerne, Texas 78006
(830) 249-8284 Fax: (830) 249-0221
TBPE REG. NO.: F-4524
TBPG REG. NO.: 50112

REV.	DESCRIPTION	BY	DATE

STATE OF TEXAS
CURT GARRETT CAMPBELL
106851
LICENSED
PROFESSIONAL ENGINEER

11/21/2024

Curt G. Campbell, P.E.
License No. 106851

USGE MAP

WPAP – RONALD REAGAN QUARRY EAST
ASPHALT INC., LLC
RONALD REAGAN, GEORGETOWN, TX

Asphalt Inc., LLC
Ronald Reagan Quarry East

General Information Form Attachment A

Road Map

Please see attached the Road Map

General Information Form Attachment B

USGS / Edwards Recharge Zone Map

Please see attached USGS / Edwards Recharge Zone Map.

General Information Form Attachment C

Project Description

Asphalt Inc., LLC proposes to expand a limestone quarry on their approximately 164-acre property located on Ronald Reagan Blvd, Georgetown, Williamson County, Texas. The proposed development will function as an expansion of the adjacent, existing Asphalt Inc., LLC quarry, which currently operates under a separate WPAP (EAPP ID 11000443 approved on February 13, 2017). The subject site is largely undeveloped and has previously been used for agricultural purposes. During its agricultural use, some clearing was conducted and unpaved ranch roads were established; these ranch roads may continue to be used by Asphalt Inc., LLC agricultural activities will continue on-site and may include selective land clearing.

Quarry activities will begin in the western portion of the site, clearing and removing overburden in an area of 10 or more acres at a time. The overburden will be used to establish temporary earthen berms around the initial pit area (see Interim Conditions plan sheet). Until the pit is of sufficient size, runoff from cleared areas will be directed to a combination of temporary BMPs, including temporary earthen berms and/or silt fence, as discussed in the Temporary Stormwater Section.

The site will be accessible from the west via Asphalt Inc., LLC's adjacent operation. This access will utilize an existing on-grade crossing of Cobbs Spring Branch, as well as a proposed raised crossing, to be installed as described below. The temporary earthen berms, filter strips, and silt fencing will be inspected and maintained in accordance with the Temporary Stormwater Section of this plan. As quarry operations expand, areas of more than 10-acres of common drainage may be disturbed at a time, however these areas will be contained within temporary earthen berms, which will expand with the operation up to the Final Earthen Berm (as shown on the Final Conditions Map). The quarry pit(s) proposed under this WPAP are an extension of the previously approved quarry operation on the adjacent property to the west, therefore all significant construction for this operation is already complete, and all imperatives under 30 TAC 213.4(h) & 30 TAC 213.4(h)(3) have been met.

When the pit is of sufficient size, stockpiles may be stored in the pit. Excavated material will be transported to the adjacent quarry for processing, however, processing equipment may be moved to any location within the pit depending on the current operational needs. Additional structures such as a vehicle maintenance shop, fueling areas, office or other buildings may be constructed and/or relocated within the pit in the future to meet operational needs. All runoff from these structures will be fully contained within the pit and therefore they are not calculated as regulated impervious cover requiring stormwater treatment.

The USGS blue line, Cobbs Spring Branch, is mapped running roughly north to southeast through the site. While FEMA has mapped much of the area as Zone A 100-year floodplain, Westward has performed a more detailed analysis of the Cobbs Spring Branch floodplain and plans to submit a CLOMR/LOMR to FEMA for this site. The calculated floodplain is represented on the attached plan sheets.

Permanent natural vegetation will be maintained in a 25-foot buffer from the stream centerline or the calculated floodplain along each side of the unnamed tributary of Cobbs Spring Branch. This buffer will be maintained except for the two on-grade crossings (one existing and one proposed) shown on the Final Conditions site plan. These crossings will be paved & swept periodically to control TSS. Appropriate permits will be obtained from FEMA before any work is performed in the mapped floodplain.

An existing on-grade crossing is currently utilized between the west adjacent property, and this proposed quarry site (as shown on the Interim Conditions Map). In addition, a new crossing is proposed south of the existing (as shown on the Interim & Final Conditions Map). RG-500 recommends that a raised crossing be installed where the upstream drainage area is greater than 40 acres, with culverts sized to pass the 2-year, 24-hour storm. The primary intent of a raised crossing is to prevent the vehicular traffic from driving through flowing water which would wash oily residue and a dust buildup from the vehicles into the waterway and potentially to the aquifer. While a raised crossing is proposed, the flow in Cobbs Spring Branch is such that it is impracticable to install large enough culverts to pass the prescribed storm without allowing water to overtop the roadway. As an alternative, the crossings will be raised with three x 48-inch culverts and will remain closed during runoff events that cause flowing water over the top of the crossing. Since these crossings are private crossings, traffic is limited to quarry vehicles only and can be managed by site personnel during runoff events during times of quarry operation. Additionally, RG-500 recommends that the crossing be graded so that runoff from the crossings themselves be conveyed back to the overbank. Since one crossing is on-grade it is impractical to drain runoff out of the floodplain. A sweeper truck will be utilized as needed to remove any buildup of sediment that could potentially become mobilized in a runoff event.

The quarry pit may be backfilled with clean fill materials and non-sellable overburden. The Final Conditions Map depicts the area of the site that will be quarried; the final quarry area is expected to encompass approximately 88-acres. Permanent BMPs at the site will include the vertical pit-aquifer separation, Final Earthen Berm and 50-foot vegetated buffers.

Trash generated on-site will be disposed of in a dumpster and handled by a licensed waste service. A water truck will be used as necessary to control dust. Portable toilets will be used on-site. An OSSF is not proposed at this time, however one or more systems may be installed in the future after obtaining appropriate permitting through Williamson County.

Routine maintenance will take place at appropriate facilities on the adjacent site. Fueling of large slow-moving equipment will take place on compacted base pads within the quarry pit and/or with

drip pans as appropriate. Permanent fuel storage tanks are not proposed at this time, however, should an appropriate AST Plan be approved in the future, fueling areas (tank containment(s), fueling pad(s), etc.) may be established in the pit.

It is not expected that any significant amount of groundwater will be encountered in the quarry excavation. In order to maintain appropriate separation from the groundwater, the quarry floor will not be lower than 740 ft. amsl, as previously approved for the adjacent quarry (EAPP ID No. 11000443 – see attached approval letter).

The geologic assessments for the proposed 164-acre site were completed in 2 parts in September 2022 and February 2024 and are included with this application. No karst features were identified as sensitive.

ASPHALT INC., LLC

GEOLOGIC ASSESSMENT

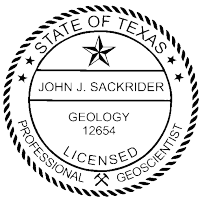
RONALD REAGAN QUARRY
RONALD REAGAN BLVD.
GEORGETOWN, TEXAS 78633
WILLIAMSON COUNTY

Submitted to: TCEQ Region 11, Austin

Prepared By:

WESTWARD
Environmental. Engineering. Natural Resources.
Boerne, Texas
830-249-8284

Date: February 2024
Project No. 10853-270
-JG-



Signature: _____
John J. Sackrider, P.G. - License No. 12654
TX PG Firm No. 50112
Date: 2/19/2024

Article I. 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.

Section 1.01 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.

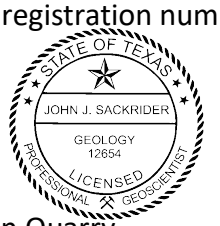
Print Name of Geologist: Telephone: 830-249-8284

John J. Sackrider, P.G. #12654 Fax: 830-249-0221

Date: 2/19/2024

Representing: Westward Environmental, Inc., TBPG Registered Geoscience Firm 50012
(Name of Company and TBPG or TBPE registration number)

Signature of Geologist:



Regulated Entity Name: Ronald Reagan Quarry

Section 1.02 Project Information

1. Date(s) Geologic Assessment was performed: January 30, 2024
2. Type of Project:

   ☒ WPAP ☐ AST
   ☐ SCS ☐ UST

3. Location of Project:

   ☒ Recharge Zone
   ☐ 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.

Article II. Table 1 - Soil Units, Infiltration Characteristics and Thickness

Soil Name	Group*	Thickness(feet)
EeB	D	< 2
ErE	D	< 2

** 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" = 200'
   Site Geologic Map Scale: 1" = 200'
   Site Soils Map Scale (if more than 1 soil type): 1" = 200'

9. Method of collecting positional data:

   ☒ 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 __ (#) 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 well is 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.

Section 2.01 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.

Attachment A

Geologic Assessment Table (Form TCEQ-0585)

GEOLOGIC ASSESSMENT TABLE

PROJECT NAME: RONALD REAGAN QUARRY

LOCATION			FEATURE CHARACTERISTICS												EVALUATION			PHYSICAL SETTING		
1A	1B *	1C*	2A	2B	3	4			5	5A	6	7	8A	8B	9	10		11		12
FEATURE ID	LATITUDE	LONGITUDE	FEATURE TYPE	POINTS	FORMATION	DIMENSIONS (FEET)			TREND (DEGREES)	DOM	DENSITY (NO/FT)	APERTURE (FEET)	INFILL	RELATIVE INFILTRATION RATE	TOTAL	SENSITIVITY		CATCHMENT AREA (ACRES)		TOPOGRAPHY
						X	Y	Z		10					10	<40	>40	<1.6	>1.6	
S-1	30.780241	-97.703348	CD	5	Ked	35	40	1	N/A				F	5	10	X			X	Floodplain
S-2	30.778219	-97.702413	CD	5	Ked	60	50	1	N/A				F	5	10	X		X		Hillside
S-3	30.774914	-97.700738	CD	5	Ked	30	20	2	N/A				F, V	5	10	X		X		Hillside
S-4	30.775543	-97.701072	CD	5	Ked	100	30	1	N/A				F	5	10	X			X	Floodplain
S-5	30.776574	-97.702218	F	20	Ked	465		Unknown	33	10			X	5	35	X			X	Floodplain/Hillside
S-6	30.775918	-97.701950	F	20	Ked	510		Unknown	112				X	5	25	X			X	Floodplain
S-7	30.780073	-97.705292	MB	30	Ked	800	200	25	N/A				F	5	35	X			X	Hillside

* DATUM: NAD 83

2A TYPE	TYPE	2B POINTS
C	Cave	30
SC	Solution cavity	20
SF	Solution-enlarged fracture(s)	20
F	Fault	20
O	Other natural bedrock features	5
MB	Manmade feature in bedrock	30
SW	Swallow hole	30
SH	Sinkhole	20
CD	Non-karst closed depression	5
Z	Zone, clustered or aligned features	30

8A INFILLING	
N	None, exposed bedrock
C	Coarse - cobbles, breakdown, sand, gravel
O	Loose or soft mud or soil, organics, leaves, sticks, dark colors
F	Fines, compacted clay-rich sediment, soil profile, gray or red colors
V	Vegetation. Give details in narrative description
FS	Flowstone, cements, cave deposits
X	Other materials

12 TOPOGRAPHY
Cliff, Hilltop, Hillside, Drainage, Floodplain, Streambed

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.

STATE OF TEXAS
JOHN J. SACKRIDER
GEOLOGY
12654
LICENSED PROFESSIONAL GEOSCIENTIST

Date 2/19/2024

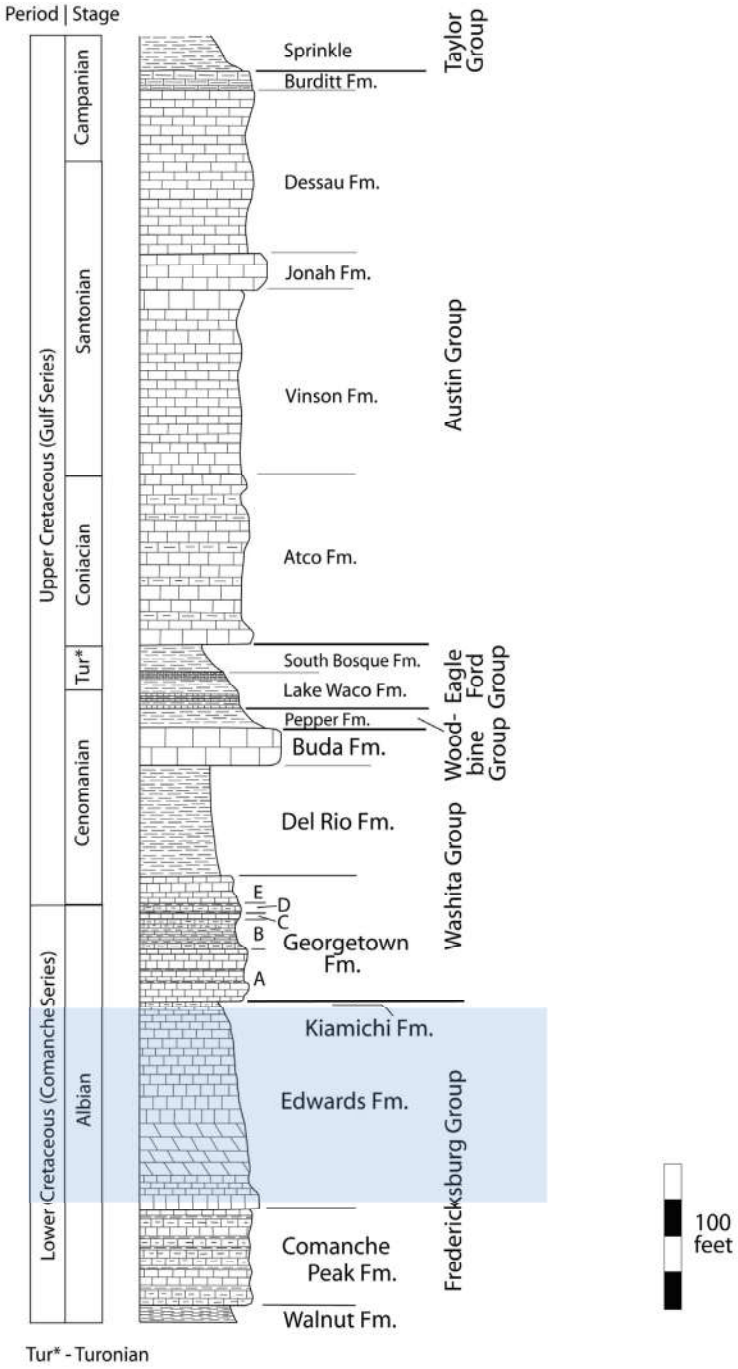
TCEQ-0585-Table (Rev. 10-01-04)

Attachment B

Stratigraphic Column

Generalized Stratigraphic Column – Williamson County

Figure 1. Generalized Stratigraphic Column of the Round Rock Area



Reference: Todd B Housh, PhD, PG; Bedrock Geology of Round Rock and Surrounding Areas, Williamson & Travis Counties, Texas

Indicates units observed at the surface of the Site.

Attachment C

Site Geology (Geologic Narrative)

Geologic Narrative

1.0 PURPOSE

Westward Environmental, Inc. (WESTWARD) was retained by Asphalt Inc., LLC (Client) to prepare a Geologic Assessment (GA) on a ~36.7-acre tract (Site) which is proposed to be an expansion of their current limestone quarry. This GA was prepared as a required attachment to a Water Pollution Abatement Plan (WPAP) for the Site as required by the Texas Commission of Environmental Quality (TCEQ).

2.0 REGULATORY GUIDANCE

Title 30, Chapter 213 of the Texas Administrative Code

This report was prepared in accordance with *Instructions for Geologists for Geologic Assessments on the Edwards Aquifer Recharge/Transition Zones (TCEQ-0585 (Rev. 10-01-04))* and will be reviewed pursuant to Title 30, Chapter 213 of the Texas Administrative Code.

3.0 PROJECT LOCATION

The Site is located between the cities of Florence and Georgetown, approximately 1.5 miles east of the intersection of SH 195 and CR 239 in Williamson County, Texas. It is located adjacent to the northeast of their current limestone quarry. The Site lies outside of any city limits but is within the City of Georgetown's Extra-Territorial Jurisdiction (ETJ). The Site is located over the Edwards Aquifer Recharge Zone (EARZ).

4.0 METHODOLOGY

As part of the GA, WESTWARD performed a desktop review of selected published information. WESTWARD also conducted a field investigation in accordance with *TCEQ-0585 (Rev. 10-01-04)*.

4.1 Desktop Review

WESTWARD conducted a review of aerial imagery, the University of Texas Bureau of Economic Geology (BEG) Geologic Atlas of Texas (GAT) Austin Sheet, applicable U.S. Geological Survey (USGS) Topographic quadrangle(s) and geospatial dataset(s), the Texas Natural Resources Information System (TNRIS), the Texas Water Development Board's Water Data Interactive Groundwater Data Viewer (TWDB Viewer), the Railroad Commission of Texas (RRC), and the U.S. Department of Agriculture (USDA) National Resource Conservation Service (NRCS) Web Soil Survey prior to the field investigation.

4.2 Field Investigation

A field investigation was performed at the Site by WESTWARD staff under the direction of John J. Sackrider, P.G. (TBPG Lic. No. 12654) on January 30, 2024. Field transects of the Site were walked in accordance with TCEQ-0585 (rev. 10-01-04).

5.0 DESKTOP REVIEW

The desktop review was utilized for preliminary planning of the field investigation. The accuracy of the desktop review was limited by the accessibility, scale, and age of the data available.

5.1 Published Surface Geology

A review of published geologic maps revealed the early Cretaceous-aged Edwards Limestone (Ked) mapped at the surface of the Site. It is shown on the Site Geologic Map (Attachment D).

5.2 Published Structure

The Site is located within the Balcones Fault Zone (BFZ). The desktop review revealed one (1) published fault mapped across the southern portion of the Site with an approximate bearing of 33°. An inferred fault mapped by WESTWARD during a recent exploration event intersects it with an approximate bearing of 112°. Both faults are shown on the Site Geologic Map (Attachment D).

For the purpose of this assessment, only the fault that aligns with the dominant trend direction of the BFZ, southwest to northeast, was used to establish the dominant fault trend range at this Site. That range is approximated to be between 18° and 48°.

5.3 Karst Features

The desktop review did not reveal karst features within the Site.

5.4 Non-karst & Manmade Features

The desktop review of aerial imagery revealed that part of the main quarry pit is located within the Site boundaries. A review of the TWDB Viewer did not reveal any onsite groundwater wells at the Site.

5.5 Soils

Two (2) soil units were identified on the Site through the NRCS Web Soil Survey. They are detailed below as well as included on the Geologic Assessment Form TCEQ-0585 (Rev. 02-11-15). A Site Soils Map is included in Attachment D.

Published Soil Unit Descriptions

Soil Name	*Group*	*Thickness (Feet)*	*Description*
Eckrant stony clay (EeB), 0 to 3 percent slopes	D	< 2	4 to 20 inches to lithic bedrock, well drained, moderately low to moderately high (0.06 to 0.57 in/hr) Ksat capacity
Eckrant-Rock outcrop association (ErE), 1 to 10 percent slopes	D	< 2	4 to 20 inches to lithic bedrock, well drained, moderately low to moderately high (0.06 to 0.57 in/hr) Ksat capacity

6.0 FIELD INVESTIGATION

The field investigation was performed on January 30, 2024 by WESTWARD staff under the direction of John J. Sackrider, P.G. to verify the presence or absence of recharge features identified in the desktop review and to identify recharge features not found during the desktop review. Field reconnaissance was performed in accordance with the *TCEQ-0585-Instructions (Rev. 10-1-04)*.

6.1 Surface Geology

The surface geology mapped within the extents of the Site is the Ked. Observations at the Site are consistent with published descriptions of the Ked.

6.2 Structure

Evidence of faults was not observed at the Site during the field investigation. However, the published and inferred faults are recorded here as S-5 and S-6, respectively.

6.3 Karst Features

Karst features were not identified during the field investigation.

6.4 Non-karst & Manmade Features

Four (4) non-karst closed depressions were identified during the field investigation and recorded here as S-1 through S-4. The main quarry pit that extends into the Site from the adjacent area is recorded as S-7. None of these features are rated sensitive.

6.5 Feature Descriptions

S-1 (CD) **Not Sensitive**

Feature S-1 is a non-karst closed depression located within the floodplain on the northeastern part of the Site. It is a low spot on Cobbs Springs Branch that measures approximately 35 ft. x 40 ft. x 1 ft. The catchment area of the feature is greater than 1.6 acres, but due to the fine-grained sediment floor and lack of infiltration evidence, the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

S-2 (CD) **Not Sensitive**

Feature S-2 is a large non-karst closed depression located near the eastern Site boundary. The feature measures approximately 60 ft. x 50 ft. x 1 ft. and the floor consists of fine-grained soil. The catchment area of the feature is less than 1.6 acres and the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

S-3 (CD) **Not Sensitive**

Feature S-3 is a non-karst closed depression near the southeastern Site boundary. The feature measures approximately 30 ft. x 20 ft. x 2 ft. with a floor that consists of vegetated fine-grained soil. The catchment area of the feature is less than 1.6 acres, and the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

S-4 (CD) **Not Sensitive**

Feature S-4 is a large non-karst closed depression located within the floodplain on the southeastern part of the Site. The feature is situated near the inferred fault (S-6). It measures

approximately 100 ft. x 30 ft. x 1 ft. and the floor consists of vegetated dark soil. The catchment area of the feature is greater than 1.6 acres, but due to the fine-grained soil floor and lack of infiltration evidence, the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

S-5 (F) **Not Sensitive**

Feature S-5 is a fault that was mapped as a result of a previous subsurface exploration event and nearly aligns with a published fault. WESTWARD assumes this fault is the same one published in the GDT. The extent of the feature within the Site measures approximately 465 ft. long from the western boundary to the eastern boundary and has an approximate trend of 33°. The catchment area of the feature is greater than 1.6 acres, but as no surface expression was observed, the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

S-6 (F) **Not Sensitive**

Feature S-6 is an inferred fault that was mapped as a result of a previous subsurface exploration event. The extent of the feature within the Site measures approximately 510 ft. long from the western boundary to the eastern boundary and has an approximate trend of 112°. The catchment area of the feature is greater than 1.6 acres, but as no surface expression was observed, the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

S-7 (MB) **Not Sensitive**

Feature S-7 is the portion of the main quarry that extends into the northwestern corner of the Site and is classified as a manmade feature in bedrock. The part of the feature that is contained within the Site measures approximately 800 ft. x 200 ft. x 25 ft. The catchment area of the feature is greater than 1.6 acres, but due to the compacted fine-grained sediment floor and lack of infiltration evidence, the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

Attachment D

Site Geologic Map
Site Soils Map

Legend

- Approximate GA Boundary
- GA Features
- USGS Flowline
- FEMA Floodplain
- Inferred Fault (Observed)

**Geologic Database of Texas*

Published Geology (GDT*)

- Ked - Edwards Limestone
- Published Fault

U = Upthrown
D = Downthrown

N

0 100 200 400 Feet

The entire mapped area is within the Edwards Aquifer Recharge Zone.

S-1
S-2
S-3
S-4
S-5
S-6
S-7
Ked
Cobbs Springs Branch
U
D
U
D
Ronald W Reag

Esri Community Maps Contributors, Texas Parks & Wildlife, County of Williamson, Texas Parks & Wildlife, © OpenStreetMap, Microsoft, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS, Williamson County TX, Maxar, Microsoft

SITE GEOLOGIC MAP

RONALD REAGAN QUARRY GA
ASPHALT INC., LLC
GEORGETOWN, WILLIAMSON COUNTY, TEXAS

STATE OF TEXAS
JOHN J. SACKRIDER
GEOLOGY
12654
LICENSED
PROFESSIONAL GEOSCIENTIST

2/19/2024

REV	DESCRIPTION	BY	DATE

WESTWARD
Environmental. Engineering. Natural Resources.
P.O. Box 2205, Boerne, Texas 78006
(830) 249-8284 Fax: (830) 249-0221
TBPE REG. NO.: F-4524
TBPG REG. NO.: 50112

SHEET NO.: 01 OF 02

JOB NO.:	10853-270
SCALE: 1" =	200'
CHECKED BY:	JJS
DRAWN BY:	JG
ISSUE DATE:	02/09/2024
IMAGE: ESRI WORLD IMAGERY	

Legend

Approximate GA Boundary

GA Features

Published Soils*

EeB - Eckrant stony clay

ErE - Eckrant-Rock outcrop association

** USDA Natural Resources Conservation Service*

N

0 100 200 400 Feet

S-1

S-2

S-3

S-4

S-5

S-6

S-7

ErE

EeB

Ronald W Reag

Esri Community Maps Contributors, Baylor University, County of Williamson, Texas Parks & Wildlife, © OpenStreetMap, Microsoft, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS, Williamson County, TX, Maxar, Microsoft

SITE SOILS MAP

RONALD REAGAN QUARRY GA
ASPHALT INC., LLC
GEORGETOWN, WILLIAMSON COUNTY, TEXAS

STATE OF TEXAS
JOHN J. SACKRIDER
GEOLOGY
12654
LICENSED PROFESSIONAL GEOSCIENTIST

2/19/2024

REV	DESCRIPTION	BY	DATE

WESTWARD
Environmental. Engineering. Natural Resources.
P.O. Box 2205, Boerne, Texas 78006
(830) 249-8284 Fax: (830) 249-0221
TBPE REG. NO.: F-4524
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IMAGE: ESRI WORLD IMAGERY	

Alleyton Resource Company, LLC

GEOLOGIC ASSESSMENT

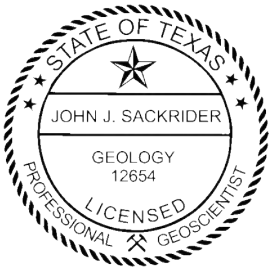
FLORENCE QUARRY EXPANSION – REID TRACT
CR 239
GEORGETOWN, TEXAS 78633
WILLIAMSON COUNTY

Submitted to: TCEQ Region 11, Austin

Prepared By:

WESTWARD
Environmental. Engineering. Natural Resources.
Boerne, Texas
830-249-8284

Date: September 2022
Project No. 10100.164
-JG/DK-



Signature: _____
John J. Sackrider, P.G. - License No. 12654
TX PG Firm No. 50112
Date: 9/2/2022

Article I. 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.

Section 1.01 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.

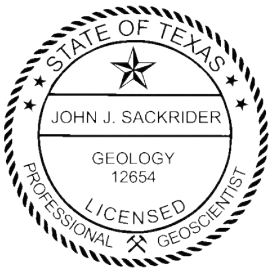
Print Name of Geologist: Telephone: 830-249-8284

John J. Sackrider, PG #12654 Fax: 830-249-0221

Date: 9/2/2022

Representing: Westward Environmental, Inc., TBPG Registered Geoscience Firm 50012
(Name of Company and TBPG or TBPE registration number)

Signature of Geologist:



Regulated Entity Name: Florence Quarry Expansion - Reid Tract

Section 1.02 Project Information

1. Date(s) Geologic Assessment was performed: July 11-12 & August 18, 2022
2. Type of Project:

   ☒ WPAP ☐ AST
   ☐ SCS ☐ UST

3. Location of Project:

   ☒ Recharge Zone
   ☐ 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.

Article II. Table 1 - Soil Units, Infiltration Characteristics and Thickness

Soil Name	Group*	Thickness(feet)
EaD	D	< 2
EaB	D	< 2
ErE	D	< 2
GsB	D	< 4

** 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" = 150'
   Site Geologic Map Scale: 1" = 150'
   Site Soils Map Scale (if more than 1 soil type): 1" = 150'

9. Method of collecting positional data:

   ☒ 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 _____ (#) 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.

Section 2.01 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.

Attachment A

Geologic Assessment Table (Form TCEQ-0585)

GEOLOGIC ASSESSMENT TABLE

PROJECT NAME: Florence Quarry Expansion - Reid Tract

LOCATION			FEATURE CHARACTERISTICS												EVALUATION			PHYSICAL SETTING		
1A	1B *	1C*	2A	2B	3	4			5	5A	6	7	8A	8B	9	10		11		12
FEATURE ID	LATITUDE	LONGITUDE	FEATURE TYPE	POINTS	FORMATION	DIMENSIONS (FEET)			TREND (DEGREES)	KOD	DENSITY (NO/FT)	APERTURE (FEET)	INFILL	RELATIVE INFILTRATION RATE	TOTAL	SENSITIVITY		CATCHMENT AREA (ACRES)		TOPOGRAPHY
						X	Y	Z		10						<40	>40	<1.6	>1.6	
S-1	Removed upon further evaluation																			
S-2	30.773267	-97.699477	CD	5	Ked	10	9	1	5	10			F, V	5	20	X		X		Hillside
S-3	30.776481	-97.700668	SC	20	Ked	5.5	3	2	164				F	5	25	X		X		Hillside
S-4	Removed upon further evaluation																			
S-5	30.779464	-97.699559	CD	5	Ked	106	3	0.67	160				F, O	5	10	X			X	Drainage
S-6	Removed upon further evaluation																			
S-7	30.778828	-97.701042	SC	20	Ked	1.5	0.67	2+	46				O	5	25	X		X		Hillside
S-8	30.780480	-97.699267	CD	5	Ked	40	4	0.5	6	10			O	5	20	X			X	Drainage
S-9	30.781351	-97.700683	SC	20	Ked	2	1	2	8	10			O	5	35	X		X		Hillside
S-10	30.780693	-97.702589	CD	5	Ked	9	5.5	10	150				O	5	10	X		X		Hillside
S-11	30.780774	-97.702493	F	20	Ked	725		0.67	12	10			X	5	35	X			X	Hillside
S-12	30.782583	-97.700947	SF	20	Ked	7	0.5	0.67	47				O	5	25	X		X		Hillside
S-13	30.779774	-97.701024	F	20	Ked	1,910		Unknown	15	10			X	5	35	X			X	Hillside
S-14	30.775582	-97.697848	F	20	Ked	1,315		Unknown	80				X	5	25	X			X	Hillside/Floodplain
S-15	30.774201	-97.697573	F	20	Ked	1,780		Unknown	110				X	5	25	X			X	Hillside

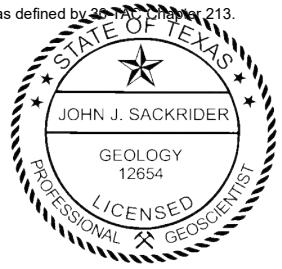
* DATUM: NAD 83

2A TYPE	TYPE	2B POINTS
C	Cave	30
SC	Solution cavity	20
SF	Solution-enlarged fracture(s)	20
F	Fault	20
O	Other natural bedrock features	5
MB	Manmade feature in bedrock	30
SW	Swallow hole	30
SH	Sinkhole	20
CD	Non-karst closed depression	5
Z	Zone, clustered or aligned features	30

8A INFILLING	
N	None, exposed bedrock
C	Coarse - cobbles, breakdown, sand, gravel
O	Loose or soft mud or soil, organics, leaves, sticks, dark colors
F	Fines, compacted clay-rich sediment, soil profile, gray or red colors
V	Vegetation. Give details in narrative description
FS	Flowstone, cements, cave deposits
X	Other materials

12 TOPOGRAPHY
Cliff, Hilltop, Hillside, Drainage, Floodplain, Streambed

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.



Date 9/2/2022

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

Attachment B

Stratigraphic Column

Generalized Stratigraphic Column – Williamson County, Texas

System	Group	Formation	Member	Thickness (feet)	Lithology	Field Identification	Cavern Development	Porosity/ permeability type
Upper Cretaceous	Austin Group (Kau)			225-350	Buff to white chalk; limestone and marl	White, light-gray limelone	Rare	Low porosity / low permeability
	Eagle Ford Group (Kef)			30-50	Brown, flaggy shale and argillaceous limstone	Thin flagstone; petroliferous odor	None	Low porosity / low permeability
	Buda Limestone (Kbu)			40-50	Buff, light-gray, dense mudstone	Porcelaneous limelone with calcite-filled veins	Minor surface karst	Low porosity / low permeability
	Del Rio Clay (Kdr)			40-50	Blue-green to yellow-brown clay	Fossiliferous; *Ilymatogyra arietina*	None	None/primary upper confining unit
Lower Cretaceous	Georgetown Formation (Kgt)			2-20	Reddish-brown, gray to light-tan, marly limestone	Marker fossil; *Waconella waconsis*	None	Low porosity / low permeability
	Edwards Group (Ked)	Person Formation (Kep)	Cyclic and marine members undivided	80-90	Mudstone to packestone; *miliolid* grainstone; chert	Thin graded cycles; massive beds to relatively thin beds; crossbeds	Many subsurface; might be associated with earlier karst development	Laterally extensive; both fabric and not fabric / water yielding
			Leached and collapsed members, undivided	70-90	Crystalline limestone; mudstone to grainstone; chert; collapsed breccia	Biolurbated iron-stained beds separated by massive limestone beds; stromatolitic limestone	Extensive lateral development; large rooms	Majority not fabric / one of the most porous and permeable
			Regional dense member	20-24	Dense argillaceous mudstone	Wispy iron-oxide stains	Very few; only vertical fracture enlargement	Not fabric / low permeability; vertical barrier
		Kainer Formation (Kek)	Grainstone member	50-60	*Miliolid* grainstone; mudstone to wackestone; chert	White cross-bedded grainstone	Few	Not fabric / recrystallization reduces permeability
			Kirschberg evaporite member	50-60	Highly altered crystalline limestone; chalky mudstone; chert	Boxwork voids, with neospar and travertine frame	Probably extensive cave development	Majority fabric / one of the most porous and permeable
			Dolomitic member	110-130	Mudstone to grainstone; crystalline limestone; chert	Massively bedded, light gray *Toucasia* abundant	Caves related to structure or bedding planes	Mostly not fabric; some bedding-plane fabric / water-yielding
			Basal nodular member	50-60	Shaly, nodular limestone; mudstone and *miliolid* grainstone	Massive, nodular and rolled, *Exogyra texana*	Large lateral caves at surface; a few caves near Cibolo Creek	Fabric; stratigraphically controlled / large conduit flow at surface; no permeability in subsurface
	Upper member of the Glen Rose Limestone (Kgru)			350-500	Yellowish tan, thinly bedded limestone and marl	Stair-step topography; alternating limestone and marl	Some surface cave development	Some water production at evaporite beds / relatively impermeable

Surface unit mapped onsite.

Adapted from Stein and Ozuna, 1996.

Attachment C

Site Geology (Geologic Narrative)

Geologic Narrative

1.0 PURPOSE

Westward Environmental, Inc. (WESTWARD) was retained by Alleyton Resource Company (Client) to prepare a Geologic Assessment (GA) of their newly acquired Reid Tract (Site) for expansion of their Florence Quarry. The area for the Site measures ~148 acres in size. This GA was prepared as a required attachment to a Water Pollution Abatement Plan (WPAP) as required by the Texas Commission of Environmental Quality (TCEQ).

2.0 REGULATORY GUIDANCE

Chapter 30 of the Texas Administrative Code

This report was prepared in accordance with *Instructions for Geologists for Geologic Assessments on the Edwards Aquifer Recharge/Transition Zones (TCEQ-0585 (Rev. 10-01-04))* and will be reviewed pursuant to Title 30, Chapter 213 of the Texas Administrative Code.

3.0 PROJECT LOCATION

The Site is located adjacent and to the east of the existing Florence Quarry located at 1153 County Road 239, Florence, Williamson County Texas and is within the Georgetown ETJ. It is ~1.65 miles northeast of the Highway 195 & Ronald Reagan Blvd. intersection along Ronald Reagan Blvd. and ~0.25 mile north of Ronald Reagan Blvd. The Site is located over the Edwards Aquifer Recharge Zone (EARZ).

4.0 METHODOLOGY

As part of the GA, WESTWARD geologists performed a desktop review of selected published information. WESTWARD also conducted a field investigation in accordance with *TCEQ-0585 (Rev. 10-01-04)*.

4.1 Desktop Review

WESTWARD conducted a review of aerial imagery, the University of Texas Bureau of Economic Geology (BEG) Geologic Atlas of Texas (GAT) Austin Sheet, applicable U.S. Geological Survey (USGS) Topographic quadrangle(s), the Texas Natural Resources Information System (TNRIS), the Texas Water Development Board's (TWDB) Water Data Interactive Groundwater Data Viewer, the Federal Emergency Management Agency (FEMA) Flood Map Service Center, the Railroad Commission of Texas (RRC), and the U.S. Department of Agriculture (USDA) National Resource Conservation Service (NRCS) Web Soil Survey prior to the field investigation.

4.2 Field Investigation

A field investigation was performed at the Site by WESTWARD staff under the direction of John J. Sackrider, P.G. (TBPG Lic. No.: 12654) on July 11-12, 2022. John J. Sackrider, P.G. visited the Site on August 18, 2022 to conduct an additional investigation of three features. Field transects of the Site were walked in accordance with TCEQ-0585 (rev. 10-01-04).

5.0 DESKTOP REVIEW

The desktop review was utilized for preliminary planning of the field investigation. The accuracy of the desktop review was limited by the accessibility, scale, and age of the data available.

5.1 Published Surface Geology

A review of published geologic maps revealed two (2) units, the early Cretaceous-aged Edwards Limestone (Ked) and the late Cretaceous-aged Georgetown Formation (Kgt), mapped at the surface of the Site. (USGS, 2007). All units are shown on the Site Geologic Map (Attachment D).

5.2 Published Structure

There is one (1) published fault mapped on the Geologic Database of Texas (GDT) that extends across the north part of the Site with a trend of 20°. During subsurface exploration of the Site in April 2022, the fault was reevaluated and adjusted on the map with an average trend of 15°. Two (2) inferred faults are also mapped on the southern part of the Site as a result of the exploration, with approximate trends of 80° and 110°. For purposes of this GA, the dominant fault trend range is taken from the average of the faults bearing a southwest to northeast direction which is consistent with the Balcones Fault Zone. The dominant fault trend at the Site is 15° and the dominant fault trend range is between 0°-30°. The faults are included on the Site Geologic Map (Attachment D).

5.3 Karst Features

The desktop review did not reveal karst features at the Site.

5.4 Non-karst & Manmade Features

The desktop review did not reveal non-karst nor manmade features at the Site.

5.5 Soils

Four (4) soil units were identified on the Site through the NRCS Web Soil Survey. The soil unit descriptions are detailed below as well as included on the Geologic Assessment Form TCEQ-0585 (Rev. 02-11-15).

Published Soil Unit Descriptions			
Soil Name	*Group*	*Thickness (Feet)*	*Description*
Eckrant cobbly clay (EaD), 1 to 8 percent slopes	D	< 2	4-20 inches to restrictive feature (lithic bedrock), well drained, moderately low to moderately high (0.06 to 0.57 in/hr) Ksat capacity
Eckrant stony clay (EeB), 0 to 3 percent slopes	D	< 2	4-20 inches to restrictive feature (lithic bedrock), well drained, moderately low to moderately high (0.06 to 0.57 in/hr) Ksat capacity
Eckrant-Rock outcrop (ErE), 1 to 10 percent slopes	D	< 2	4-20 inches to restrictive feature (lithic bedrock), well drained, moderately low to moderately high (0.06 to 0.57 in/hr) Ksat capacity
Georgetown stony clay loam (GsB), 1 to 3 percent slopes	D	< 4	20-40 inches to restrictive feature (lithic bedrock), well drained, very low to moderately low (0.00 to 0.06 in/hr) Ksat capacity

6.0 FIELD INVESTIGATION

The field investigation was performed on July 11-12, 2022 by WESTWARD staff under the direction of John J. Sackrider, P.G. to verify the presence or absence of recharge features identified in the desktop review and identify recharge features not found during the desktop review. John J. Sackrider, P.G. visited the Site on August 18, 2022 to conduct an additional investigation of three features. Field reconnaissance was performed in accordance with the *TCEQ-0585-Instructions (Rev. 10-1-04)*.

6.1 Surface Geology

The surface geology across most of the Site is mapped as the Edwards Limestone (Ked) which was observed during the field investigation. A portion of the eastern part of the Site is mapped as the Georgetown Formation (Kgt). The Kgt/Ked boundary was not confirmed in the field and is included as published.

6.2 Structure

Evidence of faulting was observed and recorded at S-11. Apparent offset ranged between 4-8 in. and was observed to trend along 12°. The published fault was not observed during field reconnaissance but is recorded here as feature S-13. The two (2) inferred faults that were previously observed during subsurface exploration are recorded here as S-14 and S-15.

6.3 Karst Features

Three (3) solution cavities, S-3, S-7, and S-9; and one (1) solution-enlarged fracture, S-12, were observed and recorded during the field investigation. These features are rated as not sensitive.

6.4 Non-karst & Manmade Features

Four (4) non-karst closed depressions, S-2, S-5, S-8, and S-10, were identified and recorded during the field investigation. These features are rated as not sensitive.

6.5 Feature Descriptions

S-1 **Removed upon further evaluation**

Feature S-1 appeared to be a non-karst closed depression. It was removed as a feature upon closer inspection of its dimensions, which fell below the 6 ft. length requirement.

S-2 (CD) **Not Sensitive**

Feature S-2 is a non-karst closed depression located along the western boundary on the southwest part of the Site near a cleared path. The feature measures approximately 10 ft. x 9 ft. x 1ft. with an approximate trend of 005° and has a fine-grained sediment floor with short grass. The catchment area is less than 1.6 acres, and the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

S-3 (SC) **Not Sensitive**

Feature S-3 is a solution cavity located on the central part of the Site, near the western boundary. The feature measures approximately 5.5 ft. x 3 ft. x 2 ft. with an approximate trend of 164°. The feature consists of two openings in the bedrock that appeared to connect. There was no evidence of flow or air movement at the time of field reconnaissance. After digging with hand tools, it was discovered that the void only extended across to the other opening on the surface and did not extend into the subsurface as there was a solid layer of soil beneath the feature. The suspected origin is burrowing by animals under surficial float rock rather than bedrock. If accurate, S-3 does not meet the definition of a solution cavity. The catchment area is less than 1.6 acres, and the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

S-4 **Removed upon further evaluation**

Feature S-4 was recorded as a solution-enlarged fracture. It was removed as a feature upon closer inspection due to the presence of a soil floor beneath the rock. It was determined to be fractured float rock rather than bedrock.

S-5 (CD) **Not Sensitive**

Feature S-5 is a non-karst closed depression located near the north-central area of the Site. The feature measures approximately 106 ft. x 3 ft. x 0.67 ft. with an approximate trend of 164°. The feature has a fine-grained sediment floor littered with leaves and twigs. The catchment area is greater than 1.6 acres, and the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

S-6 **Removed upon further evaluation**

The feature identification number S-6 was inadvertently skipped while notetaking in the field.

S-7 (SC) **Not Sensitive**

Feature S-7 is a solution cavity located about 160 ft. south of the fault (S-13) on the northwest quadrant of the Site. It measures approximately 1.5 ft. x 0.67 ft. x 2+ ft. with an approximate trend of 46°. The feature appears to have smooth edges and was filled with loose soil, leaf litter, and other detritus. The catchment area is less than 1.6 acres, and the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

S-8 (CD) **Not Sensitive**

Feature S-8 is a non-karst closed depression located on the northeast quadrant of the Site. The feature measures approximately 40 ft. x 4 ft. x 0.5 ft. with an approximate trend of 6° and a floor covered with excessive tree litter. The catchment area is greater than 1.6 acres, and the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

S-9 (SC) **Not Sensitive**

Feature S-9 is a solution cavity located in the north-central part of the Site. The feature measures approximately 2 ft. x 1 ft. x 2 ft. with an approximate trend of 8° and is infilled with excessive tree detritus and loose soils. The suspected origin is burrowing by animals under surficial float rock rather than bedrock. If accurate, S-9 does not meet the definition of a solution cavity. The catchment area is less than 1.6 acres, and the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

S-10 (CD) **Not Sensitive**

Feature S-10 is a non-karst closed depression located along the western boundary of the Site near the northwest corner. The feature measures approximately 9 ft. x 5.5 ft. x 10 ft. with an approximate trend of 150° and is floored with loose soils, sticks, and limestone rocks. The catchment area is greater than 1.6 acres, and the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

S-11 (F) **Not Sensitive**

Feature S-11 is a fault that was observed on the northwest corner of the Site, near S-10. At the point where it was first observed, the feature was observed to have up to 8 in. of displacement. Another point was taken where the fault appeared to extend farther north and plotted on Google Earth. Based on a line plotted on Google Earth between the two points, the fault has an approximate trend of 12° and extends approximately ~725 ft. long within the property boundary. The catchment area is greater than 1.6 acres, and the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

S-12 (SF) **Not Sensitive**

Feature S-12 is a solution-enlarged fracture located on the north-central boundary of the Site. It measures approximately 7 ft. x 0.5 ft. x 0.67 ft. with an approximate trend of 47°. The feature was plugged with loose soil, organics, and rock fragments. The catchment area is less than 1.6 acres, and the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

S-13 (F) **Not Sensitive**

Feature S-13 is a fault that was mapped as a result of subsurface exploration in April 2022. Based on Esri World Imagery, the extent of the feature within the Site measures

approximately 1,910 ft. long from the western boundary to the northeast boundary and has an approximate average trend of 15°. The catchment area is greater than 1.6 acres, and the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

S-14 (F) **Not Sensitive**

Feature S-14 is an inferred fault that was mapped as a result of subsurface exploration in April 2022. Based on Esri World Imagery, the extent of the feature within the Site measures approximately 1,315 ft. long from the western boundary to the eastern boundary and has an approximate trend of 80°. The catchment area is greater than 1.6 acres, and the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

S-15 (F) **Not Sensitive**

Feature S-15 is an inferred fault that was mapped as a result of subsurface exploration in April 2022. Based on Esri World Imagery, the extent of the feature within the Site measures approximately 1,780 ft. long from the western boundary to the southeast corner and has an approximate trend of 110°. The catchment area is greater than 1.6 acres, and the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

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SELECT PHOTOGRAPHS

S-2: Non-karst closed depression with fine-grain sediment floor**.**

S-3: Solution cavity.

S-7: Solution cavity filled with loose soil and tree litter.

S-8: Non-karst closed depression, view to the north.

S-9: Solution cavity with excessive tree litter.

Close-up view of S-9.

S-11: Evidence of faulting (similarly oriented rock fractures).

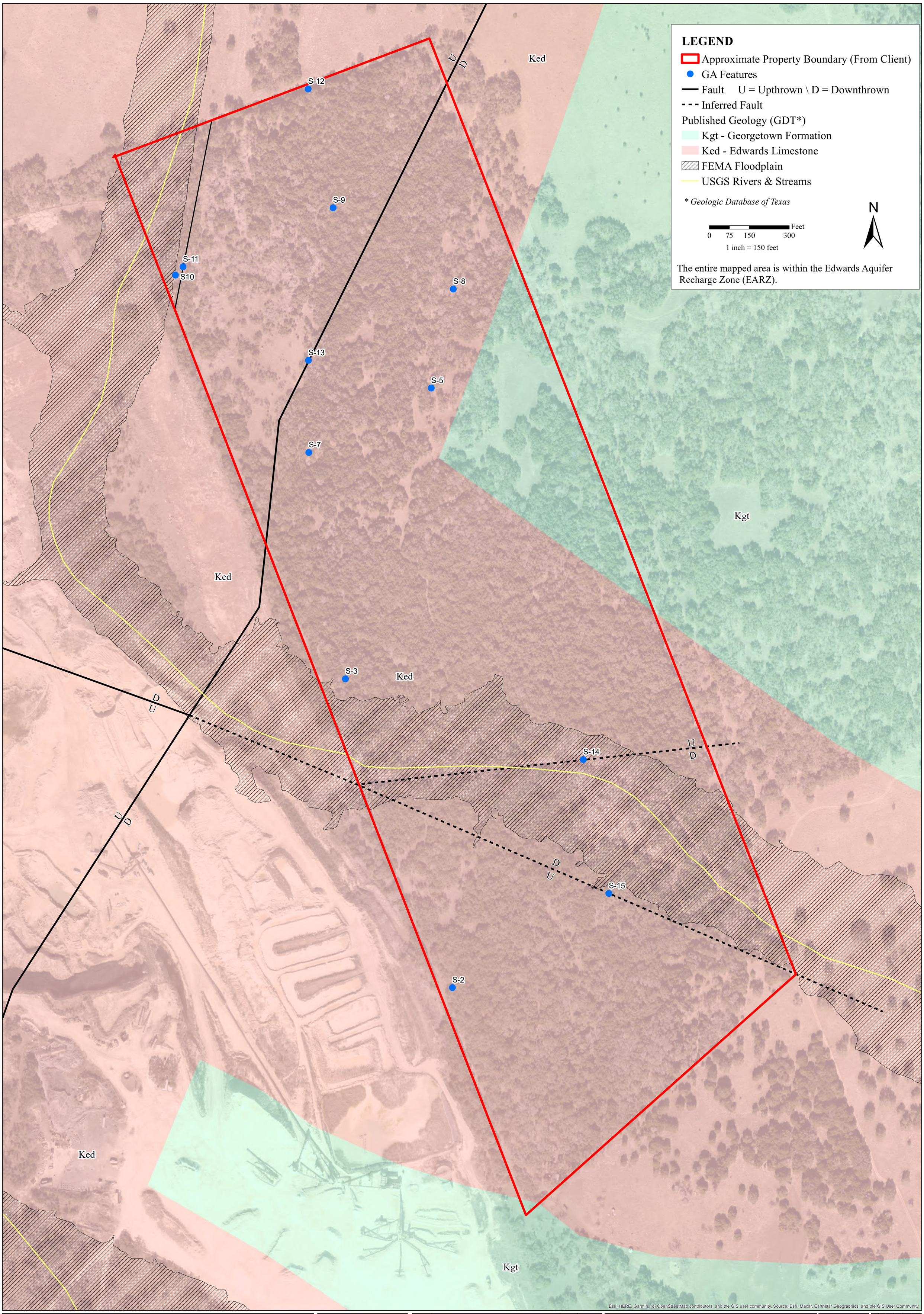
S-11: Linear extension of fractured rock.

S-12: Solution-enlarged fracture infilled with loose organics.

View of average conditions on the Site.

Attachment D

Site Geologic Map
Site Soils Map



SITE GEOLOGIC MAP

FLORENCE QUARRY EXPANSION - REID TRACT
ALLEYTON RESOURCE COMPANY, LLC
FLORENCE, WILLIAMSON COUNTY, TEXAS

STATE OF TEXAS
JOHN J. SACKRIDER
GEOLOGY
12654
LICENSED
PROFESSIONAL GEOSCIENTIST

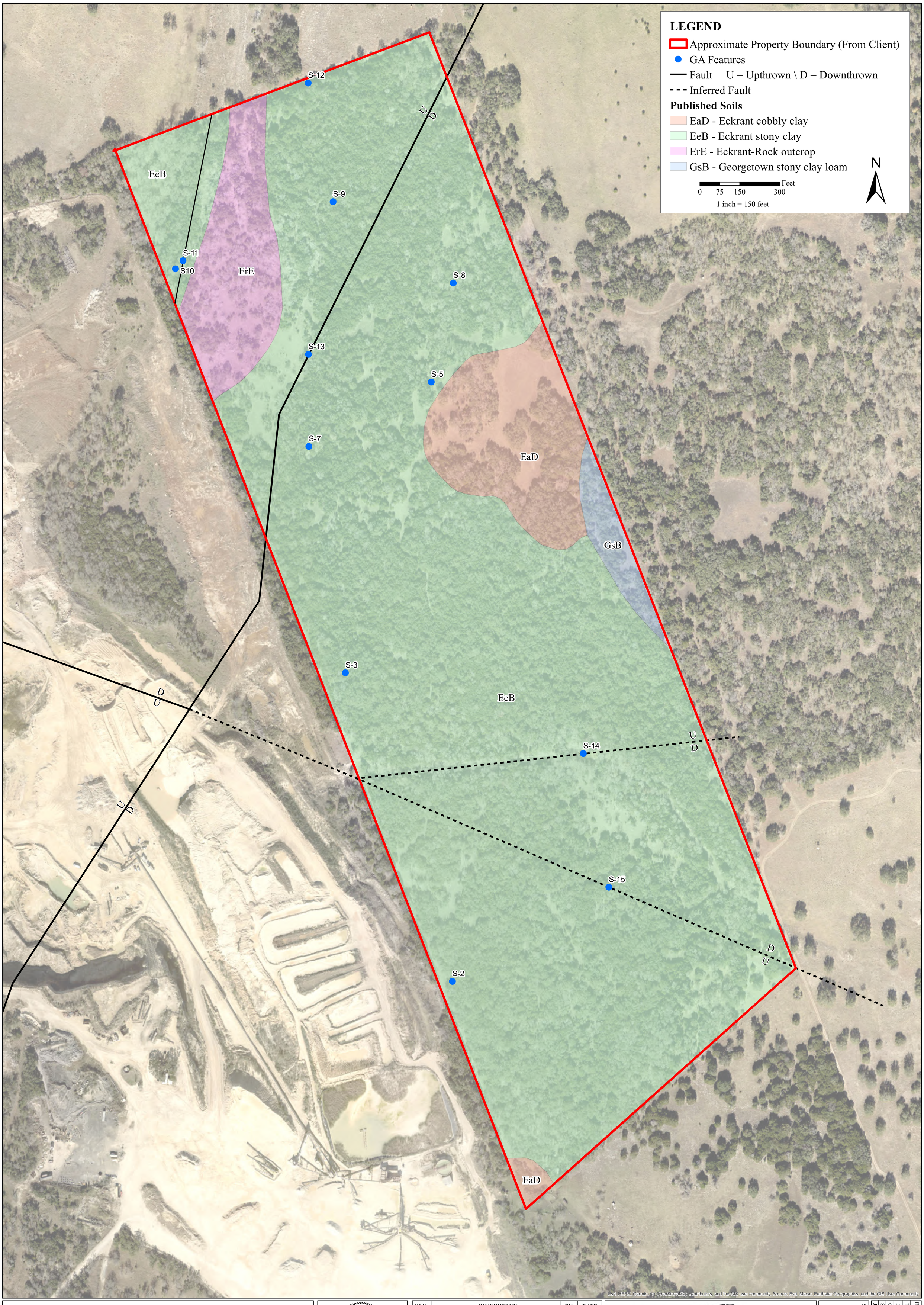
9/2/2022

REV	DESCRIPTION	BY	DATE

WESTWARD
Environmental. Engineering. Natural Resources.
P.O. Box 2205, Boerne, Texas 78006
(830) 249-8284 Fax: (830) 249-0221
TBPE REG. NO.: F-4524
TBPG REG. NO.: 50112

SHEET NO.: 01 OF 02

JOB NO.:	10100-164
SCALE: 1" =	150'
CHECKED BY:	JJS
DRAWN BY:	JG
ISSUE DATE:	8/22/2022
IMAGE: ESRI WORLD IMAGERY	



SITE SOILS MAP

FLORENCE QUARRY EXPANSION - REID TRACT
ALLEYTON RESOURCE COMPANY, LLC
FLORENCE, WILLIAMSON COUNTY, TEXAS

STATE OF TEXAS
JOHN J. SACKRIDER
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IMAGE:	ESRI WORLD IMAGERY
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DRAWN BY:	JG
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SCALE: 1" =	150'
JOB NO.:	10100-164

Article I. Water Pollution Abatement Plan Application

Texas Commission on Environmental Quality

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

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

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

Section 1.01 Signature

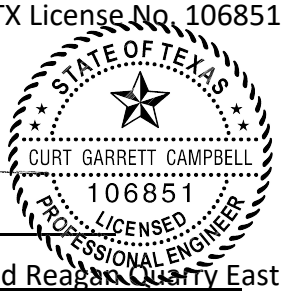
To the best of my knowledge, the responses to this form accurately reflect all information requested concerning the proposed regulated activities and methods to protect the Edwards Aquifer. This **Water Pollution Abatement Plan Application Form** is hereby submitted for TCEQ review and Executive Director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

Print Name of Customer/Agent: Curt G. Campbell, P.E.

TX License No. 106851 | TX Firm No. 4525

Date: 11/20/2024

Signature of Customer/Agent:



Regulated Entity Name: Ronald Reagan Quarry East

Section 1.02 Regulated Entity Information

1. The type of project is:

   ☐ Residential: Number of Lots:_____
   ☐ Residential: Number of Living Unit Equivalents:_____
   ☐ Commercial
   ☒ Industrial
   ☐ Other:_____

2. Total site acreage (size of property): 164

3. Estimated projected population: 5

4. The amount and type of impervious cover expected after construction are shown below:

Article II. Table 1 - Impervious Cover Table

Impervious Cover of Proposed Project	Sq. Ft.	Sq. Ft./Acre	Acres
Structures/Rooftops		÷ 43,560 =	
Parking		÷ 43,560 =	
Other paved surfaces	51,766.43	÷ 43,560 =	1.19
Total Impervious Cover	51,766.43	÷ 43,560 =	1.19

Total Impervious Cover 1.19 **÷ Total Acreage** 164 **X 100 =** 0.72**% Impervious Cover**

5. ☒ **Attachment A - Factors Affecting Surface Water Quality**. A detailed description of all factors that could affect surface water and groundwater quality that addresses ultimate land use is attached.

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

Section 2.01 For Road Projects Only

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

7. Type of project:

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

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

☐ Concrete
☐ Asphaltic concrete pavement
☐ Other: _____

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

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

10. Length of pavement area: _____ feet.

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

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

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

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

Section 2.02 Stormwater to be generated by the Proposed Project

13. ☒ **Attachment B - Volume and Character of Stormwater**. A detailed description of the volume (quantity) and character (quality) of the stormwater runoff which is expected to occur from the proposed project is attached. The estimates of stormwater runoff quality and quantity are based on the area and type of impervious cover. Include the runoff coefficient of the site for both pre-construction and post-construction conditions.

Section 2.03 Wastewater to be generated by the Proposed Project

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

100% Domestic	15 Gallons/day
_____% Industrial	_____Gallons/day
_____% Commingled	_____Gallons/day

TOTAL gallons/day 15

15. Wastewater will be disposed of by: **N/A – Portable Toilets**

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

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

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

☐ Sewage Collection System (Sewer Lines):

☐ Private service laterals from the wastewater generating facilities will be connected to an existing SCS.

☐ Private service laterals from the wastewater generating facilities will be connected to a proposed SCS.

☐ The SCS was previously submitted on_____.

☐ The SCS was submitted with this application.

☐ The SCS will be submitted at a later date. The owner is aware that the SCS may not be installed prior to Executive Director approval.

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

☐ Existing.
☐ Proposed.

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

Section 2.04 Site Plan Requirements

(a) Items 17 – 28 must be included on the Site Plan.

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

Site Plan Scale: 1" = 200'.

18. 100-year floodplain boundaries:

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

The 100-year floodplain boundaries are based on the following specific (including date of material) sources(s): FEMA Panel 48491CO125F

19. ☒ The layout of the development is shown with existing and finished contours at appropriate, but not greater than ten-foot contour intervals. Lots, recreation centers, buildings, roads, open space, etc. are shown on the plan.

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

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

☐ There are 0 (#) wells present on the project site and the locations are shown and labeled. (Check all of the following that apply)

☐ The wells are not in use and have been properly abandoned.
☐ The wells are not in use and will be properly abandoned.
☐ The wells are in use and comply with 16 TAC §76.

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

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

☐ All sensitive geologic or manmade features identified in the Geologic Assessment are shown and labeled.
☒ No sensitive geologic or manmade features were identified in the Geologic Assessment.

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

22. ☒ The drainage patterns and approximate slopes anticipated after major grading activities.
23. ☒ Areas of soil disturbance and areas which will not be disturbed.
24. ☒ Locations of major structural and nonstructural controls. These are the temporary and permanent best management practices.
25. ☒ Locations where soil stabilization practices are expected to occur.
26. ☒ Surface waters (including wetlands).

    ☐ N/A

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

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

28. ☒ Legal boundaries of the site are shown.

Section 2.05 Administrative Information

29. ☒ Submit one (1) original and one (1) copy of the application, plus additional copies as needed for each affected incorporated city, groundwater conservation district, and county in which the project will be located. The TCEQ will distribute the additional copies to these jurisdictions. The copies must be submitted to the appropriate regional office.
30. ☒ Any modification of this WPAP will require Executive Director approval, prior to construction, and may require submission of a revised application, with appropriate fees.

Asphalt Inc., LLC
Ronald Reagan Quarry East

Water Pollution Abatement Plan Attachment A

Factors Affecting Surface Water Quality

The major factor that could potentially affect water quality is sediment in stormwater runoff after the clearing of vegetation. More remote factors include fuels and lubricants from vehicles and equipment and trash/debris items.

Earthen berms or rock berms and vegetated buffers located downgradient of the disturbed area(s) are proposed to capture sediment and control the flow of stormwater over the Recharge Zone. Stormwater from disturbed areas will be retained in the mining pit. Upgradient berms prevent run-on to disturbed areas of the site. Any spills or leaks will be cleaned up immediately and will be disposed of properly. A trash receptacle will be placed on-site for use by employees and visitors.

Water Pollution Abatement Plan Attachment B

Volume and Character of Stormwater

The area of the proposed final quarry pit, as shown on the Final Conditions Map, is an approximately 88-acre portion of the overall 164-acre property. The stormwater from this disturbed area will carry an increased level of total suspended solids (TSS); however, stormwater from this area will be retained in the pit.

Temporary BMPs (sediment basins, rock/earthen berms, vegetative filter strips, silt fence, etc.) will be used to control stormwater until the Final Earthen Berm is stabilized.

Due to the use of Temporary BMPs during construction, the character of stormwater runoff which is expected to occur from the proposed project will be essentially the same as prior to the site. As quarrying activities continue, the volume of stormwater runoff from the site will be reduced because the quarry pit will ultimately retain the anticipated on-site and upgradient stormwater runoff. The runoff coefficient for the impervious areas is 0.9 and the runoff coefficient for predevelopment is 0.03 per TCEQ guidance.

Water Pollution Abatement Plan Attachment C

Suitability Letter from Authorized Agent

N/A – an OSSF is not proposed at this time.

Water Pollution Abatement Plan Site Plan

Site Plan

Please see attached Interim Conditions & Final Conditions plan sheets.

N

0 100 200 400

SCALE: 1" = 200'

LEGEND

- PROPERTY LINE
- ADJACENT PROPERTY LINE
- 900 EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- 950 PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- LINEAR WATER BODIES
- BERM
- 100-YR FLOODPLAIN
- BASE AREA
- GRASS/VEGETATED BUFFER AREA
- CONCRETE AREA

ADJACENT FACILITY BOUNDARY

BUFFER NOT NEEDED IN THIS AREA DUE TO LIKE QUARRY LAND USE

COBBS SPRING BRANCH

CALCULATED FLOODPLAIN

EXISTING RANCH ROAD

CALCULATED FLOODPLAIN

CALCULATED FLOODPLAIN

CALCULATED FLOODPLAIN

INTERIM CONDITIONS EARTHEN BERM

INTERIM CONDITIONS PIT - < 10 ACRES

PROJECT BOUNDARY

RAISED CROSSING TO BE PAVED

(3) 48" CULVERTS

25' BUFFER

CALCULATED FLOODPLAIN

EXISTING RANCH ROAD

COBBS SPRING BRANCH

SITE ENTRANCE

CALCULATED FLOODPLAIN

COBBS SPRING BRANCH

BUFFER NOT NEEDED IN THIS AREA DUE TO LIKE QUARRY LAND USE

ASPHALT INC. OWNS AND OPERATES A QUARRY ADJACENT TO THIS PROPERTY.

870 850 840 830 820

INTERIM CONDITIONS

WPAP – RONALD REAGAN QUARRY EAST

ASPHALT INC.

RONALD REAGAN BLVD., GEORGETOWN, TX

11/21/2024

STATE OF TEXAS
CURT GARRETT CAMPBELL
106851
LICENSED
PROFESSIONAL ENGINEER

Curt G. Campbell, P.E.
License No. 106851

REV.	DESCRIPTION	BY	DATE

WESTWARD
Environmental. Engineering. Natural Resources.
P.O. Box 2205 Boerne, Texas 78006
(830) 249-8284 Fax: (830) 249-0221
TBPE REG. NO.: F-4524
TBPG REG. NO.: 50112

SHEET NO.: 2 OF 3

IMAGE:	N/A
ISSUE DATE:	11/20/2024
DRAWN BY:	NMS
CHECKED BY:	CGC
SCALE: 1" =	200'
JOB NO.:	10853-270

N

0 100 200 400

SCALE: 1" = 200'

LEGEND

- PROPERTY LINE
- ADJACENT PROPERTY LINE
- 900 EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- 950 PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- LINEAR WATER BODIES
- BERM
- 100-YR FLOODPLAIN
- BASE AREA
- GRASS/VEGETATED BUFFER AREA

FINAL EARTHEN BERM

FINAL 50' VEGETATIVE BUFFER

COBBS SPRING BRANCH

CALCULATED FLOODPLAIN

25' BUFFER

CALCULATED FLOODPLAIN

EXCAVATION WILL BE NO DEEPER THAN 740 FT. AMSL.

PROJECT BOUNDARY

CALCULATED FLOODPLAIN

PAVED RAISED CROSSING

(3) 48" CULVERTS

25' BUFFER

CALCULATED FLOODPLAIN

ASPHALT INC. OWNS AND OPERATES A QUARRY ADJACENT TO THIS PROPERTY. THE QUARRY LIMITS WILL EXTEND ON TO THIS PROPERTY AS SHOWN.

SITE ENTRANCE

COBBS SPRING BRANCH

(3) 48" CULVERTS

PAVED RAISED CROSSING

FINAL EARTHEN BERM

CALCULATED FLOODPLAIN

COBBS SPRING BRANCH

FINAL CONDITIONS

WPAP – RONALD REAGAN QUARRY EAST

ASPHALT INC.

RONALD REAGAN BLVD. GEORGETOWN, TX

11/21/2024

STATE OF TEXAS
CURT GARRETT CAMPBELL
106851
LICENSED PROFESSIONAL ENGINEER

Curt G. Campbell, P.E.
License No. 106851

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SHEET NO.: 1 OF 3

IMAGE:	N/A
ISSUE DATE:	11/20/2024
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Temporary Stormwater Section

Texas Commission on Environmental Quality

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

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

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

Section 1.01 Signature

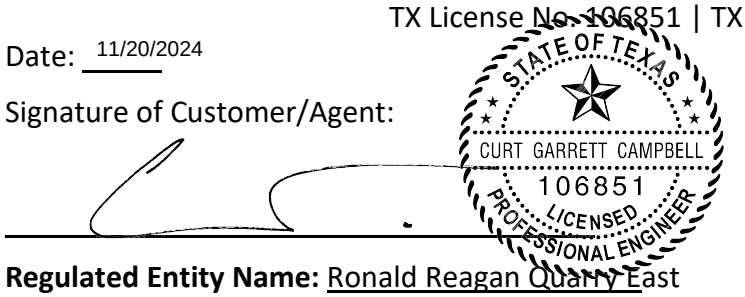
To the best of my knowledge, the responses to this form accurately reflect all information requested concerning the proposed regulated activities and methods to protect the Edwards Aquifer. This **Temporary Stormwater Section** is hereby submitted for TCEQ review and executive director approval. The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

Print Name of Customer/Agent: Curt G. Campbell, P.E.

TX License No. 106851 | TX Firm No. 4525

Date: 11/20/2024

Signature of Customer/Agent:



Regulated Entity Name: Ronald Reagan Quarry East

Section 1.02 Project Information

Section 1.03 Potential Sources of Contamination

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

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

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

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

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

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

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

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

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

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

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

Section 1.04 Sequence of Construction

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

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

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

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

Section 1.05 Temporary Best Management Practices (TBMPs)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

☒ N/A

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

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

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

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

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

Section 1.06 Soil Stabilization Practices

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

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

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

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

Section 1.07 Administrative Information

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

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

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

Asphalt Inc., LLC
Ronald Reagan Quarry East

Temporary Stormwater Section Attachment A

Spill Response Actions

Education

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

(2) Educate employees and subcontractors on potential dangers to humans and the environment from spills and leaks.

(3) Hold regular meetings to discuss and reinforce appropriate disposal procedures (incorporate into regular safety meetings).

(4) Establish a continuing education program to indoctrinate new employees.

(5) Have contractor's superintendent or representative oversee and enforce proper spill prevention and control measures.

General Measures

(1) To the extent that the work can be accomplished safely, spills of oil, petroleum products, substances listed under 40 CFR parts 110,117, and 302, and sanitary and septic wastes should be contained and cleaned up in a timely manner.

(2) Store hazardous materials and wastes in covered containers and protect from vandalism.

(3) Place a stockpile of spill clean-up materials where it will be readily accessible.

(4) Train employees in spill prevention and cleanup.

(5) Designate responsible individuals to oversee and enforce control measures.

(6) Spills should be covered and protected from stormwater run-on during rainfall to the extent that it doesn't compromise cleanup activities.

(7) Do not bury or wash spills with water.

(8) Store and dispose of used clean up materials, contaminated materials, and recovered spill material that is no longer suitable for the intended purpose in conformance with the provisions in applicable BMPs.

(9) Do not allow water used for cleaning and decontamination to enter storm drains or watercourses. Collect and dispose of contaminated water in accordance with applicable regulations.

(10) Contain water overflow or minor water spillage and do not allow it to discharge into drainage facilities or watercourses.

(11) Place Material Safety Data Sheets (MSDS), as well as proper storage, cleanup, and spill reporting instructions for hazardous materials stored or used on the project site in an open, conspicuous, and accessible location.

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

Cleanup

(1) Clean up leaks and spills in a timely manner.

(2) Use a rag for small spills on paved surfaces, a damp mop for general cleanup, and absorbent material for larger spills. If the spilled material is hazardous, then the used cleanup materials are also hazardous and must be disposed of as hazardous waste.

(3) Never hose down or bury dry material spills. Clean up as much of the material as possible and dispose of properly. See the waste management BMPs in this section for specific information.

Minor Spills

(1) Minor spills typically involve small quantities of oil, gasoline, paint, etc. which can be controlled by the first responder at the discovery of the spill.

(2) Use absorbent materials on small spills rather than hosing down or burying the spill.

(3) Absorbent materials should be promptly removed and disposed of properly.

(4) Follow the practice below for a minor spill:

(5) Contain the spread of the spill.

(6) Recover spilled materials.

(7) Clean the contaminated area and properly dispose of contaminated materials.

Semi-Significant Spills

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

Spills should be cleaned up in a timely manner:

(1) Contain spread of the spill.
(2) Notify the project foreman in a timely manner.

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

(4) If the spill occurs in dirt areas, contain the spill by constructing an earthen dike. Dig up and properly dispose of contaminated soil.

(5) If the spill occurs during rain, cover spill with tarps or other material to prevent contaminating runoff.

Significant/Hazardous Spills

For significant or hazardous spills that are in reportable quantities:

(1) Notify the TCEQ by telephone as soon as possible and within 24 hours at 512-339-2929 (Austin) or 210-490-3096 (San Antonio) between 8 AM and 5 PM. After hours, contact the Environmental Release Hotline at 1-800-832-8224. It is the contractor's responsibility to have all emergency phone numbers at the construction site.

(2) For spills of federal reportable quantities, in conformance with the requirements in 40 CFR parts 110,119, and 302, the contractor should notify the National Response Center at (800) 424-8802.

(3) Notification should first be made by telephone and followed up with a written report.

(4) The services of a spills contractor or a Haz-Mat team should be obtained in a timely manner. Construction personnel should not attempt to clean up until the appropriate and qualified staffs have arrived at the job site.

(5) Other agencies which may need to be consulted include, but are not limited to, the City Police Department, County Sheriff Office, Fire Departments, etc.

In the event of a reportable spill, the following Emergency Response Agencies can be contacted for assistance. Always inform your supervisor of a reportable spill in a timely manner. Follow company policy when responding to an emergency.

State Emergency Response Commission	(512) 463-7727
National Response Center	(800) 424-8802
US EPA Region 6, Dallas, 24-hr Number	(866) 372-7745
National Weather Service	(281) 337-5074
TCEQ 24-hr	(800) 832-8224
TCEQ Region 13	(210) 490-3096

Vehicle and Equipment Maintenance

(1) If maintenance must occur on-site, use a designated area and a secondary containment, located away from drainage courses, to prevent the run-on of stormwater and the runoff of spills.

(2) Regularly inspect on-site vehicles and equipment for leaks and repair in a timely manner.

(3) Check incoming vehicles and equipment (including delivery trucks, and employee and subcontractor vehicles) for leaking oil and fluids. Do not allow leaking vehicles or equipment on-site.

(4) Always use secondary containment, such as a drain pan or drop cloth, to catch spills or leaks when removing or changing fluids.

(5) Place drip pans or absorbent materials under paving equipment when not in use.

(6) Use absorbent materials on small spills rather than hosing down or burying the spill. Remove the absorbent materials promptly and dispose of properly.

(7) Promptly transfer used fluids to the proper waste or recycling drums. Don’t leave full drip pans or other open containers lying around.

(8) Oil filters disposed of in trashcans or dumpsters can leak oil and pollute stormwater. Place the oil filter in a funnel over a waste oil-recycling drum to drain excess oil before disposal. Oil filters can also be recycled. Ask the oil supplier or recycler about recycling oil filters.

(9) Store cracked batteries in a non- leaking secondary container. Do this with all cracked batteries even if you think all the acid has drained out. If you drop a battery, treat it as if it is cracked. Put it into the containment area until you are sure it is not leaking.

Vehicle and Equipment Fueling

(1) If fueling must occur on site, use designated areas, located away from drainage courses, to prevent the run-on of stormwater and the runoff of spills.

(2) Discourage “topping off” of fuel tanks.

(3) Always use secondary containment, such as a drain pan, when fueling to catch spills/ leaks.

(4) Routine maintenance willtake place at the shop buildingor at appropriate facilities on the adjacent site.Fuelingof large slow-moving equipment will take place on compacted base pads within the quarry pitand/or with drip pans as appropriate.Permanent fuel storage tanksare not proposed at this time, however, should an appropriate AST Plan be approved in the future, fueling areas (tank containment(s), fueling pad(s), etc.) may be established in the pit.

Asphalt Inc., LLC
Ronald Reagan Quarry East

DETAILED TELEPHONE SPILL REPORT FORM

Date of Incident: _____

Location of Incident: _____

Description of material spilled: _____

Quantity of material spilled: _____

Cause of spill: _____

Authorities notified: _____

Remediation/clean-up action: _____

_____

_____

_____

_____

Corrective measures taken for prevention of reoccurrence: _____

_____

_____

_____

_____

Signature: _____

Notes: _____

_____

_____

_____

Portable Toilet BMPs:

Portable toilets and/or sewage pump-out tanks will be used on-site and will be handled in accordance with the following guidelines:

- A licensed waste collector should service all the toilets/tanks. **The following tasks will be performed by the portable toilet supplier:**
  - Empty portable toilets/tanks before transporting them.
  - Securely fasten the toilets/tanks to the transport truck.
  - Use hand trucks, dollies, and power tailgates whenever possible.
  - Suppliers should carry bleach for disinfection in the event of a spill or leak.
  - Inspect the toilets frequently for leaks and have the units serviced and sanitized at time intervals that will maintain sanitary conditions of each toilet.
  - Pump-out tanks should be checked periodically for leaks. (Methods may include, but are not limited to: visual inspection, water level monitoring, pump-out volume comparisons, etc.)
- Locate portable toilets at least 20 feet from the nearest storm-drain inlet or sensitive-feature buffer area
- A berm will be constructed around all portable toilet facilities.
- Prepare a level ground surface with clear access to the toilets.
- Secure all portable toilets to prevent tipping by accident, weather, or vandalism.

Sewage pump-out tanks may be associated with modular or trailer-style buildings (i.e. – plant office, scale house, etc.). These tanks operate with the same nature and character as the portable toilets: they temporarily hold sewage from modular building restrooms and will be serviced by the same contractor, in the same way, as portable toilets. These tanks may be partially or fully buried but are still considered temporary/portable as they are intended to be repositioned on site over time to meet operational needs, and therefore do not constitute an OSSF or holding tank as defined by 30 TAC 285, nor any other type of organized sewage collection system.

Temporary Stormwater Section Attachment B

Potential Sources of Contamination

Potential sources of contamination in the project area are the soil, fuels and lubricants from vehicles and equipment, and trash/debris items.

Temporary Stormwater Section Attachment C

Sequence of Major Activities

The proposed paved entrance drive will be constructed up to the initial pit area. Clearing will take place for the quarry progression. The cleared topsoil will be used to construct earthen berms surrounding the cleared area. Berms will be 2-4 feet high. Temporary earthen berms and silt fence will be established, as appropriate, to treat stormwater runoff from cleared areas until such time as the quarry pit excavation is of sufficient size to retain runoff from cleared areas. When the pit is of sufficient size, stockpiles and/or processing equipment may be located in the quarry pit. The earthen berms surrounding the quarry will expand as the quarry expands to the Final Earthen Berm.

Asphalt Inc., LLC
Ronald Reagan Quarry East

Temporary Stormwater Section Attachment D

Temporary Best Management Practices (TBMPs) and Measures

7a) TBMPs and measures will prevent pollution of surface water, groundwater and stormwater that originates upgradient from the site and flows across the site.

As the incremental quarry area is cleared and topsoil is removed, earthen berms will be constructed. Upgradient berms will direct stormwater runoff around disturbed areas of the site.

As the size of the quarry expands, the earthen berms will expand throughout the life of the project. These berms will divert upgradient stormwater around disturbed areas of the site. Temporary natural existing vegetation will be maintained in a 25-foot buffer along the FEMA 100-year floodplain. This buffer will be maintained until appropriate permits can be obtained from FEMA and/or USACE to allow construction or mining in the area. In addition, a natural vegetated buffer with a minimum width of 50 feet will be maintained between the Final Earthen Berm and the property line. This natural vegetated buffer will serve as a final buffer for stormwater runoff leaving the active portion of the site.

7b) TBMPs and measures will prevent pollution of surface water, groundwater and stormwater that originates on-site or flows off site, including pollution caused by contaminated stormwater runoff from the site.

As the size of the quarry expands, the earthen berms will expand throughout the life of the project. As large areas are cleared, temporary earthen berms and/or silt fencing will be established in downgradient areas to contain or treat all on-site stormwater.

Natural existing vegetation will be maintained in a 25-foot buffer along the FEMA 100-year floodplain of Cobbs Spring Branch. This buffer will be maintained until appropriate permits can be obtained from FEMA and/or USACE to allow construction or mining in the area. In addition, a natural vegetated buffer with a minimum width of 50 feet will be maintained between the Final Earthen Berm and the property line. This natural vegetated buffer will serve as a final buffer for stormwater runoff leaving the active portion of the site.

7c) TBMPs and measures will prevent pollution of surface streams, sensitive features and the aquifer.

As the size of the quarry expands, the earthen berms will expand throughout the life of the project. As large areas are cleared, temporary earthen berms and/or silt fencing will be established in downgradient areas to treat all on-site stormwater.

Earthen berms and vegetated areas will be constructed/maintained as shown on the attached Interim & Final Conditions Site Plans to prevent pollutants from entering surface streams, sensitive features and the aquifer.

Temporary natural existing vegetation will be maintained in a 25-foot buffer along the FEMA 100-year floodplain. This buffer will be maintained until appropriate permits can be obtained from

FEMA and/or USACE to allow mining in the area. In addition, a natural vegetated buffer with a minimum width of 50 feet will be maintained between the Final Earthen Berm and the property line. This natural vegetated buffer will serve as a final buffer for stormwater runoff leaving the active portion of the site.

7d) To the maximum extent practicable TBMPs and measures will maintain flow to naturally-occurring sensitive features identified in the geologic assessment, TCEQ inspections, or during excavation, blasting, or construction.

A geologic assessment has been completed for the proposed 164-acre site and is included with this application. No karst features were identified as sensitive.

Earthen berms, vegetative buffer, and the quarry, which store flows, will be used as pollution prevention measures to mitigate runoff from larger disturbed areas. These larger disturbed areas (the pit) have a greater potential to contain sediment, therefore these BMPs will be used to provide a higher level of protection to the aquifer.

Asphalt Inc., LLC will provide initial feature recognition training to mining staff within 90 days of approval of this WPAP application. Initial feature recognition training will also be provided to applicable new employees (site supervisors and quarry operators) within 90 days of hire. Refresher training will be provided to quarry operators as needed. All training will be conducted by the Site Supervisor or his designee using a training program prepared by a PG.

The site supervisor or his designee will maintain records of when features are identified by mining staff. These records will include the date the feature was identified, the general location of the feature, a general description of the feature, and what action was taken regarding the potential feature. These records will be maintained for five years and will be made available to the TCEQ upon request.

Any possibly sensitive geologic feature discovered by mining staff will be handled in the following manner: Sediment that can be easily removed from the area adjacent to the feature without disturbing the feature will be removed. Then a rock berm will be placed around the feature to control and filter any potential flows into the feature. After placement of the rock berm, the active work area of the quarry will be moved to another portion of the pit where the feature cannot be impacted by the continuing quarry operations. A Professional Geologist will be called to the site to assess and rate the feature. If the feature is determined to be sensitive in accordance with TAC 213 rules, the TCEQ will be notified and an appropriate method for addressing the feature will be formulated and submitted for TCEQ approval. Work will not resume in the area of the feature until the TCEQ approved method for addressing the feature has been carried out.

Temporary Stormwater Section Attachment E

Request to Temporarily Seal a Feature

N/A

Asphalt Inc., LLC
Ronald Reagan Quarry East

Temporary Stormwater Section Attachment F

Structural Practices

Temporary best management practices proposed for the limestone quarry may include earthen berms, silt fencing, and natural vegetated buffers. The silt fencing, temporary earthen berms and vegetated buffers are used to limit runoff discharge of sediment. The earthen berms are used to store flows and limit runoff discharge of pollutants from exposed areas of the site as well as to divert flows away from exposed (disturbed) soils.

As large areas are cleared, temporary sediment basins and/or silt fencing will be established in downgradient areas to treat all on-site stormwater. An approximate configuration for these BMPs near the initial pit area is shown on the attached Interim Conditions plan sheet. Exact drainage areas, basin sizes, and locations may be adjusted in the field based on actual clearing progression, in accordance with the site's Stormwater Pollution Prevention Plan. This same method of clearing and temporary stormwater treatment will be repeated as clearing progresses across the site over time.

Temporary Stormwater Section Attachment H

N/A

Temporary Stormwater Section Attachment I

Inspection and Maintenance for BMPs

The earthen berms and vegetated buffers should be inspected quarterly; temporary earthen berms and silt fencing should be inspected weekly and after each rainfall. Written documentation of these inspections should be kept at the project site (see following example Inspection Form.) Any erosion of berms should be backfilled and compacted as soon as possible. If a berm is no longer able to properly filter the sediment from the stormwater due to contamination from silt, it should be replaced. Trash should be removed, and any eroded areas of buffers should be reseeded.

The crossings will be on-grade but will remain closed during runoff events that cause flowing water over the top of the crossing. Since these crossings are private, crossing traffic is limited to quarry vehicles only and can be managed by site personnel during runoff events during times of quarry operation. A sweeper truck will be utilized as needed to remove a buildup of sediment that could potentially become TSS in a runoff event.

Crossing BMP:

- Crossing shall be paved to prevent erosion.
- Gates shall be installed which will allow crossing to be closed during runoff events during operation business hours.
- Drivers should be trained to avoid using the crossing when water is flowing.
- Drivers/Site Manager will close the gate when runoff is present over the crossing during operation business hours.

- Gate shall only be opened when runoff is no longer present over crossing. This will be confirmed by visual inspection.

Inspection Schedule:

- Inspection should be made weekly. Check the embankment and surrounding area for erosion damage, and inspect for piping, rills and settlement. Repair should be made promptly as needed.
- Trash and other debris should be removed after each rainfall.
- Sediment should be removed vis sweeper truck as needed.

Record Keeping:

- Records shall be kept of sweeping activities.
- Records shall be kept of driver training.
- It is anticipated that this training will be integrated into the existing stormwater training at this facility and that records will be kept with the SWPPP.
- All records shall be maintained on-site for a period of 6 months.
- Records of crossing inspection shall be kept with SWPPP.

Asphalt Inc., LLC will be authorized to discharge stormwater under the TPDES General Permit No. TXR050000 for industrial activities. Requirements of the general permit include maintaining a SWP3 which includes inspections of stormwater best management practices and sampling of stormwater that is discharged from the site.

It is not anticipated that dewatering of the pit will be required. However, if necessary, mine dewatering will be accomplished according to the TCEQ stormwater regulations noted in the TPDES General Permit No. TXR050000 under Sector J for Mineral Mining and Processing Facilities.

		Quarterly			Weekly and After Rainfall		
		Vegetated Buffers		Earthen Berms	Silt Fence		
Date	Inspector Signature	Trash	Vegetative Cover/Erosion	Erosion of Earthen Berm	Damage	Sediment Build-up	Additional Comments

If the answer to any of the above questions is "yes", perform maintenance/repair/replacement as described below or in accordance with TCEQ Technical Guidance on BMPs.

Earthen Berm

* Erosion of earthen berm - fill eroded areas and compact

Natural Vegetated Buffers

* Remove trash if present
* Reseeed eroded areas to reestablish vegetation

Silt Fence

* Repair any torn fabric, crushed/collapsed sections, etc.
* Remove sediment when buildup reaches 6 inches

Asphalt Inc., LLC
Ronald Reagan Quarry East

Temporary Stormwater Section Attachment J

Schedule of Soil Stabilization Practices

Areas Outside The Pit:

Cleared areas and interim earthen berms may be disturbed for more than 14 days without stabilization because it is not practical to be continually stabilizing small areas prior to their excavation and stabilizing the earthen berms that are frequently relocated. The purpose of soil stabilization is to control erosion and prevent pollutants from entering surface waters, streams, and the aquifer through sensitive recharge features. Areas outside of the pit that are disturbed for quarrying are often drilled and blasted within 90 days. It is not feasible or appropriate to try to stabilize these areas with vegetation because 1) the topsoil has been removed and vegetation will not readily grow; 2) these areas will soon be excavated and; 3) other structural BMPs will be used to protect stormwater runoff quality from these areas in a manner consistent with customary and acceptable mining practices.

Because the soils and overburden in these cleared areas have been removed and placed in an earthen berm adjacent to the cleared areas, erosion of these areas is mitigated. The earthen berms upgradient of the cleared areas divert upgradient stormwater away from cleared areas and earthen berms and/or sediment basins downgradient of cleared areas will treat and/or retain stormwater runoff from the cleared area. The proposed BMPs provide adequate protection for the area outside of the pit.

Material stockpiles will be located within the quarry pit and earthen berms.

For the case when the quarry operations have been completed (permanently ceased) all stormwater will be retained in the pit. The Final Earthen Berm outside the pit will be stabilized with native grasses. The undisturbed vegetated buffers shown on the Final Conditions plan sheet will remain undisturbed so no additional stabilization practices will be needed.

Areas Inside The Pit:

Areas inside the pit do not need to be stabilized; the requirement for soil stabilization exists in order to control erosion and prevent pollutants from entering surface waters, streams and the aquifer through sensitive recharge features. The disturbed soils in or upgradient of the quarry pit will be retained in the pit thereby eliminating the need for soil stabilization in the pit to prevent pollutants from entering surface waters or streams. The BMP discussed in the WPAP Temporary Stormwater Section Attachment D (7.d.) will mitigate infiltration of stormwater into the quarry floor. In addition it is not practical to stabilize areas of the pit with vegetation because often times areas of the pit will not be active for some period of time, then be reactivated. Therefore, since the disturbed areas will be located in the pit no soil stabilization is expected to be necessary at the completion of the project.

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

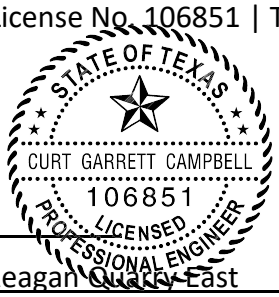
To the best of my knowledge, the responses to this form accurately reflect all information requested concerning the proposed regulated activities and methods to protect the Edwards Aquifer. This **Permanent Stormwater Section** is hereby submitted for TCEQ review and executive director approval. The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

Print Name of Customer/Agent: Curt G. Campbell, P.E.

TX License No. 106851 | TX Firm No. 4525

Date: 11/20/2024

Signature of Customer/Agent



Regulated Entity Name: Ronald Reagan Quarry East

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.

   ☐ N/A

2. ☒ These practices and measures have been designed, and will be constructed, operated, and maintained to insure that 80% of the incremental increase in the annual mass loading of total suspended solids (TSS) from the site caused by the regulated activity is removed. These quantities have been calculated in accordance with technical guidance prepared or accepted by the executive director.

☒ The TCEQ Technical Guidance Manual (TGM) was used to design permanent BMPs and measures for this site.

☐ A technical guidance other than the TCEQ TGM was used to design permanent BMPs and measures for this site. The complete citation for the technical guidance that was used is: _____

☐ N/A

3. ☒ Owners must insure that permanent BMPs and measures are constructed and function as designed. A Texas Licensed Professional Engineer must certify in writing that the permanent BMPs or measures were constructed as designed. The certification letter must be submitted to the appropriate regional office within 30 days of site completion.

   ☐ N/A

4. Where a site is used for low density single-family residential development and has 20 % or less impervious cover, other permanent BMPs are not required. This exemption from permanent BMPs must be recorded in the county deed records, with a notice that if the percent impervious cover increases above 20% or land use changes, the exemption for the whole site as described in the property boundaries required by 30 TAC §213.4(g) (relating to Application Processing and Approval), may no longer apply and the property owner must notify the appropriate regional office of these changes.

   ☐ The site will be used for low density single-family residential development and has 20% or less impervious cover.

   ☐ The site will be used for low density single-family residential development but has more than 20% impervious cover.

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

   ☐ **Attachment 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 description of the BMPs and measures that will be used to prevent pollution of surface water, groundwater, or stormwater that originates upgradient from the site and flows across the site is attached.

☐ No surface water, groundwater or stormwater originates upgradient from the site and flows across the site, and an explanation is attached.

☐ Permanent BMPs or measures are not required to prevent pollution of surface water, groundwater, or stormwater that originates upgradient from the site and flows across the site, and an explanation is attached.

7. ☒ **Attachment C - BMPs for On-site Stormwater**.

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

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

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

☐ N/A

9. ☒ The applicant understands that to the extent practicable, BMPs and measures must maintain flow to naturally occurring sensitive features identified in either the geologic assessment, executive director review, or during excavation, blasting, or construction.

☒ The permanent sealing of or diversion of flow from a naturally-occurring sensitive feature that accepts recharge to the Edwards Aquifer as a permanent pollution abatement measure has not been proposed.

☐ **Attachment E - Request to Seal Features**. A request to seal a naturally-occurring sensitive feature, that includes, for each feature, a justification as to why no reasonable and practicable alternative exists, is attached.

10. ☒ **Attachment F - Construction Plans**. All construction plans and design calculations for the proposed permanent BMP(s) and measures have been prepared by or under the direct supervision of a Texas Licensed Professional Engineer, and are signed, sealed, and dated. The plans are attached and, if applicable include:

☒ Design calculations (TSS removal calculations)
☒ TCEQ construction notes
☒ All geologic features
☒ All proposed structural BMP(s) plans and specifications

☐ N/A

11. ☒ **Attachment G - Inspection, Maintenance, Repair and Retrofit Plan**. A plan for the inspection, maintenance, repairs, and, if necessary, retrofit of the permanent BMPs and measures is attached. The plan includes all of the following:

    ☒ Prepared and certified by the engineer designing the permanent BMPs and measures
    ☒ Signed by the owner or responsible party
    ☒ Procedures for documenting inspections, maintenance, repairs, and, if necessary retrofit
    ☒ A discussion of record keeping procedures

    ☐ N/A

12. ☐ **Attachment H - Pilot-Scale Field Testing Plan**. Pilot studies for BMPs that are not recognized by the Executive Director require prior approval from the TCEQ. A plan for pilot-scale field testing is attached.

    ☒ N/A

13. ☒ **Attachment I -Measures for Minimizing Surface Stream Contamination**. A description of the measures that will be used to avoid or minimize surface stream contamination and changes in the way in which water enters a stream as a result of the construction and development is attached. The measures address increased stream flashing, the creation of stronger flows and in-stream velocities, and other in-stream effects caused by the regulated activity, which increase erosion that results in water quality degradation.

    ☐ N/A

Responsibility for Maintenance of Permanent BMP(s)

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

14. ☒ 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.

    ☐ N/A

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

    ☐ N/A

Asphalt Inc., LLC
Ronald Reagan Quarry East

Permanent Stormwater Section Attachment B

BMPs for Upgradient Stormwater

A description of the BMPs and measures that will be used to prevent pollution of surface water, groundwater or stormwater that originates upgradient from the site and flows across the site:

The temporary earthen berms that are constructed as clearing occurs will expand as the size of the quarry expands. The earthen berms will expand throughout the life of the project to the Final Earthen Berm shown on the Proposed Conditions Map. The Final Earthen Berm will be vegetated with native grasses to stabilize soils.

Permanent stormwater controls are those that are to remain in place after construction has been completed. At the time construction is completed at the subject site, the vegetated Final Earth Berm and the 50-foot vegetated buffer that surround most of the site, along portions the property boundary adjacent to non-mining uses.

The final earthen berms and 25-foot buffers will be maintained along floodplain (except where crossings are located) to protect Cobbs Spring Branch as it flows across the site.

Permanent Stormwater Section Attachment C

BMPs for On-site Stormwater

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

Pollution of surface water, groundwater or stormwater that originates on-site or flows off-site during the life of the quarry will be mitigated by the use of temporary earthen berms vegetated areas, and the pit which will be constructed as shown on the Proposed Conditions Map.

Permanent stormwater controls are those that are to remain in place after construction has been completed. At the time construction is completed at the subject site, the vegetated Final Earth Berm and the 50 foot vegetated buffer that surround most of the site, along portions the property boundary adjacent to non-mining uses.

The final earthen berms and 25-foot buffers will be maintained along floodplain (except where crossings are located) to protect Cobbs Spring Branch as it flows across the site.

Permanent Stormwater Section Attachment D

BMPs for Surface Streams

A description of the BMPs and measures that prevent pollutants from entering surface streams, sensitive features or the aquifer:

During the life of the quarry, temporary earthen berms will be constructed to prevent pollutants from entering surface streams and the aquifer.

Permanent stormwater controls are those that are to remain in place after construction has been completed. At the time construction is completed at the subject site, the vegetated Final Earthen Berm and the 50-foot vegetated buffer that surround most of the site will be located along the property boundary.

Any possibly sensitive geologic feature discovered by mining staff will be evaluated by a Professional Geoscientist and if determined to be sensitive, will be reported to TCEQ. An appropriate method for addressing the feature will be formulated by a Professional Geoscientist or a Professional Engineer and upon approval by TCEQ, the method to protect the feature will be implemented. Work will not resume in the area of the feature until the TCEQ approved method for addressing the feature has been carried out.

The final earthen berms and 25-foot buffers will be maintained along floodplain (except where crossings are located) to protect Cobbs Spring Branch as it flows across the site.

Permanent Stormwater Section Attachment E

Request to Seal Features

No features are proposed to be permanently sealed.

Permanent Stormwater Section Attachment F

Construction Plans

Please see attached Final Conditions plan sheet.

Texas Commission on Environmental Quality

TSS Removal Calculations 04-20-2009

Project Name: **Ronald Reagan Quarry**
Date Prepared: **1/3/2025**

Additional information is provided for cells with a red triangle in the upper right corner. Place the cursor over the cell.
Text shown in blue indicate location of instructions in the Technical Guidance Manual - RG-348.
Characters shown in red are data entry fields.
Characters shown in black (Bold) are calculated fields. Changes to these fields will remove the equations used in the spreadsheet.

1. The Required Load Reduction for the total project: Calculations from RG-348 Pages 3-27 to 3-30

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

where:

$L_{M\ TOTAL\ PROJECT}$ = Required TSS removal resulting from the proposed development = 80% of increased load
A_N = Net increase in impervious area for the project
P = Average annual precipitation, inches

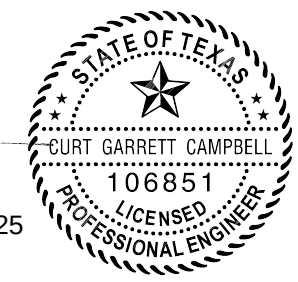
Site Data: Determine Required Load Removal Based on the Entire Project

County =	**Williamson**	
Total project area included in plan * =	**164.00**	acres
Predevelopment impervious area within the limits of the plan * =	**0.00**	acres
Total post-development impervious area within the limits of the plan* =	**1.19**	acres
Total post-development impervious cover fraction * =	**0.01**	
P =	**32**	inches
$L_{M\ TOTAL\ PROJECT}$ =	**1036**	lbs.

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

Number of drainage basins / outfalls areas leaving the plan area = **1**

1/3/2025



Asphalt Inc., LLC
Ronald Reagan Quarry East

Permanent Stormwater Section Attachment G

Inspection, Maintenance, Repair and Retrofit Plan

Final earthen berms should be inspected quarterly until stabilized with vegetation. Written documentation of these inspections should be kept during the course of construction at the project site. Any erosion of berms should be backfilled and compacted as soon as possible.

Vegetated buffers should be inspected at least twice annually, until the Final Earthen Berm has been vegetated, for erosion or damage to vegetation. Written documentation of these inspections should be kept during the course of construction at the project site. Bare spots and areas of erosion identified during inspections must be replanted. Trash and debris items should be removed.

Asphalt Inc.
Ronald Reagan Quarry

Inspection, Maintenance, Repair and Retrofit Plan

I, Thomas Playfair, have read and understand the Inspection, Maintenance, Repair and Retrofit (IMRR) Plan contained in this Water Pollution Abatement Plan (WPAP).

I understand the specific Permanent Best Management Practices (PBMPs) and associated inspection and maintenance schedule which are outlined in this IMRR Plan. Asphalt Inc. will implement these inspections and perform maintenance as required to meet the intent of the IMRR Plan.

Name and signature of responsible party for maintenance of permanent BMPs

Print Name: Thomas Playfair
Asphalt Inc.

Signature _____ Date: 4-23-24

Name and signature of Engineer

Print Name: Curt Garrett Campbell, PE
Westward Environmental, Inc.

Signature _____ Date: 11/20/2024

STATE OF TEXAS
CURT GARRETT CAMPBELL
106851
LICENSED
PROFESSIONAL ENGINEER

Asphalt Inc., LLC
Ronald Reagan Quarry East

Permanent Stormwater Section Attachment I

Measures for Minimizing Surface Stream Contamination

To avoid surface stream contamination, natural existing vegetation will be maintained in a 25-foot buffer along the 100-year floodplain (except where the haul road passes through, as shown on the attached Final Conditions plan sheet). 25-foot vegetated buffers will be left in place to filter sediment in stormwater runoff until the quarrying of these areas begins. This natural vegetated buffer will serve as a final buffer for stormwater runoff leaving the active portion of the site. Any disturbance will be reestablished to its vegetated state within 14 days of completed construction.

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

I Thomas Playfair,
Print Name

Vice President of Plant Operations,
Title - Owner/President/Other

of Asphalt Inc., LLC,
Corporation/Partnership/Entity Name

have authorized Curt G. Campbell, PE; Gary D. Nicholls, PE; Andrea Kidd, PE, Nicholas Mercado, PE; Vance Houy, PE, Chelsy Houy, PE
Print Name of Agent/Engineer

of Westward Environmental, Inc.
Print Name of Firm

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

I also understand that:

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

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

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

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

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

SIGNATURE PAGE:

Applicant's Signature

1-23-24
Date

THE STATE OF Texas §

County of Travis §

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

GIVEN under my hand and seal of office on this 23rd day of January, 2024.

NOTARY PUBLIC

Jessica Harris
Typed or Printed Name of Notary

Jessica Jean Harris
My Commission Expires
8/31/2027
Notary ID 132112195

MY COMMISSION EXPIRES: 8/31/2027

Application Fee Form

Texas Commission on Environmental Quality
Name of Proposed Regulated Entity: Ronald Reagan Quarry East
Regulated Entity Location: Ronald W. Reagan Blvd, Georgetown, Texas 78633
Name of Customer: Asphalt Inc., LLC.
Contact Person: Thomas Playfair Phone: 512-428-5778
Customer Reference Number (if issued): 604722728
Regulated Entity Reference Number (if issued): 105532782

Austin Regional Office (3373)

☐ Hays ☐ Travis ☒ Williamson

San Antonio Regional Office (3362)

☐ Bexar ☐ Medina ☐ Uvalde
☐ Comal ☐ Kinney

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

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

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

Site Location (Check All That Apply):

☒ Recharge Zone ☐ Contributing Zone ☐ Transition Zone

Type of Plan	*Size*	*Fee Due*
Water Pollution Abatement Plan, Contributing Zone Plan: One Single Family Residential Dwelling	Acres	$
Water Pollution Abatement Plan, Contributing Zone Plan: Multiple Single Family Residential and Parks	Acres	$
Water Pollution Abatement Plan, Contributing Zone Plan: Non-residential	164 Acres	$ 10,000
Sewage Collection System	L.F.	$
Lift Stations without sewer lines	Acres	$
Underground or Aboveground Storage Tank Facility	Tanks	$
Piping System(s)(only)	Each	$
Exception	Each	$
Extension of Time	Each	$

Signature: Thomas Playfair

Date: 1-23-24

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 5 < 10 10 < 40 40 < 100 100 < 500 ≥ 500	$1,500 $3,000 $4,000 $6,500 $8,000 $10,000
Non-residential (Commercial, industrial, institutional, multi-family residential, schools, and other sites where regulated activities will occur)	< 1 1 < 5 5 < 10 10 < 40 40 < 100 ≥ 100	$3,000 $4,000 $5,000 $6,500 $8,000 $10,000

Organized Sewage Collection Systems and Modifications

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

Underground and Aboveground Storage Tank System Facility Plans and Modifications

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

Exception Requests

Project	*Fee*
Exception Request	$500

Extension of Time Requests

Project	*Fee*
Extension of Time Request	$150

TCEQ Use Only

TCEQ Core Data Form

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

SECTION I: General Information

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

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

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

2. Customer Reference Number *(if issued)*	Follow this link to search for CN or RN numbers in Central Registry**	3. Regulated Entity Reference Number *(if issued)*
CN 604722728		RN 105532782

SECTION II: Customer Information

4. General Customer Information | **5. Effective Date for Customer Information Updates** (mm/dd/yyyy)

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

The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).

6. Customer Legal Name *(If an individual, print last name first: eg: Doe, John)* *If new Customer, enter previous Customer below:*

Asphalt Inc., LLC

7. TX SOS/CPA Filing Number	8. TX State Tax ID (11 digits)	9. Federal Tax ID (9 digits)	10. DUNS Number *(if applicable)*
801852095	32052007807	N/A	N/A

11. Type of Customer: ☒ Corporation ☐ Individual Partnership: ☐ General ☐ Limited
Government: ☐ City ☐ County ☐ Federal ☐ State ☐ Other ☐ Sole Proprietorship ☐ Other:

12. Number of Employees ☒ 0-20 ☐ 21-100 ☐ 101-250 ☐ 251-500 ☐ 501 and higher

13. Independently Owned and Operated? ☒ Yes ☐ No

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

☐ Owner ☐ Operator ☒ Owner & Operator
☐ Occupational Licensee ☐ Responsible Party ☐ Voluntary Cleanup Applicant ☐ Other:

15. Mailing Address:

11675 Jollyville Road
Ste 150

City	State	ZIP	ZIP + 4
Austin	TX	78759	

16. Country Mailing Information *(if outside USA)*

17. E-Mail Address *(if applicable)*

thomas@lspaving.com

18. Telephone Number	19. Extension or Code	20. Fax Number *(if applicable)*
(512) 428-5778		(512) 897-5550

SECTION III: Regulated Entity Information

21. General Regulated Entity Information *(If 'New Regulated Entity" is selected below this form should be accompanied by a permit application)*

☐ 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 Agency Data Standards (removal of organizational endings such as Inc, LP, or LLC).

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

Ronald Reagan Quarry East

23. Street Address of the Regulated Entity: *(No PO Boxes)*	1725 County Road 239							
	City	Georgetown	**State**	TX	**ZIP**	78633	**ZIP + 4**	
24. County	Williamson							

Enter Physical Location Description if no street address is provided.

25. Description to Physical Location:	Site is on the north side of Ronald Reagan Blvd, apprximately 1.5 miles east of the intersection with SH 195				
26. Nearest City			**State**	**Nearest ZIP Code**	
Georgetown			TX	78633	
27. Latitude (N) In Decimal:	30.773339°	**28. Longitude (W) In Decimal:**	-97.697594°		
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds

29. Primary SIC Code (4 digits)	**30. Secondary SIC Code** (4 digits)	**31. Primary NAICSCode** (5 or 6 digits)	**32. Secondary NAICS Code** (5 or 6 digits)
1422		212312	

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

34. Mailing Address:	**11675 Jollyville Road**							
	Ste 201							
	City	**Austin**	**State**	**TX**	**ZIP**	**78759**	**ZIP + 4**	
35. E-Mail Address:	**thomas@lspaving.com**							

36. Telephone Number	**37. Extension or Code**	**38. Fax Number** *(if applicable)*
(512) 428-5778		**(512) 897-5550**

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
		Registering		
☐ Municipal Solid Waste	☐ New Source Review Air	☐ OSSF	☐ Petroleum Storage Tank	☐ PWS
☐ Sludge	☐ Storm Water	☐ Title V Air	☐ Tires	☐ Used Oil
☐ Voluntary Cleanup	☐ Waste Water	☐ Wastewater Agriculture	☐ Water Rights	☐ Other:

SECTION IV: Preparer Information

40. Name:	Natalie Sales	**41. Title:**	Staff Engineer

42. Telephone Number	**43. Ext./Code**	**44. Fax Number**	**45. E-Mail Address**
(830) 249-8284		(830) 249-0221	nsales@westwardenv.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:	Asphalt Inc., LLC	**Job Title:**	Manager
Name *(In Print):*	Thomas Playfair	**Phone:**	(512) 428- 5778
Signature:	Thomas Playfair	**Date:**	1-23-24