

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: 13300 Humphrey Dr. Austin TX-N. Austin MUD 1				2. Regulated Entity No.:					
3. Customer Name: N. Austin MUD #1				4. Customer No.:					
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):		.167677		
9. Application Fee:	\$500		10. Permanent BMP(s):						
11. SCS (Linear Ft.):			12. AST/UST (No. Tanks):						
13. County:	Williamson		14. Watershed:						

Application Distribution

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

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

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

Austin Region			
County:	Hays	Travis	Williamson
Original (1 req.)	—	—	<u> </u> X <u> </u>
Region (1 req.)	—	—	—
County(ies)	—	—	—
Groundwater Conservation District(s)	<u> </u> Edwards Aquifer Authority <u> </u> Barton Springs/ Edwards Aquifer <u> </u> Hays Trinity <u> </u> Plum Creek	<u> </u> Barton Springs/ Edwards Aquifer	NA
City(ies) Jurisdiction	<u> </u> Austin <u> </u> Buda <u> </u> Dripping Springs <u> </u> Kyle <u> </u> Mountain City <u> </u> San Marcos <u> </u> Wimberley <u> </u> Woodcreek	<u> </u> Austin <u> </u> Bee Cave <u> </u> Pflugerville <u> </u> Rollingwood <u> </u> Round Rock <u> </u> Sunset Valley <u> </u> West Lake Hills	<u> </u> Austin <u> </u> Cedar Park <u> </u> Florence <u> </u> Georgetown <u> </u> Jerrell <u> </u> Leander <u> </u> Liberty Hill <u> </u> Pflugerville <u> </u> Round Rock

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

Kevin Hoskins

Print Name of Customer/Authorized Agent

Kevin Hoskins

11-11- 4

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):

General Information Form

Texas Commission on Environmental Quality

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

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

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

Signature

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

Print Name of Customer/ Kevin Hoskins

Agent: Date: 11/4/24

Signature of Customer/Agent:

Kevin Hoskins

Project Information

1. Regulated Entity Name: N. Austin MUD1
2. County: Williamson
3. Stream Basin: _____
4. Groundwater Conservation District (If applicable): _____
5. Edwards Aquifer Zone:
 Recharge Zone
 Transition Zone
6. Plan Type:
 WPAP
 SCS
 Modification
 AST
 UST
 Exception Request

7. Customer (Applicant): North Austin MUD 1

Contact Person: Andrew Hunt

Entity: _____ 13300 Humphrey Dr. Austin TX 78729-N. Austin MUD #1

Mailing Address: 2601 Forrest Creek Dr.

City, State: Round Rock, TX

Zip: 78665

Telephone: 512-246-1400

FAX: _____

Email Address: ahunt@crossroadsus.com

8. Agent/Representative (If any):

Contact Person: Kevin Hoskins

Entity: Absolute Communications & Network Solutions Inc.

Mailing Address: 152 Windy Meadows Dr.

City, State: Schertz, TX

Zip: 78154

Telephone: 210-892-3800

FAX: _____

Email Address: kevin_hoskins@callabsolute.com

9. Project Location:

The project site is located inside the city limits of Yes.

The project site is located outside the city limits but inside the ETJ (extra-territorial jurisdiction) of _____.

The project site is not located within any city's limits or ETJ.

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.

13300 Humphrey Dr. Austin TX 78729- Robinson Park

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

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

Project site boundaries.

USGS Quadrangle Name(s).

Boundaries of the Recharge Zone (and Transition Zone, if applicable).

Drainage path from the project site to the boundary of the Recharge Zone.

13. **The TCEQ must be able to inspect the project site or the application will be returned.** Sufficient survey staking is provided on the project to allow TCEQ regional staff to locate the boundaries and alignment of the regulated activities and the geologic or manmade features noted in the Geologic Assessment.

Survey staking will be completed by this date: 11-4-24

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: _____

Prohibited Activities

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

- (1) Waste disposal wells regulated under 30 TAC Chapter 331 of this title (relating to Underground Injection Control);
- (2) New feedlot/concentrated animal feeding operations, as defined in 30 TAC §213.3;
- (3) Land disposal of Class I wastes, as defined in 30 TAC §335.1;
- (4) The use of sewage holding tanks as parts of organized collection systems; and
- (5) New municipal solid waste landfill facilities required to meet and comply with Type I standards which are defined in §330.41(b), (c), and (d) of this title (relating to Types of Municipal Solid Waste Facilities).
- (6) New municipal and industrial wastewater discharges into or adjacent to water in the state that would create additional pollutant loading.

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

- (1) Waste disposal wells regulated under 30 TAC Chapter 331 (relating to Underground Injection Control);
- (2) Land disposal of Class I wastes, as defined in 30 TAC §335.1; and

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

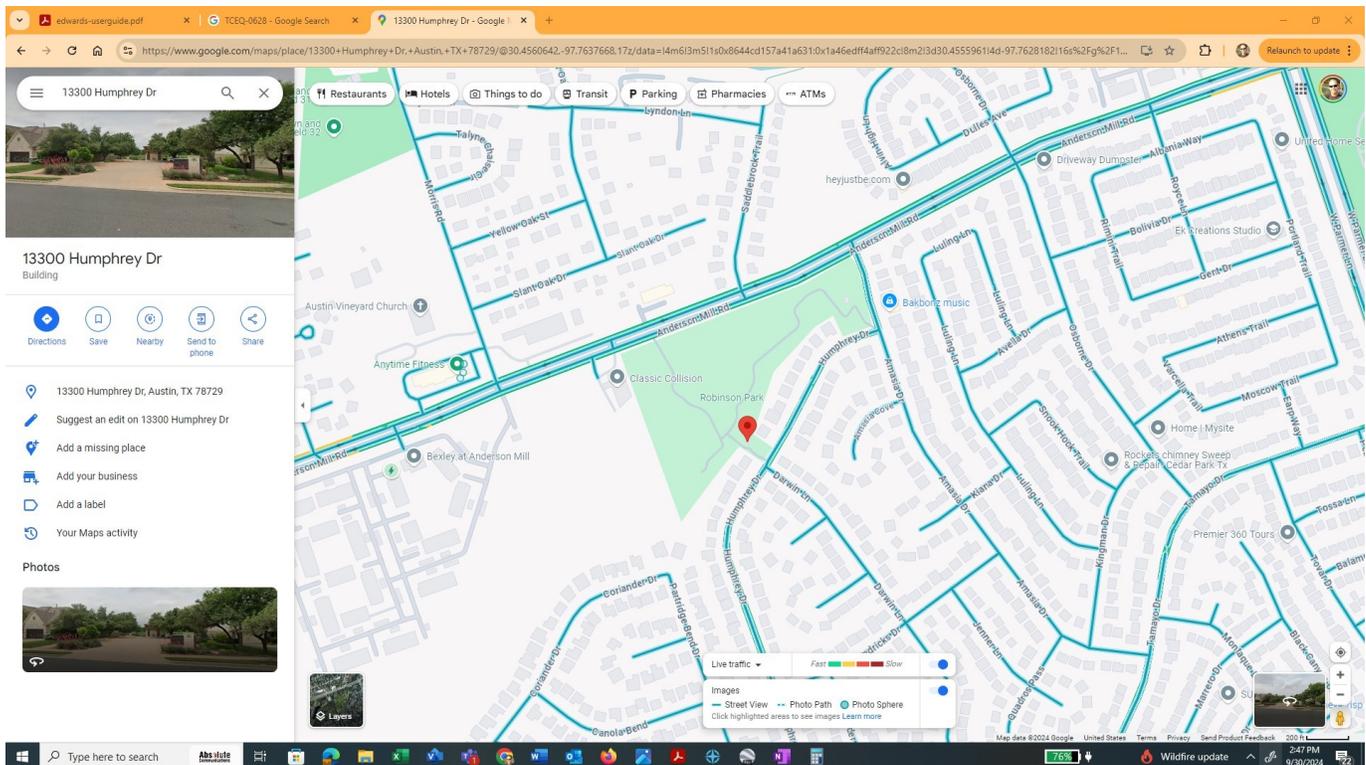
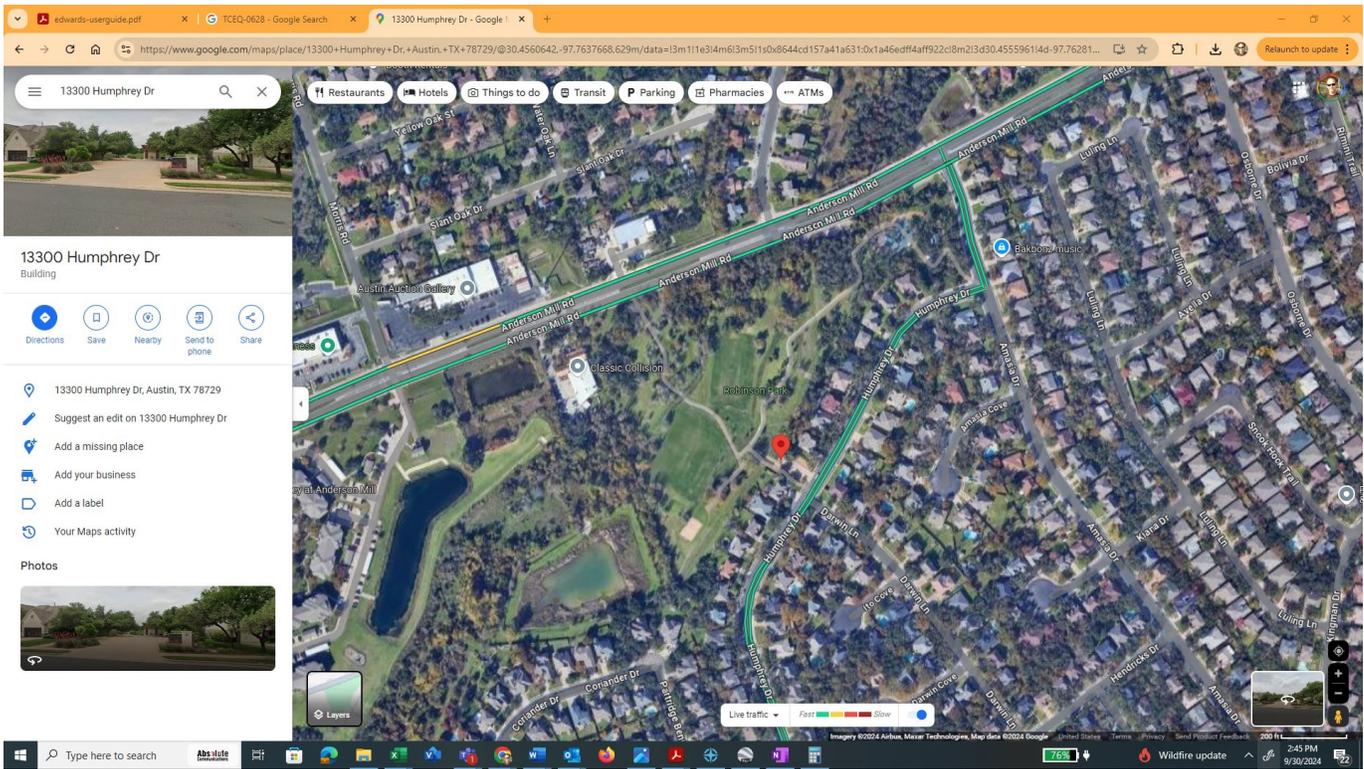
Administrative Information

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

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

Attachment A – Road Map.

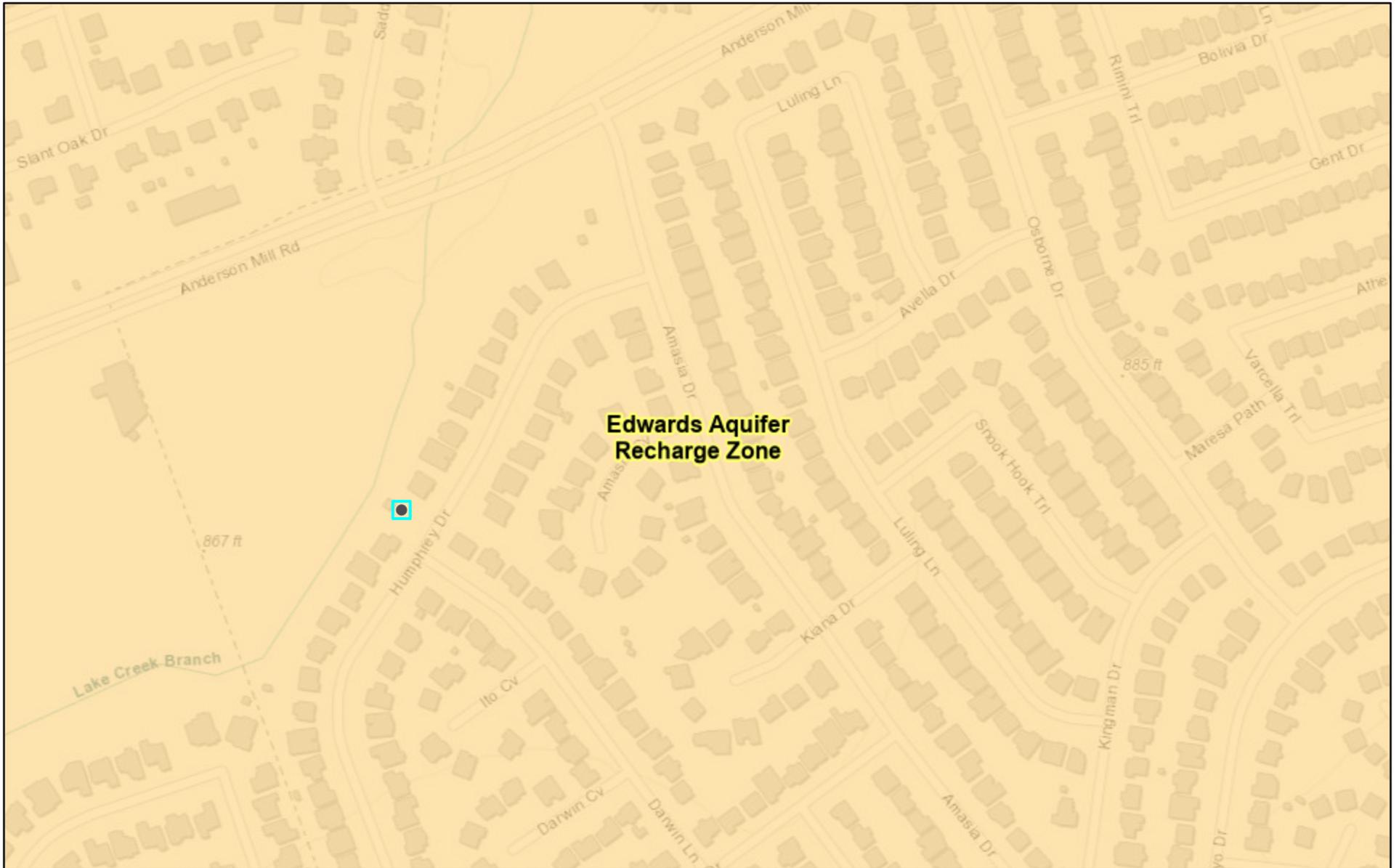
See Road Maps below:



Attachment B - USGS / Edwards Recharge Zone Map.

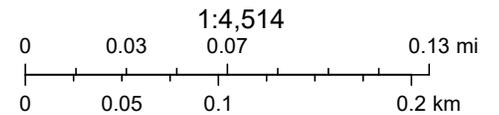
See USGS Map of the Edwards Recharge Zone with the Monopole site illustrated on it below:

Edwards Aquifer Viewer Custom Print



9/30/2024, 2:52:09 PM

- Edwards Aquifer Label
- City/Place
- TX Counties
- 7.5 Minute Quad Grid
- TCEQ_EDWARDS_OFFICIAL_MAPS



Austin Community College, City of Austin, County of Williamson, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, EPA, USDA, TCEQ

Web AppBuilder for ArcGIS

Attachment C – Project Description.

Area of the site:

The area of the site is approximately 36" in diameter by 15' deep. It is a pier for a pole.

Offsite areas:

N/A. There are no off site areas.

Impervious cover:

N/A. There will not be any installed or additional impervious covers installed in or around the foundational pier for the monopole.

Permanent BMP(s):

This construction consists of drilling a 36" Diameter x 15' Deep hole and installing a precast-hardend concrete pier/base into the hole and backfilling around the pier with approximately 3.1 yards of standard 3000 psi. concrete to provide proper ground contact adhesion of the base for support ballast.

Proposed site use:

The site will serve as the location for installing a 40' tall galvanized steel utility monopole that will be outfitted with a single omni antenna at the top of the monopole that will be connected to base unit radio mounted at the base of the pole. All spoils from the pier will be removed to taken to a local land fill. There will not be any additional surface materials added to the area as a result of the Monopole installation other than the Monopole itself and the foundational Pier/base that is installed/drilled into the ground where the target installation is indicated on the GIS Maps that are attached.

Site history:

The site is the property of N. Austin MUD1 and used as a well site that is going to support this new Base Station Monopole as part of the City's new Water Automation System

Previous development:

None

Area(s) to be demolished:

There are no areas of demolition as part of this project.



SCI ENGINEERING, INC.

EARTH • SCIENCE • SOLUTIONS

GEOTECHNICAL
ENVIRONMENTAL
NATURAL RESOURCES
CULTURAL RESOURCES
CONSTRUCTION SERVICES

August 5, 2024

Kevin Hoskins, RCDD PMCP| SVP-COO
Absolute Communications
152 Windy Meadows Drive
Schertz, Texas 78154

RE: Geological Assessment
Robinson Park Repeater
Austin, Texas
SCI No. 2024-1101.1G

Dear Kevin Hoskins:

As requested, SCI Engineering, Inc. (SCI) conducted a Geologic Assessment (GA) at Robinson Park located at 13300 Humphrey Drive in Austin, Texas. Our services were provided in general accordance with our proposal, dated June 18, 2024, and authorized on June 25, 2024.

The GA was completed in compliance with the Texas Commission on Environmental Quality (TCEQ) requirements for regulated developments located within the Edwards Aquifer Recharge Zone (EARZ). As the site is in the EARZ, the GA must be completed and signed by a Professional Geoscientist licensed in the State of Texas. This letter addresses those requirements and describes the surficial geologic units and identifies the location and extent of geologic features present within the development area.

We have included the following items, which are required for a GA in accordance with *30 TAC 213.5(b)(3)*, Effective June 1, 1999:

- Geologic Assessment Form (TCEQ-0585) – Attachment A;
- Geologic Assessment Table (TCEQ-0585-Table) – Attachment A;
- Stratigraphic Column – Attachment B;
- Narrative Description of Geology and Soils – Attachment C;
- Overview Maps – Attachment D; Figures 1 and 3
- Site Geologic Map – Attachment D, Figure 2; and
- Site Photographs – Attachment E.

Kevin Hoskins, RCDD PMCP| SVP-COO
Absolute Communications

2

August 5, 2024
SCI No. 2024-1101.1G

PROJECT DESCRIPTION

The project site measures 0.167 acres in size and is developed with a small parking area and restroom facility. The surface of the site is covered with concrete and gravel parking areas, some landscaping beds and is grass-covered greenspace in the western portion of the project site where the tower is proposed.

The proposed project site lies within the Edwards Aquifer Recharge Zone (EARZ) and the 2014 USGS Karst dataset indicates that the site is located within a Carbonate Karst Zone. The site is situated within Karst Zone 1 (defined as an area known to contain endangered cave fauna), and within 2 miles of a Jollyville Plateau Salamander Critical Habitat, as identified by the U.S. Fish and Wildlife Service.

As the proposed project meets the 30 TAC 213 definition of a regulated activity, the GA will be required to be submitted to the TCEQ in conjunction with the Water Pollution Abatement Plan (WPAP), prepared by others, and approved prior to the beginning of construction activities.

SITE INVESTIGATION

The site investigation was conducted on July 13, 2024, by an SCI Staff Scientist under the supervision of a State of Texas Licensed Professional Geoscientist (PG). Vegetation consisted of grasses with some deciduous trees and landscaped areas. Majority of site was gravel base parking, concreted drive entrance, with one existing structure that would be restrooms. The limestone bedrock is classified as the Edwards Limestone (Ked) formation of the Fredericksburg group according to United States Geological Survey (USGS) data.

This sub-parcel of the park is developed with a small parking area and restroom facility. The surface of the site is covered with concrete and gravel parking areas, some landscaping and a small grass covered area in the western portion of the project site where the tower is proposed. The site is bordered to the northwest by Robinson Park and residences to the north and south, and Humphrey Drive to the east. Topography in the area of the proposed tower slopes downwards from the southwest towards the northeast with approximately three feet of relief.

The investigation was performed in maximum 50-foot transects to evaluate the property for potential sensitive/recharge features. One manmade drainage way feature, MB-007, was documented as a drainage way running from the northeast to southwest portion of the site. The drainage way was assessed for recharge potential. No sensitive features (ex. caves, sinkholes, faults, or fractures) were identified within the project site.

SUMMARY

No sensitive features were identified within the site area. It is possible that other features within the property may be covered by soil, organic debris, or vegetation. If additional features are found during excavation or construction, further investigation may be required to determine the extent of these features and their influence on groundwater aquifers. Additional details regarding features found within the project site may be referenced in the *Geologic Table* in Attachment A and in the *Geologic Narrative* in Attachment C.

Kevin Hoskins, RCDD PMCP| SVP-COO
Absolute Communications

3

August 5, 2024
SCI No. 2024-1101.1G

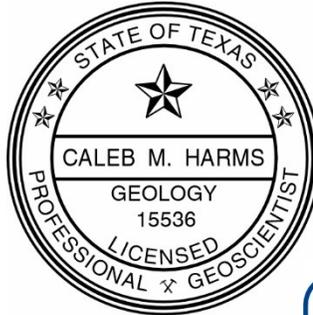
LIMITATIONS

This report has been prepared for the exclusive use of Absolute Communications. SCI is not responsible for independent conclusions or recommendations made by others. The findings of this report are valid as of the present date of the assessment. SCI is not responsible for surveys, calculations, or plans that were prepared by others.

We appreciate the opportunity to be of service to you on this project. If you have any questions or comments, please do not hesitate to contact us.

Respectfully,

SCI ENGINEERING, INC.
Texas Engineering Firm F-7870



Caleb M. Harms, P.G., R.G.
Staff Geologist

A handwritten signature in black ink, appearing to read "Tim J. Barrett".

Timothy J. Barrett, P.E., CFM
Geotechnical Services Manager

DocuSigned by:

E0ACDB5698074E3...

CMH/LJV/TJB/snp/mas

10/18/2024

Enclosures

- Attachment A - Geologic Assessment Form and Table
- Attachment B - Stratigraphic Column
- Attachment C - Site Geology Narrative
- Attachment D - Site Maps
- Attachment E - Photographic Summary

Appendix A

Geologic Assessment

Texas Commission on Environmental Quality

For Regulated Activities on The Edwards Aquifer Recharge/transition Zones and Relating to 30 TAC §213.5(b)(3), Effective June 1, 1999

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

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

Signature

To the best of my knowledge, the responses to this form accurately reflect all information requested concerning the proposed regulated activities and methods to protect the Edwards Aquifer. My signature certifies that I am qualified as a geologist as defined by 30 TAC Chapter 213.

Print Name of Geologist: Caleb M. Harms

Telephone: 512-996-9199

Date: 07/02/2024

Fax: 844-462-0439

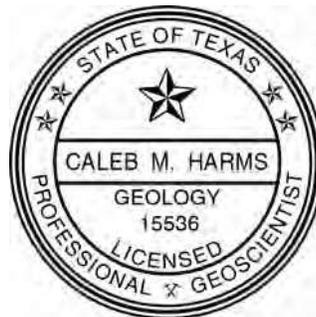
Representing: SCI Engineering, Inc. - TBPG 13035

(Name of Company and TBPG or TBPE registration number)

Signature of Geologist:

DocuSigned by:

10/18/2024
E0ACDB5698074E3...



Regulated Entity Name: Absolute Communications

Project Information

1. Date(s) Geologic Assessment was performed: 05/21/2024

2. Type of Project:

WPAP

AST

SCS

UST

3. Location of Project:

Recharge Zone

Transition Zone

Contributing Zone within the Transition Zone

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

Table 1 - Soil Units, Infiltration Characteristics and Thickness

Soil Name	Group*	Thickness(feet)
FaB - Fairlie clay, 1 to 2 percent slopes	D	0 to 3.8'

* 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" = 100'
 Site Geologic Map Scale: 1" = 100'
 Site Soils Map Scale (if more than 1 soil type): 1" = _____'

9. Method of collecting positional data:

- Global Positioning System (GPS) technology.
- Other method(s). Please describe method of data collection: _____

10. The project site and boundaries are clearly shown and labeled on the Site Geologic Map.

11. Surface geologic units are shown and labeled on the Site Geologic Map.
12. Geologic or manmade features were discovered on the project site during the field investigation. They are shown and labeled on the Site Geologic Map and are described in the attached Geologic Assessment Table.
 Geologic or manmade features were not discovered on the project site during the field investigation.
13. The Recharge Zone boundary is shown and labeled, if appropriate.
14. All known wells (test holes, water, oil, unplugged, capped and/or abandoned, etc.): If applicable, the information must agree with Item No. 20 of the WPAP Application Section.
 There are _____ (#) wells present on the project site and the locations are shown and labeled. (Check all of the following that apply.)
 - The wells are not in use and have been properly abandoned.
 - The wells are not in use and will be properly abandoned.
 - The wells are in use and comply with 16 TAC Chapter 76. There are no wells or test holes of any kind known to exist on the project site.

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.

Appendix B

Attachment B - Stratigraphic Column

AGE	GROUP	STRATIGRAPHIC FORMATION	THICKNESS (ft)	LITHOLOGY
Upper Cretaceous	Buda	Buda Limestone (Kbu)	~ 45	Fine grained, bioclastic, commonly glauconitic, pyritiferous, hard, massive, poorly bedded to nodular, thinner bedded and argillaceous near upper contact, light gray to pale orange; weathers dark gray to brown, burrows filled with chalky marl. Abundant pelecypods.
	Grayson	Del Rio Clay (Kdr)	40 to 70	Calcareous and gypsiferous clay, blocky, medium gray, weathers light gray to yellowish gray; some thin lenticular beds of highly calcareous siltstone. Marine mega fossils include abundant Exogyra arietina and other pelecypods.
	Washita	Georgetown Formation (Kgt)	~ 90	Unit consists of thick bedded nodular limestone with interbedded chalky, argillaceous limestone and light gray to buff shale. Interbedded, thin, chalky limestone and light gray marl can be present near the bottom of the formation.
Lower Cretaceous	Fredericksburg	Edwards Formation (Ked)	~ 210	Formation consists of massive limestone bed with chert nodules and dolomite. The limestone is aphanitic to fine-grained, massive to thin bedded, hard, brittle, some rudistid biostromes, and milliollid biosparite. Zones of recrystallized weathering and vuggy porosity.
	Fredericksburg	Comanche Peak Formation (Kcp)	~ 65	Unit consists of fine to very fine grained, fairly hard, nodular, light gray weathers to white. Extensively burrowed, irregularly interbedded with marl.
	Fredericksburg	Walnut Formation (Kwa)	70 to 90	Limestone and claystone interbedded. Argillaceous, nodular, thin to medium bedded, iron stained, and burrowed. unit consist of marly limestone alternating with harder more crystalline limestone.

Edwards Aquifer

Note: Stratigraphic Column adapted from; Housh, Todd B. 2007, Bedrock Geology of Round Rock and Surrounding areas, Williamson and Travis Counties, Texas.

*Blue shading represents lithology underling the project site.

Appendix C

Attachment C – Site Geology Narrative

INTRODUCTION

This Geologic Assessment Narrative accompanies the TCEQ Geologic Assessment Form TCEQ-0585 completed for the approximately 0.167-acre property located at 13300 Humphrey Drive in Austin, Williamson County, Texas. The site location is depicted on the *Vicinity and Topographic Map*, Attachment D, Figure 1.

GEOLOGIC SETTING

The site is located on the east edge of the Edwards Plateau, within the Balcones Escarpment. With the region’s semi-arid climate, precipitation is approximately 36 inches per year, with temperate grasslands, savannas, and shrublands. While no outcrops were observed on site the bedrock would consist of Cretaceous aged limestone belonging to the Edwards Limestone formation of the Fredericksburg Group. The project site is located within the Edwards Aquifer Recharge Zone.

Soils:

Information regarding the following soil description is derived from the *Soil Survey of Williamson County* published by the Soil Conservation Service via the Web Soil Survey (WSS) application. The WSS shows the project site is located within the Fairlie clay unit (FaB). The soils are classified as Hydrologic Soil Group D which have a medium infiltration rate (medium potential) when thoroughly wet, and water movement through the soil is moderately low or moderately high. The Fairlie series soils occur on ridges and consist of clays typically 46 inches in thickness. The Fairlie series are underlain by limestone bedrock.

Table 1 – Soil Description

Map Symbol and Map Unit Name	Component/ Local Phase	Component Percent	Landform	Depth to Restrictive Feature	Depth to Water Table	Hydrologic Soil Group
FaB – Fairlie clay, 1 to 2 percent slopes	Fairlie clay	100	Ridges	40 to 60-inches to paralithic bedrock	>80 inches	D

Stratigraphy:

The bedrock lithology underlying the site consists of the Edwards Limestone (Ked), and the tract is located entirely within the Edwards Aquifer Recharge Zone as shown on the *Geologic Formation Map*, Attachment D, Figure 2. The Edwards Limestone is a cretaceous age limestone within the Fredericksburg Group of the Comanchean - Albian series. The limestone is aphanitic to fine grained, massive to thin bedded, hard, brittle, in part rudistid biostromes, many miliolid biospartie. Exposed outcrops are generally susceptible to chemical weathering, and secondary porosity may vary from microscopic to megascopic in scale.

A *Stratigraphic Column* illustrating the generalized stratigraphy of the Edwards and Trinity Aquifers, underlying the subject site is provided in Attachment B. The Barton Springs Edwards Aquifer Conservation District (2022) defines the generalized stratigraphy and aquifers around the subject site, accessed from <https://bseacd.org/aquifer-science/about-the-aquifers>.

Attachment C – Site Geology Narrative

Structure:

The Balcones Escarpment is a geologic fault zone several miles wide consisting of several faults. The Balcones fault zone ultimately controls the structural geology of the region, displacing eastward dipping strata of the Early and Late Cretaceous as much as 1,000 feet down to the east through north to northeast-trending normal faults. It is thought that this displacement occurred primarily during the late Oligocene or early Miocene; however, others have argued instead that movement during the Late Cretaceous and Pliocene is plausible. No faults are documented at the site, nor were any observed during our work.

In general, aquifer recharge occurs where formations are exposed at or near the surface, but it may also occur in the presence of faults, fractures, and karst features. Exposure of the Edwards Formation is often correlated to karst development within the region. Karst features are commonly found along fractures, joints, and bedding planes within the Edwards Formation.

SITE SUMMARY

The site investigation was conducted on July 13, 2024, by an SCI Staff Scientist under the supervision of a State of Texas Licensed Professional Geoscientist (PG). Vegetation consisted of grasses with deciduous trees and landscaped areas. This sub-parcel of the park is developed with a small parking area and restroom facility. The surface of the site is covered with concrete and gravel parking areas, some landscaping and a small grass covered area in the western portion of the project site where the tower is proposed. The site is bordered to the northwest by Robinson Park and residences to the north and south, and Humphrey Drive to the east. Topography in the area of the proposed tower slopes downwards from the southwest towards the northeast with approximately three feet of change in elevation.

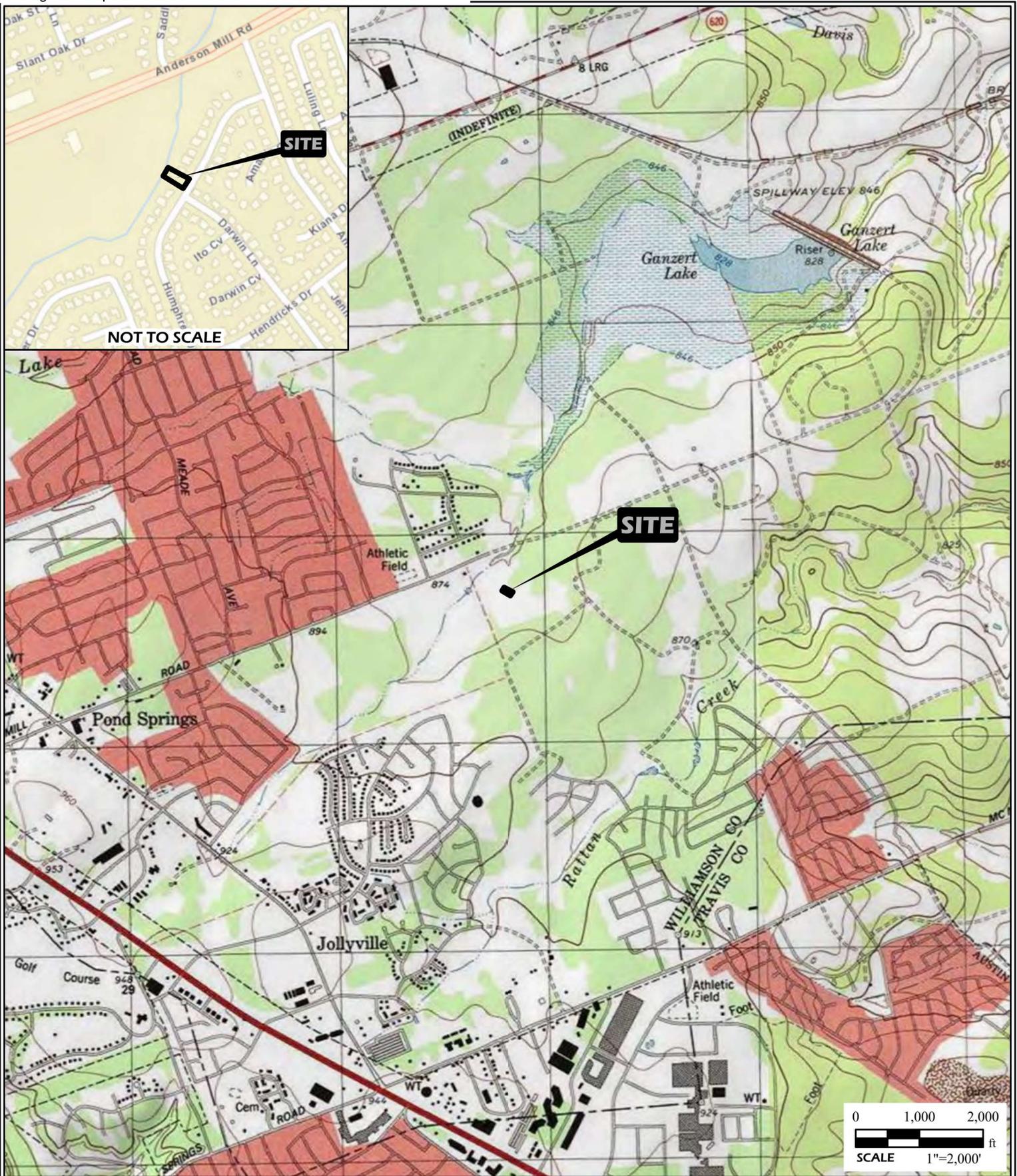
Based on historical aerials the site was developed sometime between 1985 and 1995. Before 1985 the site was undeveloped and primarily grassland.

The site investigation was performed in maximum 50-foot transects to evaluate the property for potential sensitive/recharge features. Seven manmade features were documented and evaluated for recharge potential; no natural features were found on site. None of those features were identified as sensitive (ex. caves, sinkholes, faults/fractures) within the 0.167-acre lot. These features are discussed below and shown on the *Geological Formation Map*, Attachment D, Figure 3, and in the *Site Photographs*, Attachment E.

Manmade Features:

Due to the site being previously developed, infrastructure exists throughout the site. Several utilities and manmade features were observed on site. Features consisted of water valves, MB-001, electrical and cable lines, MB-002, a pumphouse with utility hookups, MB-003, underground electric, MB-004, electric to power the restrooms, MB-005, and City of Austin meter and shutoffs, MB-006. A manmade drainageway, MB-008, oriented southwest to northeast in the western portion the site was observed and mapped. Based on our observations, the utilities appear to be performing as intended and there was no indication of increased infiltration at the utility locations.

Attachment D



<p>PROJECT NAME ROBINSON PARK REPEATER AUSTIN, TEXAS</p>			
<p>VICINITY AND TOPOGRAPHIC MAP</p>			
<p>DRAWN BY MAV</p>	<p>FIGURE DATE 07/26/2024</p>	<p>JOB NUMBER 2024-1101.1G</p>	
<p>CHECKED BY CMH</p>			

GENERAL NOTES/LEGEND
 USGS TOPOGRAPHIC MAP
 JOLLYVILLE TEXAS QUADRANGLE
 DATED 1987
 10' CONTOURS

STREET MAP
[HTTP://GOTO.ARCGISONLINE.COM/MAPS/WORLD_STREET_MAP](http://gto.arcgisonline.com/maps/world_street_map)


FIGURE
1



	PROJECT NAME ROBINSON PARK REPEATER AUSTIN, TEXAS			GENERAL NOTES/LEGEND <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="width: 15px; height: 10px; background-color: #8ebf8e; margin-right: 5px;"></div> KED - EDWARDS LIMESTONE </div> AERIAL PHOTOGRAPH OBTAINED FROM ARCGIS ONLINE, WORLD IMAGERY. DIMENSIONS AND LOCATIONS ARE APPROXIMATE; ACTUAL MAY VARY. DRAWING SHALL NOT BE USED OUTSIDE THE CONTEXT OF THE REPORT FOR WHICH IT WAS GENERATED.	 FIGURE 2
	GEOLOGICAL FORMATION MAP				
DRAWN BY	MAV	FIGURE DATE	JOB NUMBER		
CHECKED BY	CMH	07/26/2024	2024-1101.1G		



	PROJECT NAME ROBINSON PARK REPEATER AUSTIN, TEXAS			GENERAL NOTES/LEGEND <div style="display: flex; align-items: center; margin-bottom: 5px;"> KED - EDWARDS LIMESTONE </div> <div style="display: flex; align-items: center;"> APPROXIMATE FEATURE LOCATIONS </div> <p style="font-size: small; margin-top: 5px;"> AERIAL PHOTOGRAPH OBTAINED FROM ARCGIS ONLINE, WORLD IMAGERY. DIMENSIONS AND LOCATIONS ARE APPROXIMATE; ACTUAL MAY VARY. DRAWING SHALL NOT BE USED OUTSIDE THE CONTEXT OF THE REPORT FOR WHICH IT WAS GENERATED. </p>	 FIGURE 3
	GEOLOGICAL FORMATION MAP				
DRAWN BY	MAV	FIGURE DATE	JOB NUMBER		
CHECKED BY	CMH	07/26/2024	2024-1101.1G		

Attachment E



Photo 1. North side of site, facing south



Photo 2. North side of site, facing east



Photo 3. Northeast corner, facing northwest



Photo 4. East side of site, facing northwest



Photo 5. East side of site, facing west



Photo 6. MB-001, MB-002, and MB-003 facing north



Photo 7. MB-001, MB-002, and MB-003 facing northwest



Photo 8. MB-004, underground utility, facing north



Photo 9. MB-005, underground utility line split to restroom



Photo 10. MB-006, City of Austin meter and shut off



Photo 11. MB-006, facing northwest



Photo 12. MB-007, drainage, facing northeast



Photo 13. MB-007, drainage, facing southwest



Photo 1. North side of site, facing south



Photo 2. North side of site, facing east



Photo 3. Northeast corner, facing northwest



Photo 4. East side of site, facing northwest



Photo 5. East side of site, facing west



Photo 6. MB-001, MB-002, and MB-003 facing north



Photo 7. MB-001, MB-002, and MB-003 facing northwest



Photo 8. MB-004, underground utility, facing north



Photo 9. MB-005, underground utility line split to restroom



Photo 10. MB-006, City of Austin meter and shut off



Photo 11. MB-006, facing northwest



Photo 12. MB-007, drainage, facing northeast



Photo 13. MB-007, drainage, facing southwest

Recharge and Transition Zone Exception Request Form

Texas Commission on Environmental Quality

30 TAC §213.9 Effective June 1, 1999

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

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

Signature

To the best of my knowledge, the responses to this form accurately reflect all information requested concerning the proposed regulated activities and methods to protect the Edwards Aquifer. This **Recharge and Transition Zone Exception Request Form** is hereby submitted for TCEQ review and executive director approval. The request was prepared by:

Print Name of Customer/Agent: Kevin Hoskins

Date: 11-4-24

Signature of Customer/Agent:

Kevin Hoskins

Regulated Entity Name: 13300 Humphrey Dr. Austin TX 78729-North Austin MUD #1

Exception Request

- Attachment A - Nature of Exception.** A narrative description of the nature of each exception requested is attached. All provisions of 30 TAC §213 Subchapter A for which an exception is being requested have been identified in the description.
- Attachment B - Documentation of Equivalent Water Quality Protection.** Documentation demonstrating equivalent water quality protection for the Edwards Aquifer is attached.

Administrative Information

- 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.
- The applicant understands that no exception will be granted for a prohibited activity in Chapter 213.
- The applicant understands that prior approval under this section must be obtained from the executive director for the exception to be authorized.

ESfWf aX ad

Fai W4g[V-13300 Humphrey Dr. Austin, TX 78729

⊙ 4g[VS V[eS^a` WW : 6 9S1S` [IW? geLā 4"y? a` aZBa`Vsf fZW3240 Humphrey 6ē`aUSf[a` žFZ[ei [^
Lā` e[ef aXVd^` YSb[WbSVfZSf [eSbbdj [Sfvk a 36 [V[S_ WWSdWfZSfi [^Sbbdj [Sfvk 15 XZVWZfZW
_ a` aba`We WY W ^] VS XVUWbaefZFWā` efgU[a` [eS_ SffWLaXVd^` Yagf S36` [žTk 15y XZa`VS V
Vcabb[` YSZSdWWbdWZSef 13.38y[žTk \$oyXZ`a` YXg` Vsf[a` baef [fa fZWd^`WZa`WfZWZa`W [^TWISU
X^Wi [fZ 3.1 kSdVeaXWZ_ lj %"" be[Lā` UMWā` UWZWg` Vsf[a` b[W[e`WWS` VēWgdWZfZWba[eXā`
fZWd^` Yi [^TW_ W[Sfvk`aSWWSeWUSfWa` fa SVg` b fōS[Wi ZWZWki [^TWZSg`Wa`XfZWbcbWk fa
S`aUS`S` VX^fa TWbcbWk V[baeWaX3` kbae[TWē`f ade`gdk_ lj aXea[`S` Vi SffWfZSf_ [Yzf bae[T`k WUSbW
fZWb[WZag` Vsf[a` i [^TWā` fā`WTKS`##(j %)[eS`W e[f XVUWgdag` V[YfZWag` Vsf[a` ž; XZVWēS` k
ēgdk[ea[V_ lj fZSf WUSbWfZWb[W]fi [^TWā`WfWa` Se[f XVUWk`Vg` Wf`S` Wf`S` VdW ahWXA_ fZW
bcbWkZl W [ll not be disturbing any of the surface of the property other than 36' circle that represents the pier
area.

We will not be removing or damaging any trees.

We sill not be removing any top soil or surface foliage as part of the project.

We will not be changing the natural coutures or slopes or runoffs of the property as a result of our servers.

We will not be creating anything that obstructs the current property runoff.

We will not be raising the soil level or taking away from the existing soil level.

We will not be drilling into any cavern areas or underground water pockets as a result of this project.

We will not be creating any areas where water will stand or pool as a result of the project.

Attachment B - Documentation of Equivalent Water Quality Protection.

The local vegetation is helping provide equivalent water quality protection for the minor impervious cover.

Temporary Stormwater Section

Texas Commission on Environmental Quality

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

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

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

Signature

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

Print Name of Customer/Agent: Kevin Hoskins

Date: 11/4/24

Signature of Customer/Agent:

Kevin Hoskins

Regulated Entity Name: 13300 Humphrey Dr. Austin TX78729 North Austin MUD #1

Project Information

Potential Sources of Contamination

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

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

The following fuels and/or hazardous substances will be stored on the site: None- Nothing to be store on

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

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

- Aboveground storage tanks with a cumulative storage capacity between 250 gallons and 499 gallons will be stored on the site for less than one (1) year.
- Aboveground storage tanks with a cumulative storage capacity of 500 gallons or more will be stored on the site. An Aboveground Storage Tank Facility Plan application must be submitted to the appropriate regional office of the TCEQ prior to moving the tanks onto the project.
- Fuels and hazardous substances will not be stored on the site.
- 2. **Attachment A - Spill Response Actions.** A site specific description of the measures to be taken to contain any spill of hydrocarbons or hazardous substances is attached.
- 3. Temporary aboveground storage tank systems of 250 gallons or more cumulative storage capacity must be located a minimum horizontal distance of 150 feet from any domestic, industrial, irrigation, or public water supply well, or other sensitive feature.
- 4. **Attachment B - Potential Sources of Contamination.** A description of any activities or processes which may be a potential source of contamination affecting surface water quality is attached.

Sequence of Construction

- 5. **Attachment C - Sequence of Major Activities.** A description of the sequence of major activities which will disturb soils for major portions of the site (grubbing, excavation, grading, utilities, and infrastructure installation) is attached.
 - For each activity described, an estimate (in acres) of the total area of the site to be disturbed by each activity is given.
 - For each activity described, include a description of appropriate temporary control measures and the general timing (or sequence) during the construction process that the measures will be implemented.
- 6. Name the receiving water(s) at or near the site which will be disturbed or which will receive discharges from disturbed areas of the project: _____

Temporary Best Management Practices (TBMPs)

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

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

- A description of how BMPs and measures will prevent pollution of surface water, groundwater or stormwater that originates upgradient from the site and flows across the site.
 - A description of how BMPs and measures will prevent pollution of surface water or groundwater that originates on-site or flows off site, including pollution caused by contaminated stormwater runoff from the site.
 - A description of how BMPs and measures will prevent pollutants from entering surface streams, sensitive features, or the aquifer.
 - A description of how, to the maximum extent practicable, BMPs and measures will maintain flow to naturally-occurring sensitive features identified in either the geologic assessment, TCEQ inspections, or during excavation, blasting, or construction.
8. The temporary sealing of a naturally-occurring sensitive feature which accepts recharge to the Edwards Aquifer as a temporary pollution abatement measure during active construction should be avoided.
- Attachment E - Request to Temporarily Seal a Feature.** A request to temporarily seal a feature is attached. The request includes justification as to why no reasonable and practicable alternative exists for each feature.
 - There will be no temporary sealing of naturally-occurring sensitive features on the site.
9. **Attachment F - Structural Practices.** A description of the structural practices that will be used to divert flows away from exposed soils, to store flows, or to otherwise limit runoff discharge of pollutants from exposed areas of the site is attached. Placement of structural practices in floodplains has been avoided.
10. **Attachment G - Drainage Area Map.** A drainage area map supporting the following requirements is attached:
- For areas that will have more than 10 acres within a common drainage area disturbed at one time, a sediment basin will be provided.
 - For areas that will have more than 10 acres within a common drainage area disturbed at one time, a smaller sediment basin and/or sediment trap(s) will be used.
 - For areas that will have more than 10 acres within a common drainage area disturbed at one time, a sediment basin or other equivalent controls are not attainable, but other TBMPs and measures will be used in combination to protect down slope and side slope boundaries of the construction area.
 - There are no areas greater than 10 acres within a common drainage area that will be disturbed at one time. A smaller sediment basin and/or sediment trap(s) will be used in combination with other erosion and sediment controls within each disturbed drainage area.

- There are no areas greater than 10 acres within a common drainage area that will be disturbed at one time. Erosion and sediment controls other than sediment basins or sediment traps within each disturbed drainage area will be used.
11. **Attachment H - Temporary Sediment Pond(s) Plans and Calculations.** Temporary sediment pond or basin construction plans and design calculations for a proposed temporary BMP or measure have been prepared by or under the direct supervision of a Texas Licensed Professional Engineer. All construction plans and design information must be signed, sealed, and dated by the Texas Licensed Professional Engineer. Construction plans for the proposed temporary BMPs and measures are attached.
- N/A
12. **Attachment I - Inspection and Maintenance for BMPs.** A plan for the inspection of each temporary BMP(s) and measure(s) and for their timely maintenance, repairs, and, if necessary, retrofit is attached. A description of the documentation procedures, recordkeeping practices, and inspection frequency are included in the plan and are specific to the site and/or BMP.
13. All control measures must be properly selected, installed, and maintained in accordance with the manufacturer's specifications and good engineering practices. If periodic inspections by the applicant or the executive director, or other information indicate a control has been used inappropriately, or incorrectly, the applicant must replace or modify the control for site situations.
14. If sediment escapes the construction site, off-site accumulations of sediment must be removed at a frequency sufficient to minimize offsite impacts to water quality (e.g., fugitive sediment in street being washed into surface streams or sensitive features by the next rain).
15. Sediment must be removed from sediment traps or sedimentation ponds not later than when design capacity has been reduced by 50%. A permanent stake will be provided that can indicate when the sediment occupies 50% of the basin volume.
16. Litter, construction debris, and construction chemicals exposed to stormwater shall be prevented from becoming a pollutant source for stormwater discharges (e.g., screening outfalls, picked up daily).

Soil Stabilization Practices

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

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

18. Records must be kept at the site of the dates when major grading activities occur, the dates when construction activities temporarily or permanently cease on a portion of the site, and the dates when stabilization measures are initiated.
19. Stabilization practices must be initiated as soon as practicable where construction activities have temporarily or permanently ceased.

Administrative Information

20. All structural controls will be inspected and maintained according to the submitted and approved operation and maintenance plan for the project.
21. If any geologic or manmade features, such as caves, faults, sinkholes, etc., are discovered, all regulated activities near the feature will be immediately suspended. The appropriate TCEQ Regional Office shall be immediately notified. Regulated activities must cease and not continue until the TCEQ has reviewed and approved the methods proposed to protect the aquifer from any adverse impacts.
22. Silt fences, diversion berms, and other temporary erosion and sediment controls will be constructed and maintained as appropriate to prevent pollutants from entering sensitive features discovered during construction.

Attachment A: 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.

There will be no hazardous substances or hydrocarbons utilized on the site. We will be dry drilling with an Auger bit a pier hole for the concrete foundation of the Monopole and once the pier base is set in the hole, we will be back filling the space round the pier inside the hole with standard concrete to stabilize the pier base.

Should any extra concrete pill outside the pier base, it will be removed with shovels and excavation equipment to ensure that no concrete is left on the surface of the surrounding ground around the pier-base.

We will not be using any type of chemicals during this process nor will be storing any type of chemicals on site during this process.

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.

The only substance being entered into the soil is standard concrete to stabilize the precast pier base of the monopole.

There are no chemicals be used as part of this monopole build.

Sequence of Construction- Attachment C- Sequence of Major Activities:

1. Install 15' x 15' x 4' silt fence around the construction area, which will be a target 10' x 10' area, with the central construction impact area being a 48" in diameter hole/pier.
2. Set up drilling truck-rig within 5' of the target drilling point near the well house on the property. No impact to the property- Outriggers will be set down on surface pads to avoid creating major impressions in the soil.
3. Commencing Drilling with a 36" auger bit and drill the 36" x 15' pier for the monopole. All spoils from the drilling to be immediately loaded onto a dump trailer upon completion of the drilling which will take approximately 4.5 hours.
4. While drilling is in progress ground team will assemble the 40' Galvanized Steel Monopole and prep/stage it to be inserted into the new 36" pier.
5. Insert the new 40' Monopole into the new 36" pier and secure/level it with the leveling wedges. This will be accomplished by rigging with a 120' 80 Ton crane and lifting the pole into the new pier hole.
6. Backfill around the new Monopole, inside the new 36" pier with standard 3000 PSI concrete up to standard ground level, with a 3-4" reveal at the base of the monopole to prevent any standing water at the base of the pole.
7. Remove all excavated earth spoils and restore surface to grass finish.
8. Total project timing from the setup of the silt fence to restoring the grass will be one week.

Attachment F- Structural Practices:

1. There are no anticipated flow disruptions to the natural flow of runoff water during this installation as there will not be any significant ground disruption or structural changes to the topological area that the tower will be installed in.

Attachment I- Inspection and Maintenance of BMPs

1. All silt fence will be inspected for structural integrity and deformations daily and repaired as necessary.
2. All spoils from drilling will be removed completely as they are removed from the drilling site.
3. Any spoils from the concrete backfill which is only 3 yards of concrete going to the pier will be cleaned and completely removed from the site.
4. Any debris and or construction trash will be managed actively in trash bins and removed from the site daily during the one week construction process.

Owner Authorization Form

for Required Signature for submitting and signing an application for an Edwards Aquifer Protection Plan (Plan) and conducting regulated activities in accordance with an approved Plan.

Texas Commission on Environmental Quality
Edwards Aquifer Protection Program
Relating to the Edwards Aquifer Rules of
Title 30 of the Texas Administrative Code
(30 TAC), Chapter 213
Effective June 1, 1999

Land Owner Authorization

I, Andrew Hunt of North Austin MUD #1
Land Owner Name (Individual) Firm (applicable to Legal Entities)

am the Owner of Record or Title Holder of the property located at:

13300 Humphrey Drive, Austin, TX 78729

(Legal description of the property referenced in the application)

and being duly authorized under 30 TAC § 213.4(c)(2) and § 213.4(d)(1) or § 213.23(c)(2) and § 213.23(d) to submit and sign an application for a Plan, do hereby authorize:

Absolute Communications & Network Solutions Inc.

(Applicant Name / Plan Holder (Legal Entity or Individual))

to conduct:

Installing a 40' Monopole Tower for the AMI Water Meter System

(Description of the proposed regulated activities)

on the property described above or at:

NW back corner of the public restrooms approximately 10' off the corner of the building.

(If applicable to a precise location for the authorized regulated activities)

Land Owner Acknowledgement

I, Andrew Hunt of North Austin MUD #1
Land Owner Name (Individual) Firm (applicable to Legal Entities)

understand that while Absolute Communications & Network Solutions Inc.
Applicant Name / Plan Holder (Legal Entity or Individual)

is responsible for compliance with the approved or conditionally approved Plan and any special conditions of the approved Plan through all phases of Plan implementation,

I, Andrew Hunt of North Austin MUD #1
Land Owner Name (Individual) Firm (applicable to Legal Entities)

as Owner of Record or Title Holder of the property described above, I am ultimately responsible for ensuring that compliance with the approved or conditionally approved Plan and any special conditions of the approved Plan, through all phases of Plan implementation, is achieved even if the responsibility for compliance and the right to possess and control of the property referenced in the application has been contractually assumed by another legal entity.

I, Andrew Hunt of North Austin MUD #1
Land Owner Name (Individual) Firm (applicable to Legal Entities)

further understand that any failure to comply with any condition of the Executive Director's approval is a violation and is subject to administrative rule or orders and penalties as provided under 30 TAC § 213.10 (relating to Enforcement). Such violation may also be subject to civil penalties and injunction.

Land Owner Signature

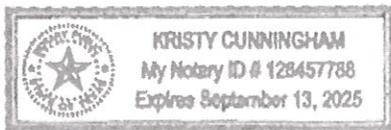
[Signature]
Land Owner Signature

10/28/24
Date

THE STATE OF § Texas
County of § Williamson

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

GIVEN under my hand and seal of office on this 28th day of October



Kristy Cunningham
NOTARY PUBLIC

Kristy Cunningham
Typed or Printed Name of Notary

MY COMMISSION EXPIRES: September 13, 2025

Attached: (Mark all that apply)

- Lease Agreement
- Signed Contract
- Deed Recorded Easement
- Other legally binding document

Applicant Acknowledgement

I, Kevin Hoskins of Absolute Communications & Network Solutions Inc.
Applicant Name (Individual) Firm (applicable to Legal Entities)

acknowledge that North Austin MUD #1
Land Owner Name (Legal Entity or Individual)

has provided Absolute Communications & Network Solutions Inc.
Applicant Name (Legal Entity or Individual)

with the right to possess and control the property referenced in the Edwards Aquifer Protection Plan (Plan).

I understand that Absolute Communications & Network Solutions Inc.
Applicant Name (Legal Entity or Individual)

is responsible, contractually or not, for compliance with the approved or conditionally approved Plan and any special conditions of the approved Plan through all phases of Plan implementation. I further understand that failure to comply with any condition of the Executive Director's approval is a violation and is subject to administrative rule or orders and penalties as provided under § 213.10 (relating to Enforcement). Such violation may also be subject to civil penalties and injunction.

Applicant Signature

[Handwritten Signature]
Applicant Signature

11/6/2024
Date

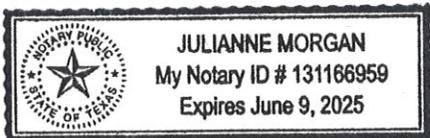
THE STATE OF § Texas

County of § Nucess

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

GIVEN under my hand and seal of office on this 6 day of November

[Handwritten Signature]
NOTARY PUBLIC
Julianne Morgan
Typed or Printed Name of Notary



MY COMMISSION EXPIRES: 6/9/2025

R338722

NORTH AUSTIN
MUD #1

13300
HUMPHREY DR,
AUSTIN, TX 78729

2025 v

2025 Market Value

172A

Page: Property Details

2025 GENERAL INFORMATION

Property Status Active
 Property Type Land
 Legal Description 55764 - Milwood Sec 38-b, BLOCK A, Lot 24, ACRES 0.167, (PARK)
 Neighborhood R392593F - Milwood
 Account R-16-4659-EX0A-0024
 Related Properties R338723, R338724, R384038
 Map Number 4-7408
 Effective Acres

2025 OWNER INFORMATION

Owner Name NORTH AUSTIN MUD #1
 Owner ID
 Exemptions Exempt Property (Active)
 Percent Ownership 100%
 Mailing Address 100 CONGRESS AVE STE 1350 AUSTIN, TX 78701-2761
 Agent

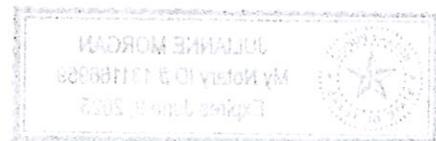
2025 VALUE INFORMATION

MARKET VALUE

Improvement Homesite Value N
 Improvement Non-Homesite Value N
 Total Improvement Market Value N
 Land Homesite Value N
 Land Non-Homesite Value N
 Land Agricultural Market Value N
 Land Timber Market Value N
 Total Land Market Value N
 Total Market Value N

ASSESSED VALUE

Total Improvement Market Value N
 Land Homesite Value N
 Land Non-Homesite Value N
 Agricultural Use N
 Timber Use N
 Total Appraised Value N
 Homestead Cap Loss N
 Circuit Breaker Limit Cap Loss N
 Total Assessed Value N



2025 Land Segments

Special Exemptions EX - Exempt Property

TAXING ENTITY	EXEMPTIONS	EXEMPTIONS AMOUNT	TAXABLE VALUE	TAX RATE PER 100	TAX CEILING
CAD-Williamson CAD			N/A	N/A	N/A
E90_Wmsn_ESD #1			N/A	N/A	N/A
GWL-Williamson CO			N/A	N/A	N/A
J01-Aus Comm Coll			N/A	N/A	N/A
M15-N Aus MUD # 1			N/A	N/A	N/A
REM-Wmsn CO EM/RD			N/A	N/A	N/A
SRR-Round Rock ISD			N/A	N/A	N/A
W09-Upper Brushy Creek WCID			N/A	N/A	N/A

2025 LAND SEGMENTS

LAND SEGMENT TYPE	STATE CODE	HOMESITE	MARKET VALUE	AG USE	TIM USE	LAND SIZE
1 - Vacant Land	XV - Other Exemptions	No	N/A	N/A	N/A	0.167000 acres
TOTALS						7,275 Sq. ft / 0.167000 acres

VALUE HISTORY

YEAR	IMPROVEMENT	LAND	MARKET	AG MARKET	AG USE	TIM MARKET	TIM USE	APPRAISED	HS CAP LOSS	CBL CAP LOSS	ASSESSE
2024	\$0	\$300	\$300	\$0	\$0	\$0	\$0	\$300	\$0	\$0	\$3
2023	\$0	\$300	\$300	\$0	\$0	\$0	\$0	\$300	\$0	\$0	\$3
2022	\$0	\$300	\$300	\$0	\$0	\$0	\$0	\$300	\$0	\$0	\$3
2021	\$0	\$300	\$300	\$0	\$0	\$0	\$0	\$300	\$0	\$0	\$3
2020	\$0	\$285	\$285	\$0	\$0	\$0	\$0	\$285	\$0	\$0	\$2

SALES HISTORY

DEED DATE	SELLER	BUYER	PLAT #	VOLUME/PAGE
4/29/1994	NORTH AUSTIN MUD #1	NORTH AUSTIN MUD #1	-	2520/774
4/29/1994	MILBURN INVESTMENTS INC	NORTH AUSTIN MUD #1	-	2520/774

Application Fee Form

Texas Commission on Environmental Quality

Name of Proposed Regulated Entity: N. Austin MUD #1

Regulated Entity Location: 13300 Humphrey Dr., Austin, TX 78729

Name of Customer: North Austin MUD #1

Contact Person: Kevin Hoskins

Phone: (210)-892-3800

Customer Reference Number (if issued):CN _____

Regulated Entity Reference Number (if issued):RN _____

Austin Regional Office (3373)

Hays

Travis

Williamson

San Antonio Regional Office (3362)

Bexar

Medina

Uvalde

Comal

Kinney

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

Austin Regional Office

San Antonio Regional Office

Mailed to: TCEQ - Cashier

Overnight Delivery to: TCEQ - Cashier

Revenues Section

Mail Code 214

P.O. Box 13088

Austin, TX 78711-3088

12100 Park 35 Circle

Building A, 3rd Floor

Austin, TX 78753

(512)239-0357

Site Location (Check All That Apply):

Recharge Zone

Contributing Zone

Transition Zone

<i>Type of Plan</i>	<i>Size</i>	<i>Fee Due</i>
Water Pollution Abatement Plan, Contributing Zone Plan: One Single Family Residential Dwelling	Acres	\$
Water Pollution Abatement Plan, Contributing Zone Plan: Multiple Single Family Residential and Parks	Acres	\$
Water Pollution Abatement Plan, Contributing Zone Plan: Non-residential	Acres	\$ 500.00
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: Kevin Hoskins

Date: 11-11-24

Application Fee Schedule

Texas Commission on Environmental Quality

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

Water Pollution Abatement Plans and Modifications

Contributing Zone Plans and Modifications

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

Organized Sewage Collection Systems and Modifications

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

Underground and Aboveground Storage Tank System Facility Plans and Modifications

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

Exception Requests

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

Extension of Time Requests

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



TCEQ Core Data Form

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

SECTION I: General Information

1. Reason for Submission (If other is checked please describe in space provided.)		
<input checked="" type="checkbox"/> New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
<input type="checkbox"/> Renewal (Core Data Form should be submitted with the renewal form)	<input type="checkbox"/> Other	
2. Customer Reference Number (if issued)	Follow this link to search for CN or RN numbers in Central Registry**	3. Regulated Entity Reference Number (if issued)
CN 600890065		RN 102953726

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)	
<input type="checkbox"/> New Customer		<input checked="" type="checkbox"/> Update to Customer Information	
<input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)		<input type="checkbox"/> Change in Regulated Entity Ownership	
<i>The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).</i>			
6. Customer Legal Name (If an individual, print last name first: eg: Doe, John)		<i>If new Customer, enter previous Customer below:</i>	
North Austin Municipal Utility District No. 1			
7. TX SOS/CPA Filing Number	8. TX State Tax ID (11 digits)	9. Federal Tax ID (9 digits)	10. DUNS Number (if applicable)
n/a	n/a	74-2543082	n/a
11. Type of Customer:	<input type="checkbox"/> Corporation	<input type="checkbox"/> Individual	Partnership: <input type="checkbox"/> General <input type="checkbox"/> Limited
Government: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> Local <input checked="" type="checkbox"/> State <input type="checkbox"/> Other	<input type="checkbox"/> Sole Proprietorship		<input type="checkbox"/> Other:
12. Number of Employees		13. Independently Owned and Operated?	
<input checked="" type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following			
<input checked="" type="checkbox"/> Owner <input type="checkbox"/> Operator <input type="checkbox"/> Owner & Operator <input type="checkbox"/> Other:			
<input type="checkbox"/> Occupational Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> VCP/BSA Applicant			
15. Mailing Address:	2601 Forest Creek Drive		
	City	Round Rock	State TX ZIP 78665 ZIP + 4 1232
16. Country Mailing Information (if outside USA)		17. E-Mail Address (if applicable)	
n/a		n/a	

18. Telephone Number (512) 246-1400	19. Extension or Code	20. Fax Number (if applicable) () -
---	------------------------------	--

SECTION III: Regulated Entity Information

21. General Regulated Entity Information (If 'New Regulated Entity' is selected, a new permit application is also required.)								
<input checked="" type="checkbox"/> New Regulated Entity <input type="checkbox"/> Update to Regulated Entity Name <input type="checkbox"/> Update to Regulated Entity Information								
<i>The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).</i>								
22. Regulated Entity Name (Enter name of the site where the regulated action is taking place.)								
North Austin MUD #1 - Robinson Park								
23. Street Address of the Regulated Entity: (No PO Boxes)	13300 Humphrey Drive							
	City	Austin	State	TX	ZIP	78729	ZIP + 4	n/a
24. County	Williamson							

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

25. Description to Physical Location:									
26. Nearest City							State	Nearest ZIP Code	
<i>Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).</i>									
27. Latitude (N) In Decimal:	30.45574				28. Longitude (W) In Decimal:	-97.76270			
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds				
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)			
4941									
33. What is the Primary Business of this entity? (Do not repeat the SIC or NAICS description.)									
34. Mailing Address:	2601 Forest Creek Drive								
	City	Round Rock	State	TX	ZIP	78665	ZIP + 4	1232	
35. E-Mail Address:	ahunt@crossroadsus.com								
36. Telephone Number	37. Extension or Code				38. Fax Number (if applicable)				
(512) 246-1400					() -				

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.

<input type="checkbox"/> Dam Safety	<input type="checkbox"/> Districts	<input type="checkbox"/> Edwards Aquifer	<input type="checkbox"/> Emissions Inventory Air	<input type="checkbox"/> Industrial Hazardous Waste
<input type="checkbox"/> Municipal Solid Waste	<input type="checkbox"/> New Source Review Air	<input type="checkbox"/> OSSF	<input type="checkbox"/> Petroleum Storage Tank	<input type="checkbox"/> PWS
<input type="checkbox"/> Sludge	<input type="checkbox"/> Storm Water	<input type="checkbox"/> Title V Air	<input type="checkbox"/> Tires	<input type="checkbox"/> Used Oil
<input type="checkbox"/> Voluntary Cleanup	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Wastewater Agriculture	<input type="checkbox"/> Water Rights	<input type="checkbox"/> Other:

SECTION IV: Preparer Information

40. Name:	Andrew Hunt	41. Title:	General Manager
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
(512) 246-1400		() -	ahunt@crossroadsus.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:	North Austin MUD #1	Job Title:	General Manager
Name (In Print):	Andrew Hunt	Phone:	(512) 246- 1400
Signature:		Date:	2/11/2025

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

I Don Conklin
Print Name

President
Title - Owner/President/Other

of North Austin Municipal Utility District No. 1
Corporation/Partnership/Entity Name

have authorized Kevin Hoskins
Print Name of Agent/Engineer

of Absolute Communications & Network Solutions 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:

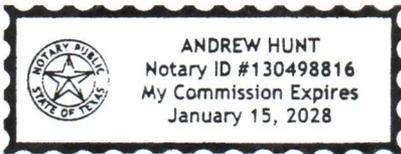
Don Conklin
Applicant's Signature

3/5/25
Date

THE STATE OF Texas §
County of Williamson §

BEFORE ME, the undersigned authority, on this day personally appeared Don Conklin 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 5th day of March, 2025.



Andrew Hunt
NOTARY PUBLIC
Andrew Hunt
Typed or Printed Name of Notary

MY COMMISSION EXPIRES: 1/15/28