Martin Marrietta Materials, LLC

Water Pollution Abatement Plan

North Austin Quarry
1700 CR 147
Georgetown, Texas 78633
Williamson County

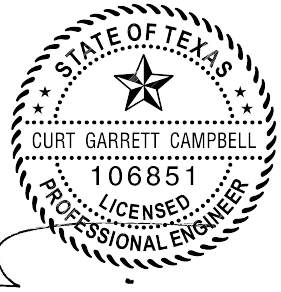
Submitted to: TCEQ Region 11 - Austin

Prepared By:

WESTWARD
Environmental. Engineering. Natural Resources.

Boerne, Texas
830-249-8284

Date: September 2025
Project No. 10006-51
-NMS-



Signature: _____
Curt G. Campbell, PE - License No. 106851
TX PE Firm No. 4524
Date: 9/12/2025

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)
  Comments to the Geologic Assessment Table
  Attachment B - Soil Profile and Narrative of Soil Units
  Attachment C - Stratigraphic Column
  Attachment D - Narrative of Site Specific Geology
  Site Geologic Map(s)
  Table or list for the position of features' latitude/longitude (if mapped using GPS)

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

  Attachment A - Factors Affecting 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 requesting an exception)
  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 sealing a feature
  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 project is multi-family residential, a school, or a small business and 20% or less impervious cover is proposed for the 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 BMPs not based on Complying with the Edwards Aquifer Rules: Technical Guidance for BMPs
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: North Austin Quarry						**2. Regulated Entity No.: RN104910823**			
3. Customer Name: Martin Marietta Materials Southwest LLC						**4. Customer No.: CN605057868**			
5. Project Type: (Please circle/check one)	New		Modification			Extension		Exception	
6. Plan Type: (Please circle/check one)	WPAP	CZP	SCS	UST	AST	EXP	EXT	Technical Clarification	Optional Enhanced Measures
7. Land Use: (Please circle/check one)	Residential		Non-residential			**8. Site (acres):**		368.527	
9. Application Fee:	$10,000		**10. Permanent BMP(s):**			Final Berm, Vegetative Buffer, Quarry Pit			
11. SCS (Linear Ft.):	N/A		**12. AST/UST (No. Tanks):**			5			
13. County:	Williamson		**14. Watershed:**			Dry 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	___Kinney	___EAA ___Medina	___EAA ___Uvalde
City(ies) Jurisdiction	___Castle Hills ___Fair Oaks Ranch ___Helotes ___Hill Country Village ___Hollywood Park ___San Antonio (SAWS) ___Shavano Park	___Bulverde ___Fair Oaks Ranch ___Garden Ridge ___New Braunfels ___Schertz	NA	___San Antonio ETJ (SAWS)	NA

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

Curt Campbell, PE – License No. 106851, TX PE Firm No. 4524

Print Name of Customer/Authorized Agent

9/12/2025

Signature of Customer/Authorized Agent Date

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

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.

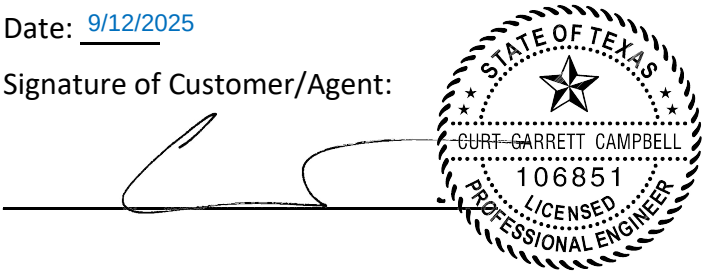
Section 1.01 Signature

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 PE, TX License No. 106851, TX Firm No. 4524

Date: 9/12/2025

Signature of Customer/Agent:



Section 1.02 Project Information

1. Regulated Entity Name: North Austin Quarry
2. County: Williamson County
3. Stream Basin: Berry Creek
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: Leslie Mackay
   Entity: Martin Marietta Materials Southwest, LLC.
   Mailing Address: 4949 N. Loop 1604 W, Suite 135

   City, State: San Antonio, TX Zip: 78249

   Telephone: 210-208-4067 FAX: _____

   Email Address: leslie.mackay@martinmarietta.com

8. Agent/Representative (If any):

   Contact Person: Curt G. Campbell, PE
   Entity: Westward Environmental, Inc.
   Mailing Address: P.O. Box 2205

   City, State: Boerne, TX Zip: 78006

   Telephone: 830-249-8284 FAX: 830-249-0221

   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.

    Travel north from Austin on IH-35 through Georgetown exiting Hwy 195 which only turns left. Remain on Hwy 195 for approx 0.2 miles and turn right on CR 143. Turn left on CR 234 for approx 1 mile, turn left on CR 147. Entrance on the left approx 0.3 miles

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: Site is already fenced

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:

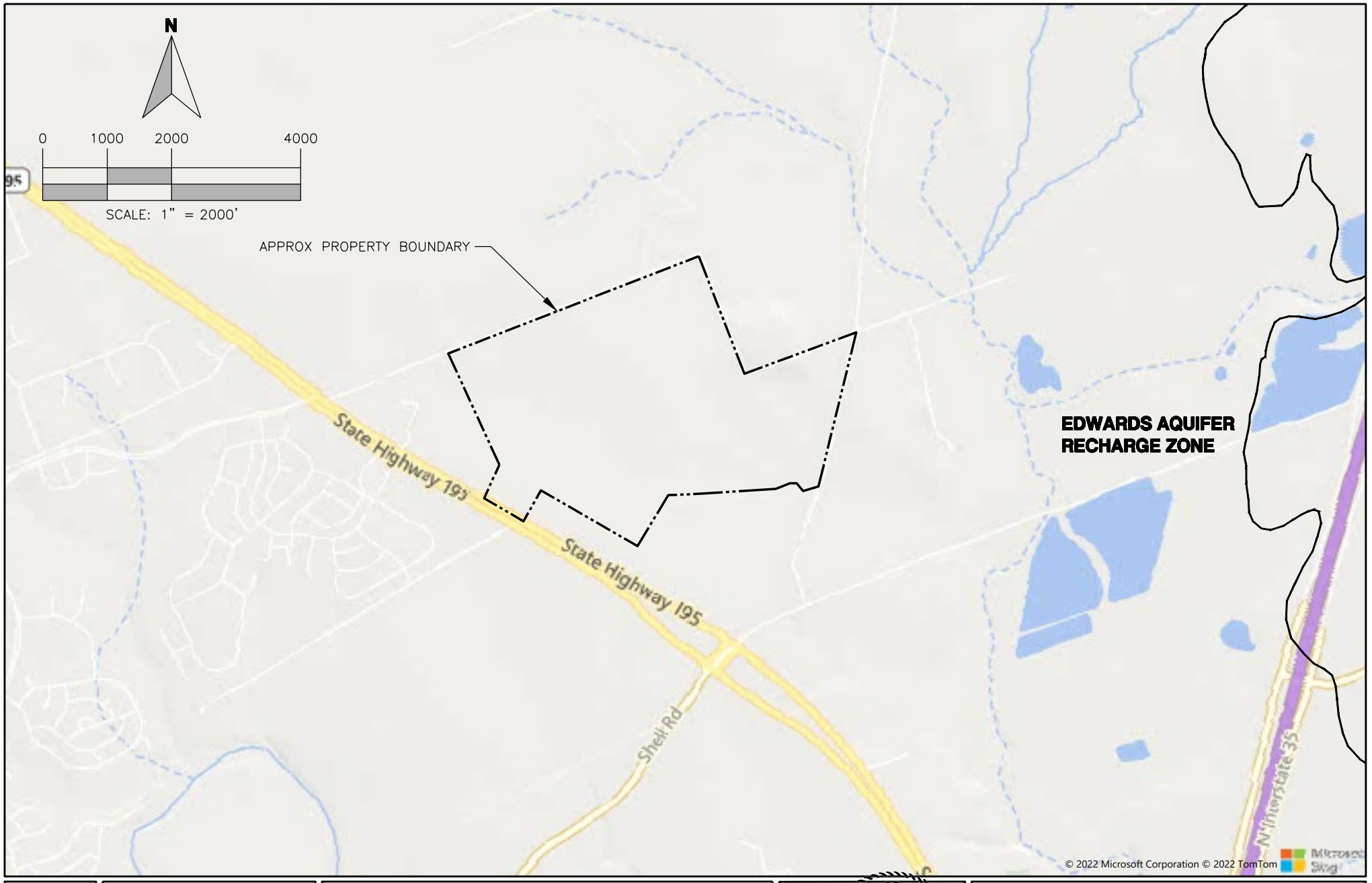
☒ For a Water Pollution Abatement Plan or Modification, the total acreage of the site where regulated activities will occur.
☐ For an Organized Sewage Collection System Plan or Modification, the total linear footage of all collection system lines.
☐ For a UST Facility Plan or Modification or an AST Facility 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
☒ 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.



ROAD MAP

WPAP MODIFICATION

MARTIN MARIETTA MATERIALS SOUTHWEST LLC

GEORGETOWN, WILLIAMSON COUNTY, TEXAS

9/12/2025

REV.	DESCRIPTION	BY	DATE

SHEET NO.: 1 OF 1

IMAGE: N/A	
ISSUE DATE:	06/11/2025
DRAWN BY:	JP/NMS
CHECKED BY:	CGC
SCALE: 1" =	2000'
JOB NO.:	10006-510

STATE OF TEXAS
CURT GARRETT CAMPBELL
106851
LICENSED
PROFESSIONAL ENGINEER

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

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

USGS/EDWARDS SITE MAP

WPAP MODIFICATION

MARTIN MARIETTA MATERIALS SOUTHWEST LLC

GEORGETOWN, WILLIAMSON COUNTY, TEXAS

STATE OF TEXAS
CURT GARRETT CAMPBELL
106851
LICENSED PROFESSIONAL ENGINEER
SURVEYING

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.: 1 OF 1

IMAGE:	N/A
ISSUE DATE:	6/23/2025
DRAWN BY:	JP/NMS
CHECKED BY:	CGC
SCALE: 1" =	2000'
JOB NO.:	130084-409

Martin Marietta Materials Southwest, LLC

North Austin Quarry

General Information Form Attachment C

Project Description

Martin Marietta Materials Southwest LLC (Martin Marietta) purchased this property from CC Aggregates, who had developed the property as a limestone quarry, and took responsibility for site operations as of October 1, 2021. Martin Marietta proposes to update the limits of disturbance and drainage patterns on their existing aggregate facility at their North Austin Quarry site located at 1701 County Road 147 in Williamson County, Texas. The 2 tracts for the site that are currently being developed total 368.527 acres. The site is located on the Edwards Aquifer Recharge Zone. Regulated activity on the site may include clearing, excavation, crushing, washing and processing operations, as well as mining of topsoil and sand & gravel.

The site has an existing aggregate facility as well as some existing ranch roads. Existing structures including foundations, roofs, compacted pads, etc. are located within the pit. All runoff from these structures will be retained within the pits. These structures may be relocated or reconfigured within the pits to meet operational needs of the site. Martin Marietta proposes to construct a new access driveway from Highway 195 to the Southwest portion of the site (see Interim Conditions Map). This drive will be paved for a minimum of 1,000 linear feet inside the project boundary and/or will employ a rumble grate(s) to remove mud and dirt from vehicles wheels prior to exiting the property. Drainage from this driveway will be treated by a downgradient vegetative filter strip.

There is an existing wash plant on site that drains to self-contained sediment ponds. This plant will be decommissioned, and the associated ponds are proposed to be removed through mining. Similarly, an existing pond near the Southeast corner of the site which had previously been used to capture and discharge stormwater will be removed through mining. Accumulation of stormwater in this pond will be pumped out into the adjacent pit area to prevent discharge until perimeter berms can be established. These areas will continue to be minded and associated stormwater will be retained within the pit (see Interim Conditions Site Plan). The only impervious surface being added to this modification (the area outside of the pit that does not drain to the pit) is the 0.95 acres of the proposed driveway.

Stockpiles may be located within the quarry pit(s) or in areas outside the pit which are graded to drain back to the pit(s) (as shown on the Existing and Interim Conditions plan sheets).

As the quarry continues to expand to the mining limits shown on the Final Conditions Site Plan, areas will be cleared in increments of less than 10 acres at a time. Temporary earthen berms will be established around newly cleared areas and will contain stormwater generated within those areas. These berms will continue to expand with the size of the quarry pits until reaching the quarry limits as shown on the Interim and Final Conditions plan sheets, at which point they will be stabilized as the Final Earthen Berm.

The nature and characteristics of activities at the North Austin Quarry include aggregate production operations that may consist of excavation, stockpiling, and transporting native materials and processing them by crushing, screening, washing, cutting, and stockpiling. This also includes activities inherent to the aggregate business such as storage of hydrocarbons and other hazardous

materials, as well as establishment of haul roads, offices, scales, and scale houses. Stockpiled materials are held on-site in inventory until sold to the public. Material leaving the site is measured via an on-site truck scale where load tickets are generated to represent the mass of material being transported.

There are two previously approved double-walled steel tanks, two single walled tanks and one large tote located onsite in support of their proposed operations.

These previously approved ASTs are double-walled tanks.

AST No.	Contents	Capacity (gallons)	Tank Type
1	Diesel	12,000	Double-walled Steel
2	15/40 WT Oil	500	Double-walled Steel

These previously approved ASTs have secondary containment.

AST No.	Contents	Capacity (gallons)	Tank Type
3	30 WT Oil	500	Steel
4	Used Oil	500	Steel
5	Grease	1,000	Tote

In addition, miscellaneous oils may be onsite, kept in 55-gallon drums. It is expected to have no more than 16 drums onsite, however the exact number of drums onsite may vary based on operational needs. All drums will be stored in a containment structure capable of holding 150% of the contents and is sloped to a point convenient for the collection of any spillage.

Permanent BMPs at the site include the Final Earthen Berm, Vegetated Filter Strip(s), and Final Natural and Vegetative Buffer. Temporary earthen berms will be built as a result of clearing and will retain stormwater runoff from disturbed areas prior to excavation. Temporary natural vegetated areas will be maintained outside of the temporary earthen berm surrounding the pit. These temporary natural vegetated areas will decrease in size as the quarry expands to the Final Quarry Limits. BMPs such as grade breaks and berms may be put in place as necessary to manage flow of stormwater. Otherwise, a 50-foot setback from the property lines will be maintained (except where shown on the Final Conditions Map).

The FEMA 100-year floodplain extends onto the property – FEMA Firm Panel 48491CO285F, effective on 12/20/2019. There is a blue line on-site which is not jurisdictional. The blue line is an unnamed tributary of Dry Berry Creek (see Existing Conditions map). Temporary natural existing vegetation will be maintained in a 25-foot buffer from the stream centerline or the floodplain along each side of the unnamed tributary of Dry Berry Creek. This buffer will be maintained except for the on-grade crossing shown on the Final Condition site plan. This crossing will be paved & swept periodically to control TSS. The quarry pits may be backfilled with clean fill materials and non-sellable overburden. Appropriate permits will be obtained from the Williamson County floodplain administrator before any work is performed in the mapped floodplain.

Trash generated on-site is being disposed of in a dumpster and managed by a licensed waste service. A water truck is being used as necessary to control dust. Portable toilets are used on-site and are serviced by a licensed waste collector.

Routine vehicle maintenance takes place at the maintenance shop. Large, slow-moving equipment is fueled within the pit on a compacted base pad by a mobile refueler. The refueler is only on-site when fuel is needed to service mobile equipment. A pile of base material is maintained next to the pad. Such refueling pads may be added or relocated throughout the quarry pit to meet operational needs. Excavation equipment on-site may be used to construct berms in response to spills.

It is not expected that any significant amount of groundwater will be encountered in the quarry excavation. A separation distance between the pit floor and the groundwater lever will be maintained. As per RG-500 Section 2.1, Table 1, the estimated wet-weather high-water elevation for Williamson County is 690.00 ft amsl. To maintain a separation from groundwater, the quarry floor will be limited to a depth of 25 feet above the local groundwater table or 715 ft amsl as maintained from the previously approved WPAP.

The previously approved geologic assessment included in this submittal covers approximately 368 acres. Thirteen (13) non-karst and/or man-made features were discovered on site during field reconnaissance. None of the features identified are classified as sensitive in accordance with the "*"Instructions for Geologists for Geologic Assessments on the Edwards Aquifer Recharge/Transition Zones" (TNRCC-0585-Instructions (Rev. 10-1-04)*.

MARTIN MARIETTA MATERIALS, LLC

GEOLOGIC ASSESSMENT

NORTH AUSTIN QUARRY
1700 CR 147
GEORGETOWN, TEXAS 78633
WILLIAMSON COUNTY

Submitted to: TCEQ Region 11, Austin

Prepared By:

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

Date: July 2022
Project No. 10006-409
-JG-

Signature: _____
John J. Sackrider, P.G. - License No. 12654
TX PG Firm No. 50112
Date: 7-20-2022

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: John J. Sackrider, PG #12654

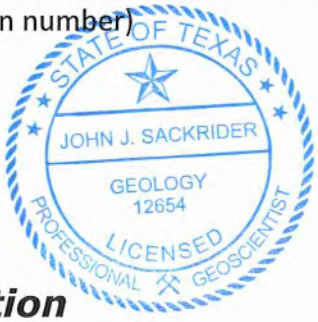
Telephone: 830-249-8284

Fax: 830-249-0221

Date: 7-20-2022

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

Signature of Geologist:



Regulated Entity Name: North Austin Quarry

Section 1.02 Project Information

1. Date(s) Geologic Assessment was performed: May 9-11, 2022
2. Type of Project:
   - ☒ WPAP
   - ☐ SCS
   - ☒ AST
   - ☐ 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)
BktD	D	< 2
DnB	D	< 5
DoC	D	< 2
EaD	D	< 2
GeB	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" = 250'
   Site Geologic Map Scale: 1" = 250'
   Site Soils Map Scale (if more than 1 soil type): 1" = 250'

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 4 (#) 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: NORTH AUSTIN 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						<40	>40	<1.6	>1.6	
S-1	30.732283	-97.675200	CD	5	Kgt	30	30	6	N/A				C, F	5	10	X		X		Hillside
S-2	30.732900	-97.676857	CD	5	Kgt	100	50	1	90				V, O	5	10	X			X	Drainage
S-3	30.736585	-97.681033	MB	30	Kgt	0.67		Unknown	N/A				X	5	35	X		X		Hillside
S-4	30.736284	-97.669368	MB	30	Kdr	1		920	N/A				X	5	35	X		X		Hillside
S-5	30.739091	-97.682787	MB	30	Kgt	1		140	N/A				X	5	35	X		X		Hillside
S-6	30.740380	-97.675365	CD	5	Kgt	8	20	4	150				N	5	10	X		X		Hillside
S-7	30.736484	-97.666554	MB	30	Kdr	0.83		Unknown	N/A				X	5	35	X		X		Hillside
S-8	30.739996	-97.677561	CD	5	Kgt	485	330	4	68				X	5	10	X			X	Hillside
S-9	30.737417	-97.684136	MB	30	Kgt	650	540	50	147				N, C	5	35	X			X	Hillside
S-10	30.736192	-97.673923	MB	30	Kgt	1800	1550	55	2				N, C	5	35	X			X	Hillside
S-11	30.734287	-97.668865	Z-CD	30	Kgt	970	780	Unknown	108				X	5	35	X			X	Hillside
S-12	30.735569	-97.679594	Z-CD	30	Kgt	1950	600	Unknown	111				X	5	35	X			X	Streambed
S-13	30.732947	-97.673601	F	20	Kgt	2145		Unknown	25	10			X	5	35	X			X	Hillside

* DATUM: NAD 83

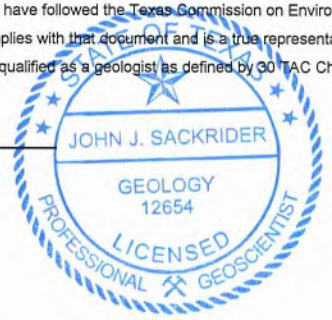
2A TYPE	TYPE	2B POINTS
C	Cave	30
SC	Solution cavity	20
SF	Solution-enlarged fracture(s)	20
F	Fault	20
O	Other natural bedrock features	5
MB	Manmade feature in bedrock	30
SW	Swallow hole	30
SH	Sinkhole	20
CD	Non-karst closed depression	5
Z	Zone, clustered or aligned features	30

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.



Date 7-20-2022

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 limstone	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 limestone 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	Bioturbated 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 mottled, *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 Martin Marietta Materials, Inc. (Client) to prepare a Geologic Assessment (GA) of their North Austin Quarry (Site). The area for the Site measures ~368 acres in size. This GA was prepared as a required attachment to a Water Pollution Abatement Program (WPAP) modification and AST Plan for the Site 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 approximately 2.85 miles northwest of the Highway 195 & Interstate 35 intersection, alongside and to the east of Highway 195. It is located approximately midway between the City of Georgetown and the City of Florence, Williamson County Texas and is within the Georgetown ETJ. 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 May 9-11, 2022. 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 late Cretaceous-aged Georgetown Formation (Kgt) and the Del Rio Clay (Kdr), mapped at the surface of the Site. The early Cretaceous-aged Edwards Limestone (Ked) is located approximately 700 to 800 ft. southwest 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 at the Site, which is located within the Balcones Fault Zone (BFZ). It has an approximate trend of 25° and is located towards the eastern part of the Site. For purposes of this GA, the dominant fault trend is 10°-40°. The fault is 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 revealed man-made features in bedrock related to active quarry activities and non-karst closed depressions which consist of ponds on either side of the main quarry. Three (3) water wells and two (2) plugged wells were also found during a review of well records.

5.5 Soils

Five (5) 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*
Brackett association (BktD), 1 to 8 percent slopes	D	< 2	5 to 20 inches to bedrock, well drained, moderately low to high (0.06 to 1.98 in/hr) Ksat capacity
Denton silty clay (DnB), 1 to 3 percent slopes	D	< 5	22 to 60 inches to bedrock, well drained, moderately low to moderately high (0.06 to 0.20 in/hr) Ksat capacity
Doss silty clay (DoC), 1 to 5 percent slopes	D	< 2	11 to 20 inches to bedrock, well drained, moderately low to moderately high (0.06 to 0.57 in/hr) Ksat capacity

Eckrant cobbly clay (EaD), 1 to 8 percent slopes	D	< 2	4 to 20 inches to bedrock, well drained, moderately low to moderately high (0.06 to 0.57 in/hr) Ksat capacity
Georgetown clay loam (GeB), 0 to 2 percent slopes	D	< 4	20 to 40 inches to 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 May 9, 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. 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 Georgetown Formation (Kgt) and was confirmed at the time of field investigation by the presence of fossiliferous limestone which is common in the Georgetown Formation. A portion of the eastern part of the Site is mapped as the Del Rio Clay (Kdr).

6.2 Structure

There were no faults identified nor evidence of faulting observed onsite at the time of field reconnaissance.

6.3 Karst Features

There were no karst features identified onsite at the time of field reconnaissance.

6.4 Non-karst & Manmade Features

Four (4) water wells, S-3 thru S-5, and S-7; two (2) pits, S-9 and S-10; four (4) non-karst closed depressions, S-1, S-2, S-6, and S-8; and two (2) zones of non-karst closed depressions, S-11 and S-12 were identified and recorded during the field investigation. None of these features that were identified and recorded during field reconnaissance are rated sensitive.

Through clearing, construction of berms, and site work which appears related to drainage, many areas of the Site exhibit characteristics which meet the definition of non-karst closed depressions. These numerous areas were not individually reported and are not considered sensitive.

6.5 Feature Descriptions

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

Feature S-1 is a non-karst closed depression located on the south-central part of the Site. The feature measures approximately 30 ft. x 30 ft. x 6 ft. and has a fine-grained sediment floor with scattered cobbles. Piled material was observed along the south side of the feature at the time of field reconnaissance 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-2 (CD) **Not Sensitive**

Feature S-2 is a non-karst closed depression within a large Y-shaped drainage area located on the south-central part of the Site. The feature measures approximately 100 ft. x 50 ft. x 1 ft. with an approximate trend of 90°. The floor of the feature consists of dark soil and thick, tall grass. 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-3 (MB) **Not Sensitive**

Feature S-3 is a water well located on the southwestern part of the Site. This well was not observed on the TWDB viewer. The feature has an outer steel collar that rises approximately 7 in. form the ground surface and measures approximately 20 in. in diameter. It has an inner PVC casing that rises approximately 10 in. from the ground surface and measures approximately 8 in. in diameter. The annular seal is filled with concrete and the well is capped with a steel plate. The well appeared to be in use and compliant at the time of field reconnaissance. 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 (MB) **Not Sensitive**

Feature S-4 is a water well located on the eastern part of the Site near the scale house. According to TWDB water well viewer, it is registered in the Groundwater Database (GWDB) as an industrial well, State of Texas Well Report for Tracking #148758 (attached). The feature has a steel casing that measures approximately 8 in. in diameter and rises approximately 2.5" from the ground surface. It is capped with a steel plate. Well records indicate that it is 920 ft. deep. The well appeared to be in use and compliant at the time of field reconnaissance. 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-5 (MB) **Not Sensitive**

Feature S-5 is a water well located along the northwestern property boundary of the Site. According to TWDB water well viewer, it is registered in the Groundwater Database (GWDB) as a domestic well, State of Texas Well Report for Tracking #261367 (attached). The feature has a 12 in. PVC casing with a steel collar that is fully exposed. It rises approximately 58 in. from the ground surface and includes a PVC cap. However, the cap can be easily removed by hand and therefore does not meet the definition of a "capped", "in-use" well. The water well records indicate the depth to be 140 ft. 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-6 (CD) **Not Sensitive**

Feature S-6 is a non-karst closed depression consisting of a test pit located on the north-central part of the Site. The feature measures approximately 8 ft. x 20 ft. x 4 ft. and is floored with limestone cobbles, pebbles, and fine sediments with grass and weeds growing within the feature. It has an approximate trend of 150°. 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-7 (MB) **Not Sensitive**

Feature S-7 is a water well located on the southwestern part of the Site. This well was not observed on the TWDB viewer. The feature has an outer PVC casing that rises approximately 4 ft. from the ground surface and measures approximately 10 in. in diameter. The depth is unknown. The well appeared to be in use and compliant at the time of field reconnaissance. 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 near the northern boundary of the Site. The feature appears to be an inactive dimension stone pit. According to Google Earth imagery, the feature measures approximately 485 ft. x 330 ft. and appeared to be approximately 2-4 ft. deep. It has an approximate trend of 68°. The feature was holding water at the time of field reconnaissance. 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 (MB) **Not Sensitive**

Feature S-9 is a man-made feature in bedrock consisting of a quarry pit located on the western part of the Site. According to Google Earth imagery, the feature measures approximately 650 ft. x 540 ft. x 50 ft. and has an approximate trend of 147°. The floor consists of intact limestone with scattered loose rock and material piles. 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-10 (MB) **Not Sensitive**

Feature S-10 is a man-made feature in bedrock consisting of the main quarry pit located on the central part of the Site. According to Google Earth imagery, the feature measures approximately 1800 ft. x 1550 ft. x 55 ft. with an approximate trend of 2°. The feature is floored with intact limestone and scattered material piles. 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 (Z-CD) **Not Sensitive**

Feature S-11 is a zone of non-karst closed depressions consisting of process water ponds located on the southwestern part of the Site. The zone measures approximately 970 ft. x 780 ft. with an approximate trend of 108° along its long axis. The depth is unknown as the features were holding water at the time of field reconnaissance. The catchment area is greater than 1.6 acres, and the interpreted probability of rapid infiltration is low. This feature zone is rated not sensitive.

S-12 (Z-CD) **Not Sensitive**

Feature S-12 is a zone of non-karst closed depressions consisting of ponds located on the southwestern part of the Site. The zone measures approximately 1950 ft. x 650 ft. with an approximate trend of 111° along its long axis. The depth is unknown as the features were holding water at the time of field reconnaissance. The catchment area is greater than 1.6

acres, and the interpreted probability of rapid infiltration is low. This feature zone is rated not sensitive.

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

Feature S-13 is a published fault located on the eastern part of the Site that runs southwest to northeast with an approximate trend of 25°. The extent of the fault from the southern boundary to the northern boundary of the Site measures approximately 2145 ft. based on Google Earth imagery. The feature was not observed onsite during field reconnaissance due to overgrown vegetation obstructing the ground and mining activity and rock piles obstructing the highwalls from view. The catchment area is greater than 1.6 acres. The interpreted probability of rapid infiltration is low.

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SELECT PHOTOGRAPHS

Feature S-1: non-karst closed depression, view to the north.

Feature S-1: view to the southeast.

Feature S-2: Y-shaped drainage area, view to the west.

Feature S-3: water well located on the western part of the property.

Feature S-4: industrial water well, registered Well Report #148758.

Feature S-4: close-up view of well.

Feature S-5: domestic well, registered Well Report for #261367.

Feature S-6: test pit on north-central part of the Site.

Feature S-7: water well located on the eastern part of the property.

Feature S-8: inactive dimension stone pit on northwestern part of Site.

Feature S-9: pit on the western part of Site, view to the southwest.

Feature S-10: main pit on the central part of Site.

Feature S-11: one of the ponds on the southeastern part of the Site.

Feature S-12: one of the ponds on the western part of the Site.

Berm that runs along the southern part of quarry forming a non-karst closed depression (not recorded), view to the east.

Attachment D

Site Geologic Map
Site Soils Map

Legend

- Approximate Project Boundary
- GA Features
- Zone Features

Published Geology (GDT*)

- Kdr - Del Rio Clay
- Kgt - Georgetown Formation
- Ked - Edwards Limestone
- Fault

U/D (U = Upthrown/D = Downthrown)

N

0 125 250 500 Feet

1 in = 250 ft

** Geologic Database of Texas*

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

S-1 S-2 S-3 S-4 S-5 S-6 S-7 S-8 S-9 S-10 S-11 S-12 S-13

Kdr

Kgt

Ked

U D

Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community. Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

IMAGE:	ESRI WORLD IMAGERY
ISSUE DATE:	07/19/2022
DRAWN BY:	JG
CHECKED BY:	JJS
SCALE: 1" =	250'
JOB NO.:	10006-409

SHEET NO.:

01

OF 02

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 JOHN J. SACHRIDER 7554 GEOLOGY LICENSED PROFESSIONAL

7-26-22

SITE GEOLOGIC MAP

NORTH AUSTIN QUARRY
MARTIN MARIETTA MATERIALS, INC.
GEORGETOWN, WILLIAMSON COUNTY, TEXAS

Legend

- Approximate Project Boundary
- GA Features
- Zone Features
- Published Fault (GDT*)

U/D (U = Upthrown/D = Downthrown)

** Geologic Database of Texas*

Published Soils

- BktD - Brackett association
- DnB - Denton silty clay
- DoC - Doss silty clay
- EaD - Eckrant cobbly clay
- GeB - Georgetown clay loam

0 125 250 500 Feet

1 in = 250 ft

N

GeB
BktD
DnB
DoC
EaD
S-1
S-2
S-3
S-4
S-5
S-6
S-7
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Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

IMAGE: ESRI WORLD IMAGERY	
ISSUE DATE:	07/19/2022
DRAWN BY:	JG
CHECKED BY:	JJS
SCALE: 1" =	250'
JOB NO.:	10006-409

SHEET NO.:

02

OF 02

WESTWARD
Environmental Engineering, Natural Resources.
P.O. Box 2205, Boerne, Texas 78006
(830) 249-4284 Fax (830) 249-0221
TBPE REG. NO.: F-4524
TBPG REG. NO.: 50112

REV	DESCRIPTION	BY	DATE

STATE OF TEXAS
JOHN J. SACHRIDER
GEOLOGY
12854
LICENSED
PROFESSIONAL GEOLOGIST

7-20-2022

SITE SOILS MAP

NORTH AUSTIN QUARRY
MARTIN MARIETTA MATERIALS, INC.
GEORGETOWN, WILLIAMSON COUNTY, TEXAS

Attachment E

Well Report #148758
Well Report #261367

STATE OF TEXAS WELL REPORT for Tracking #148758

Owner:	**J.C. Evans Construction**	Owner Well #:	**1**
Address:	**301 County Road 271 Leander, TX 78641**	Grid #:	**58-19-2**
Well Location:	**Unknown Georgetown, TX**	Latitude:	**30° 44' 11" N**
		Longitude:	**097° 40' 10" W**
Well County:	**Williamson**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Industrial**

Drilling Start Date: **2/21/2006** Drilling End Date: **2/24/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
12	**0**	**20**
7.875	**20**	**122**
6.125	**122**	**920**

Drilling Method: **Air Rotary**

Borehole Completion: **Straight Wall**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**5**	**3 Cement**
5	**20**	**3 Benseal**
110	**122**	**3 Portland Cmt**

Seal Method: **Tremie Pipe**

Sealed By: **Driller**

Distance to Property Line (ft.): **> 50**

Distance to Septic Field or other concentrated contamination (ft.): **> 100**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **Measured**

Surface Completion: **Surface Sleeve Installed**

Water Level: **230 ft.** below land surface on **2006-02-24** Measurement Method: **Unknown**

Packers: **Shale 870'**
Cement 122'

Type of Pump: **Submersible**

Well Tests: **Estimated** **Yield: 180 GPM**

Water Quality:

Strata Depth (ft.)	Water Type
887 - 920	**Trinity**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **Tom Lovelace Water Well Service**

4997 Elm Grove Road
Belton, TX 76513

Driller Name: **Jimmy Okun** License Number: **55015**

Comments: **$mew**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**3**	**Top Soil**
3	**25**	**Gray Lime**
25	**117**	**Tan and Brown Lime**
117	**860**	**Gray Lime and Shale**
860	**868**	**Gray Shale**
868	**875**	**Gray and Tan Lime**
875	**887**	**Brown and Tan Lime**
887	**918**	**Fractured Brown Lime**
918	**920**	**Hard Brown Lime**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
4 1/2	**New**	**Plastic**	**Solid +2 880**
4 1/2	**New**	**Plastic**	**Manuf. Mill Screen 880 920 .032**
6 1/2	**New**	**Plastic**	**Solid +2 122**

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

STATE OF TEXAS WELL REPORT for Tracking #261367

Owner:	**American Aggregates**	Owner Well #:	**5**
Address:	**CR 147 Georgetown, TX 78628**	Grid #:	**58-19-2**
Well Location:	**CR 147 Georgetown, TX 78628**	Latitude:	**30° 44' 21" N**
		Longitude:	**097° 40' 58" W**
Well County:	**Williamson**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **3/24/2011** Drilling End Date: **3/24/2011**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
12	**0**	**15**
6.75	**15**	**140**

Drilling Method: **Air Rotary**

Borehole Completion: **Straight Wall**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
		1 Portland
0	**3**	**2 Cement**
3	**15**	**3 Benseal**

Seal Method: **Gravity Feed**

Sealed By: **Driller**

Distance to Property Line (ft.): **50+**

Distance to Septic Field or other concentrated contamination (ft.): **100+**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **Measured**

Surface Completion: **Surface Sleeve Installed**

Water Level: **96.5 ft.** below land surface on **2010-03-24** Measurement Method: **Unknown**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

Water Quality:

Strata Depth (ft.)	Water Type
78-140	**Edwards**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **Tom Lovelace Water Well Serv.**

4997 Elm Grove Rd.
Belton, TX 76513

Driller Name: **Jimmy Okun** License Number: **55015**

Comments: **^EAD**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**25**	**overburden tan & white lime**
25	**78**	**gray lime Georgetown**
78	**140**	**tan & brown lime Edwards**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
8" New Plastic Solid +2'-15'			

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

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.

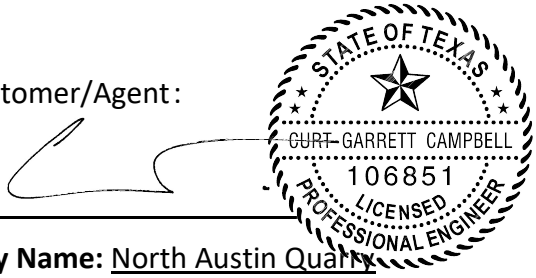
Section 1.01 Signature

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 PE, TX License No. 106851, TX Firm No. 4524

Date: 9/12/2025

Signature of Customer/Agent:



Regulated Entity Name: North Austin Quarry

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):568.57

3. Estimated projected population:10

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	10,087	÷ 43,560 =	0.23
Parking		÷ 43,560 =	
Other paved surfaces/sediment ponds	31,419	÷ 43,560 =	0.72
Total Impervious Cover	41,506	÷ 43,560 =	0.95

Total Impervious Cover 0.95 **÷ Total Acreage** 368 **X 100 =** 0.26**% 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	10 Gallons/day
_____% Industrial	_____Gallons/day
_____% Commingled	_____Gallons/day

TOTAL gallons/day 10

15. Wastewater will be disposed of by:

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

- ☐ **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. **N/A**

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" = 250'.

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 FIRM Williamson County, 48491C0285F eff. 12/20/2019

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 4 (#) 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.

Martin Marietta Materials Southwest, LLC

North Austin Quarry

WPAP Attachment A

Factors Affecting Water Quality

The major factor that could affect water quality is sediment in stormwater runoff from disturbed areas. More remote factors include fuels and lubricants from vehicles and equipment and trash/debris.

Earthen berms and vegetative buffers will continue to be maintained downgradient from the disturbed area in order to capture sediment and control the flow of stormwater. Upgradient berms prevent run-on to disturbed areas of the site. Stormwater in the quarrying pit will be retained in the pit. Any spills or leaks will be cleaned up immediately and disposed of properly. A trash receptacle is on site for both employees and visitors to use.

WPAP Attachment B

Volume and Character of Stormwater

The area of the proposed final quarry, as shown on the Final Conditions Map, is approximately 283 acres. The stormwater from this disturbed area is anticipated to carry an increased level of total suspended solids (TSS); however, stormwater from this area will be retained in the pit.

Due to the use of Temporary BMPs during construction, the character of stormwater runoff from the site will be essentially the same as prior to construction. 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.

EXISTING CONDITIONS - SITE MAP

NORTH AUSTIN QUARRY WPAP MODIFICATION

MARTIN MARIETTA MATERIALS SOUTHWEST, LLC

GEORGETOWN, WILLIAMSON COUNTY, TEXAS

STATE OF TEXAS
CURT GARRETT CAMPBELL
106851
LICENSED PROFESSIONAL ENGINEER
9/12/2025

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.: 3 OF 5

IMAGE:	N/A
ISSUE DATE:	9/10/2025
DRAWN BY:	JP/NMS
CHECKED BY:	CGC
SCALE:	1" = 250'
JOB NO.:	130004-409

N

0 125 250 500

SCALE: 1" = 250'

LEGEND

- PROPERTY LINE
- 900 EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- 950 PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- BERM
- DRAINAGE AREAS
- STK STOCKPILE
- FLOW ARROW
- W WATER WELL
- BASE AREA
- GRASS/VEGETATED BUFFER AREA
- WATER BODY AREA

EARTHEN BERM

50' PERMANENT BUFFER (TYP.)

50.00'

CURRENTLY UNDISTURBED AREA

FINAL EARTHEN BERM AND QUARRY LIMITS

CR 147

EARTHEN BERM

CURRENTLY UNDISTURBED AREA

CURRENTLY UNDISTURBED AREA

CURRENTLY UNDISTURBED AREA

CURRENTLY UNDISTURBED AREA

CONSTRUCTION ENTRANCE/EXIT

EXISTING STOCKPILE AREA

EXISTING PIT

EXISTING PIT

APPROX. PROPERTY BOUNDARY

EARTHEN BERM

EXISTING PIT AREA

SHOP

EXISTING FUELING AREA

OFFICE

SCALE

DA1
46.97
AC

STK

PRIMARY CRUSHING PLANT

CRUSHING PLANTS (PORTABLE)

4.00%

FUEL TRUCK PARKING AREA

INTERIM PIT -
<10 ACRES -
MIN. PIT FLOOR ELEVATION
715' AMSL

CR 234

CURRENTLY UNDISTURBED AREA

EARTHEN BERM

CURRENTLY UNDISTURBED AREA

EXISTING HAUL ROAD

BERM TO BE REMOVED ONCE CONSTRUCTION OF DRIVEWAY COMMENCES

PROPOSED DRIVEWAY TO BE PAVED FOR 1000' OR RUMBLE GATE (SEE DETAILS)

CURRENTLY UNDISTURBED AREA

UNNAMED TRIBUTARY OF DRY BERRY CREEK

CURRENTLY UNDISTURBED AREA

CURRENTLY UNDISTURBED AREA

CURRENTLY UNDISTURBED AREA

25' TEMPORARY NWFS (TYP.)

50' PERMANENT BUFFER (TYP.)

FINAL EARTHEN BERM

2.50%

50' PERMANENT BUFFER (TYP.)

50.00'

APPROX. PROPERTY BOUNDARY

FINAL EARTHEN BERM AND QUARRY LIMITS

STATE HIGHWAY 195

CR 234

P:\10006 - MARTIN MARIETTA MATERIALS\510 - WPAP (NEW) QUARRY NORTH AUSTIN\MAPS AND DRAWINGS\10006-510_Interim Cond.dwg

IMAGE:	
ISSUE DATE:	9/11/2025
DRAWN BY:	NMS
CHECKED BY:	CGC
SCALE:	1" = 250'
JOB NO.:	10006-510

SHEET NO.:

4

OF 5

WESTWARD
Environmental, Engineering, Natural Resources.
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(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

Vance Houy, P.E.
License No. 107401

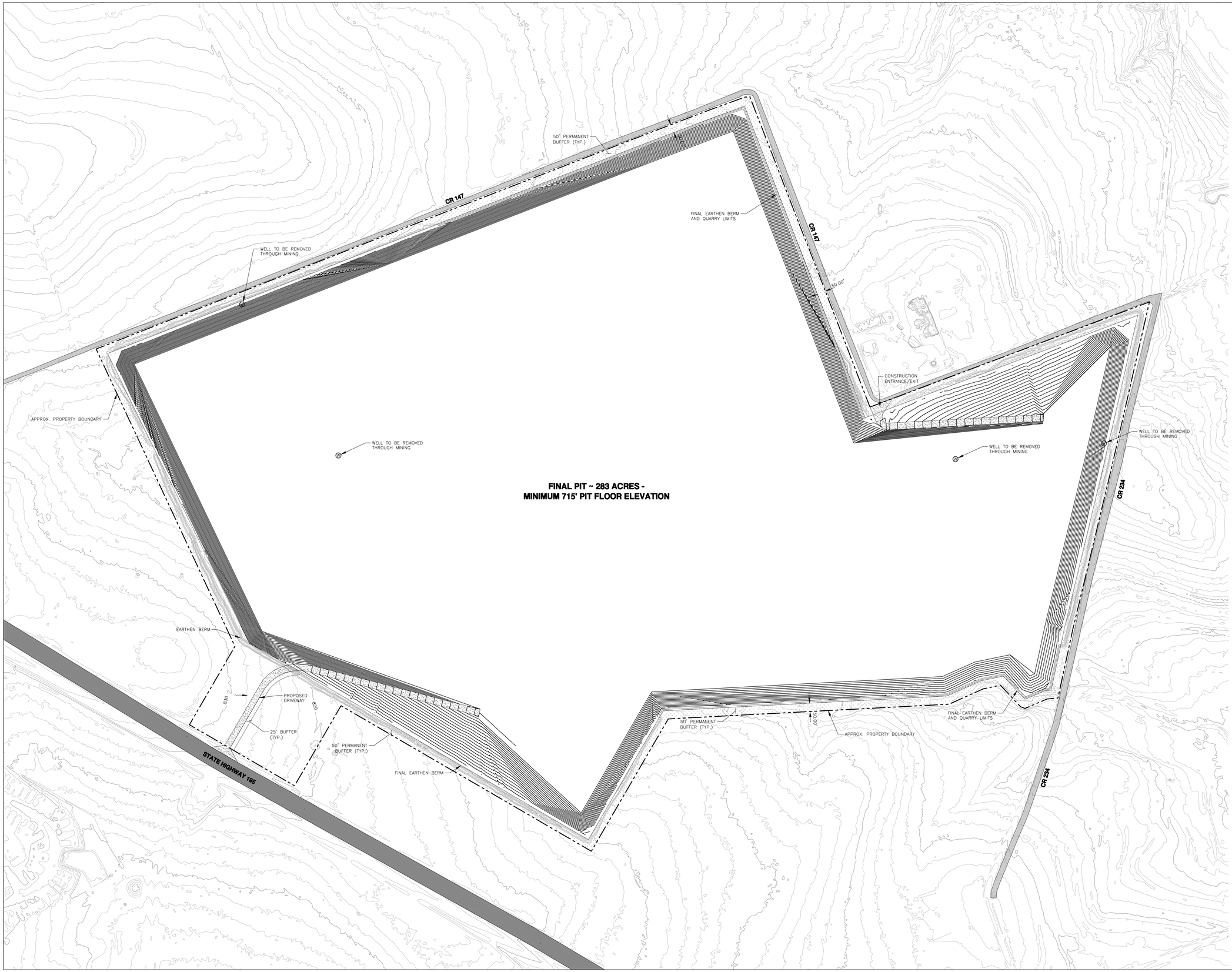
9/12/2025

INTERIM CONDITIONS

NORTH AUSTIN QUARRY WPAP

MARTIN MARIETTA MATERIALS SOUTHWEST, LLC

GEORGETOWN, TEXAS



N

0 125 250 500

SCALE: 1" = 250'

LEGEND

- PROPERTY LINE
- 900 EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- BASE AREA
- BERM

IMAGE:	N/A
ISSUE DATE:	9/10/2025
DRAWN BY:	NMS
CHECKED BY:	CGC
SCALE: 1" =	AS SHOWN
JOB NO.:	10006-510

SHEET NO.: **6** 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

9/12/2025

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

FINAL CONDITIONS MAP

NORTH QUARRY PIT WPAP

MARTIN MARIETTA MATERIALS, LLC

GEORGETOWN, TX

Article I. 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.

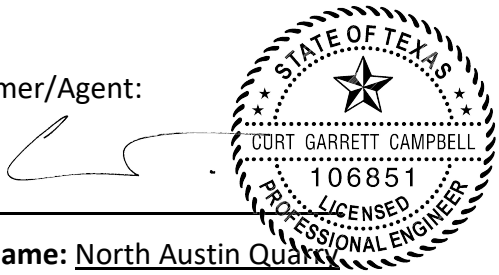
Section 1.01 Signature

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 PE, TX License No. 106851, TX Firm No. 4524

Date: 9/12/2025

Signature of Customer/Agent:



Regulated Entity Name: North Austin Quarry

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: Diesel & misc. oils

   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:

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.

Martin Marietta Materials Southwest, LLC

North Austin Quarry

Temporary Stormwater Runoff 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 a 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 earthen meetings).
4. Establishing a continuing education program to indoctrinate new employees.
5. Have a 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, and substances listed under 40 CFR parts 110, 117, 302 and sanitary and septic wastes should be contained and cleaned up immediately.
2. Store hazardous materials and wastes in covered containers and protect from vandalism.
3. Place a stockpile of spill 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 water courses. 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 Safety Data Sheets (SDS), 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 immediately.
2. Use a rag for small spills on paved surfaces. A damp mop for general cleanup, and absorbent material for larger spills. If the spilled material is hazardous, then the used cleanup materials are also hazardous and must be disposed of as hazardous waste.
3. Never hose down or bury dry material spills. Clean up as much of the material as possible and dispose of properly. See the waste management BMPs in this section for specific information.

Minor Spills

1. Minor spills typically involve small quantities of oil, gasoline, paint, etc. which can be controlled by the first responder at the discovery of the spill.
2. Use absorbent materials on small spills rather than hosing down or burying the spill.
3. Absorbent materials should ne 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 immediately:

1. Contain spread of the spill.
2. Notify the project foreman immediately.
3. If the spill occurs on paved or impermeable surfaces, clean up using “dry” methods (absorbent materials, cat litter and/or rags). Contain the spill by encircling with absorbent materials and do not let the spill spread widely.
4. If the spill occurs in dirt areas, 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 within 24hours 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 the federal reportable quantities, in conformance with the requirements in 40 CFR parts 110, 117, and 302, the contractor should notify the National Response Center at (800) 424-8802.
3. Notification should first be made by telephone and followed up with a written report.
4. The services of a spills contractor or a Haz-Mat team should be obtained immediately. Construction personnel should not attempt to clean up until 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 immediately. Follow company policy when responding to an emergency.

State Emergency Response Commission	(512) 424-2208
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 11	(512) 339-2929

https://www.tceq.texas.gov/response/spills

Vehicle and Equipment

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-sire vehicles and equipment for leaks and repairs.
3. As much as practicable, check incoming vehicles and equipment (including delivery trucks, and employee and subcontractor vehicles) for leaking oil and fluids and do not allow leaking vehicles or equipment on-site. Provide spill kits for any discovered leaks and dispose of any used absorbent materials promptly and properly.
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 it is 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 that it is not leaking.

Portable Toilet BMPs:

Portable toilets will be used at North Austin Quarry Stone site and will be handled in accordance with the following guidelines:

- A licensed water collector should service all the toilets. **The following tasks will be performed by the portable toilet supplier:**
  - Empty portable toilets before transporting them.
  - Securely fasten the toilets 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 services and sanitized at time intervals that will maintain sanitary conditions of each toilet.
- Locate portable toilets at least 20 feet from the nearest storm-drain inlet or sensitive-feature buffer area
- 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 Attachment B

Potential Sources of Contamination

Potential sources of contamination in the project area are the TSS from disturbed areas, fuels and lubricants from vehicles and equipment, portable toilets, and trash/debris items.

Martin Marietta Materials Southwest, LLC

North Austin Quarry

Temporary Stormwater Attachment C

Sequence of Major Activities

The quarry pit will continue to expand as stated in the previously approved plan with portions of the site, less than 10 acres, to be cleared in stages as quarrying progresses. As mining in a cleared area is being completed, clearing in another area will commence. This process will continue throughout the mining sequence. Upon clearing for mining activity, temporary earthen berms will be constructed downgradient of the clearing. Temporary earthen berms will expand as the quarry pit expands to the final 50-foot vegetated buffer and Final Earthen Berm (as shown on the site plan). A 50-foot vegetated buffer located between the property line and the Final Earthen Berm will remain undisturbed, except where previous quarrying reached the property line. Martin Marietta Southwest proposes to construct a new access driveway from Highway 195 to the Southwest portion of the site (see Interim Conditions Map). This drive will be paved for a minimum of 1,000 linear feet inside the project boundary and/or will employ a rumble grate(s) to remove mud and dirt from vehicles wheels prior to exiting the property. Drainage from this driveway will be treated by a downgradient vegetative filter strip.

Martin Marietta will continue to operate plant equipment as shown on site plan. In the future, the rock crushing plant may be relocated anywhere within the quarry.

Temporary Stormwater 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 new areas are disturbed, cleared topsoil will be used to construct earthen berms that surround this disturbed area, and will prevent any upgradient stormwater from contacting disturbed areas. As the size of the quarry expands, the earthen berms will expand throughout the life of the project, up to the final quarry limits (as shown on the Final Conditions Site Plan).

As the size of the quarry pit expands, the earthen berms will expand throughout the life of the project, up to the Final Earthen Berm and the Final Vegetative Buffer. A natural vegetative buffer with a minimum width of 50 feet will be maintained between the edge of disturbance and the property line, except in limited areas as shown on the Proposed Conditions Site Map. This natural vegetative buffer will serve as a final treatment 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 to the Final Earthen Berm. In addition, a natural vegetated buffer with a minimum of width of 50 feet will be maintained between the edge of disturbance for the quarry activities and the property line, except in limited areas as shown on the Proposed Conditions Site Map. This natural vegetated buffer will serve as a final buffer for stormwater runoff leaving the active portion of the site.

It is not expected that any significant amount of groundwater will be encountered during the quarry excavation or as surface flow in disturbed areas of the site. Pollution of surface water, groundwater or stormwater that originates on-site or flows off-site will continue to be mitigated by the use temporary earthen berms, rock berms, natural vegetated areas/buffers, and the quarry pit.

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

Earthen berms and vegetated areas will be maintained to prevent pollutants from entering surface streams and the aquifer.

Any possibly sensitive geological feature discovered by mining staff, or the Professional Geoscientist 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 Professional Engineer and upon approval by TCEQ, the method to protect the feature will be implemented. Work will not resume in the area until the TCEQ approved method for addressing the feature has been carried out.

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.

Martin Marietta will provide annual feature recognition training to quarry operators as needed. All training will be conducted by the Site Supervisor or his designee using a training program prepared by a Professional Geoscientist.

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 new possibly sensitive geological features 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 Geoscientist will be called to the site to observe 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.

Martin Marietta Materials Southwest, LLC

North Austin Quarry

Temporary Stormwater Attachment F

Structural Practices

Temporary best management practices proposed for the quarry include temporary earthen berms and maintenance of natural vegetated filter strips/buffers. The earthen berms are used to retain runoff and limit runoff discharge of pollutants from exposed areas of the site as well as to divert runoff away from exposed (disturbed) soils. Silt fencing may be used as needed in newly disturbed areas until other means of stabilization can be established.

Temporary Stormwater Attachment G

Drainage Area Map

See Interim Conditions Map.

Temporary Stormwater Attachment I

Inspection and Maintenance for BMPs

The earthen/rock berms and vegetated buffers should be inspected quarterly until stabilized with vegetation. Written documentation of these inspections should be kept during the course of activity at the project site (see following example Inspection Form).

Any erosion of earthen 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. Any trash in the vegetated buffers should be removed and eroded areas should be reseeded. Silt should be removed from rock berms when greater than 6 inches of sediment is retained, or when berms are clogged.

Martin Marietta North Austin Quarry is 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 contact stormwater that is discharged from the site.

It is not anticipated that dewatering of the quarry 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.

		Earthen Berms	**Natural Vegetated Buffers**		
Date	Inspector Signature	Erosion of Earthen Berm	Trash	Vegetative Cover Erosion	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.

Natural Vegetated Buffers

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

Earthen Berm

* Erosion of earthen berm - fill eroded areas and compact

Martin Marietta Materials Southwest, LLC

North Austin Quarry

Temporary Stormwater Attachment J

Schedule of Soil Stabilization Practices

Quarry

Areas Outside the Pit:

Cleared areas and existing 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 or stabilizing the berms that are frequently relocated. Minimum 50-foot wide natural vegetative buffers will serve to treat runoff from the earthen berms. 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 generally drilled and blasted within 90 days. It is not feasible or appropriate to try and 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
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.

Due to the soils and overburden in these cleared areas having been removed and placed in earthen berms 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 downgradient of cleared areas 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 in the quarry pit.

Bare soils should be seeded or otherwise stabilized within 14 calendar days after final grading or where construction activity has temporarily ceased for more than 21 days.

For the case when the quarry operations have been completed, all stormwater will be retained in the pit. The Final Earthen Berms outside the pit will be stabilized with native grasses. The undisturbed buffers shown on the Proposed Conditions Site Plan 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 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 (7.b) 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 periods 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.

Martin Marietta Materials Southwest, LLC

North Austin Quarry

Permanent Stormwater Section Attachment B

BMPs for Upgradient Stormwater

A description of the BMPs and measures that are in use 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 exist and continue to be constructed as clearing occurs will expand as the size of the quarry grows. The temporary earthen berms will expand throughout the life of the project to the Final Earthen Berm show shown on the WPAP Site Plan. The Final Earthen Berm will be vegetated with native grasses to stabilize soils.

A 50' vegetative buffer will be maintained between the Final Earthen Berm and the property line as a final treatment for any stormwater leaving the site. A minimum 25-foot Natural Vegetative Filter Strip will be maintained downgradient of the proposed entry drive in the Southwest portion of the site.

Permanent stormwater controls are those that are to remain in place after construction has been completed. The Vegetative Filter Strip(s), Vegetated Final Earthen Berm, Final Natural Vegetative Buffer that surrounds most of the site (as shown in the WPAP site plan) will serve as the final permanent BMPs.

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 is and will continue to be mitigated by the use of the earthen berms with natural vegetated buffers, and the quarry pit, which will be constructed as shown on the attached plan sheets.

Permanent stormwater controls are those that are to remain in place after construction has been completed. A 50' vegetative buffer will be maintained between the Final Earthen Berm and the property line as a final treatment for any stormwater leaving the site. A minimum 25-foot will be maintained downgradient of the proposed entry drive in the Southwest portion of the site.

Martin Marietta Materials Southwest, LLC

North Austin Quarry

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 as shown on the WPAP Site Plan 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, on-site stormwater will be retained inside the pit. The vegetated Final Earthen Berm and Final Vegetative Buffer will be located along the property boundary (as shown on the Final Conditions Site Plan).

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.

Permanent Stormwater Section Attachment F

Construction Plans

See Final Conditions Map.

Texas Commission on Environmental Quality

TSS Removal Calculations 04-20-2009

Project Name: North Austin Quarry
Date Prepared: 6/23/2025

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:

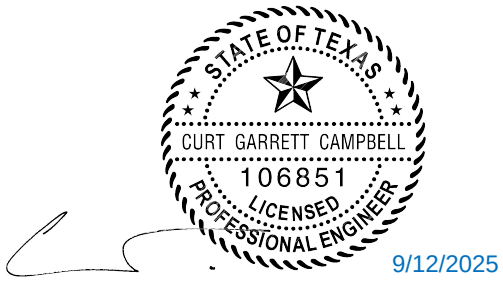
$L_{M\ TOTAL\ PROJECT}$ = Required TSS removal resulting from the proposed development = 80% of increased load
A_N = Net increase in impervious area for the project
P = Average annual precipitation, inches

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

County =	Williamson	
Total project area included in plan * =	368.53	acres
Predevelopment impervious area within the limits of the plan * =	0.00	acres
Total post-development impervious area within the limits of the plan* =	46.97	acres
Total post-development impervious cover fraction * =	0.13	
P =	32	inches
$L_{M\ TOTAL\ PROJECT}$ =	**40883**	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



9/12/2025

SVP Engineering & Natural Resources
Westward Environmental, Inc
Texas Firm #4524

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

Drainage Basin/Outfall Area No. = 1

Total drainage basin/outfall area =	46.97	acres
Predevelopment impervious area within drainage basin/outfall area =	0.00	acres
Post-development impervious area within drainage basin/outfall area =	46.97	acres

Post-development impervious fraction within drainage basin/outfall area = **1.00**

$L_{M\ THIS\ BASIN}$ = **40883** lbs.

3. Indicate the proposed BMP Code for this basin.

Proposed BMP = **Retention / Irrigation**
Removal efficiency = **100** percent
Proposed BMP = **None**
Removal efficiency = **0** percent
Proposed BMP = **None**
Removal efficiency = **0** percent

Etot = 100

Aqualogic Cartridge Filter
Bioretention
Contech StormFilter
Constructed Wetland
Extended Detention
Grassy Swale
None
Retention / Irrigation
Sand Filter
Stormceptor
Vegetated Filter Strips
Vortechs
Wet Basin
Wet Vault

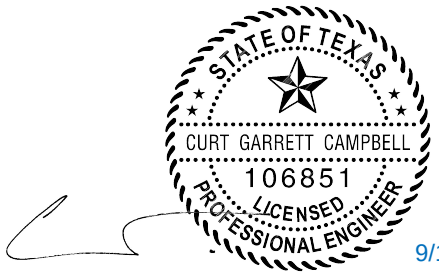
4. Calculate Maximum TSS Load Removed (L_R) for this Drainage Basin by the selected BMP Type.

RG-348 Page 3-33 Equation 3.7: L_R = (BMP efficiency) x P x (A_I x 34.6 + A_P x 0.54)

where:

A_C = Total On-Site drainage area in the BMP catchment area
A_I = Impervious area proposed in the BMP catchment area
A_P = Pervious area remaining in the BMP catchment area
L_R = TSS Load removed from this catchment area by the proposed BMP

A_C = **46.97** acres
A_I = **46.97** acres
A_P = **0.00** acres
L_R = **52005** lbs



9/12/2025

SVP Engineering & Natural Resources
Westward Environmental, Inc
Texas Firm #4524

Martin Marietta Materials Southwest, LLC

North Austin Quarry

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 for 3-years after the date of the inspection during the course of operations 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.

Vegetative Filter Strips

- *Pest Management*. An Integrated Pest Management (IPM) Plan should be developed for vegetated areas. This plan should specify how problem insects and weeds will be controlled with minimal or no use of insecticides and herbicides.

- *Seasonal Mowing and Lawn Care*. If the filter strip is made up of turf grass, it should be mowed as needed to limit vegetation height to 18 inches, using a mulching mower (or removal of clippings). If native grasses are used, the filter may require less frequent mowing, but a minimum of twice annually. Grass clippings and brush debris should not be deposited on vegetated filter strip areas. Regular mowing should also include weed control practices, however herbicide use should be kept to a minimum (Urbonas et al., 1992). Healthy grass can be maintained without using fertilizers because runoff usually contains sufficient nutrients. Irrigation of the site can help assure a dense and healthy vegetative cover.

- *Inspection*. Inspect filter strips at least twice annually for erosion or damage to vegetation; however, additional inspection after periods of heavy runoff is most desirable. The strip should be checked for uniformity of grass cover, debris and litter, and areas of sediment accumulation. More frequent inspections of the grass cover during the first few years after establishment will help to determine if any problems are developing, and to plan for long-term restorative maintenance needs. Bare spots and areas of erosion identified during semi-annual inspections must be replanted and restored to meet specifications. Construction of a level spreader device may be necessary to reestablish shallow overland flow.

- *Debris and Litter Removal*. Trash tends to accumulate in vegetated areas, particularly along highways. Any filter strip structures (i.e. level spreaders) should be kept free of obstructions to reduce floatables being flushed downstream, and for aesthetic reasons. The need for this practice is determined through periodic inspection, but should be performed no less than 4 times per year.

- *Sediment Removal*. Sediment removal is not normally required in filter strips, since the vegetation normally grows through it and binds it to the soil. However, sediment may accumulate along the upstream boundary of the strip preventing uniform overland flow. Excess sediment should be removed by hand or with flat-bottomed shovels.

- *Grass Reseeding and Mulching*. A healthy dense grass should be maintained on the filter strip. If areas are eroded, they should be filled, compacted, and reseeded so that the final grade is level. Grass damaged during the sediment removal process should be promptly replaced using the same seed mix used during filter strip establishment. If possible, flow should be diverted from the damaged areas until the grass is firmly established. Bare spots and areas of erosion identified during semi-annual inspections must be replanted and restored to meet specifications. Corrective maintenance, such as weeding or replanting should be done more frequently in the first two to three years after installation to ensure stabilization. Dense vegetation may require irrigation immediately after planting, and during particularly dry periods, particularly as the vegetation is initially established.

Non-Routine Maintenance

- *Structural Repairs and Replacement.* With each inspection, any damage to the structural elements of the system (pipes, concrete drainage structures, retaining walls, etc.) should be identified and repaired immediately. These repairs should include patching of cracked concrete, sealing of voids, and removal of vegetation from cracks and joints. The various inlet/outlet and riser works in a basin will eventually deteriorate and must be replaced. Public works experts have estimated that corrugated metal pipe (CMP) has a useful life of about 25 yr, whereas reinforced concrete barrels and risers may last from 50 to 75 yr.

Martin Marietta Materials Southwest, LLC

Inspection, Maintenance, Repair and Retrofit Plan

I, Kirk R. Light, 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. Martin Marietta Materials Southwest, LLC. 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: Kirk R. Light
Martin Marietta Materials Southwest, LLC.

Signature _____ Date: 9/11/2025

Name and signature of Engineer

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

Signature _____ Date: 9/12/2025

STATE OF TEXAS
CURT GARRETT CAMPBELL
106851
LICENSED
PROFESSIONAL ENGINEER

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

I Kirk R. Light,
Print Name

President,
Title - Owner/President/Other

of Martin Marietta Materials Southwest, LLC,
Corporation/Partnership/Entity Name

have authorized Curt Campbell, PE;Gary Nicholls, PE;Chelsy Houy, PE;Vance Houy, PE;Andrea Kidd, 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

9/11/25
Date

THE STATE OF Texas §

County of Dallas §

BEFORE ME, the undersigned authority, on this day personally appeared Kirk R. Light 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 11 day of September, 2025

NOTARY PUBLIC

Trang Trinh
Typed or Printed Name of Notary

TRANG TRINH
Notary ID #131985654
My Commission Expires
April 23, 2027

MY COMMISSION EXPIRES: April 23, 2027

Application Fee Form

--Texas Commission on Environmental Quality
Name of Proposed Regulated Entity: North Austin Quarry
Regulated Entity Location: 1701 CR 147, Georgetown, TX 78633
Name of Customer: Martin Marietta Materials Southwest, LLC
Contact Person: Kirk R. Light Phone: 972-647-3389
Customer Reference Number (if issued):CN 605057868
Regulated Entity Reference Number (if issued):RN 104910823

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	368.527 Acres	10,000.00
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: _____ Date: 9/11/25

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 Core Data Form

TCEQ Use Only

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 **(EAPP) WPAP Modification**

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 605057868		RN 104910823

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:*

Martin Marietta Materials Southwest 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)*
0802357333	16513101234		

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:

2500 NE Inner Loop Bldg 2A

City	Georgetown	State	Tx	ZIP	78626	ZIP + 4	

16. Country Mailing Information *(if outside USA)*	17. E-Mail Address *(if applicable)*
	Jayde.Young@martinmarietta.com

18. Telephone Number	19. Extension or Code	20. Fax Number *(if applicable)*
512-591-1314		

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.*)

North Austin Quarry

23. Street Address of the Regulated Entity: *(No PO Boxes)*	1701 County Road 147							
	City	Georgetown	State	TX	ZIP	78633	ZIP + 4	4447
24. County	Williamson							

Enter Physical Location Description if no street address is provided.

25. Description to Physical Location:					
26. Nearest City			State	Nearest ZIP Code	
Georgetown			TX	78633	
27. Latitude (N) In Decimal:	30.7359944°		28. Longitude (W) In Decimal:	-97.6693111°	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
30°	44'	9.58"	97°	40'	9.52"

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

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

Construction Materials

34. Mailing Address:	2500 NE Inner Loop Bldg 2A						
	City	Georgetown	State	TX	ZIP	78626	ZIP + 4
35. E-Mail Address:	Jayde.Young@martinmarietta.com						

36. Telephone Number	37. Extension or Code	38. Fax Number *(if applicable)*
512-591-1314		

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
		11-11104401		
☐ 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:	Martin Marietta Materials Southwest, LLC	Job Title:	President
Name *(In Print)*:	Kirk R. Light	Phone:	972-647-3389
Signature:		Date:	