

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: <u>Hill Country Innovations</u> | | | | | 2. Regulated Entity No.: | | | | | |
| 3. Customer Name: <u>Hill Country Innovations</u> | | | | | 4. Customer No.: | | | | | |
| 5. Project Type: (Please circle/check one) | | New <input checked="" type="checkbox"/> | | Modification | | | Extension | | Exception | |
| 6. Plan Type: (Please circle/check one) | | WPAP | <input checked="" type="checkbox"/> | SCS | UST | AST | EXP | EXT | Technical Clarification | Optional Enhanced Measures |
| 7. Land Use: (Please circle/check one) | | Residential | | <u>Non-residential</u> | | | 8. Site (acres): | | 1.42 | |
| 9. Application Fee: | | \$4,000 | | 10. Permanent BMP(s): | | | Retention/Reirrigation/Detention Pond | | | |
| 11. SCS (Linear Ft.): | | | | 12. AST/UST (No. Tanks): | | | | | | |
| 13. County: | | Travis | | 14. Watershed: | | | Williamson Creek | | | |

Application Distribution

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

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

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

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

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

Joann A. Eagle, P.E. Carlson, Brigance & Doering, Inc. #F3791

Print Name of Customer/Authorized Agent

Joann A. Eagle
Signature of Customer/Authorized Agent

5/30/23
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): |

**HILL COUNTRY INNOVATIONS
SITE PLAN**

CONTRIBUTING ZONE PLAN

Prepared For:

Mr. Johnny Mairs
HILL COUNTRY INNOVATIONS
1017 Reagan Terrace
Austin, TX 78704

Prepared By:

Joann A. Eagle, P.E.
CARLSON, BRIGANCE & DOERING, INC.
5501 West William Cannon Drive
Austin, Texas 78749
(512) 280-5160



Carlson, Brigance & Doering, Inc.

Civil Engineering ♦ Surveying
#F3791

CBD No. 5202
May 2023



CARLSON, BRIGANCE & DOERING, INC.
ID# F3791

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*Edwards Aquifer Application Cover Page

*Check Payable to TCEQ

I. CZP APPLICATION

Contributing Zone Plan Application

Texas Commission on Environmental Quality

for Regulated Activities on the Contributing Zone to the Edwards Aquifer and Relating to 30 TAC §213.24(1), 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.

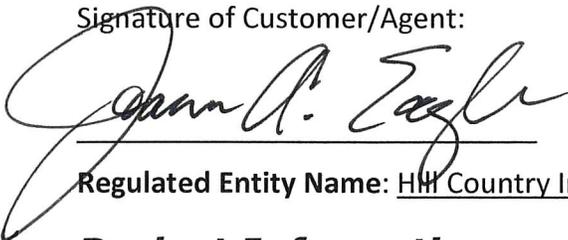
Signature

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 **Contributing Zone Plan Application** is hereby submitted for TCEQ review and Executive Director approval. The application was prepared by:

Print Name of Customer/Agent: Joann A. Eagle, P.E.

Date: 05/30/2023

Signature of Customer/Agent:



Regulated Entity Name: Hill Country Innovations

Project Information

1. County: Travis
2. Stream Basin: Williamson Creek
3. Groundwater Conservation District (if applicable): _____
4. Customer (Applicant):

Contact Person: Johnny Miars

Entity: Hill Country Innovations

Mailing Address: 1017 Reagan Terrace

City, State: Austin, TX

Telephone: 512-844-5889

Email Address: johnny@miarsconstruction.com

Zip: 78704

Fax: _____

5. Agent/Representative (If any):

Contact Person: Joann A. Eagle, P.E.

Entity: Carlson, Brigance, & Doering, Inc.

Mailing Address: 5501 West William Cannon Drive

City, State: Austin, TX

Zip: 78749

Telephone: 512-280-5160

Fax: 512-583-0903

Email Address: joann@cbdeng.com

6. Project Location:

- The project site is located inside the city limits of Austin.
- The project site is located outside the city limits but inside the ETJ (extra-territorial jurisdiction) of City of Austin.
- The project site is not located within any city's limits or ETJ.

7. The location of the project site is described below. Sufficient detail and clarity has been provided so that the TCEQ's Regional staff can easily locate the project and site boundaries for a field investigation.

At the intersection of Circle Drive and Mowinkle Drive in Southwest Travis County
Lat. 30.23578333° Long. -97.91140833°

8. **Attachment A - Road Map.** A road map showing directions to and the location of the project site is attached. The map clearly shows the boundary of the project site.

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

- Project site boundaries.
- USGS Quadrangle Name(s).

10. **Attachment C - Project Narrative.** A detailed narrative description of the proposed project is attached. 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

11. 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/Not cleared)
- Other: _____

12. The type of project is:

- Residential: # of Lots: _____
- Residential: # of Living Unit Equivalentents: _____
- Commercial
- Industrial
- Other: 6

13. Total project area (size of site): 1.42 Acres

Total disturbed area: 1.42 Acres

14. Estimated projected population: 0

15. The amount and type of impervious cover expected after construction is complete is shown below:

Table 1 - Impervious Cover

| <i>Impervious Cover of Proposed Project</i> | <i>Sq. Ft.</i> | <i>Sq. Ft./Acre</i> | <i>Acres</i> |
|---------------------------------------------|----------------|---------------------|--------------|
| Structures/Rooftops | 10,800 | ÷ 43,560 = | 0.2479 |
| Parking | 4,485 | ÷ 43,560 = | 0.1030 |
| Other paved surfaces | 122 | ÷ 43,560 = | 0.0028 |
| Total Impervious Cover | 15,407 | ÷ 43,560 = | 0.3537 |

Total Impervious Cover $\frac{0.3537}{1.42} \times 100 = 24.91\%$ **Impervious Cover**

16. **Attachment D - Factors Affecting Surface Water Quality.** A detailed description of all factors that could affect surface water quality is attached. If applicable, this includes the location and description of any discharge associated with industrial activity other than construction.

17. Only inert materials as defined by 30 TAC 330.2 will be used as fill material.

For Road Projects Only

Complete questions 18 - 23 if this application is exclusively for a road project.

N/A

18. 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.

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

- Concrete
- Asphaltic concrete pavement
- Other: _____

20. Right of Way (R.O.W.):

Length of R.O.W.: _____ feet.

Width of R.O.W.: _____ feet.

$L \times W = \text{_____ Ft}^2 \div 43,560 \text{ Ft}^2/\text{Acre} = \text{_____ acres.}$

21. Pavement Area:

Length of pavement area: _____ feet.

Width of pavement area: _____ feet.

$L \times W = \text{_____ Ft}^2 \div 43,560 \text{ Ft}^2/\text{Acre} = \text{_____ acres.}$

Pavement area _____ acres \div R.O.W. area _____ acres $\times 100 = \text{_____ \%}$ impervious cover.

22. A rest stop will be included in this project.

A rest stop will not be included in this project.

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

Stormwater to be generated by the Proposed Project

24. **Attachment E - 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 area and type of impervious cover. Include the runoff coefficient of the site for both pre-construction and post-construction conditions.

Wastewater to be generated by the Proposed Project

25. Wastewater is to be discharged in the contributing zone. Requirements under 30 TAC §213.6(c) relating to Wastewater Treatment and Disposal Systems have been satisfied.

N/A

26. Wastewater will be disposed of by:

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

Attachment F - 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):

The sewage collection system will convey the wastewater to the City of Austin Walnut Creek Treatment (name) Treatment Plant. The treatment facility is:

Existing.

Proposed.

N/A

Permanent Aboveground Storage Tanks(ASTs) ≥ 500 Gallons

Complete questions 27 - 33 if this project includes the installation of AST(s) with volume(s) greater than or equal to 500 gallons.

N/A

27. Tanks and substance stored:

Table 2 - Tanks and Substance Storage

| <i>AST Number</i> | <i>Size (Gallons)</i> | <i>Substance to be Stored</i> | <i>Tank Material</i> |
|-------------------|-----------------------|-------------------------------|----------------------|
| 1 | | | |
| 2 | | | |
| 3 | | | |
| 4 | | | |
| 5 | | | |

Total x 1.5 = _____ Gallons

28. The AST will be placed within a containment structure that is sized to capture one and one-half (1 1/2) times the storage capacity of the system. For facilities with more than

one tank system, the containment structure is sized to capture one and one-half (1 1/2) times the cumulative storage capacity of all systems.

- Attachment G - Alternative Secondary Containment Methods.** Alternative methods for providing secondary containment are proposed. Specifications showing equivalent protection for the Edwards Aquifer are attached.

29. Inside dimensions and capacity of containment structure(s):

Table 3 - Secondary Containment

| <i>Length (L)(Ft.)</i> | <i>Width(W)(Ft.)</i> | <i>Height (H)(Ft.)</i> | <i>L x W x H = (Ft3)</i> | <i>Gallons</i> |
|------------------------|----------------------|------------------------|--------------------------|----------------|
| | | | | |
| | | | | |
| | | | | |
| | | | | |

Total: _____ Gallons

30. Piping:

- All piping, hoses, and dispensers will be located inside the containment structure.
- Some of the piping to dispensers or equipment will extend outside the containment structure.
- The piping will be aboveground
- The piping will be underground

31. The containment area must be constructed of and in a material impervious to the substance(s) being stored. The proposed containment structure will be constructed of: _____.

32. **Attachment H - AST Containment Structure Drawings.** A scaled drawing of the containment structure is attached that shows the following:

- Interior dimensions (length, width, depth and wall and floor thickness).
- Internal drainage to a point convenient for the collection of any spillage.
- Tanks clearly labeled
- Piping clearly labeled
- Dispenser clearly labeled

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

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

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

Site Plan Requirements

Items 34 - 46 must be included on the Site Plan.

34. The Site Plan must have a minimum scale of 1" = 400'.
Site Plan Scale: 1" = 20'.
35. 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# 48453C05601 Travis County, TX, dated Jan. 22, 2022.
36. 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, etc. are shown on the site plan.
- The layout of the development is shown with existing contours at appropriate, but not greater than ten-foot contour intervals. Finished topographic contours will not differ from the existing topographic configuration and are not shown. Lots, recreation centers, buildings, roads, etc. are shown on the site plan.
37. A drainage plan showing all paths of drainage from the site to surface streams.
38. The drainage patterns and approximate slopes anticipated after major grading activities.
39. Areas of soil disturbance and areas which will not be disturbed.
40. Locations of major structural and nonstructural controls. These are the temporary and permanent best management practices.
41. Locations where soil stabilization practices are expected to occur.
42. Surface waters (including wetlands).
 N/A
43. Locations where stormwater discharges to surface water.
 There will be no discharges to surface water.
44. Temporary aboveground storage tank facilities.
 Temporary aboveground storage tank facilities will not be located on this site.

45. Permanent aboveground storage tank facilities.
 Permanent aboveground storage tank facilities will not be located on this site.
46. Legal boundaries of the site are shown.

Permanent Best Management Practices (BMPs)

Practices and measures that will be used during and after construction is completed.

47. Permanent BMPs and measures must be implemented to control the discharge of pollution from regulated activities after the completion of construction.
 N/A
48. These practices and measures have been designed, and will be constructed, operated, and maintained to insure that 80% of the incremental increase in the annual mass loading of total suspended solids (TSS) from the site caused by the regulated activity is removed. These quantities have been calculated in accordance with technical guidance prepared or accepted by the executive director.
 The TCEQ Technical Guidance Manual (TGM) was used to design permanent BMPs and measures for this site.
 A technical guidance other than the TCEQ TGM was used to design permanent BMPs and measures for this site. The complete citation for the technical guidance that was used is: _____.
 N/A
49. Owners must insure that permanent BMPs and measures are constructed and function as designed. A Texas Licensed Professional Engineer must certify in writing that the permanent BMPs or measures were constructed as designed. The certification letter must be submitted to the appropriate regional office within 30 days of site completion.
 N/A
50. Where a site is used for low density single-family residential development and has 20 % or less impervious cover, other permanent BMPs are not required. This exemption from permanent BMPs must be recorded in the county deed records, with a notice that if the percent impervious cover increases above 20% or land use changes, the exemption for the whole site as described in the property boundaries required by 30 TAC §213.4(g) (relating to Application Processing and Approval), may no longer apply and the property owner must notify the appropriate regional office of these changes.
 The site will be used for low density single-family residential development and has 20% or less impervious cover.
 The site will be used for low density single-family residential development but has more than 20% impervious cover.
 The site will not be used for low density single-family residential development.

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

- Attachment I - 20% or Less Impervious Cover Waiver.** The site will be used for multi-family residential developments, schools, or small business sites and has 20% or less impervious cover. A request to waive the requirements for other permanent BMPs and measures is attached.
- The site will be used for multi-family residential developments, schools, or small business sites but has more than 20% impervious cover.
- The site will not be used for multi-family residential developments, schools, or small business sites.

52. **Attachment J - BMPs for Upgradient Stormwater.**

- A description of the BMPs and measures that will be used to prevent pollution of surface water, groundwater, or stormwater that originates upgradient from the site and flows across the site is attached.
- No surface water, groundwater or stormwater originates upgradient from the site and flows across the site, and an explanation is attached.
- Permanent BMPs or measures are not required to prevent pollution of surface water, groundwater, or stormwater that originates upgradient from the site and flows across the site, and an explanation is attached.

53. **Attachment K - BMPs for On-site Stormwater.**

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

54. **Attachment L - BMPs for Surface Streams.** A description of the BMPs and measures that prevent pollutants from entering surface streams is attached.

N/A

55. **Attachment M - Construction Plans.** Construction plans and design calculations for the proposed permanent BMPs and measures have been prepared by or under the direct supervision of a Texas Licensed Professional Engineer, and are signed, sealed, and dated. Construction plans for the proposed permanent BMPs and measures are

attached and include: Design calculations, TCEQ Construction Notes, all proposed structural plans and specifications, and appropriate details.

N/A

56. **Attachment N - Inspection, Maintenance, Repair and Retrofit Plan.** A site and BMP specific plan for the inspection, maintenance, repair, and, if necessary, retrofit of the permanent BMPs and measures is attached. The plan fulfills all of the following:

Prepared and certified by the engineer designing the permanent BMPs and measures

Signed by the owner or responsible party

Outlines specific procedures for documenting inspections, maintenance, repairs, and, if necessary, retrofit.

Contains a discussion of record keeping procedures

N/A

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

N/A

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

N/A

Responsibility for Maintenance of Permanent BMPs and Measures after Construction is Complete.

59. The applicant is responsible for maintaining the permanent BMPs after construction until such time as the maintenance obligation is either assumed in writing by another entity having ownership or control of the property (such as without limitation, an owner's association, a new property owner or lessee, a district, or municipality) or the ownership of the property is transferred to the entity. Such entity shall then be responsible for maintenance until another entity assumes such obligations in writing or ownership is transferred.
60. A copy of the transfer of responsibility must be filed with the executive director at the appropriate regional office within 30 days of the transfer if the site is for use as a multiple single-family residential development, a multi-family residential development,

or a non-residential development such as commercial, industrial, institutional, schools, and other sites where regulated activities occur.

Administrative Information

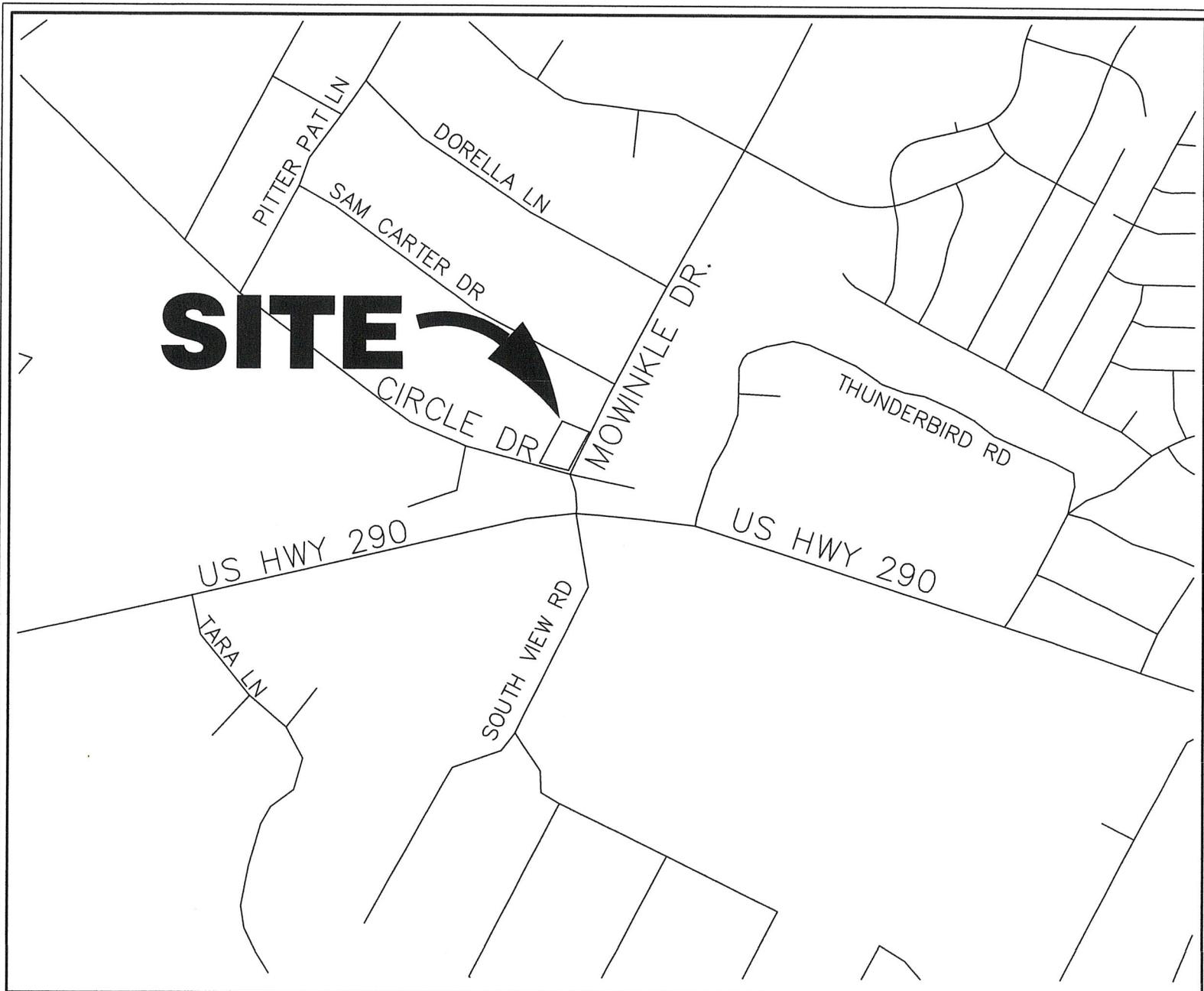
- 61. Submit one (1) original and one (1) copy of the application, plus additional copies as needed for each affected incorporated city, groundwater conservation district, and county in which the project will be located. The TCEQ will distribute the additional copies to these jurisdictions.
 - 62. Any modification of this Contributing Zone Plan may require TCEQ review and Executive Director approval prior to construction, and may require submission of a revised application, with appropriate fees.
 - 63. The site description, controls, maintenance, and inspection requirements for the storm water pollution prevention plan (SWPPP) developed under the EPA NPDES general permits for stormwater discharges have been submitted to fulfill paragraphs 30 TAC §213.24(1-5) of the technical report. All requirements of 30 TAC §213.24(1-5) have been met by the SWPPP document.
- The Temporary Stormwater Section (TCEQ-0602) is included with the application.

CONTRIBUTING ZONE APPLICATION
Attachment "A"
ROAD MAP

HILL COUNTRY INNOVATIONS, LLC

8834 CIRCLE DRIVE
AUSTIN, TEXAS 78736

THE CITY OF AUSTIN 2-MILE E.T.J. AND TRAVIS COUNTY, TEXAS



△ = BENCHMARK

ROAD MAP
1" = 1,000'



CONTRIBUTING ZONE APPLICATION

Attachment "B"

USGS QUADRANGLE MAP



SITE

AUSTIN

Slaughter Creek

Spring Creek

Hollow

Friday Mountain

TRAVIS CO
HAYS CO

CONTRIBUTING ZONE APPLICATION
Attachment "C"
PROJECT NARRATIVE

1.0 GENERAL

Hill Country Innovations is a proposed re-development of a 1.420-acre commercial site located in southwest Travis County, City of Austin 2-mile ETJ. The site plan consists of removing existing structures and parking and replacing them with new development. The new development has less impervious cover than the proposed site and includes a 10,800 sf building with parking. The project takes access off of Mowinkle Drive with a 26' driveway.

2.0 IMPERVIOUS COVER

Impervious Cover for this section will come from a a 10,800 sf building and its associated parking and drive area. The site contains 15,047 sf of impervious cover on the 1.42 acres which is 24.9% impervious cover.

3.0 WATER QUALITY

The drainage from this site drains to the site will travel overland to streets, storm sewer lines and channels to the proposed pond and there are no offsite areas draining towards this site.

4.0 WATER AND WASTEWATER

This Project will connect to a proposed 2" water line to be installed in Mowinkle Drive. It will connect with a 5/8" domestic meter and a 1.0" Irrigation meter.

The wastewater service for this Project will connect to a proposed manhole with a 6" service line located in Mowinkle Drive. The wastewater will then be pumped to the City of Austin Walnut Creek Wastewater Treatment Facility.

5.0 FLOODPLAIN

No portion of this tract is within the designated flood hazard area as shown the Federal Emergency Management Agency (FEMA) flood insurance rate map #48453C05601 Travis County, Texas dated January 22, 2020.

CZP APPLICATION

Factors Affecting Surface Water Quality

ATTACHMENT "D"

Factors contributing to the contamination of surface and groundwater are generated from man made pollutants such as pet waste, pesticides, fertilizers, illegal trash dumping, and automotive fluids.

CZP APPLICATION

Volume and Character of Stormwater

ATTACHMENT "E"

Volume and Character of Stormwater Runoff:

This project will generate approximately 13.9-cfs in a 100-yr storm. The runoff leaving the site will be in compliance with the Texas Commission on Environmental Quality Regulations. Runoff from the development will be routed to the water quality Pond A via channels, culverts, and storm sewers. The water quality retention/reirrigation pond have 100% removal rate by TCEQ Standards. The water quality retention/reirrigation pond was designed and built to meet TCEQ Standard Specifications. The quality of runoff will be at an acceptable level. The runoff will be coming from the proposed parking and building areas. The average curve number for proposed development is 84 and the impervious cover in the proposed site is 24.91%.

CZP APPLICATION

BMPs for Upgradient Stormwater

ATTACHMENT "J"

The proposed site has approximately 1.42 acres. The flow that drains through this site is routed via channels, streets and storm sewer. The water quality pond has been designed in accordance with TCEQ to handle onsite proposed flows, no off-site flow enter the property.

CZP APPLICATION

BMPs for On-site Stormwater

ATTACHMENT "K"

The proposed site is approximately 1.42-acres. All storm water will be collected by channels and streets towards culverts and storm sewer, and released from the water quality Pond A. This project will not increase site flows for the 2, 10, 25- and 100-year storm events. The water quality controls were designed using TCEQ Technical Guidance Manual RG-348.

CZP APPLICATION

BMPs for Surface Streams

ATTACHMENT "L"

The on-site water quality retention/reirrigation/detention pond was been designed to capture proposed development. There are no features located within the project site or affected by the project construction.

CZP APPLICATION

Construction Plans

ATTACHMENT "M"

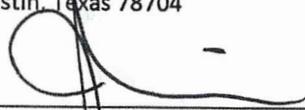
ATTACHMENT "N"
OPERATION AND MAINTENANCE PLAN

PROJECT DESCRIPTION

Hill Country Innovations site plan is a 1.42 acre tract and is located in Travis County, Texas in the City of Austin's E.T.J. Limits. This property is located in the Williamson Creek Watershed and is classified as the Barton Springs Zone. The project site is in the TCEQ Edward's Aquifer Contributing Zone. The site will include a 10,800 sf fabrication shop with its associate parking and drive isle and water quality/detention pond.

DEVELOPER CONTACT INFORMATION

Mr. Johnny Miars
Hill Country Innovations
1017 Reagan Terrace
Austin, Texas 78704



Developer/Owner Signature

5/30/2023

Date

PEST MANAGEMENT

The following Integrated Pest Management plan for the Hill Country Innovations site will assume that primary pests of concern will be Aphids, Beetles, Beneficial Insects, Caterpillars, Fertilizing Recommendations, Fire Ants, Fleas, Galls, Hiring a Landscape Professional, Landscaping, Lawn Care, Lawn Problems, Mosquito's, Poison Ivy, Pruning, Spider Mites, Product Ratings, Scale, Snails, Stink Bugs, and Weeks. The anticipated pest problems have been derived from the type of pests that typically inhabit subdivisions and developments within local proximity to the project.

Non-toxic and less persistent control products should be employed in controlling pests before more persistent products are considered. More persistent control products should only be used after all other tactics have been employed. It is advisable to utilize a pest control professional, familiar with the IPM approaches, before resorting to highly toxic and persistent chemicals. Regularly scheduled pesticide applications are not considered to be part of the Integrated Pest management.

DETENTION POND

Detention basins have moderate to high maintenance requirements, depending on the extent to which future maintenance needs are anticipated during the design stage. Responsibilities for both routine and non-routine maintenance tasks need to be clearly understood and enforced. If regular maintenance and inspections are not undertaken, the basin will not achieve its intended purposes.

There are many factors that may affect the basin's operation and that should be periodically checked. These factors can include mowing, control of pond vegetation, removal of accumulated bottom sediments, removal of debris from all inflow and outflow structures, unclogging of orifice perforations, and the upkeep of all physical structures that are within the detention pond area. One should conduct periodic inspections and after each significant storm. Remove floatables and correct erosion problems in the pond slopes and bottom. Pay particular attention to the outlet control perforations for signs of clogging. If the orifices are clogged, remove sediment and other debris. The generic aspects that must be considered in the maintenance plan for a detention facility are as follows:

INSPECTIONS

Basins should be inspected at least twice a year (once during or immediately following wet weather) to evaluate facility operation. When possible, inspections should be conducted during wet weather to determine if the pond is meeting the target detention times. In particular, the extended detention control device should be regularly inspected for evidence of clogging, or conversely, for too rapid a release. If the design drawdown times are exceeded by more than 24 hours, then repairs should be scheduled immediately. The upper stage pilot channel, if any, and its flow path to the lower stage should be checked for erosion problems. During each inspection, erosion areas inside and downstream of the BMP should be identified and repaired or re-vegetated immediately.

MOWING

The upper stage, side slopes, embankment, and emergency spillway of an extended detention basin must be mowed regularly to discourage woody growth and control weeds. Grass areas in and around basins should be mowed at least twice annually to limit vegetation height to 18 inches. More frequent mowing to maintain aesthetic appeal may be necessary in landscaped areas. When mowing of grass is performed, a mulching mower should be used, or grass clippings should be caught and removed.

DEBRIS AND LITTER REMOVAL

Debris and litter will accumulate near the extended detention control device and should be removed during regular mowing operations and inspections. Particular attention should be paid to floating debris that can eventually clog the control device or riser.

EROSION CONTROL

The pond side slopes, emergency spillway, and embankment all may periodically suffer from slumping and erosion, although this should not occur often if the soils are properly compacted during construction. Re-grading and re-vegetation may be required to correct the problems. Similarly, the channel connecting an upper stage with a lower stage may periodically need to be replaced or repaired.

STRUCTURAL REPAIRS AND REPLACEMENT

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

NUISANCE CONTROL

Standing water (not desired in an extended detention basin) or soggy conditions within the lower stage of the basin can create nuisance conditions for nearby residents. Odors, mosquitoes, weeds, and litter are all occasionally perceived to be problems. Most of these problems are generally a sign that regular inspections and maintenance are not being performed (e.g., mowing, debris removal, clearing the outlet control device).

SEDIMENT REMOVAL

When properly designed, dry extended detention basins will accumulate quantities of sediment over time. Sediment accumulation is a serious maintenance concern in extended detention dry ponds for several reasons. First, the sediment gradually reduces available stormwater management storage capacity within the basin. Second, unlike wet extended detention basins (which have a permanent pool to conceal deposited sediments), sediment accumulation can make dry extended detention basins very unsightly. Third, and perhaps most importantly, sediment tends to accumulate around the control device. Sediment deposition increases the risk that the orifice will become clogged, and gradually reduces storage capacity reserved for pollutant removal. Sediment can also be resuspended if allowed to accumulate over time and escape through the hydraulic control to downstream channels and streams. For these reasons, accumulated sediment needs to be removed from the lower stage when sediment buildup fills 20% of the volume of the basin or at least every 10 years.

Retention Reirrigation Basin

A clear requirement for detention basins is that a firm commitment be made to carry out both routine and non-routine maintenance tasks. The nature of the maintenance requirements are outlined below, along with design tips that can help to reduce the maintenance burden (modified from Young et al., 1996).

Routine Maintenance

Mowing

The side-slopes, embankment, and emergency spillway of the basin should be mowed at least twice a year to prevent woody growth and control weeds.

Inspections

Detention basins should be inspected at least twice a year (once during or immediately following wet weather) to evaluate facility operation. When possible, inspections should be conducted during wet weather to determine if the basin is functioning properly. There are many functions and characteristics of these BMPs that should be inspected. The embankment should be checked for subsidence, erosion, leakage, cracking, and tree growth. The condition of the emergency spillway should be checked. The inlet, barrel, and outlet should be inspected for clogging. The adequacy of upstream and downstream channel erosion protection measures should be checked. Stability of the side slopes should be checked. Modifications to the basin structure and contributing watershed should be evaluated. During semi-annual inspections, replace any dead or displaced vegetation. Replanting of various species of wetland vegetation may be required at first, until a viable mix of species is established. Cracks, voids and undermining should be patched/filled to prevent additional structural damage. Trees and root systems should be removed to prevent growth in cracks and joints that can cause structural damage. The inspections should be carried out with as-built pond plans in hand.

Debris and Litter Removal

As part of periodic mowing operations and inspections, debris and litter should be removed from the surface of the basin. Particular attention should be paid to floatable debris around the riser, and the outlet should be checked for possible clogging.

Erosion Control

The basin side slopes, emergency spillway, and embankment all may periodically suffer from slumping and erosion. Corrective measures such as regrading and revegetation may be necessary. Similarly, the riprap protecting the channel near the outlet may need to be repaired or replaced.

Nuisance Control

Most public agencies surveyed indicate that control of insects, weeds, odors, and algae may be needed in some ponds. Nuisance control is probably the most frequent maintenance item demanded by local residents. If the ponds are properly sized and vegetated, these problems should be rare in wet ponds except under extremely dry weather conditions. Twice a year, the facility should be evaluated in terms of nuisance control (insects, weeds, odors, algae, etc.). Biological control of algae and mosquitoes using fish such as fathead minnows is preferable to chemical applications.

Non-routine maintenance

Structural Repairs and Replacement

Eventually, the various inlet/outlet and riser works in the wet basin will deteriorate and must be replaced. Some public works experts have estimated that corrugated metal pipe (CMP) has a useful life of about 25 yr, while concrete barrels and risers may last from 50 to 75 yr. The actual life depends on the type of soil, pH of runoff, and other factors. Polyvinyl chloride (PVC) pipe is a corrosion resistant alternative to metal and concrete pipes. Local experience typically determines which materials are best suited to the site conditions. Leakage or seepage of water

through the embankment can be avoided if the embankment has been constructed of impermeable material, has been compacted, and if anti-seep collars are used around the barrel. Correction of any of these design flaws is difficult.

Sediment Removal

Water quality ponds will eventually accumulate enough sediment to significantly reduce storage capacity of the permanent pool. As might be expected, the accumulated sediment can reduce both the appearance and pollutant removal performance of the pond. Sediment accumulated should be removed from the facility every two years to prevent accumulation in the permanent pool. Dredging of the water quality pond should occur at least every 20 years, or when accumulation of sediment impairs functioning of the outlet structure.

Harvesting

If vegetation is present on the fringes or in the pond, it can be periodically harvested and the clippings removed to provide export of nutrients and to prevent the basin from filling with decaying organic matter.

RECORDKEEPING PROCEDURES FOR INSPECTIONS, MAINTENANCE, AND REPAIRS

Written records of inspection findings and corrective actions required above shall be retained by Owner for no less than five (5) years.

MAINTENANCE SCHEDULE

| ITEM: | SCHEDULE OF WORK: |
|---------------------------|--------------------------------------------------------|
| MOWING | TWICE A YEAR OR WHEN VEGETATION REACHES 18 INCHES HIGH |
| INSPECTIONS | ONCE EVERY SIX MONTHS |
| DEBRIS AND LITTER REMOVAL | REMOVE EVERYTIME MOWING OCCURS |
| EROSION CONTROL | SCHEDULE WORK UPON DISCOVERY |
| NUISANCE CONTROL | SCHEDULE WORK UPON DISCOVERY |
| STRUCTURAL REPAIRS | SCHEDULE WORK UPON DISCOVERY |
| SEDIMENT REMOVAL | UPON 20% OF VOLUME BUILD UP OR EVERY 20 YEARS. |
| HARVESTING | SCHEDULE WORK UPON DISCOVERY |

- Hill Country Innovations and their successors are responsible for following the maintenance schedule.

CZP APPLICATION

Measures for Minimizing Surface Stream Contamination

ATTACHMENT "P"

The project utilizes a water quality retention/reirrigation/detention pond (Pond A). The retention/reirrigation/detention pond will reduce the sediment pollutant load to be less than or equal to that of existing loads. Discharge flows over the pond outlet structures will be reinforced with outfall protection. This evenly distributes the discharge flow and slows discharge velocities, thus stopping the undermining of soil and sediment transport to the adjacent ditch.

II. WATER QUALITY DESIGN

WATER QUALITY METHODOLOGY

Water Quality will be provided by the proposed retention/reirrigation/detention pond. Total suspended solid load removal was determined using TCEQ's Load Removal Calculations. Provided are TSS sheets for this site.

Currently, there are no loads entering this site. The loads leaving the site after development will be reduced by 100% or more per TCEQ regulations.

Impervious Cover was determined based on TCEQ's requirements. These values were plugged into the TCEQ Load Spreadsheet provided.

Additional information is provided for cells with a red triangle in the upper right corner. Place the cursor over the 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

1. The Required Load Reduction for the total project:

Calculations from RG-348

Pages 3-27 to

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

where:

$L_{M \text{ TOTAL PROJECT}}$ = Required TSS removal resulting from the proposed development

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 = | Travis | |
| Total project area included in plan * = | 1.42 | acres |
| Predevelopment impervious area within the limits of the plan * = | 0.00 | acres |
| Total post-development impervious area within the limits of the plan * = | 0.35 | acres |
| Total post-development impervious cover fraction * = | 0.25 | |
| P = | 32 | inches |

$L_{M \text{ TOTAL PROJECT}} = \mathbf{308}$ 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**

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

| | | |
|---------------------------------------------------------------------------|-------------|-------|
| Drainage Basin/Outfall Area No. = | A | |
| Total drainage basin/outfall area = | 1.42 | acres |
| Predevelopment impervious area within drainage basin/outfall area = | 0.50 | acres |
| Post-development impervious area within drainage basin/outfall area = | 0.35 | acres |
| Post-development impervious fraction within drainage basin/outfall area = | 0.25 | |
| $L_{M \text{ THIS BASIN}}$ = | -131 | lbs. |

3. Indicate the proposed BMP Code for this basin.

Proposed BMP = **Retention / Irrigation**
Removal efficiency = **100** percent

Aqualogic Ca
Bioretention
Contech Storr
Constructed V
Extended Det
Grassy Swale
Retention / Irr
Sand Filter
Stormceptor
Vegetated Filtr
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: $L_R = (\text{BMP efficiency}) \times P \times (A_I \times 34.6 + A_P \times 0.54)$

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 B

A_C = **1.42** acres
 A_I = **0.35** acres
 A_P = **1.07** acres
 L_R = **410** lbs

5. Calculate Fraction of Annual Runoff to Treat the drainage basin / outfall area

Desired $L_{M \text{ THIS BASIN}}$ = **308** lbs.

F = **0.75**

6. Calculate Capture Volume required by the BMP Type for this drainage basin / outfall area.

Calculations from RG-348

Rainfall Depth = **0.92** inches
Post Development Runoff Coefficient = **0.23**
On-site Water Quality Volume = **1089** cubic feet

Off-site area draining to BMP = 0.00 acres
 Off-site Impervious cover draining to BMP = 0.00 acres
 Impervious fraction of off-site area = 0
 Off-site Runoff Coefficient = 0.00
 Off-site Water Quality Volume = 0 cubic feet

Storage for Sediment = 218

Total Capture Volume (required water quality volume(s) x 1.20) = 1307 cubic feet

The following sections are used to calculate the required water quality volume(s) for the selected BMP.
 The values for BMP Types not selected in cell C45 will show NA.

7. Retention/Irrigation System

Designed as Required in RG-348

Pages 3-42 to

Required Water Quality Volume for retention basin = 1307 cubic feet

Irrigation Area Calculations:

Soil infiltration/permeability rate = 0.1413 in/hr **Enter determined permeability rat**
 Irrigation area = 3701 square feet
 0.08 acres

WATER QUALITY
PROPOSED IMPERVIOUS COVER & CALCULATIONS MAP

SITE CALCULATIONS

Total Site Area = $\frac{1.42}{\quad}$ acres
 A. Gross Site Area = $\frac{1.42}{\quad}$ acres
 B. Area of site established as turf or landscape = 0 acres
 C. Fraction of A that is established as turf or landscape B/A=C = 0%

PROPOSED TOTAL IMPERVIOUS COVER

| | | |
|--------------------------|-----------------------|---------------------|
| Proposed Paved area = | <u>4,485</u> sq. ft. | <u>0.1030</u> Acres |
| Building Area = | <u>10,800</u> sq. ft. | <u>0.2479</u> Acres |
| Other Areas (sidewalk) = | <u>122</u> sq. ft. | <u>0.0028</u> Acres |
| | <u>15,407</u> sq. ft. | <u>0.3537</u> Acres |

Total proposed impervious cover = 24.91%

Foundation = Slab on grade
 Land Use = Commercial

BUILDINGS

| | Total | Office Area | Warehouse Area |
|--------------------|------------------|-----------------|-----------------|
| Fabrication Shop = | 10,800 sf | 1,200 sf | 9,600 sf |
| Total | <u>10,800</u> sf | <u>1,200</u> sf | <u>9,600</u> sf |

Height = 30 ft
 Gross Floor Area = 10,800 sf
 Building Coverage = 10,800 sf %= 17.5%
 FAR = 0.175

PARKING

Provided

| | |
|----------------------|-----------------|
| Regular Spaces = | 4 spaces |
| ADA Parking Spaces = | <u>1</u> spaces |
| Total | 5 spaces |

WQ LOAD REMOVAL CALCULATIONS SUMMARY

After this summary are the TCEQ load calculation sheets as support for this Summary.

Load Removal Required

Total Site Area= 1.42 acres

Total Load Removal Requirement = 308 lbs.

Loads removed this development= 410 lbs.

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.

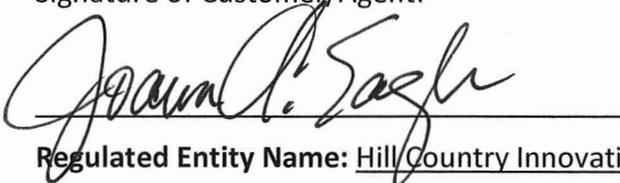
Signature

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: Joann A. Eagle, P.E.

Date: 05/30/2023

Signature of Customer/Agent:



Regulated Entity Name: Hill Country Innovations

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: _____

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: Williamson Creek

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.

III. Temporary Stormwater (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 Fracture, if sealing a
feature~~

ATTACHMENT F – Structural Practices

ATTACHMENT G – Drainage Area Map (See Construction Plans)

~~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

TEMPORARY STORMWATER SECTION

Spill Response Actions

ATTACHMENT "A"

Below is the general procedure to follow in the event of a spill or loss of product resulting in an impact or potential impact to soil, surface water, groundwater or sanitary sewer system.

Notifications:

- 911 (if immediate danger to life or health)
- General Contractor Site Superintendent.
- Environmental Emergency Response Contractor (if necessary).
- For spills that exceed the reportable quantity established per federal and state regulations, also contact the Texas Commission on Environmental Quality (TCEQ) at 800-832-8224 and the National Response Center at 800-424-8802. **Reportable quantities are provided behind this Attachment.**

Cleanup:

- Impacted soil or used absorbent material shall be picked up and stored in a waterproof, leak proof manner such as on plastic sheeting and covered with plastic sheeting, a drum or roll-off container with a lid or cover that can be secured, or a 5-gallon bucket with a secure lid.
- The Site Superintendent or Emergency Response Coordinator will work with TCEQ to determine the appropriate sampling and disposal protocols for handling impacted soils, absorbent materials, or water.
- Provide proof of sampling and disposal such as laboratory analytical reports and waste manifests to TCEQ.

Follow-up:

- Within 48 hours send a written report to TCEQ describing the cause of the release, the total quantity of material discharged, description of corrective action taken or still in progress to be completed, notifications made, and plans for preventing recurrence.
- Complete any follow-up reports required by the TCEQ or National Response Center within the allowable time frames.
- Submit a copy of documentation of disposal to TCEQ and US EPA at the time of disposal. Also submit a copy of the final uniform hazardous waste manifest “designated facility to generator copy” by the time of environmental closeout.

TEMPORARY STORMWATER SECTION

Potential Sources Of Contamination

ATTACHMENT "B"

Potential sources of contamination include the leaking of fluids from construction equipment, trash generated by workers and material, sediment transport onto public roadways, from construction equipment, and the use of asphaltic products on the roadways.

TEMPORARY STORMWATER SECTION
Sequence of Major Activities

ATTACHMENT "C"

The major activities of this project that will result in large areas of soil disturbance are:
Sequence of Construction Disturbance

1. General contractor to install and maintain erosion controls and tree protection per approved plans. **(Disturbance 1.42 AC.)**
2. Hold Pre-Construction conference. **(Disturbance 0 AC.)**
3. Rough cut all required or necessary areas. Either the permanent outlet structure or a temporary outlet must be constructed prior to development of any embankment or excavation that leads to ponding conditions. The outlet system must consist of low-level outlet and an emergency overflow meeting the requirements of the City of Austin. The outlet system shall be protected from erosion and shall be maintained throughout the course of construction until final restoration is achieved. **(Disturbance 0.012 AC.)**
4. Rough paving areas. No Development of embankment will be permitted at this time. Once paved areas are rough cut, the geotechnical engineer is to field verify pavement design is appropriate, and modify recommendations accordingly. **(Disturbance 0.102 AC.)**
5. Install all utilities to be located under the proposed pavement.**(Disturbance 0.02 AC.)**
6. Deliver storm sewer cut sheets to the contractor. **(Disturbance 0.046 AC.)**
7. Begin installation of storm sewer lines. Upon Completion, restore as much disturbed area as much as possible. Particularly channels and large open areas. **(Disturbance 0.046 AC.)**
8. Grade paved areas to subgrade. **(Disturbance 0.102 AC.)**
9. Insure that all underground utility crossings are completed. Lay first course base material on all paved areas. **(Disturbance 0.10 AC.)**
10. Install curb and gutter. **(Disturbance 0.332 AC.)**
11. Lay final base course on all paved areas. **(Disturbance 0.102 AC.)**
12. Lay asphalt. **(Disturbance 0.102 AC.)**
13. Complete all underground installations within the R.O.W. **(Disturbance 0.02 AC.)**
14. Complete permanent erosion controls and restoration of site vegetation. **(Disturbance 1.0663 AC.)**
15. Final inspection of the project. **(Disturbance 1.42 AC.)**
16. Remove and dispose of temporary erosion controls. **(Disturbance 0.10 AC.)**

TEMPORARY STORMWATER SECTION
Temporary Best Management Practices and Measures
ATTACHMENT "D"

All temporary BMP's will be installed prior to the beginning of construction and remain in place until revegetation has been completed. These temporary measures will include silt fences, inlet dykes, and stabilized construction entrances. These erosion control devices will prevent the transport of sediment generated from this site. Most offsite flows have been diverted around the project via the existing topography; and, therefore will not be polluting or contaminating this runoff. The erosion control devices proposed with this project allow for the passing of water while retaining any sediment or trash. This will allow for the flow to maintain its natural course to naturally occurring sensitive features.

Sequence of Construction Disturbance

1. General contractor to install and maintain erosion controls and tree protection per approved plans. Ensure that concrete wash out area is installed in accordance with the approved plans. **(Duration-1 week)**
2. Hold Pre-Construction conference. **(Duration-2 hours)**
3. Rough cut all required or necessary areas. Either the permanent outlet structure or a temporary outlet must be constructed prior to development of any embankment or excavation that leads to ponding conditions. The outlet system must consist of low-level outlet and an emergency overflow meeting the requirements of the City of Austin. The outlet system shall be protected from erosion and shall be maintained throughout the course of construction until final restoration is achieved. **(Duration-2 weeks)**
4. Rough grade paved areas. No Development of embankment will be permitted at this time. Once streets are rough cut, the geotechnical engineer is to field verify pavement design is appropriate, and modify recommendations accordingly. **(Duration- 1 week)**
5. Install all utilities to be located under the proposed pavement. **(Duration- 2 weeks)**
6. Deliver storm sewer cut sheets to the contractor. **(Duration- 3 days)**
7. Begin installation of storm sewer lines. Upon Completion, restore as much disturbed area as much as possible. Particularly channels and large open areas. **(Duration- 2 weeks)**
8. Grade paved areas to subgrade. **(Duration-1 week)**
9. Insure that all underground utility crossings are completed. Lay first course base material on all paved areas. **(Duration-1 week)**
10. Install curb and gutter. **(Duration-1 week)**
11. Lay final base course on all paved areas. **(Duration-1 week)**
12. Lay asphalt. **(Duration-1 week)**
13. Complete all underground installations within the R.O.W. **(Duration-2 weeks)**

TEMPORARY STORMWATER SECTION

ATTACHMENT "D" (CONT.)

14. Complete permanent erosion control and restoration of site vegetation. **(Duration-3 weeks)**
15. Final inspection of the project. **(Duration-3 days)**
16. Remove and dispose of temporary erosion controls. **(Duration-1 week)**

TEMPORARY STORMWATER SECTION

Structural Practices

ATTACHMENT "F"

Practices of diverting runoff around exposed soils will consist of silt fence, which will be utilized to catch any pollutants from leaving the site. The only runoff aimed at exposed soils will be from the site itself. Below is a list of controls for the site with description.

Stabilized construction entrance: A stabilized construction entrance will be placed at the project boundary at Mowinkle Drive., per City of Austin Detail 302-1, provided in the erosion control details sheet. The stabilized construction entrance will help prevent sediment from being transported from the site.

Silt Fence: silt fence shall be installed per City of Austin detail 642S-1, as provided in the erosion control detail sheet. Silt fence shall be installed along the outer perimeter of the downstream portion of the site and within the blocks of the lots as shown on the plans. The silt fence will prevent sediment from leaving the site due to disturbed soils during construction. Internal silt fence will reduce sediment draining to the streets under rough cut conditions and final paving.

Inlet Protection: Inlet protection will be installed using a GeoCurve Inlet filter as provided in the detail on the Erosion Control Detail sheet. The inlet filter will prevent any runoff in the street from draining to the water quality pond and causing sediment build up.

Concrete Washout: a concrete washout area will be provided per the City of Austin Detail 303-1 provided in the Erosion Control Detail sheet. The concrete washout area will be provided in the contractor staging area and temporary spoils site. The concrete washout area will prevent concrete slurry from draining into the storm system and washing into the water quality pond.

TEMPORARY STORMWATER SECTION

Inspection and Maintenance for BMP's

ATTACHMENT "I"

The temporary BMP's will be inspected on a weekly basis and after rainfall events, for their compliance with TCEQ and City of Austin Criteria. The contractor will be responsible for maintenance of these items. If cited by the City of Austin, the contractor will have 24 hours to bring the delinquent items up to standard. The contractor will keep a record of these items on site in the construction trailer. A Stormwater Pollution Prevention Plan will be filed prior to commencement of construction.

TEMPORARY STORMWATER SECTION

Schedule of Interim and Permanent Soil Stabilization Practices

ATTACHMENT "J"

The project's limits of construction are primarily confined to the project site. The project will begin with rough cutting of site. The utilities will be installed. The backfill behind paving will be completed and within 120 days. The site will be revegetated with hydro mulch mix to be determined by the City of Austin to stabilize the soil. Stabilization measures shall be initiated as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, but in no case more than 14 days after the construction activity in that portion of the site has temporarily or permanently ceased. Where the initiation of stabilization measures by the 14th day after construction activity temporary or permanently cease is precluded by weather conditions, stabilization measures shall be initiated as soon as practicable. Where construction activity on a portion of the site is temporarily ceased, and earth disturbing activities will be resumed within 21 days, temporary stabilization measures do not have to be initiated on that portion of site. In areas experiencing droughts where the initiation of stabilization measures by the 14th day after construction activity has temporarily or permanently ceased is precluded by seasonal arid conditions, stabilization measures shall be initiated as soon as practicable.

IV. AGENT AUTHORIZATION FORM

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

I Johnny Miars,
Print Name
President,
Title - Owner/President/Other
of Hill Country Innovations,
Corporation/Partnership/Entity Name
have authorized Joann A. Eagle, P.E. (97597)
Print Name of Agent/Engineer
of Carlson, Brigance, & Doering, Inc. (512-280-5160)
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:

[Handwritten Signature]
Applicant's Signature

5/30/2023
Date

THE STATE OF Texas §

County of Travis §

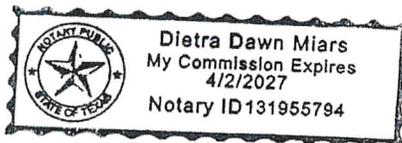
BEFORE ME, the undersigned authority, on this day personally appeared Johnny Miers known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that (s)he executed same for the purpose and consideration therein expressed.

GIVEN under my hand and seal of office on this 26 day of May, 2023

[Handwritten Signature]
NOTARY PUBLIC

Dietra Dawn Miers
Typed or Printed Name of Notary

MY COMMISSION EXPIRES: 4/2/2027



V. APPLICATION FEE FORM

Application Fee Form

Texas Commission on Environmental Quality

Name of Proposed Regulated Entity: Hill Country Innovations

Regulated Entity Location: 8834 Circle Drive

Name of Customer: Hill Country Innovations

Contact Person: Johnny Miars

Phone: 512-844-5889

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

12100 Park 35 Circle

Mail Code 214

Building A, 3rd Floor

P.O. Box 13088

Austin, TX 78753

Austin, TX 78711-3088

(512)239-0357

Site Location (Check All That Apply):

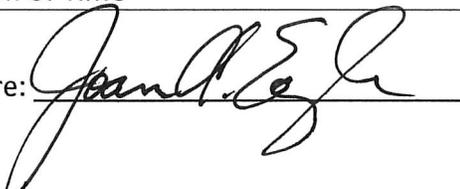
Recharge Zone

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 | 1.42 Acres | \$ 4,000 |
| Sewage Collection System | L.F. | \$ |
| Lift Stations without sewer lines | Acres | \$ |
| Underground or Aboveground Storage Tank Facility | Tanks | \$ |
| Piping System(s)(only) | Each | \$ |
| Exception | Each | \$ |
| Extension of Time | Each | \$ |

Signature: _____



Date: _____

6/9/23

Application Fee Schedule

Texas Commission on Environmental Quality

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

Water Pollution Abatement Plans and Modifications

Contributing Zone Plans and Modifications

| Project | Project Area in Acres | Fee |
|---------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------|
| One Single Family Residential Dwelling | < 5 | \$650 |
| Multiple Single Family Residential and Parks | < 5 | \$1,500 |
| | 5 < 10 | \$3,000 |
| | 10 < 40 | \$4,000 |
| | 40 < 100 | \$6,500 |
| | 100 < 500 | \$8,000 |
| | ≥ 500 | \$10,000 |
| Non-residential (Commercial, industrial, institutional, 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

| 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 |

VI. TCEQ CORE DATA FORM



TCEQ Use Only

TCEQ Core Data Form

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

SECTION I: General Information

| | |
|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| 1. Reason for Submission (If other is checked please describe in space provided.) | |
| <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) | 3. Regulated Entity Reference Number (if issued) |
| CN | RN |

[Follow this link to search for CN or RN numbers in Central Registry**](#)

SECTION II: Customer Information

| | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| 4. General Customer Information | 5. Effective Date for Customer Information Updates (mm/dd/yyyy) | | |
| <input checked="" type="checkbox"/> New Customer <input type="checkbox"/> Update to Customer Information <input type="checkbox"/> Change in Regulated Entity Ownership <input type="checkbox"/> 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: | |
| HILL COUNTRY INNOVATIONS | | | |
| 7. TX SOS/CPA Filing Number | 8. TX State Tax ID (11 digits) | 9. Federal Tax ID (9 digits) | 10. DUNS Number (if applicable) |
| 0800594928 | 3201884733 | 20-6205678 | |
| 11. Type of Customer: | <input type="checkbox"/> Corporation | <input type="checkbox"/> Individual | Partnership: <input type="checkbox"/> General <input checked="" type="checkbox"/> Limited |
| Government: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input 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 checked="" type="checkbox"/> Yes <input 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 type="checkbox"/> Owner <input type="checkbox"/> Operator <input checked="" type="checkbox"/> Owner & Operator <input type="checkbox"/> Occupational Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> Voluntary Cleanup Applicant <input type="checkbox"/> Other: | | | |
| 15. Mailing Address: | | | |
| 1017 Reagan Terrace | | | |
| City | Austin | State | TX |
| ZIP | 78704 | ZIP + 4 | |
| 16. Country Mailing Information (if outside USA) | | 17. E-Mail Address (if applicable) | |
| | | johnny@miansconstruction.com | |
| 18. Telephone Number | | 19. Extension or Code | 20. Fax Number (if applicable) |
| (512) 844-5889 | | | () - |

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) | |
| <input checked="" type="checkbox"/> New Regulated Entity <input type="checkbox"/> Update to Regulated Entity Name <input type="checkbox"/> 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.) | |
| Hill Country Innovations | |

| | | | | | | | |
|---------------------------------------------------------------------|-------------------|--------|-------|----|-----|-------|---------|
| 23. Street Address of the Regulated Entity: <i>(No PO Boxes)</i> | 8834 Circle Drive | | | | | | |
| | City | Austin | State | TX | ZIP | 78736 | ZIP + 4 |
| 24. County | Travis | | | | | | |

Enter Physical Location Description if no street address is provided.

| | | | | | | | |
|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|----------------------------------------|---------|------------------------------------------|--------------|---------------------------|---------|
| 25. Description to Physical Location: | At the intersection of Circle Drive ad Mowinkle Drive in Southwest Travis County | | | | | | |
| 26. Nearest City | Austin | | | State | TX | Nearest ZIP Code 78736 | |
| 27. Latitude (N) In Decimal: | 30.23578333 | | | 28. Longitude (W) In Decimal: | -97.91140833 | | |
| Degrees | Minutes | Seconds | Degrees | Minutes | Seconds | | |
| 30 | 36 | 56.71 | 97 | 50 | 5.78 | | |
| 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) | | | |
| 1522 | 1531 | 236220 | | 236117 | | | |
| 33. What is the Primary Business of this entity? <i>(Do not repeat the SIC or NAICS description.)</i> | | | | | | | |
| | | | | | | | |
| 34. Mailing Address: | 1017 Reagan Terrace | | | | | | |
| | City | Austin | State | TX | ZIP | 78704 | ZIP + 4 |
| 35. E-Mail Address: | johnny@miarsconstruction.com | | | | | | |
| 36. Telephone Number | 37. Extension or Code | | | 38. Fax Number <i>(if applicable)</i> | | | |
| (512) 844-5889 | () - | | | () - | | | |

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.

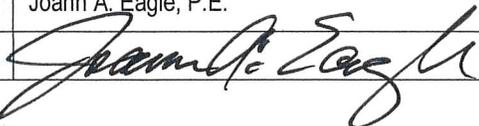
| | | | | |
|------------------------------------------------|------------------------------------------------|-------------------------------------------------|--------------------------------------------------|-----------------------------------------------------|
| <input type="checkbox"/> Dam Safety | <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"/> Waste Water | <input type="checkbox"/> Wastewater Agriculture | <input type="checkbox"/> Water Rights | <input type="checkbox"/> Other: |

SECTION IV: Preparer Information

| | | | |
|----------------------|----------------------|----------------|--------------------|
| 40. Name: | Joann A. Eagle, P.E. | 41. Title: | Project Manager |
| 42. Telephone Number | 43. Ext./Code | 44. Fax Number | 45. E-Mail Address |
| (512) 280-5160 | | () - | joann@cbdeng.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: | Carlson, Brigance & Doering, Inc. | Job Title: | Project Manager |
| Name (In Print): | Joann A. Eagle, P.E. | Phone: | (512) 280- 5160 |
| Signature: |  | Date: | 6/12/23 |