

### TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

### **Contributing Zone Plan**

For

### **MCS Project**

1840 Little Elm Trail Cedar Park, Texas 78613

> Prepared By: Bleyl Engineering

September 2023

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Texas Reg No F-678

**EDWARDS AQUIFER APPLICATION COVER PAGE** 

### Texas Commission on Environmental Quality Edwards Aquifer Application Cover Page

### **Our Review of Your Application**

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

### **Administrative Review**

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

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

- 2. This Edwards Aquifer Application Cover Page form (certified by the applicant or agent) must be included in the application and brought to the administrative review meeting.
- 3. Administrative reviews are scheduled with program staff who will conduct the review. Applicants or their authorized agent should call the appropriate regional office, according to the county in which the project is located, to schedule a review. The average meeting time is one hour.
- 4. In the meeting, the application is examined for administrative completeness. Deficiencies will be noted by staff and emailed or faxed to the applicant and authorized agent at the end of the meeting, or shortly after. Administrative deficiencies will cause the application to be deemed incomplete and returned.

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

- 5. If an application is received by mail, courier service, or otherwise submitted without a review meeting, the administrative review will be conducted within 30 days. The applicant and agent will be contacted with the results of the administrative review. If the application is found to be administratively incomplete, it can be retrieved from the regional office or returned by regular mail. If returned by mail, the regional office may require arrangements for return shipping.
- 6. If the geologic assessment was completed before October 1, 2004 and the site contains "possibly sensitive" features, the assessment must be updated in accordance with the *Instructions to Geologists* (TCEQ-0585 Instructions).

### **Technical Review**

- 1. When an application is deemed administratively complete, the technical review period begins. The regional office will distribute copies of the application to the identified affected city, county, and groundwater conservation district whose jurisdiction includes the subject site. These entities and the public have 30 days to provide comments on the application to the regional office. All comments received are reviewed by TCEQ.
- 2. A site assessment is usually conducted as part of the technical review, to evaluate the geologic assessment and observe existing site conditions. The site must be accessible to our staff. The site boundaries should be

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

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

### **Mid-Review Modifications**

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

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

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

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

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

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

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

1. Regulated Entity N	ame: MCS P	rojec	t		2. Regulated Entity No.:				
3. Customer Name: Volente MCS Hold			ngs LLC		4. Customer No.:				
5. Project Type: (Please circle/check one)	New	Modif	Modification		Extension		Exception		
6. Plan Type: (Please circle/check one)	WPAR CZP	SCS	UST AS	T	EXP	EXT	Technical Clarification	Optional Enhanced Measures	
7. Land Use: (Please circle/check one)	Residential	Non-1	Non-residentia			8. Sit	e (acres):	4.29	
9. Application Fee:	\$ 4,000.00	10. P	ermanen	t B	<b>SMP(s):</b> Sed/Fil Pond				
11. SCS (Linear Ft.):		12. A	12. AST/UST (N			. Tanks): No Tanks			
13. County:	Williamson	14. W	atershee	d:			Upper Brushy (	Creek	

## **Application Distribution**

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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.

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

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

Austin Region

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.

Jason Rodgers / Bleyl Engineering

Print Name of Customer/Authorized Agent

10/10/2023

Date

Signature of Customer/Authorized Agent

**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):	Payable to TCEQ (Y/N):	
Core Data Form Complete (Y/N):	Check: Signed (Y/N):	
Core Data Form Incomplete Nos.:	Less than 90 days old (Y/N):	

# **CONTRIBUTING ZONE PLAN SECTION**

# **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: Jason Rodgers

Date: October 27, 2023

Signature of Customer/Agent:

Regulated Entity Name: MCS Project

### **Project Information**

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

Contact Person: Thomas Best Entity: <u>Volente MCS Holdings LLC</u> Mailing Address: <u>13200 Pond Springs Road Ste. A106</u> City, State: <u>Austin, Texas</u> Zip: <u>78729</u> Telephone: <u>512-844-8498</u> Fax: \_\_\_\_\_ Email Address: <u>enrique.maiz-torres@austintexas.gov</u>

5. Agent/Representative (If any):

Contact Person: Jason RodgersEntity: Bleyl EngineeringMailing Address: 7701 San Felipe Blvd, Suite 200City, State: Austin, TXZip: 78729Telephone: 512-454-2400Fax: \_\_\_\_\_Email Address: irodgers@bleylengineering.com

6. Project Location:

The project site is located inside the city limits of <u>Cedar Park</u>.

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

1840 Little Elm Trail, Cedar Park, Texas 78613

- 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.

 $\boxtimes$  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:



- Offsite areas
- Impervious cover
- $\mathbb{X}$  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 Equivalents: \_\_\_\_\_
 Commercial
 Industrial
 Other: \_\_\_\_\_

13. Total project area (size of site): <u>4.29</u> Acres

Total disturbed area: \_\_\_\_\_ Acres

- 14. Estimated projected population: N/A
- 15. The amount and type of impervious cover expected after construction is complete is shown below:

### Table 1 - Impervious Cover

Impervious Cover of Proposed Project	Sq. Ft.	Sq. Ft./Acre	Acres
Structures/Rooftops	20,084	÷ 43,560 =	0.46
Parking	47,870	÷ 43,560 =	1.10
Other paved surfaces	5,209	÷ 43,560 =	0.12
Total Impervious Cover	73,163	÷ 43,560 =	1.68

### Total Impervious Cover 1.68

+ Total Acreage 4.29 X 100 = 39% 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.  $L \times W = Ft^2 \div 43,560 Ft^2/Acre = acres.$ 21. Pavement Area: Length of pavement area: \_\_\_\_\_ feet. Width of pavement area: \_\_\_\_\_ feet.  $L \times W =$ \_\_\_\_Ft<sup>2</sup> ÷ 43,560 Ft<sup>2</sup>/Acre = \_\_\_\_ acres. Pavement area \_\_\_\_\_\_ acres ÷ R.O.W. area \_\_\_\_\_ acres x 100 = \_\_\_\_% 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 <u>Cedar Park</u> (name) Treatment Plant. The treatment facility is:

$\bowtie$	Existing.
	Proposed.
N/A	١

### 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

AST Number	Size (Gallons)	Substance to be Stored	Tank Material
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):

Length (L)(Ft.)	Width(W)(Ft.)	Height (H)(Ft.)	L x W x H = (Ft3)	Gallons
			Т	otal: Gallon

### **Table 3 - Secondary Containment**

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.  $\square$  The Site Plan must have a minimum scale of 1" = 400'.

Site Plan Scale: 1" = <u>100</u>'.

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): <u>FEMA FIRM Panel #48491C0605F</u>, dated 12/20/2019.

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.  $\square$  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.  $\boxtimes$  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.  $\square$  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.  $\square$  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.



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

### 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.  $\square$  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

<sup>🛛</sup> N/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.

Road Map

Contributing Zone Plan Attachment A



### SGS Quadrangle Map

Contributing Zone plan: Attachment B



### **Project Description**

Contributing Zone Plan Application – Attachment C

### **General Information**

The property MCS Project is located at 1840 Little Elm Trail in Cedar Park. The final plat is a single lot with a total area of 4.293 acres. This project site is within the Edwards Aquifer Contributing Zone. This project site is located within the Upper Brushy Creek Watershed. No portion of this tract is within the boundaries of the 100-year flood plain of any waterway that is within the limits of study of FEMA FIRM panel # 48491C0605F, dated December 20, 2019 for Williamson County. The site is currently undeveloped with medium vegetation and tree cover. The proposed site consists of the construction of 1 building that includes a showing room for outdoor living services with retail sales and mosquito controls systems.

### **Drainage**

The site was analyzed with two Proposed Drainage Areas: Pro 1 and 2. Discharge from area Pro 2 leaves the site without entering the water quality or detention systems. Summaries of the hydraulic data are included on the construction drawings and demonstrate compliance with City of Cedar Park design criteria with respect to stormwater discharge. The 2, 10, 25 and 100-yr discharge flowrates for the site post development conditions are less than or equal to the predeveloped conditions.

Existing Drainage Summary												
Total Area*	Impervio	us Cover	Cover Pervious Cover		Tc	Lag	CN	Atlas 14, 24hr Storm Water Flows (cfs)				
acres	sq mi	acres	%	acres	%	mins	mins	CN	2-yr	10-yr	25-yr	100-yr
4.29	0.0067	0.00	0.00	4.29	100.00	18.54	11.12	83	10.76	19.57	25.71	36.22
	Total A acres 4.29	Total Area*           acres         sq mi           4.29         0.0067	Total Area*         Impervio           acres         sq mi         acres           4.29         0.0067         0.00	Total Area*         Impervious Cover           acres         sq mi         acres         %           4.29         0.0067         0.00         0.00	Total Area*         Impervious Cover         Perviou           acres         sq mi         acres         %         acres           4.29         0.0067         0.00         0.00         4.29	Existing Drainag           Total Area*         Impervious Cover         Pervious Cover           acres         sq mi         acres         %           4.29         0.0067         0.00         0.00         4.29	Existing Drainage Summary           Total Area*         Impervious Cover         Pervious Cover         Tc           acres         sq mi         acres         %         acres         mins           4.29         0.0067         0.00         0.00         4.29         100.00         18.54	Existing Drainage Summary           Total Area*         Impervious Cover         Pervious Cover         Tc         Lag           acres         sq mi         acres         %         mins         mins           4.29         0.0067         0.00         0.00         4.29         100.00         18.54         11.12	Existing Drainage Summary           Total Area*         Impervious Cover         Pervious Cover         Tc         Lag         CN           acres         sq mi         acres         %         acres         %         mins         mins           4.29         0.0067         0.00         0.00         4.29         100.00         18.54         11.12         83	Existing Drainage Summary           Total Area*         Impervious Cover         Pervious Cover         Tc         Lag         Alag         Atlas L           acres         sq mi         acres         %         acres         %         mins         mins         2-yr           4.29         0.0067         0.00         0.00         4.29         100.00         18.54         11.12         83         10.76	Existing Drainage Summary           Total Area*         Impervious Cover         Pervious Cover         Tc         Lag         Atlas 14, 24hr Storm           acres         sq mi         acres         %         mins         mins         2-yr         10-yr           4.29         0.0067         0.00         0.00         4.29         100.00         18.54         11.12         83         10.76         19.57	Existing Drainage Summary           Total Area*         Impervise Cover         Pervise Cover         Tc         Lag         Atlas 14, 24hr Storm Water Flows           acres         sq mi         acres         %         ocres         mins         mins         -2-yr         10-yr         25-yr           4.29         0.0067         0.00         0.00         4.29         100.00         18.54         11.12         83         10.76         19.57         25.71

	Proposed Drainage Summary												
Area Label	Total	Area*	Impervio	vious Cover Pervious Cover		Тс	Lag	CN	Atlas 14, 24hr Storm Water Flows (cfs)				
Area Label	acres	sq mi	acres	%	acres	%	mins	mins		2-yr	10-yr	25-yr	100-yr
Pro 1	2.01	0.0031	1.68	83.56	0.33	16.44	5.00	3.00	95	10.67	16.54	20.56	27.46
Pro 2	2.28	0.0036	0.00	0.00	2.28	100.00	19.15	11.49	80	5.69	10.37	13.62	19.16

Discharge Summary										
Analysis Atlas 14 - Storm Water Flows (cfs)										
Point	2-yr	10-yr	25-yr	100-yr						
Ex DP 1	10.76	19.57	25.71	36.22						
Pro DP 1	9.72	17.62	23.94	35.17						

### **Utilities**

The Wastewater will be tied into the existing WW manhole along the southern property line. The water will be connected to the existing 8" waterline stub along Little Elm Trail.

### Factors Affecting Surface Water Quality

Contributing Zone Plan – Attachment D

Runoff from the proposed improvements is conveyed through a storm sewer network which lead to the southeast onsite water quality and detention pond.

Specific factors that affect water quality are as follows:

- Pollutants associated with runoff from the gravel roadway and parking, including oil/gasoline from vehicles and petroleum distillates from the compressed gravel.
- Dust and silt are another pollutant generated both from vehicular traffic and airborne particulates.
- Miscellaneous trash and litter from construction.
- Concrete truck washout
- Soil erosion due to the clearing of the site for roads, buildings, and drainage structures

### Volume and Character of Stormwater

Contributing Zone Plan Application – Attachment E

### Volume

The tables on the following pages summarize the volume of storm water generated by the development and the release rates from the site for the existing and proposed conditions:

A drainage area map included in the attached graphically represents the drainage area used for the calculation (Pro 1 and Pro 2). Stormwater from each drainage area will flow directly to an existing channel onsite. The total area captured by the pond will be 2.01 acres and will remove 1660 pounds of suspended solids.

### Quality

Runoff typically associated with a development of this type includes oil and gasoline from vehicular traffic and petroleum distillates from the paving. Another pollutant generated by the paving and roof areas will be the dirt and silt produced by airborne dust falling from vehicles. The proposed water quality pond is sized to treat the expected pollutants.

	Existing Drainage Summary												
Americahal	Total Area* Impervious Cover	Pervio	us Cover	Тс	Lag	<b>CN</b>	Atlas 14, 24hr Storm Water Flows (cfs)						
Area Label	acres	sq mi	acres	%	acres	%	mins	mins	CN	2-yr	10-yr	25-yr	100-yr
Ex 1	4.29	0.0067	0.00	0.00	4.29	100.00	18.54	11.12	83	10.04	18.22	23.87	33.60

Proposed Drainage Summary													
Area Label	Total Area*		Impervious Cover		Pervious Cover		Тс	Lag	CN	Atlas 14, 24hr Storm Water Flows (cfs)			
	acres	sq mi	acres	%	acres	%	mins	mins	CN	2-yr	10-yr	25-yr	100-yr
Pro 1	2.01	0.0031	1.68	83.56	0.33	16.44	5.00	3.00	95	9.84	15.23	18.91	25.26
Pro 2	2.28	0.0036	0.00	0.00	2.28	100.00	19.15	11.49	80	4.75	9.08	12.11	17.38

# Suitability Letter from Authorized Agent Contributing Zone Plan – Attachment F

<u>Alternative Secondary Containment Methods</u> Contributing Zone Plan – Attachment G

# AST Containment Structure Drawings Contributing Zone Plan – Attachment H

# 20% or Less Impervious Cover Waiver Contributing Zone Plan - Attachment I

# BMP's for Upgradient Stormwater Contributing Zone Plan Application - Attachment J

There are offsite areas that flow through the site through existing culverts underneath Little Elm Trail. These flows are diverted around the proposed development via an existing drainage way. These flows do not impact the proposed development.

### BMP's for On-site Stormwater

Contributing Zone Plan Application- Attachment K

### Temporary BMPs:

- A stabilized construction entrance will be provide at the northern entrance of Little Elm Trail.
- Silt fence is placed downgradient of the disturbed construction area to prevent stormwater leaving the site.
- Inlet protection is utilized to prevent sediment from entering any storm sewers in each phase. See Construction Plans.
- Tree protection fence is proposed at necessary locations

### Permanent BMPs:

- One water quality and detention pond is proposed as permanent BMP's. The pond capture the required water quality volume per the TCEQ Technical Guidance Manual. Compensation for flows that do not enter the ponds is accounted for in the TCEQ TSS Calculation spreadsheet.
- Revegetation and landscaping of all disturbed areas.

# BMP's for Surface Streams Contributing Zone Plan - Attachment L

# Construction Plans Contributing Zone Plan - Attachment M

The construction plans have been provided separately.

## Inspection, Maintenance, Repair and Retrofit Plan for the Water Quality Ponds Contributing Zone Plan - Attachment N

PROJECT NAME:	MCS Project
ADDRESS:	1840 Little Elm Trail
CITY, STATE, ZIP:	Cedar Park, Texas 78613

Routine Maintenance:

Pest Management:	An Integrated Pest Management (IPM) Plan should be developed for
	vegetated areas. This plan should specify how problem insects and weeds
	will be controlled with minimal or no use of insecticides and herbicides.
Seasonal Mowing	Lawn mowing should be performed routinely, as needed, throughout the
and Lawn Care:	growing season. Grass height should not exceed 18 inches. Grass cuttings
	should be collected and disposed of offsite, or a mulching mower can be used.
	Regular mowing should also include weed control practices; however,
	herbicide use should be kept to a minimum.
Inspection	BMP facilities must be inspected at least twice a year (once during or
inspection.	immediately following wet weather) to evaluate facility operations. During
	each inspection, erosion areas inside and downstream of the BMP must be
	identified and repaired or revegetated immediately. With each inspection, any
	damage to the structural elements of the system (nines, concrete drainage
	atmage to the structural elements of the system (pipes, concrete dramage
	structures, retaining wans, etc.) must be identified and repaired minediately.
	Inspect channels at least twice annually for erosion of damage to vegetation,
	however, additional inspection after periods of heavy runoff is most desirable.
	The ponds should be checked for uniformity of grass cover, debris and litter,
	and areas of sediment accumulation. More frequent inspections of the grass
	cover during the first few years after establishment will help to determine if
	any problems are developing, and to plan for long-term restorative
	maintenance needs. Bare spots and areas of erosion identified during semi-
	annual inspections should be replanted and restored to meet specifications.
Debris and Litter	Any water quality and detention ponds (i.e. check dams) should be kept free
Removal:	of obstructions or trash to reduce floatables being flushed downstream, and
	for aesthetic reasons. The need for this practice is determined through
	periodic inspection, but should be performed no less than two times per year.
Sediment	Remove sediment form the inlet structure and sedimentation chamber when
Removal:	sediment buildup reaches a depth of 6 inches or when the proper functioning
	of inlet and outlet structures is impaired. Sediment should be cleared from the
	inlet structure at least every year and from the sedimentation basin at least
	every 5 years. Sediment accumulating needs to be removed when it builds up
	to 3 inches at any spot, or covers vegetation. Excess sediment should be
	removed by hand or with flat-bottomed shovels. If areas are croded, they
	should be filled, compacted, and reseeded so that the final grade is level with
	the bottom of the pond. Sediment removal should be performed periodically.
	as determined through inspection.
Grass Reseeding	A healthy dense grass should be maintained in the channel and side slopes.
and Mulching	Grass damaged during the sediment removal process should be promptly
and manening.	replaced using the same seed mix used during swale establishment. If
	possible flow should be diverted from the damaged areas until the grass is
	firmly ostablished
	minity established.

Public Education:	n should be provided to the locality to teach proper Procedures such as mowing the swale to the proper of pesticide and fertilizer application, and the removal vale should be taught.					
Record Keeping:	Detailed records mus shall include informa and time of the inspe must retain any such inspection date.	at be kept by the owner of the property. These records ation such as the name of the inspector used, the date ection, and any maintenance performed. The owner inspection records for a period of three years after the				
<b>Responsible Party:</b>	Volente MCS Holdir	ngs LLC				
Mailing Address:	13200 Pond Springs Rd, Suite A106					
City, State, Zip:	Austin, Texas 78729					
Telephone:	(512) 844-8498	Fax:				

Signature of Responsible Party

10/6/23 Date

# Pilot-Scale Field Testing Plan Contributing Zone Plan - Attachment O

Measures for Minimizing Surface Stream Contamination Contributing Zone Plan - Attachment P

# **TEMPORARY STORMWATER SECTION**
# **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: Jason Rodgers

Date: September 19, 2023

Signature of Customer/Agent:

Regulated Entity Name: MCS Project

#### **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: <u>None</u>

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: <u>Upper Brushy Creek</u>

#### 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:

		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.
		<ul> <li>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.</li> <li>There will be no temporary sealing of naturally-occurring sensitive features on the site.</li> </ul>
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.	$\boxtimes$	Attachment G - Drainage Area Map. A drainage area map supporting the following requirements is attached:
		<ul> <li>For areas that will have more than 10 acres within a common drainage area disturbed at one time, a sediment basin will be provided.</li> <li>For areas that will have more than 10 acres within a common drainage area</li> </ul>
		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.  $\square$  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.

#### Spill Response Actions

Temporary Stormwater Section - Attachment A

Spill response measures during construction are to be handled by the contractor and are as follows:

1. Any hazardous spill associated with construction that is five gallons or less is to be contained, cleaned and disposed of properly by the contractor in accordance to OSHA, municipal and state regulations. The Contractor shall verify the classification of materials in use with the appropriate manufacturer.

Any hazardous spill associated with construction that is a Reportable Quantity (RQ) shall be reported to the TCEQ Environmental Response Hotline (1-800-832-8224) and National Response Center (1-800-424-8802) for containment, clean up, and disposal.

RQ is determined as follows:

(a) Hazardous substances. The reportable quantities for hazardous substances shall be:

(1) for spills or discharges onto land--the quantity designated as the Final Reportable Quantity (RQ) in Table 302.4 in 40 CFR §302.4; or

(2) for spills or discharges into waters in the state--the quantity designated as the Final RQ in Table 302.4 in 40 CFR §302.4, except where the Final RQ is greater than 100 pounds in which case the RQ shall be 100 pounds.

(b) Oil, petroleum product, and used oil.

(1) The RQ for crude oil and oil other than that defined as petroleum product or used oil shall be:

(A) for spills or discharges onto land--210 gallons (five barrels); or

(B) for spills or discharges directly into water in the state--quantity sufficient to create a sheen.

(2) The RQ for petroleum product and used oil shall be:

(A) except as noted in subparagraph (B) of this paragraph, for spills or discharges onto land--25 gallons;

(B) for spills or discharges to land from PST exempted facilities--210 gallons (five barrels); or

(C) for spills or discharges directly into water in the state--quantity sufficient to create a sheen.

(c) Industrial solid waste or other substances. The RQ for spills or discharges into water in the state shall be 100 pounds.

2. Follow actions set by TAC 30.1.327.5:

(a) The responsible person shall immediately abate and contain the spill or discharge and cooperate fully with the executive director and the local incident command system. The responsible person shall also begin reasonable response actions which may include, but are not limited to, the following actions:

(1) arrival of the responsible person or response personnel hired by the responsible person at the site of the discharge or spill;

(2) initiating efforts to stop the discharge or spill;

(3) minimizing the impact to the public health and the environment;

(4) neutralizing the effects of the incident;

(5) removing the discharged or spilled substances; and

(6) managing the wastes.

(b) Upon request of the local government responders or the executive director, the responsible person shall provide a verbal or written description, or both, of the planned response actions and all actions taken before the local governmental responders or the executive director arrive. When the agency on-scene coordinator requests this information, it is subject to possible additional response action requirements by the executive director. The information will serve as a basis for the executive director to determine the need for:

(1) further response actions by the responsible person;

(2) initiating state funded actions for which the responsible person may be held liable to the maximum extent allowed by law; and

(3) subsequent reports on the response actions.

(c) Except for discharges or spills occurring during the normal course of transportation about which carriers are required to file a written report with the U.S. Department of Transportation under 49 CFR §171.16, the responsible person shall submit written information, such as a letter, describing the details of the discharge or spill and supporting the adequacy of the response action, to the appropriate TCEQ regional manager within 30 working days of the discovery of the reportable discharge or spill. The regional manager has the discretion to extend the detailine. The documentation shall contain one of the following items:

(1) A statement that the discharge or spill response action has been completed and a description of how the response action was conducted. The statement shall

include the initial report information required by §327.3(c) of this title (relating to Notification Requirements). The executive director may request additional information. Appropriate response actions at any time following the discharge or spill include use of the Texas Risk Reduction Program rules in Chapter 350 of this title (relating to Texas Risk Reduction Program).

(2) A request for an extension of time to complete the response action, along with the reasons for the request. The request shall also include a projected work schedule outlining the time required to complete the response action. The executive director may grant an extension up to six months from the date the spill or discharge was reported. Unless otherwise notified by the appropriate regional manager or the Emergency Response Team, the responsible person shall proceed according to the terms of the projected work schedule.

(3) A statement that the discharge or spill response action has not been completed nor is it expected to be completed within the maximum allowable six month extension. The statement shall explain why completion of the response action is not feasible and include a projected work schedule outlining the remaining tasks to complete the response action. This information will also serve as notification that the response actions to the discharge or spill will be conducted under the Texas Risk Reduction Program rules in Chapter 350 of this title (relating to Texas Risk Reduction Program).

#### Potential Sources of Contamination

Temporary Stormwater Section - Attachment B

Potential Sources of Contamination during construction are to be a concern of the contractor and are as follows:

- 1. After placement of asphalt, emulsion, or coatings the Contractor shall be responsible for immediate clean up should an unexpected rain occur during the curing period.
- 2. Any sediment build-up along the silt fences will need to be removed when it reaches a depth of six inches.
- 3. Dust from the construction site will be controlled by use of water.
- 4. Soil from construction vehicles will be removed from vehicles by having all vehicles drive over the stabilized construction entrance.
- 5. Oil leakage from vehicles and equipment.
- 6. Concrete washout water.

#### Sequence of Construction

Temporary Stormwater Section - Attachment C

#### The following is a list of construction sequencing:

- 1. Install temporary erosion/sedimentation control measures as shown in the plans prior to clearing, grading, excavating, etc.
- 2. The contractor shall contact the City of Austin and TCEQ at least 72 hours prior to any construction to arrange a pre-construction meeting.
- 3. Pre-construction meeting at site.
- 4. Demo site as indicated on the Demo Plan

(Disturbed Area  $\sim 0.00$  acres, use inlet protection)

5. Excavate water quality pond for use as temporary sediment basin as shown on the Water Quality Pond Plan, Profile and Details sheet.

(Disturbed Area  $\sim 0.04$  acres)

6. Grade the site as indicated on the Grading Plan sheets.

(Disturbed Area  $\sim 0.75$  acres, use silt fence, inlet protection, staging and spoils areas, and concrete truck washout)

7. Construct building pads.

(Disturbed Area  $\sim 2.09$  acres, use silt fence, inlet protection, staging and spoils areas, and concrete truck washout)

8. Install base material for drives and parking.

(Disturbed Area  $\sim$  4.32 acres, use silt fence, staging and spoils areas, and concrete truck washout)

9. Complete construction of water quality pond concrete walls as shown on the Rain Garden Pond Plan, Profile and Details sheet 38.

(Disturbed Area  $\sim 0.04$  acres)

10. Install all underground utilities as indicated in the Construction Plans.

(Disturbed Area  $\sim 0.75$  acres, use silt fence, inlet protection, staging and spoils areas, and concrete truck washout)

11. Construct buildings per Architectural Drawings.

(Disturbed Area  $\sim 0.03$  acres, use silt fence, inlet protection, staging and spoils areas, and concrete truck washout)

12. Construct the proposed paving and all other ancillary construction.

(Disturbed Area  $\sim 0.75$  acres, use silt fence, inlet protection, staging and spoils areas, and concrete truck washout)

- 13. Complete testing requirements for the Texas Commission on Environmental Quality and other agencies.
- 14. Clean site and revegetate all disturbed areas in accordance with restoration requirements of TCEQ.
- 15. Remove all temporary erosion and sedimentation controls upon completion of permanent revegetation of all disturbed areas.
- 16. At all times, contractor shall inspect temporary erosion controls on a regular basis and remove any sediment build-up and comply with the National Pollutant Discharge Elimination System Stormwater Program.

#### Temporary Best Management Practices and Measures

Temporary Stormwater Section - Attachment D

The BMPs to be utilized by this site include:

-Silt Fence -Inlet Protection -Temporary concrete washout area

Temporary erosion and sedimentation controls include Silt Fence and Inlet Protection. All temporary erosion controls shall be installed where shown on the Water Pollution Abatement Plan.

Silt Fence is to be installed immediately downstream of all disturbed areas to filter out any sediment from storm water flows due to construction.

Inlet Protection is to be installed after inlets are constructed to filter out any sediment from entering the storm sewer system during construction.

A concrete washout area is to be installed to prevent concrete wash from entering the storm sewer system during construction.

No upgradient surface water enters this site. A visual inspection of this site revealed no critical environmental features.

# Request to Temporarily Seal a Feature Temporary Stormwater Section - Attachment E

Not applicable to this project. No features exist on the site.

#### **Structural Practices**

Temporary Stormwater Section - Attachment F

Temporary special structural practices that will be utilized during construction activity on this site include:

Silt Fence is to be installed immediately downstream of all disturbed areas to filter out any sediment from storm water flows due to construction.

Inlet Protection is to be installed to filter out any sediment from entering the storm sewer system during construction.

# Drainage Area Map Temporary Stormwater Section - Attachment G

Refer to attached plan set.

# <u>Temporary Sedimentation Pond Plans and Calculations</u> *Temporary Stormwater Section - Attachment H*

There are no temporary sedimentation pond plans associated with this project.

#### Inspection and Maintenance for Temporary BMPs Temporary Stormwater Section - Attachment I

#### **Inspections of Controls**

At least once every seven (7) days the SWP3 provides for a thorough inspection of disturbed areas of the construction site that have not been finally stabilized. Disturbed areas and areas used for storage of materials that are exposed to precipitation shall be inspected for evidence of, or the potential for, pollutants entering the drainage system. The Contractor is required to inspect the temporary erosion controls, including silt fence and stabilized construction entrance at weekly intervals and after significant rainfall events to insure that they are functioning properly.

This site inspection will be performed by qualified personnel familiar with the site and with the authority to ensure necessary maintenance of controls. Documentation of the inspections and actions taken are provided on forms shown in the back of the SWP3.

Based on the results of the inspection, the SWP3 shall be modified as necessary to include additional or modified BMPs designed to correct problems identified. Revisions to the SWP3 shall be completed within 7 calendar days following the inspection.

A report summarizing the scope of the inspection, name and qualification of personnel making the inspection, the date of the inspection and major observations relating to the implementation of the SWP3 shall be made and retained as part of the SWP3 for at least three years from the date the site is finally stabilized. Reports shall identify incidents of non-compliance. Where a report does not identify any incidents of non-compliance, the report shall contain a certification that the facility is in compliance with the SWP3. An authorized representative shall sign the report. Qualified personnel performing inspections are familiar with the BMPs, have knowledge to determine when a failed control is inadequate and needs to be replaced, have access to the construction schedule, have knowledge of stabilization, and have authority to make changes to the SWP3.

In the event of flooding or other uncontrollable situations which prohibit access to the inspection sites, inspections must be conducted as soon as access is practicable.

Personnel provided by the permittee and familiar with the SWP3 must inspect disturbed areas of the construction site that have not been finally stabilized, areas used for storage of materials that are exposed to precipitation, and structural controls for evidence of, or the potential for, pollutants entering the drainage system. Sediment and erosion control measures identified in the SWP3 must be inspected to ensure that they are operating correctly. Locations where vehicles enter or exit the site must be inspected for evidence of off-site sediment tracking. Inspections must be conducted at least once every fourteen (14) calendar days and within twenty four (24) hours of the end of a storm event of 0.5 inches or greater.

Where sites have been finally or temporarily stabilized, where runoff is unlikely due to winter conditions (e.g. site is covered with snow, ice, or frozen ground exists), or during

seasonal arid periods in arid areas (areas with an average annual rainfall of 0 to 10 inches) and semi-arid areas (areas with an average annual rainfall, of 10 to 20 inches), inspections must be conducted at least once every month.

As an alternative to the above-described inspection schedule of once every fourteen (14) calendar days and within twenty four (24) hours of a storm event of 0.5 inches, or greater, the SWP3 may be developed to require that these inspections will occur at least once every seven (7) calendar days. If this alternative schedule is developed, the inspection must occur on a specifically defined day, regardless of whether or not there has been a rainfall event since the previous inspection.

As an alternative to the above-described inspection schedule of once every fourteen (14) calendar days and within twenty four (24) hours of a storm event of 0.5 inches or greater, the SWP3 may be developed to require that these inspections will occur at least once every seven (7) calendar days. If this alternative schedule is developed, the inspection must occur on a specifically defined day, regardless of whether or not there has been a rainfall event since the previous inspection.

The SWP3 must be modified based on the results of inspections, as necessary, to better control pollutants in runoff. Revisions to the SWP3 must be completed within seven (7) calendar days following the inspection. If existing BMPs are modified or if additional BMPs are necessary, an implementation schedule must be described in the SWP3 and wherever possible those changes implemented before the next storm event. If implementation before the next anticipated storm event is impracticable, these changes must be implemented as soon as practicable.

A report summarizing the scope of the inspection, names and qualifications of personnel making the inspection, the dates of the inspection, and major observations relating to the implementation of the SWP3 must be made and retained as part of the SWP3. Major observations should include: The locations of discharges of sediment or other pollutants from the site; locations of BMPs that need to be maintained; locations of BMPs that failed to operate as designed or proved inadequate for a particular location; and locations where additional BMPs are needed.

Actions taken as a result of inspections must be described within, and retained as a part of, the SWP3. Reports must identify any incidents of noncompliance. Where a report does not identify any incidents of noncompliance, the report must contain a certification that the facility or site is in compliance with the SWP3 and this permit. The report must be signed by the person and in the manner required by 30 TAC § 305.128 (relating to Signatories to Reports)

#### <u>Maintenance</u>

All erosion and sediment control measures and other protective measures identified in the SWP3 must be maintained in effective operating condition. If through inspections the permittee determines that BMPs are not operating effectively, maintenance must be performed before the next anticipated storm event or as necessary to maintain the continued effectiveness of storm water controls. If maintenance prior to the next anticipated storm event is impracticable, maintenance must be scheduled and accomplished as soon as practicable. Erosion and sediment controls that have been intentionally disabled, run-over, removed, or otherwise rendered ineffective must be replaced or corrected immediately upon discovery.

Silt accumulation at the silt fence must be removed when the depth reaches six inches.

#### **Retention of Records**

The permittee shall retain a copy of the SWP3 at the construction site (or other accessible location) from the date of project initiation to the date of final stabilization. The permittee shall retain copies of the NOI, SWP3, all reports, and records of all data covered by the permit for three years from the date the site is finally stabilized. All NOIs, SWP3, reports, certifications, NOTs, and information that this permit requires be maintained by the permittee shall be signed by a duly authorized representative.

#### Schedule of Interim and Permanent Soil Stabilization Practices

Temporary Stormwater Section - Attachment J

#### During Construction:

A minimum of 4" topsoil shall be placed in between the curb and right-of-way line of all areas that have been disturbed because of construction. Additionally, disturbed areas with slopes greater than 15% shall be stabilized with vegetative matting once the activity is complete. Bare soils should be seeded or otherwise stabilized where construction activity has temporarily ceased for more than 21 days.

#### After Construction:

All disturbed areas are to be revegetated within 14 days of completion of construction activities, or as directed by the Round Rock Inspection Department. Areas that were not disturbed from construction will be left in their natural state.

#### **Revegetation Methods:**

Broadcast Seeding for Permanent Soil Stabilization:

- 1. From September 15 to March 1, seeding shall be with a combination of 2 pounds per 1000 SF of unhulled Bermuda and 7 pounds per 1000 SF winter rye with a purity of 95% with 90% germination.
- 2. From March 1 to September 14, seeding shall be with unhulled Bermuda at a rate of 2 pounds per 1000 SF with a purity of 95% and 85% germination.

#### Fertilizer:

- 3. Fertilizer shall be pelleted granular slow release with an analysis of 15-15-15. It is to be applied once at planting and once during the period of establishment at a rate of 1 pound per 1000 SF.
- 4. Mulch type used shall be hay, straw or mulch applied at a rate of 45 pounds per 1000 SF.

# NOTICE OF INTENT FOR STORMWATER DISCHARGES

TCEQ Office Use Only Permit No.: RN: CN: Region:



## **TCEQ** Notice of Intent (NOI) for Stormwater Discharges Associated with Construction Activity under TPDES General Permit (TXR150000)

#### **IMPORTANT:**

- Use the **INSTRUCTIONS** to fill out each question in this form.
- Use the <u>CHECKLIST</u> to make certain all you filled out all required information. Incomplete applications **WILL** delay approval or result in automatic denial.
- Once processed your permit can be viewed at: <u>http://www2.tceq.texas.gov/wq\_dpa/index.cfm</u>

**ePERMITS:** Sign up now for online NOI: <u>https://www3.tceq.texas.gov/steers/index.cfm</u> Pay a \$225 reduced application fee by using ePermits.

#### **APPLICATION FEE:**

- You must pay the **\$325** Application Fee to TCEQ for the paper application to be complete.
- Payment and NOI must be mailed to separate addresses.
- Did you know you can pay on line?
  - Go to https://www3.tceq.texas.gov/epay/index.cfm
  - Select Fee Type: GENERAL PERMIT CONSTRUCTION STORM WATER DISCHARGE NOI APPLICATION

Is the Payment Voucher copy attached? Yes

# **RENEWAL:** Is this NOI a Renewal of an existing General Permit Authorization? (Note: A permit cannot be renewed after June 3, 2013.)

Yes The Permit number is: TXR15

(If a permit number is not provided, a new number will be assigned.) No

#### 1) **OPERATOR** (Applicant)

a) If the applicant is currently a customer with TCEQ, what is the Customer Number (CN) issued to this entity? You may search for your CN at: <u>http://www12.tceq.texas.gov/crpub/index.cfm?fuseaction=cust.CustSearch</u>

CN\_\_\_\_\_

TCEQ 20022 (03/05/2013)

**b)** What is the Legal Name of the entity (applicant) applying for this permit?

(The legal name must be spelled exactly as filed with the Texas Secretary of State, County, or in the legal document forming the entity.)

- d) What is the Operator Contact's (Responsible Authority) contact information and mailing address as recognized by the US Postal Service (USPS)? You may verify the address at: <a href="http://zip4.usps.com/zip4/welcome.jsp">http://zip4.usps.com/zip4/welcome.jsp</a>
  Phone #: \_\_\_\_\_ ext: Fax #:

E-mail:			
Mailing Address:			
Internal Routing (Mail Code, Etc.):			
City:	State:	ZIP Code:	
If outside USA: Territory:	Country Code:	Postal Code:	

- e) Indicate the type of Customer (The instructions will help determine your customer type): Individual Limited Partnership Sole Proprietorship-DBA Joint Venture General Partnership Corporation Trust Estate Federal Government State Government City Government
- **f)** Independent Operator? Yes No (If governmental entity, subsidiary, or part of a larger corporation, check "No".)
- **g)** Number of Employees: 0-20;

Other Government

101-250;

501 or higher

251-500; or

#### 2) APPLICATION CONTACT

If TCEQ needs additional information regarding this application, who should be contacted?

Is the application contact the same as the applicant identified above?

21-100;

Yes, go to Section 3).	No, complete section below
	,

Prefix (Mr. Ms. Miss) <u>:</u> First/Last Name:		Suffix:	
Title:	Credential:	_	
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Organization Name:			
Phone No.:	ext:	Fax Number:	
E-mail:			
Mailing Address:			
Internal Routing (Mail Code,	Etc.):		
City:	State:	ZIP Code:	
Mailing Information if outsid	e USA:		
Ferritory:   Country Code:		Postal Code:	
-	-		

#### 3) REGULATED ENTITY (RE) INFORMATION ON PROJECT OR SITE

If the site of your business is part of a larger business site or if other businesses were located at this site before yours, a Regulated Entity Number (RN) may already be assigned for the larger site. Use the RN assigned for the larger site. Search TCEQ's Central Registry to see if the larger site may already be registered as a regulated site at:

http://www12.tceq.texas.gov/crpub/index.cfm?fuseaction=regent.RNSearch.

If the site is found, provide the assigned Regulated Entity Reference Number and provide the information for the site to be authorized through this application below. The site information for this authorization may vary from the larger site information.

a) TCEQ issued RE Reference Number (RN): RN\_\_\_\_\_

- **b)** Name of project or site (the name known by the community where located):
- **c)** In your own words, briefly describe the primary business of the Regulated Entity: (Do not repeat the SIC and NAICS code):

**d)** County (or counties if > 1)

e) Latitude:\_\_\_\_\_\_ Longitude:\_\_\_\_\_

f) Does the site have a physical address? Yes, complete Section A for a physical address. No, complete Section B for site location information.

#### **Section A:** Enter the physical address for the site.

Verify the address with USPS. If the address is not recognized as a delivery address, provide the address as identified for overnight mail delivery, 911 emergency or other online map tools to confirm an address.

Physical Address of Project or Site:				
Street Number:	Street Name:			
City:		State:	ZIP Code:	

#### **Section B:** Enter the site location information.

If no physical address (Street Number & Street Name), provide a written location access description to the site. (Ex.: located 2 miles west from intersection of Hwy 290 & IH35 accessible on Hwy 290 South)

City where the site is located or, if not in a city, what is the nearest city:

State:\_\_\_\_

ZIP Code where the site is located:

#### 4) GENERAL CHARACTERISTICS

a) Is the project/site located on Indian Country Lands?

Yes - If the answer is Yes, you must obtain authorization through EPA, Region 6. No

- **b)** Is your construction activity associated with a facility that, when completed, would be associated with the exploration, development, or production of oil or gas or geothermal resources?
  - Yes If the answer is Yes, you may be under jurisdiction of the Railroad Commission of Texas and may need to obtain authorization through EPA, Region 6. No
- c) What is the Primary Standard Industrial Classification (SIC) Code that best describes the construction activity being conducted at the site? Primary SIC Code: \_\_\_\_\_\_

d) If applicable, what is the Secondary SIC Code(s):\_\_\_\_\_

- e) What is the total number of acres disturbed?
- f) Is the project site part of a larger common plan of development or sale? Yes - If the answer is Yes, the total number of acres disturbed can be less than 5 acres.
  - No If the answer is No, the total number of acres disturbed must be 5 or more. If the total number of acres disturbed is less than 5 then the project site does not qualify for coverage through this Notice of Intent. Coverage will be denied. See the requirements in the general permit for small construction sites.
- **g)** What is the name of the first water body(s) to receive the stormwater runoff or potential runoff from the site?
- **h)** What is the segment number(s) of the classified water body(s) that the discharge will eventually reach?

i) Is the discharge into an MS4?

Yes - If the answer is Yes, provide the name of the MS4 operator below.

No

If Yes, provide the name of the MS4 operator:

Note: The general permit requires you to send a copy of the NOI to the MS4 operator.

**j)** Are any of the surface water bodies receiving discharges from the construction site on the latest EPA-approved CWA 303(d) List of impaired waters?

Yes - If the answer is Yes, provide the name(s) of the impaired water body(s) below.

No

If Yes, provide the name(s) of the impaired water body(s):

**k)** Is the discharge or potential discharge within the Recharge Zone, Contributing Zone, or Contributing Zone within the Transition Zone of the Edwards Aquifer as defined in 30 TAC Chapter 213?

Yes - If the answer is Yes, complete certification below by checking "Yes."

No

I certify that a copy of the TCEQ approved Plan required by the Edwards Aquifer Rule (30 TAC Chapter 213) is either included or referenced in the Stormwater Pollution Prevention Plan.

Yes

#### 5) CERTIFICATION

Check Yes to the certifications below. Failure to indicate Yes to *ALL* items may result in denial of coverage under the general permit.

- **a)** I certify that I have obtained a copy and understand the terms and conditions of the Construction General Permit (TXR150000). Yes
- **b)** I certify that the full legal name of the entity applying for this permit has been provided and is legally authorized to do business in Texas. Yes
- **c)** I understand that a Notice of Termination (NOT) must be submitted when this authorization is no longer needed. Yes
- **d)** I certify that a Stormwater Pollution Prevention Plan has been developed, will be implemented prior to construction and to the best of my knowledge and belief is compliant with any applicable local sediment and erosion control plans, as required in the general permit TXR150000. Note: For multiple operators who prepare a shared SWP3, the confirmation of an operator may be limited to its obligations under the SWP3 provided all obligations are confirmed by at least one operator. Yes

#### **Operator Certification:**

I,

Typed or printed name

Title

Date:

certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

I further certify that I am authorized under 30 Texas Administrative Code 305.44 to sign and submit this document, and can provide documentation in proof of such authorization upon request.

Signature:

(Use blue ink)

TCEQ 20022 (03/05/2013)

#### NOTICE OF INTENT CHECKLIST (TXR150000)

- Did you complete everything? Use this checklist to be sure!
- Are you ready to mail your form to TCEQ? Go to the General Information Section of the Instructions for mailing addresses.

This checklist is for use by the operator to ensure a complete application. Missing information may result in denial of coverage under the general permit. (See NOI process description in the Instructions)

Application Fee:

If paying by Check:

Check was mailed **separately** to the TCEQs Cashier's Office. (See Instructions for Cashier's address and Application address.)

Check number and name on check is provided in this application.

If using ePay:

The voucher number is provided in this application or a copy of the voucher is attached. PERMIT NUMBER:

Permit number provided – if this application is for renewal of an existing authorization. OPERATOR INFORMATION - Confirm each item is complete:

OF ERATOR INFORMATION - Commune each item is complete.

Customer Number (CN) issued by TCEQ Central Registry Legal name as filed to do business in Texas (Call TX SOS 512/463-5555) Name and title of responsible authority signing the application Mailing address is complete & verifiable with USPS. <u>www.usps.com</u> Phone numbers/e-mail address Type of operator (entity type) Independent operator Number of employees

For corporations or limited partnerships – Tax ID and SOS filing numbers Application contact and address is complete & verifiable with USPS. <u>http://www.usps.com</u>

**REGULATED ENTITY (RE) INFORMATION ON PROJECT OR SITE - Confirm each item is complete:** 

Regulated Entity Reference Number (RN) (if site is already regulated by TCEQ) Site/project name/regulated entity

Latitude and longitude <u>http://www.tceq.texas.gov/gis/sqmaview.html</u> County

Site/project physical address. Do not use a rural route or post office box. Business description

GENERAL CHARACTERISTICS - Confirm each item is complete:

Indian Country Lands –the facility is not on Indian Country Lands Construction activity related to facility associated to oil, gas, or geothermal resources Standard Industrial Classification (SIC) Code <u>www.osha.gov/oshstats/sicser.html</u> Acres disturbed is provided and qualifies for coverage through a NOI Common plan of development or sale Receiving water body(s) Segment number(s) Impaired water body(s) MS4 operator Edwards Aquifer rule

#### CERTIFICATION

Certification statements have been checked indicating "Yes"

Signature meets 30 Texas Administrative Code (TAC) 305.44 and is original.

## Notice of Intent (NOI) for Stormwater Discharges Associated with **Construction Activity under TPDES General Permit** (TXR150000)

General Information and Instructions

#### **GENERAL INFORMATION**

Vhere to Send the Notice of Intent (NOI):				
BY REGULAR U.S. MAIL	<b>BY OVERNIGHT/EXPRESS MAIL</b>			
Texas Commission on	Texas Commission on			
Environmental Quality	Environmental Quality			
Stormwater Processing Center	Stormwater Processing Center			
(MC228)	(MC228)			
P.O. Box 13087	12100 Park 35 Circle			
Austin, Texas 78711-3087	Austin, TX 78753			

#### **TCEQ Contact List:**

Application - status and form questions: **Technical questions: Environmental Law Division: Records Management - obtain copies of forms:** Reports from databases (as available): Cashier's office:

512/239-3700, swpermit@tceq.texas.gov 512/239-4671, swgp@tceq.texas.gov 512/239-0600 512/239-0900 512/239-DATA (3282) 512/239-0357 or 512/239-0187

#### **Notice of Intent Process:**

When your NOI is received by the program, the form will be processed as follows:

- 1) **Administrative Review:** Each item on the form will be reviewed for a complete response. In addition, the operator's legal name must be verified with Texas Secretary of State as valid and active (if applicable). The address(s) on the form must be verified with the US Postal service as receiving regular mail delivery. Never give an overnight/express mailing address.
- 2) Notice of Deficiency: If an item is incomplete or not verifiable as indicated above, a notice of deficiency (NOD) will be mailed to the operator. The operator will have 30 days to respond to the NOD. The response will be reviewed for completeness.
- 3) Acknowledgment of Coverage: An Acknowledgment Certificate will be mailed to the operator. This certificate acknowledges coverage under the general permit. -or-

**Denial of Coverage:** If the operator fails to respond to the NOD or the response is inadequate, coverage under the general permit may be denied. If coverage is denied, the operator will be notified.

#### **General Permit (Your Permit)**

For NOIs submitted **electronically** through ePermits, provisional coverage under the general permit begins immediately following confirmation of receipt of the NOI form by the TCEQ.

For **paper** NOIs, provisional coverage under the general permit begins **7 days after a** completed NOI is postmarked for delivery to the TCEQ.

You should have a copy of your general permit when submitting your application. You may view and print your permit for which you are seeking coverage, on the TCEQ web site <u>http://www.tceq.texas.gov</u>. Search using key word TXR150000.

#### **General Permit Forms**

The Notice of Intent (NOI), Notice of Termination (NOT), and Notice of Change (NOC) (including instructions) are available in Adobe Acrobat PDF format on the TCEQ web site <a href="http://www.tceq.texas.gov">http://www.tceq.texas.gov</a>.

#### **Change in Operator**

An authorization under the general permit is not transferable. If the operator of the regulated entity changes, the present permittee must submit a Notice of Termination and the new operator must submit a Notice of Intent. The NOT and NOI must be submitted no later than 10 days prior to the change in Operator status.

#### **TCEQ Central Registry Core Data Form**

The Core Data Form has been incorporated into this form. Do not send a Core Data Form to TCEQ. After final acknowledgment of coverage under the general permit, the program will assign a Customer Number and Regulated Entity Number.

You can find the information on the Central Registry web site at

<u>http://www12.tceq.texas.gov/crpub/index.cfm</u>. You can search by the Regulated Entity (RN), Customer Number (CN) or Name (Permittee), or by your permit number under the search field labeled "Additional ID". Capitalize all letters in the permit number.

The Customer (Permittee) is responsible for providing consistent information to the TCEQ, and for updating all CN and RN data for all authorizations as changes occur. For General Permits, a Notice of Change form must be submitted to the program area.

#### Fees associated with a General Permit

Payment of the fee may be made by check or money order, payable to TCEQ, or through EPAY (electronic payment through the web).

**Application Fee:** This fee is required to be paid at the time the NOI is submitted. Failure to submit payment at the time the application is filed will cause delays in acknowledgment or denial of coverage under the general permit.

#### **Mailed Payments:**

Payment must be mailed under separate cover at one of the addresses below using the attached Application Fee submittal form. (DO NOT SEND A COPY OF THE NOI WITH THE APPLICATION FEE SUBMITTAL FORM)

BY REGULAR U.S. MAIL Texas Commission on Environmental Quality Financial Administration Division Cashier's Office, MC-214 P.O. Box 13088 Austin, TX 78711-3088

BY OVERNIGHT/EXPRESS MAIL Texas Commission on Environmental Quality Financial Administration Division Cashier's Office, MC-214 12100 Park 35 Circle Austin, TX 78753

#### ePAY Electronic Payment: <a href="http://www.tceq.texas.gov/epay">http://www.tceq.texas.gov/epay</a>

When making the payment you must select Water Quality, and then select the fee category "General Permit Construction Storm Water Discharge NOI Application". You must include a copy of the payment voucher with your NOI. Your NOI will not be considered complete without the payment voucher.

#### INSTRUCTIONS FOR FILLING OUT THE NOI FORM

**Renewal of General Permit.** Dischargers holding active authorizations under the expired General Permit are required to submit a NOI to continue coverage. The existing permit number is required. If the permit number is not provided or has been terminated, expired, or denied a new permit number will be issued.

#### **1. Operator (Applicant)**

#### a) Enter assigned Customer Number (CN)

TCEQ's Central Registry will assign each customer a number that begins with CN, followed by nine digits. **This is not a permit number, registration number, or license number**. If this customer has not been assigned a CN, leave the space for the CN blank. If this customer has already been assigned this number, enter the permittee's CN.

#### b) Legal Name

Provide the current legal name of the permittee, as authorized to do business in Texas. The name must be provided exactly as filed with the Texas Secretary of State (SOS), or on other legal documents forming the entity, that is filed in the county where doing business. You may contact the SOS at 512/463-5555, for more information related to filing in Texas. If filed in the county where doing business, provide a copy of the legal documents showing the legal name.

#### c) Person Signing Application

Provide information about person signing section 5) Certification.

# d) Operator Contact's (Responsible Authority) Contact Information and Mailing Address

Provide a complete mailing address for receiving mail from the TCEQ. The address must be verifiable with the US Postal Service at <u>http://www.usps.com</u> for regular mail delivery (not overnight express mail). If you find that the address is not verifiable using the USPS web search, please indicate the address is used by the USPS for regular mail delivery.

The area code and phone number should provide contact to the operator. Leave Extension blank if not applicable.

The fax number and e-mail address are optional and should correspond to the operator.

#### e) Type of Customer (Entity Type)

Check only one box that identifies the type of entity. Use the descriptions below to identify the appropriate entity type. Note that the selected entity type also indicates the name that must be provided as an applicant for a permit, registration or authorization.

#### Sole Proprietorship – DBA

A sole proprietorship is a customer that is owned by only one person and has not been incorporated. This business may:

- be under the person's name
- have its own name (doing business as or d.b.a.)
- have any number of employees

If the customer is a Sole Proprietorship or DBA, the 'legal name' of the individual business 'owner' must be provided. The DBA name is not recognized as the 'legal name' of the entity. The DBA name may be used for the site name (regulated entity).

#### Individual

An individual is a customer who has not established a business, but conducts an activity that needs to be regulated by the TCEQ.

#### Partnership

- A customer that is established as a partnership as defined by the Texas Secretary of State Office (TX SOS). A Limited Partnership or Limited Liability Partnership (Partnership) is required to file with the Texas Secretary of State. A General Partnership or Joint Venture is not required to register with the state.
- **Partnership (Limited Partnership or Limited Liability Partnership):** A limited partnership is defined in the Act as a partnership formed by two or more persons under the provisions of Section 3 of the Uniform Limited Partnership Act (Art. 6132a, Revised Civil Statutes of Texas) and having as members one or more general partners and one or more limited partners. The limited partners as such are not bound by the obligations of the partnership. Limited partners may not take part in the day-to-day operations of the business. A Limited Partnership must file with the Texas Secretary of State. A registered limited liability partnership is a general or limited partnership that is registered with the Texas Secretary of State. The partnership's name must contain the words "Registered Limited Liability Partnership" or the abbreviation "L.L.P." as the last words or letters of its name.
- **General Partnership:** A general partner may or may not invest, participates in running the partnership and is liable for all acts and debts of the partnership and any member of it. A General Partnership does not have limited partners. For a General Partnership, there is no registration with the state or even written agreement necessary for a general partnership to be formed. The legal definition of a partnership is generally stated as "an association of two or more persons to carry on as co-owners a business for profit" (Revised Uniform Partnership Act § 101 [1994]).
- **Joint Venture:** A joint venture is but another name for a special partnership. It might be distinguished from a general partnership in that the latter is formed for the transaction of a general business, while a joint venture is usually limited to a single transaction. That is, a joint venture is a special combination of persons in the nature of a partnership engaged in the joint prosecution of a particular transaction for mutual benefit or profit.

#### Corporation

A customer meets all of these conditions:

- is a legally incorporated entity under the laws of any state or country
- is recognized as a corporation by the Texas Secretary of State

- has proper operating authority to operate in Texas.
- The corporation's 'legal name' as filed with the Texas Secretary of State must be provided as applicant. An 'assumed' name of a corporation is not recognized as the 'legal name' of the entity.

#### Government

Federal, state, county, or city government (as appropriate) The customer is either an agency of one of these levels of government or the governmental body itself. The government agency's 'legal name' must be provided as the applicant. A department name or other description of the organization should not be included as a part of the 'legal name' as applicant.

#### **Trust or Estate**

A trust and an estate are fiduciary relationships governing the trustee/executor with respect to the trust/estate property.

#### **Other Government**

A utility district, water district, tribal government, college district, council of governments, or river authority. Write in the specific type of government.

#### f) Independent Entity

Check No if this customer is a subsidiary, part of a larger company, or is a governmental entity. Otherwise, check Yes.

#### g) Number of Employees

Check one box to show the number of employees for this customer's entire company, at all locations. This is not necessarily the number of employees at the site named in the application.

#### h) Customer Business Tax and Filing Numbers

These are required for Corporations and Limited Partnerships. These are not required for Individuals, Government, and Sole Proprietors.

#### **State Franchise Tax ID Number**

Corporations and limited liability companies that operate in Texas are issued a franchise tax identification number. If this customer is a corporation or limited liability company, enter this number here.

#### Federal Tax ID

All businesses, except for some small sole proprietors, individuals, or general partnerships should have a federal taxpayer identification number (TIN). Enter this number here. Use no prefixes, dashes, or hyphens. Sole proprietors, individuals, or general partnerships do not need to provide a federal tax ID.

#### TX SOS Charter (filing) Number

Corporations and Limited Partnerships required to register with the Texas Secretary of State are issued a charter or filing number. You may obtain further information by calling SOS at 512/463-5555.

#### **DUNS Number**

Most businesses have a DUNS (Data Universal Numbering System) number issued by Dun and Bradstreet Corp. If this customer has one, enter it here.

#### 2. APPLICATION CONTACT

Provide the name, title and communication information of the person that TCEQ can contact for additional information regarding this application.

#### 3. REGULATED ENTITY (RE) INFORMATION ON PROJECT OR SITE

#### a) Regulated Entity Reference Number (RN)

A number issued by TCEQ's Central Registry to sites (a location where a regulated activity occurs) regulated by TCEQ. This is not a permit number, registration number, or license number. If this regulated entity has not been assigned an RN, leave this space blank.

If the site of your business is part of a larger business site, a Regulated Entity Number (RN) may already be assigned for the larger site. Use the RN assigned for the larger site. Search TCEQ's Central Registry to see if the larger site may already be registered as a regulated site at: <a href="http://www12.tceq.texas.gov/crpub/index.cfm?fuseaction=regent.RNSearch">http://www12.tceq.texas.gov/crpub/index.cfm?fuseaction=regent.RNSearch</a>

If the site is found, provide the assigned Regulated Entity Reference Number (RN) and provide the information for the site to be authorized through this application. The site information for this authorization may vary from the larger site information.

An example is a chemical plant where a unit is owned or operated by a separate corporation that is accessible by the same physical address of your unit or facility. Other examples include industrial parks identified by one common address but different corporations have control of defined areas within the site. In both cases, an RN would be assigned for the physical address location and the permitted sites would be identified separately under the same RN.

#### b) Site/Project Name/Regulated Entity

Provide the name of the site as known by the public in the area where the site is located. The name you provide on this application will be used in the TCEQ Central Registry as the Regulated Entity name.

#### c) Description of Activity Regulated

In your own words, briefly describe the primary business that you are doing that requires this authorization. Do not repeat the SIC Code description.

#### d) County

Identify the county or counties in which the regulated entity is located.

#### e) Latitude and Longitude

Enter the latitude and longitude of the site in degrees, minutes, and seconds or decimal form. For help obtaining the latitude and longitude, go to: http://www.tceq.texas.gov/gis/sqmaview.html or http://nationalmap.gov/ustopo

#### f) Site/Project (RE) Physical Address/Location Information

Enter the complete address for the site in Section A if the address can be validated through the US Postal Service. If the physical address is not recognized as a USPS delivery address, you may need to validate the address with your local police (911 service) or through an online map site used to locate a site. Please confirm this to be a complete and valid address. Do not use a rural route or post office box for a site location.

If a site does not have an address that includes a street (or house) number and street name, enter NO ADDRESS for the street name in Section A. In Section B provide a complete written location description. For example: "The site is located 2 miles west from intersection of Hwy 290 & IH35, located on the southwest corner of the Hwy 290 South bound lane." Provide the city (or nearest city) and zip code of the facility location.

#### 4. GENERAL CHARACTERISTICS

#### a) Indian Country Lands

If your site is located on Indian Country Lands, the TCEQ does not have authority to process your application. You must obtain authorization through EPA, Region 6, Dallas. Do not submit this form to TCEQ.

# b) Construction activity associated with facility associated with exploration, development, or production of oil, gas, or geothermal resources

If your activity is associated with oil and gas exploration, development, or production, you may be under jurisdiction of the Railroad Commission of Texas and may need to obtain authorization from EPA Region 6. For more information, see:

http://info.sos.state.tx.us/pls/pub/readtacSext.TacPage?sl=R&app=9&p\_dir=&p\_rloc=&p\_tlo c=&p\_ploc=&pg=1&p\_tac=&ti=16&pt=1&ch=3&rl=30

Construction activities associated with a facility related to oil, gas or geothermal resources may include the construction of a well site; treatment or storage facility; underground hydrocarbon or natural gas storage facility; reclamation plant; gas processing facility; compressor station; terminal facility where crude oil is stored prior to refining and at which refined products are stored solely for use at the facility; a carbon dioxide geologic storage facility; and a gathering, transmission, or distribution pipeline that will transport crude oil or natural gas, including natural gas liquids, prior to refining of such oil or the use of the natural gas in any manufacturing process or as a residential or industrial fuel.

Where required by federal law, discharges of stormwater associated with construction activities under the Railroad Commission's jurisdiction must be authorized by the EPA and the Railroad Commission of Texas, as applicable. Activities under Railroad Commission of Texas jurisdiction include construction of a facility that, when completed, would be associated with the exploration, development, or production of oil or gas or geothermal resources, such as a well site; treatment or storage facility; underground hydrocarbon or natural gas storage facility; reclamation plant; gas processing facility; compressor station; terminal facility where crude oil is stored prior to refining and at which refined products are stored solely for use at the facility; a carbon dioxide geologic storage facility under the jurisdiction of the Railroad Commission of Texas; and a gathering, transmission, or distribution pipeline that will transport crude oil or natural gas, including natural gas liquids, prior to refining of such oil or the use of the natural gas in any manufacturing process or as a residential or industrial fuel. The Railroad Commission of Texas also has jurisdiction over stormwater from land disturbance associated with a site survey that is conducted prior to construction of a facility that would be regulated by the Railroad Commission of Texas. Under 33 U.S.C. §1342(l)(2) and §1362(24), EPA cannot require a permit for discharges of stormwater from "field activities or operations associated with {oil and gas} exploration, production, processing, or treatment operations, or transmission facilities, including activities necessary to prepare a site for drilling and for the movement and placement of drilling equipment, whether or not such field activities or operations may be considered to be construction activities" unless the discharge is contaminated by contact with any overburden, raw material, intermediate product, finished product, byproduct, or waste product located on the site of the facility. Under §3.8 of this title (relating to Water Protection), the Railroad

Commission of Texas prohibits operators from causing or allowing pollution of surface or subsurface water. Operators are encouraged to implement and maintain best management practices (BMPs) to minimize discharges of pollutants, including sediment, in stormwater during construction activities to help ensure protection of surface water quality during storm events.

#### c) Primary Standard Industrial Classification (SIC) Code

Provide the SIC Code that best describes the construction activity being conducted at this site.

Common SIC Codes related to construction activities include:

- 1521 Construction of Single Family Homes
- 1522 Construction of Residential Bldgs. Other than Single Family Homes
- 1541 Construction of Industrial Bldgs. and Warehouses
- 1542 Construction of Non-residential Bldgs, other than Industrial Bldgs. and Warehouses
- 1611 Highway and Street Construction, except Highway Construction
- 1622 Bridge, Tunnel, and Elevated Highway Construction
- 1623 Water, Sewer, Pipeline and Communications, and Power Line Construction For help with SIC Codes, go to:

http://www.osha.gov/pls/imis/sicsearch.html

#### d) Secondary SIC Code

Secondary SIC Code(s) may be provided. Leave blank if not applicable. For help with SIC Codes, go to:

http://www.osha.gov/pls/imis/sicsearch.html

#### e) Total Number of Acres Disturbed

Provide the approximate number of acres that the construction site will disturb. Construction activities that disturb less than one acre, unless they are part of a larger common plan that disturbs more than one acre, do not require permit coverage. Construction activities that disturb between one and five acres, unless they are part of a common plan that disturbs more than five acres, do not require submission of an NOI. Therefore, the estimated area of land disturbed should not be less than five, unless the project is part of a larger common plan that disturbs five or more acres. Disturbed means any clearing, grading, excavating, or other similar activities.

If you have any questions about this item, please contact the stormwater technical staff by phone at (512)239-4671 or by email at swgp@tceq.texas.gov.

#### f) Common Plan of Development

Construction activities that disturb less than five acres do not require submission of an NOI unless they are part of a common plan of development or for sale where the area disturbed is five or more acres. Therefore, the estimated area of land disturbed should not be less than five, unless the project is part of a larger common plan that disturbs five or more acres. Disturbed means any clearing, grading, excavating, or other similar activities.

For more information on "What is a common plan of development?" go to: <a href="https://www.tceq.texas.gov/permitting/stormwater/common\_plan\_of\_development\_steps.html">www.tceq.texas.gov/permitting/stormwater/common\_plan\_of\_development\_steps.html</a>

For further information, go to the TCEQ stormwater construction webpage at: <a href="http://www.tceq.texas.gov/goto/construction">www.tceq.texas.gov/goto/construction</a> and search for "Additional Guidance and Quick Links". If

you have any further questions about this item, please call the stormwater technical staff at (512)239-4671.

#### g) Identify the water body(s) receiving stormwater runoff

The stormwater may be discharged directly to a receiving stream or through a MS4 from your site. It eventually reaches a receiving water body such as a local stream or lake, possibly via a drainage ditch. You must provide the name of the water body that receives the discharge from the site (a local stream or lake).

If your site has more than one outfall you need to include the name of the first water body for each outfall, if they are different.

#### h) Identify the segment number(s) of the classified water body(s)

Identify the classified segment number(s) receiving a discharge directly or indirectly. Go to the following link to find the segment number of the classified water body where stormwater will flow from the site: <a href="https://www.tceq.texas.gov/waterquality/monitoring/viewer.html">www.tceq.texas.gov/waterquality/monitoring/viewer.html</a>

You may also find the segment number in TCEQ publication GI-316: <u>www.tceq.texas.gov/publications/gi/gi-316</u>

If the discharge is into an unclassified receiving water and then crosses state lines prior to entering a classified segment, select the appropriate watershed:

- 0100 (Canadian River Basin)
- 0200 (Red River Basin)
- 0300 (Sulfur River Basin)
- 0400 (Cypress Creek Basin)
- 0500 (Sabine River Basin)

Call the Water Quality Assessments section at (512)239-4671 for further assistance.

#### i) Discharge into MS4 – Identify the MS4 Operator

The discharge may initially be into a municipal separate storm sewer system (MS4). If the stormwater discharge is into an MS4, provide the name of the entity that operates the MS4 where the stormwater discharges. An MS4 operator is often a city, town, county, or utility district, but possibly can be another form of government. Please note that the Construction General Permit requires the Operator to supply the MS4 with a copy of the NOI submitted to TCEQ. For assistance, you may call the technical staff at (512)239-4671.

# j) Surface Water bodies on list of impaired waters – Identify the impaired water body(s)

Indicate Yes or No if any surface water bodies receiving discharges from the construction site are on the latest EPA-approved CWA 303(d) List of impaired waters. Provide the name(s) of surface water bodies receiving discharges or potential discharges from the construction site that are on the latest EPA-approved CWA 303(d) List of impaired waters. The EPA-approved CWA 303(d) List of impaired waters. The EPA-approved CWA 303(d) List of impaired waters in Texas can be found at:

www.tceq.texas.gov/waterquality/assessment/305\_303.html

NOTE: Do not use any "draft" documents.
### k) Discharges to the Edwards Aquifer Recharge Zone and Certification

See maps on the TCEQ website to determine if the site is located within the Recharge Zone, Contributing Zone, or Contributing Zone within the Transition Zone of the Edwards Aquifer at: <a href="https://www.tceq.texas.gov/field/eapp/viewer.html">www.tceq.texas.gov/field/eapp/viewer.html</a>

If the discharge or potential discharge is within the Recharge Zone, Contributing Zone, or Contributing Zone within the Transition Zone of the Edwards Aquifer, a site specific authorization approved by the Executive Director under the Edwards Aquifer Protection Program (30 TAC Chapter 213) is required before construction can begin. The certification must be answered "Yes" for coverage under the Construction General Permit. The TCEQ approved plan must be readily available for TCEQ staff to review at the time that the NOI is submitted.

The general permit requires the approved Contributing Zone Plan or Water Pollution Abatement Plan to be included or referenced as a part of the Stormwater Pollution Prevention Plan.

For questions regarding the Edwards Aquifer Protection Program, contact the appropriate TCEQ Regional Office. For projects in Hays, Travis and Williamson Counties: Austin Regional Office, 12100 Park 35 Circle, Austin, TX 78753, 512-339-2929. For Projects in Bexar, Comal, Kinney, Medina and Uvalde Counties: TCEQ San Antonio Regional Office, 14250 Judson Rd., San Antonio, TX 78233-4480, 210-490-3096.

### 5. CERTIFICATIONS

Failure to indicate **Yes** to ALL of the certification items may result in denial of coverage under the general permit.

### a) Certification of Understanding the Terms and Conditions of Construction General Permit (TXR150000)

Provisional coverage under the Construction General Permit (TXR150000) begins 7 days after the completed paper NOI is postmarked for delivery to the TCEQ. (Electronic applications submitted through ePermits have immediate provisional coverage). You must obtain a copy and read the Construction General Permit before submitting your application. You may view and print the Construction General Permit for which you are seeking coverage at the TCEQ web site: <u>www.tceq.texas.gov/goto/construction</u>

### b) Certification of Legal Name

The full legal name of the applicant as authorized to do business in Texas is required. The name must be provided exactly as filed with the Texas Secretary of State (SOS), or on other legal documents forming the entity, that is filed in the county where doing business. You may contact the SOS at (512)463 5555, for more information related to filing in Texas.

### c) Understanding of Notice of Termination

A permittee shall terminate coverage under this Construction General Permit through the submittal of a NOT when the operator of the facility changes, final stabilization has been reached, the discharge becomes authorized under an individual permit, or the construction activity never began at this site.

### d) Certification of Stormwater Pollution Prevention Plan

The SWP3 identifies the areas and activities that could produce contaminated runoff at your site and then tells how you will ensure that this contamination is mitigated. For example, in describing your mitigation measures, your site's plan might identify the devices that collect and filter stormwater, tell how those devices are to be maintained, and tell how frequently that maintenance is to be carried out. You must develop this plan in accordance with the TCEQ general permit requirements. This plan must be developed and implemented before you complete this NOI. The SWP3 must be available for a TCEQ investigator to review on request.

### **Operator Certification:**

The certification must bear an original signature of a person meeting the signatory requirements specified under 30 Texas Administrative Code (TAC) §305.44.

### IF YOU ARE A CORPORATION:

The regulation that controls who may sign an NOI or similar form is 30 Texas Administrative Code §305.44(a)(1) (see below). According to this code provision, any corporate representative may sign an NOI or similar form so long as the authority to sign such a document has been delegated to that person in accordance with corporate procedures. By signing the NOI or similar form, you are certifying that such authority has been delegated to you. The TCEQ may request documentation evidencing such authority.

### IF YOU ARE A MUNICIPALITY OR OTHER GOVERNMENT ENTITY:

The regulation that controls who may sign an NOI or similar form is 30 Texas Administrative Code §305.44(a)(3) (see below). According to this code provision, only a ranking elected official or principal executive officer may sign an NOI or similar form. Persons such as the City Mayor or County Commissioner will be considered ranking elected officials. In order to identify the principal executive officer of your government entity, it may be beneficial to consult your city charter, county or city ordinances, or the Texas statute(s) under which your government entity was formed. An NOI or similar document that is signed by a government official who is not a ranking elected official or principal executive officer does not conform to §305.44(a)(3). The signatory requirement may not be delegated to a government representative other than those identified in the regulation. By signing the NOI or similar form, you are certifying that you are either a ranking elected official or principal executive officer as required by the administrative code. Documentation demonstrating your position as a ranking elected official or principal executive officer as required by the administrative code. Documentation demonstrating your position as a ranking elected official or principal executive officer as required by the administrative code. Documentation demonstrating your position as a ranking elected official or principal executive officer as required by the administrative code. Documentation demonstrating your position as a ranking elected official or principal executive officer as required by the administrative code. Documentation demonstrating your position as a ranking elected official or principal executive officer as required by the administrative code.

If you have any questions or need additional information concerning the signatory requirements discussed above, please contact the Texas Commission on Environmental Quality's Environmental Law Division at (512)239-0600.

### 30 Texas Administrative Code

### §305.44. Signatories to Applications

(a) All applications shall be signed as follows.

(1) For a corporation, the application shall be signed by a responsible corporate officer. For purposes of this paragraph, a responsible corporate officer means a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation; or the manager of one or more manufacturing, production, or operating facilities employing more than 250 persons or having gross annual sales or expenditures exceeding \$25 million (in second-quarter 1980 dollars), if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures. Corporate procedures governing authority to sign permit or post-closure order applications may provide for assignment or delegation to applicable corporate positions rather than to specific individuals.

(2) For a partnership or sole proprietorship, the application shall be signed by a general partner or the proprietor, respectively.

(3) For a municipality, state, federal, or other public agency, the application shall be signed by either a principal executive officer or a ranking elected official. For purposes of this paragraph, a principal executive officer of a federal agency includes the chief executive officer of the agency, or a senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., regional administrator of the EPA).

### Texas Commission on Environmental Quality General Permit Payment Submittal Form

### Use this form to submit your Application Fee only if you are mailing your payment.

- Complete items 1 through 5 below:
- Staple your check in the space provided at the bottom of this document.
- Do not mail this form with your NOI form.
- Do not mail this form to the same address as your NOI.

### Mail this form and your check to:

BY REGULAR U.S. MAIL	BY OVERNIGHT/EXPRESS MAIL
Texas Commission on Environmental	Texas Commission on Environmental
Quality	Quality
Financial Administration Division	Financial Administration Division
Cashier's Office, MC-214	Cashier's Office, MC-214
P.O. Box 13088	12100 Park 35 Circle
Austin, TX 78711-3088	Austin, TX 78753

### Fee Code: GPA

General Permit:

TXR150000

- 1. Check / Money Order No:
- 2. Amount of Check/Money Order: \_\_\_\_\_
- 3. Date of Check or Money Order: \_\_\_\_\_
- 4. Name on Check or Money Order: \_\_\_\_\_
- 5. NOI INFORMATION

If the check is for more than one NOI, list each Project/Site (RE) Name and Physical Address exactly as provided on the NOI. DO NOT SUBMIT A COPY OF THE NOI WITH THIS FORM AS IT COULD CAUSE DUPLICATE PERMIT ENTRIES.

See Attached List of Sites (If more space is needed, you may attach a list.)

Project/Site (RE) Name:\_\_\_\_\_

Project/Site (RE) Physical Address:

### Staple Check in This Space

# AGENT AUTHORIZATION FORM

### Agent Authorization Form

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

	Thomas Best	
I	Print Name	,
	Owner	,
	litle - Owner/President/Other	
of	Volente MCS Holdings LLC Corporation/Partnership/Entity Name	,
have authorized	Jason Rodgers, PE	
	Print Name of Agent/Engineer	
of	Bleyl Engineering	
	Print Name of Firm	

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

I also understand that:

- 1. The applicant is responsible for compliance with 30 Texas Administrative Code Chapter 213 and any condition of the TCEQ's approval letter. The TCEQ is authorized to assess administrative penalties of up to \$10,000 per day per violation.
- 2. For those submitting an application who are not the property owner, but who have the right to control and possess the property, additional authorization is required from the owner.
- 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.

Applicant's Signature

THE STATE OF Texas §

County of Williamson §

BEFORE ME, the undersigned authority, on this day personally appeared <u>Thomas Best</u> 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 10 day of October , 2023.

NOTARY PUBLIC

Tricia Ferraro Typed or Printed Name of Notary

MY COMMISSION EXPIRES: 03/30/2026



# **APPLICATION FEE FORM**

# **Application Fee Form**

Texas Commission on Environn Name of Proposed Regulated En Regulated Entity Location: <u>1840</u> Name of Customer: Thomas Be Contact Person: <u>Jason K. Rodge</u> Customer Reference Number (in Regulated Entity Reference Nur Austin Regional Office (3373)	nental Quality ntity: <u>MCS Project</u> <u>Little Elm Trail</u> est rs, P.E. Phone f issued):CN nber (if issued):RN	e: <u>512-454-2400</u>	
Havs	Travis	🖂 Wil	liamson
San Antonio Regional Office (33	362)		
Bexar Comal	Medina	Uva	lde
Application fees must be paid b	y check, certified check, or	r money order, payable	e to the <b>Texas</b>
Commission on Environmental	Quality. Your canceled ch	neck will serve as your	receipt. This
form must be submitted with y	our fee payment. This pa	yment is being submit	ted to:
🔀 Austin Regional Office	Sa	n Antonio Regional Of	fice
Mailed to: TCEQ - Cashier	Ov	vernight Delivery to: T	CEQ - Cashier
Revenues Section	12	100 Park 35 Circle	
Mail Code 214	Bu	uilding A, 3rd Floor	
P.O. Box 13088	Au	ustin, TX 78753	
Austin, TX 78711-3088	(5)	12)239-0357	
Site Location (Check All That A	oply):		
Recharge Zone	Contributing Zone	Transiti	ion Zone
Type of I	Plan	Size	Fee Due
Water Pollution Abatement Pla	an, Contributing Zone		
Plan: One Single Family Reside	ntial Dwelling	Acres	\$
Water Pollution Abatement Pla	an, Contributing Zone		
Plan: Multiple Single Family Re	sidential and Parks	Acres	\$
Water Pollution Abatement Pla	an, Contributing Zone		
Plan: Non-residential		4.29 Acres	\$ 4,000.00
Sewage Collection System		L.F.	\$
Lift Stations without sewer line	es	Acres	\$
Underground or Aboveground	Storage Tank Facility	Tanks	\$
Piping System(s)(only)		Each	\$
Exception		Each	\$
Extension of Time		Each	\$
	Signat	goog-	

Signature: \_\_\_\_\_

### **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 Area in	
Project	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,	< 1	\$3,000
institutional, multi-family residential, schools, and	1 < 5	\$4,000
other sites where regulated activities will occur)	5 < 10	\$5,000
	10 < 40	\$6,500
	40 < 100	\$8,000
	≥ 100	\$10,000

### **Organized Sewage Collection Systems and Modifications**

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

## Underground and Aboveground Storage Tank System Facility Plans and Modifications

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

### **Exception Requests**

Project	Fee
Exception Request	\$500

### Extension of Time Requests

Project	Fee
Extension of Time Request	\$150

# **CORE DATA FORM**



## **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**

SECTION	1. 001	iciai miori	uation									
1. Reason for Submission (If other is checked please describe in space provided.)												
Renewal (Core Data Form should be submitted with the renewal form)							)		Other			
2. Custome	2. Customer Reference Number (if issued)			Follo	ow this lin	nk to se	arch	3. Re	gulated	Entity Referenc	e Number (	if issued)
CN	CN			for C	CN or RN Central R	numbe egistry*	rs in *	RN				
SECTION	II: Cu	stomer Info	ormation									
4. General Customer Information 5. Effective Date for Customer In				r Inforr	natio	n Updat	es (mm/dd/yyyy)					
New Cus	tomer 1 Legal Na	me (Verifiable wit	h the Texas S	Updat Secreta	e to Cus ary of St	stomer tate or	Inform Texas	ation Comp	troller of	Change in Public Accounts)	Regulated E	Entity Ownership
The Custo	mer Nai	ne submitted	here may	be up	dated	auto	matic	ally	based	on what is cu	rrent and	active with the
Texas Sec	retary o	f State (SOS)	or Texas C	omp	troller	of Pu	ublic /	4000	ounts (	CPA).		
6. Customer	Legal Na	me (If an individua	l, print last nam	e first:	eg: Doe,	John)		<u>If</u>	new Cu	stomer, enter prev	ious Custom	er below:
Volente M	Volente MCS Holdings LLC											
7. TX SOS/C	PA Filing	Number	8. TX State	Tax II	D (11 digi	ts)		9. Federal Tax ID (9 digits) 10. DUNS Number (if a			S Number (if applicable)	
80407	055	0	32070	9285378				86-3	3978092	1	VA	
11. Type of (	Customer	: 🛛 Corporati	on	🔲 Individual			Partnership:  General Limited					
Government:	City 🗆	County 🔲 Federal	] State 🗌 Othe	r		Sole P	roprieto	torship Other:				
12. Number	of Employ 21-100	/ees	251-500		] 501 ar	nd high	er	13. Independently Owned and Operated? ⊠ Yes □ No				
14. Custome	r Role (Pr	oposed or Actual) -	as it relates to	the Re	egulated	Entity li	sted on	this fo	rm. Plea	se check one of the	following	
Owner	Owner       Operator       Owner & Operator         Occupational Licensee       Responsible Party       Voluntary Cleanup Applicant       Other:											
	13200 Pond Springs Rd #Ste A106											
15. Mailing Address:												
City Austin S			State	TX		ZIP	7872	29	ZIP + 4			
16. Country	Mailing In	formation (if outsi	de USA)				17. E	7. E-Mail Address (if applicable)				
c				cam	amaro@mcsaustin.com							
18. Telephor	ne Numbe	r		19. E	Extensio	on or (	Code	20. Fax Number (if applicable)			ole)	
( 512 ) 84	4-8498	( 512 ) 844-8498						( ) -				

### **SECTION III: Regulated Entity Information**

21. General Regulated En	tity Information (If 'New Regulated Entity	" is selected below this form should be accompanied by a permit application)				
New Regulated Entity	Update to Regulated Entity Name	Update to Regulated Entity Information				
The Regulated Entity Name submitted may be updated in order to meet TCEQ Agency Data Standards (removal of organizational endings such as Inc, LP, or LLC).						

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

MCS Project

23. Street Address of the Regulated Entity: (No PO Boxes) City Cedar Park State TX ZIP 78613 ZIP + 4 24. County Williamson Enter Physical Location Description if no street address is provided. 25. Description to Physical Location: 1840 Little Elm Trail 26. Nearest City TX 78613 27. Latitude (N) In Decimal: 30.488186 Cedar Park 78. Seconds Cedar Park 78. State Nearest Z Cedar Park 78. State Nearest Z 78. Longitude (W) In Decimal: -97.824516 Degrees Minutes Seconds Cogrees Minutes Seconds 79. Primary SIC Code (4 digits) 30. Secondary SIC Code (4 digits) 31. Primary NAICS Code (5 or 6 digits) 1541 4442 33. What is the Primary Business of this entity? (Do not meet the SiC or MAICS description.) outdoor living services, including retail sales and mosquito control 34. Mailing Address: City Round Rock State TX ZIP 78731 ZIP + 4 35. E-Mail Address: City Round Rock State TX ZIP 78731 ZIP + 4 36. Telephone Number 37. Extension or Code 38. Fax Number (if applicable (512) 844-8498 () Districts Ø Edwards Aquifer Emissions Inventory Air   Industrial Haza Dam Safety   Districts Ø Edwards Aquifer Emissions Inventory Air   Industrial Haza 14. Mailing Municipal Solid Waste   New Source Review Air   OSSF   Petroleum Storage Tank   PWS Studge   Storm Water   Title V Air   Tires   Used Oil Voluntary Cleanup   Waste Water   Wastewater Agriculture   Water Rights   Other:		1840	Little Elm Tra	nil			71		
INP PD Boxes       City       Cedar Park       State       TX       ZIP       78613       ZIP + 4         24. County       Williamson       Enter Physical Location Description if no street address is provided.       1840       1840 Little EIm Trail         25. Description to Physical Location:       1840 Little EIm Trail       1840 Little EIm Trail       1840 Little EIm Trail         26. Nearest City       State       Nearest Z       TX       78613         27. Latitude (N) In Decimal:       30.488186       28. Longitude (W) In Decimal:       -97.824516         Degrees       Minutes       Seconds       Degrees       Minutes       Seconds         30       2.9       17.5       97       4.9       Secondary NAICS Code (4 digits)       30. Secondary SIC Code (4 digits)       31. Primary NAICS Code (5 or 6 digits)       (5 or 6 digits)       1541       4442       4442       33. What is the Primary Business of this entity?       (Do not repeat the SIC or NAICS description.)       0utdoor living services, including retail sales and mosquito control       Same as item 23       -	23. Street Address of the Regulated Entity:								
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Address:       City       Round Rock       State       TX       ZIP       78731       ZIP + 4         35. E-Mail Address:       camaro@mcsaustin.com         36. Telephone Number       37. Extension or Code       38. Fax Number (if applicable         (512) 844-8498       (       )       -         TCEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates submin. See the Core Data Form instructions for additional guidance.       Image: Comparison of Code       Image: Comparison of Code         Dam Safety       Districts       Edwards Aquifer       Emissions Inventory Air       Industrial Haza         Municipal Solid Waste       New Source Review Air       OSSF       Petroleum Storage Tank       PWS         Sludge       Storm Water       Title V Air       Tires       Used Oil         Voluntary Cleanup       Waste Water       Wastewater Agriculture       Water Rights       Other:	34. Mailing								
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Dam Safety       Districts       Edwards Aquifer       Emissions Inventory Air       Industrial Haza         Municipal Solid Waste       New Source Review Air       OSSF       Petroleum Storage Tank       PWS         Sludge       Storm Water       Title V Air       Tires       Used Oil         Voluntary Cleanup       Waste Water       Wastewater Agriculture       Water Rights       Other:	TCEQ Programs and ID	Number	s Check all Program	is and write in the pe	ermits/registra	ation number	s that will be affected	d by the updates	s submitted on this
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Municipal Solid Waste       New Source Review Air       OSSF       Petroleum Storage Tank       PWS         Sludge       Storm Water       Title V Air       Tires       Used Oil         Voluntary Cleanup       Waste Water       Wastewater Agriculture       Water Rights       Other:		0.00		Editardo Ad					
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	Voluntary Cleanup		Wastewater Agriculture		Water	Rights	Other:		
SCTION IV: Preparer Information	ECTION IV: Pre	parer	Information	<u>l</u>		1			
D. Jason Rodgers 41. Title: Assistant Regional Manager	). ame: Jason Rodge	rs			41. Title:	Assi	stant Regiona	l Manager	

42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
(512)454-2400		( ) -	jrodgers@bleylengineering.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:	Bleyl Engineering	Job Title:	Assistant Regional M	anager
Name (In Print):	Jason Rodgers		Phone:	( 512 ) 454- 2400
Signature:	Clorix-		Date:	10-10-2023
Signature.	Qooz		Date:	10-10-202

			ISIONS/CO	orrec	tions					
۱o.	Description		Revise (R) Add (A) Void (V) Sheet No's	Total # Sheets in Plan Set	Net Change Imp. Cover (sq. ft.)	Total Site Imp. Cover (sq. ft.)/ [%]	City of Cedar Park Approval/Date	Date Imaged		Site
_										
	Owner:	Site Develops Volente MCS Hole Contact Person: E 13200 Pond Sprin Austin, TX 78729 Phone: 512-844-8	ment Data MCS dings LLC Enrique Amaro gs Rd Suite A 106	<u>Facility</u>						
	Engineer:	Bleyl Engineering Contact Person: J 7701 San Felipe, S Austin, Texas 787 Phone: (512) 454-	ncsaustin.com g ason Rogers Suite 200 29 -2400							
	Surveyor:	Email: jrodgers@ Eagle Eye Constru Contact Person: C 1807 S. US Hwy 18 Leander, TX 7864	bleylengineering.con uction Layout Charles M. Benson 33 1	m						
	Legal Description:	Phone: 512-528-5 Email: eagle@ee Portion of Lot 1, S 4.293 Acres	308 cl.us SWECO Industrial Trad	ct, (Doc. No	. 1981007534)					Projector tot
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his pp at d	Limits of Construction: Zoning: s project is located within ber Brushy Creek Watersh terway that is within the lin ed December 20, 2019 for wards Aquifer Note Thi htractor is responsible for olving 5 acres or more of o	3.565 Acres GB the Upper Brush ed. No portion of nits of study of t r Williamson Co s project is loca filing all necessa disturbed area of owner both mus	hy Creek Watersh of this tract is with he Federal Flood unty. ted within the Edu ary forms with the or part of a larger of st file a Notice of	ned. All sta nin the bo I Insuranc wards Aqu wards Aqu e Environr developm Intent.	orm flows fro undaries of f e Administra uifer Contrib nental Prote ent which w	om this site wi the 100 year fl ation FIRM par uting Zone. ection Agency ill eventually c	Il be directed ood plain of a nel # 48491C0 for all projects isturb 5 acres	to the iny 2605F,		ura
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Additional Notes:

Address identification: New and existing buildings shall be provided with approved address identification. The address numbers need to be facing outward toward the fronting street. Numbers should be at the highest point in a contrasting color from the building.

# Development Plans For MCS Project

1840 Little Elm Trail Cedar Park, TX. 78613

# **2023-24-SD** Submittal Date: <u>09/18/2023</u>

Description: This project consists of the construction of 1 Building for a of 20,084 sq. ft. (GSF) on a 4.293 acre site with associated parking, age and utility improvements. The proposed impervious cover is 39%.



Project Location Map N.T.S.

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TCEQ, Edwards Aquifer Prot

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SWECO INDUSTRIAL TRACT STATE OF TEXAS: COUNTY OF TRAVIS KNOW ALL MEN BY THESE PRESENTS: THAT, THOMAS E. NELSON, JR., OWNER OF THAT CERTAIN TRACT OF LAND OUT OF AND A PART OF THE RICHARD DUTY SURVEY ABTRACT 183, SITUATED IN WILLIAMSON COUNTY, TEXAS, CONVEYED IN VOLUME 226, PAGE 619 OF THE WILLIAMSON COUNTY, TEXAS DEED RECORDS, DO HEREBY SUBDIVIDE 40.0 ACRES OF LAND IN ACCORDANCE WITH THE PLAT SHOWN HEREON SUBJECT TO ANY EASEMENTS OF RESTRIC-TIONS HERETOFORE GRANTED TO BE KNOWN AS "SWECO INDUSTRIAL TRACT" AND DO HEREBY DEDICATE TO THE PUBLIC THE USE OF THE STREETS AND EASEMENTS AS SHOWN HEREON. WITNESS MY HAND THIS THE 16th DAY OF NOVEMBER , 1981, A.D. THOMAS E. NELSON, JR. 1552 AMERICAN BANK TOWER AUSTIN, TEXAS 78701 STATE OF TEXAS: COUNTY OF TRAVIS: NG INSTRUMENT AND HE BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED THOMAS E. NELSON, JR., KNOWN TO ME THE PERSON WHOSE NAM ACKNOWLEDGED TO ME THAT HE EXECUTED THE SAME FOR THE PURPOSES AND CONSIDERATION THERIN EXPRESSED. ()GIVEN UNDER MY HAND THIS THE 16th DAY OF NOVEMBER , 1981, A.D. STEVE BRYSON 4806 NORTH IH 35 , LL Rd. AUSTIN, TEXAS 78751 Y COMMISSION EXPIRES 2-4-85 APPROVED THIS THE 24 DAY OF Marcan Sec., 1981, A.D., BY THE CITY PLANNING AND ZONING COMMISSIONS OF CHAIRMAN Ling & Doule , 1981, A.D., AND AUTHORIZED TO BE FILED FOR RECORD ATTEST: Mancy In. Faulkner Jumas MAYOR, Pro-TEM lente | 3200 FIELD NOTES BEING ALL THAT CERTAIN TRACT OF PARCEL OF LAND OUT OF AND A PART OF THE RICHARD DUTY SURVEY ABSTRACT 183, SITUATED IN WILLIAMSON COUNTY, TEXAS, MORE PARTICULARLY DESCRIBED AS BEING OUT OF AND A PART OF A 259.29 ACRE TRACT, BEING A PORTION OF THAT CERTAIN TRACT CONVEYED TO T.E. NELSON, JR., IN VOLUME 226, PAGE 619 OF THE WELLIAMSON COUNTY, TEXAS DEED RECORDS, SAID TRACT BEING 40.0 ACRES OF LAND MORE FULLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS: CBUTTERCUP CREEK RD.) BEGINNING at an iron stake in the westerly line of said 259.29 acre tract, same being the easterly line of C.R. No. 182, from which the northeast corner of the Richard Duty Survey Abtract 183 bears N 12 59'09"E, 5527.44 feet, for the northwest corner of the herein described tract, THENCE, along the northerly line of the herein described tract, the following four (4) courses and distances, numbered 1 through 4, 1. S 69 52'10"E, 705.12 feet to an iron stake found, . S 57 13'E, 35.16 feet to an iron stake found, 3. S 64 44'E, 31.31 feet to an iron stake found, 4. N 74 31'50"E, 112.46 feet to an iron stake found in the easterly line of a tract of land described in a deed to Dr. H.O. Poole in Volume 432, Page 689 of the Williamson County, Texas Deed Records, for the northeast corner of the herein described tract, THENCE, along the westerly line of said Poole tract, S 19 39'45"E, 806.69 feet to an iron stake found for an angle point and S 19 31'50"E, 859.85 feet to an iron stake set for the southeast corner of the herein described tract. (BUTTERCUP CREEK RD)/ THENCE, N 69 51'50'W, 1927.20 feet to an iron stake in the easterly line of said C.R. 182, for the southwest corner of the herein described tract GUTTERCUP CREEK RD) THENCE, N 20 08'E, along the easterly line of C.R. No. 182, 1226.66 feet to the PLACE OF BEGINNING, containing 40.0 Acres of Land. STATE OF TEXAS: COUNTY OF TRAVIS RNER MONUMENTS SHOWN HEREON WERE PROPERLY PLACED I. WILEY E. MARX. DO HEREBY CERTIFY. F PREPARED THIS PLAT FROM AN ACTUAL AND ACCURATE A UNDER MY PERSONAL SUPERVISION, IN ACCORDANCE WITH FISION REGULATIONS OF THE CITY OF CEDAR FARK ENGINEERING BY: Thomas W. Carlos DATE 11/17/8/ DATE ////7/8/ SURVEYED BY: L CARLSON & DIPPEL, INC. CARLSON, DIPPEL & MARX SURVEYING C 4806 NORTH INTERREGIONAL HIGHWAY 4806 NORTH INTERREGIONAL HIGHWAY AUSTIN, TEXAS 78751 AUSTIN. TEXAS 78751 THE UNITED STATES POST OFFICE IN THE CITY TEXAS, HEREBY APPROVES THE STREETS DEDICATED T THIS SUBDIVISION HAS BEEN APPROVED BY THE WILLIAMSON COUNTY HEALTH OFFICE FOR 1 LOT WHICH WILL BE SERVED BY AN INDEPENDENT WASTE BY: Grom Green date <u>11 - 30 - 81</u> IN APPROVING THIS PLAT BY THE COMMISSIONERS COURT OF WILDIAMSON COUNTY, TEXAS IT IS UNDERSTOOD THAT THE BUILDING OF ALL STREETS, ROADS OR OTHER PUBLIC THOROUGHFARES DESIGNATED AND SHOWN ON THIS PLAT, AND ALL BRIDGES AND CULVERTS NECESSARY TO BE PLACED IN SUCH STREETS, ROADS, OR OTHER PUBLIC THOROUGHFARES OR IN CONNECTION THEREWITH, SHALL BE THE RESPONSIBILITY OF THE OWNER OR DEVELOPER OF THE TRACT OF LAND COVERED BY THIS PLAT IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS PRESCRIBED BY THE COMMISSIONERS COURT OF WILLIAMSON COUNTY, TEXAS AND SAID COMMISSIONERS COURT ASSUMES NO RESPONSIBILITY OR OBLIGATION TO BUILD OR MAINTAIN ANY STREETS, ROADS, OR OTHER PUBLIC THOROUGHFARES SHOWN ON THIS PLAT, OR OF CONSTRUCTING OR MAINTAINING ANY CULVERTS, BRIDGES, ETC., IN CONNECTION THEREWITH. IT IS FURTHER UNDERSTOOD THAT UPON COMPLETION OF THE AFORESAID ØBLIGATIONS OF THE DEVELOPER AND 80% OCCUPANCY OF THE LOTS ALONG THE ROADWAYS AND STREETS IN THE SUBDIVISION HAS BEEN ACHIEVED, AND ALL DRIVEWAY DRAIN PIPES HAVE BEEN INSTALLED ON WRITTEN PERMISSION FROM THE COUNTY COMMISSIONER, THE COMMISSIONERS COURT ASSUMES FULL RESPONSIBILITY FOR MAINTENANCE OF SAID STREETS, ROADS AND DRAINAGE FACILITIES. STATE OF TEXAS: COUNTY OF WILLIAMSON: I, C.L. CHANCE, COUNTY JUDGE OF WILLIAMSON COUNTY, TEXAS, DO HEREBY CERTIFY THAT THIS MAP OR PLAT, WITH FIELD NOTES HEREON, THAT "SWECO INDUSTRIAL TRACT" A SUBDIVISION HAS BEEN FULLY PRESENTED TO THE COMMISSIONERS COURT OF WILLIAMSON COUNTY, TEXAS, AND BY THE SAID COURT DULY CONSIDERED, WAS ON THIS DAY APPROVED, AND SAID PLAT IS AUTHORIZED TO BE REGISTERED AND RECORDED IN THE PROPER RECORDS OF THE COUNTY CLERK OF WILLIAMSON COUNTY, TEXAS. Subdivision Plat STATE OF TEXAS: oject COUNTY OF WILLIAMSON: COUNTY OF WILLIAMSON: KNOWN ALL MEN BY THESE PRESENTS: THAT, I, JAMES N. BOYDSTON, CLERK OF THE COUNTY COURT OF SAID COUNTY, DO HEREBY CERTIFY THAT THE FOREGOING INSTRUMENT OF WRITING, WITH ITS CERTIFICATE OF AUTHENTICATION WAS FILED FOR RECORD IN MY OFFICE ON THE 14 day OF 1981, A.D., AT 2:45 O'CLOCK M., AND DULY RECORDED THIS THE 4 day OF 1981, A.D., AT 2:50 O'CLOCK M., IN THE PLAT RECORDS OF SAID COUNTY, IN CABINET E, SLIDES 61-62. WITNESS MY HAND AND SEAL OF THE COUNTY COURT OF SAID COUNTY, AT MY OFFICE IN GEORGETOWN, TEXAS, THE DATE LAST SHOWN ABOVE WRITTEN JAMES N. Baydston Darbase Shuffeel T WILLTAMSON COUNTY, TEXAS S MS PAGE 2 of 2 Legal Description Portion of Lot 1, SWECO, Industrial Tract, (Doc. No. Benchmarks 1981007534) BM #100 - "X" Scribed on the Top of Curb set along the Easterly side of the center median. Northing = 10150544.02The location of all existing utilities shown on these plans has been based upon record information only and may not Easting = 3086679.18 match locations as constructed. The contractor shall contact Texas 811 for assistance in determining existing utility Design: JR, KR Elevation = 939.07 locations prior to beginning construction. Contractor shall field verify locations of utility crossings prior to beginning construction. CAD: JW, KR Review: JR BM #101 - "X" Scribed on the Top of Curb set along Project No: MCS 70398 the Easterly side of the center median. Release of this application does not constitute a verification of all data, information and calculations supplied by the Northing = 10150084.78 Sheet: applicant. The engineer of record is solely responsible for the completeness, accuracy and adequacy of his/her Easting = 3086399.083 submittal, whether or not the application is reviewed for Code compliance by City engineers. 2023-24-SE Elevation = 928.87

### General Notes:

1.	General Contractor shall call for all utility locates prior to any construction. Contractor shall delineate areas
	of excavation using white paint (white lining) in accordance with 16 TAC 18.3. Water & wastewater owned
	by the City of Cedar Park can be located by calling Texas 811 at 1-800-344-8377. Allow three business
	days for utility locates by the City of Cedar Park.
2.	All construction shall be in accordance with the latest City of Austin Standard Specifications. City of Austin
	standards shall be used unless otherwise noted.
3.	Design procedures shall be in general compliance with the City of Austin Drainage Criteria Manual. All variances to the manual are listed below: NONE
4	Valiances to the manual are instead below. NONE
4.	plane coordinates. A list of the City's benchmarks can be found at:
	http://www.cedarparktexas.gov/index.aspx?page=793.
	BM #100 - "X" Scribed on the Top of Curb set along the Easterly side of the center median.
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BM #101 - "X" Scribed on the Top of Curb set along the Easterly side of the center median.

Northing = 10150084.78

Easting = 3086399.083

- Elevation = 928.87
- Prior to issuance of a certificate of occupancy for a site development permit, the right of way between the property line and edge of pavement / back of curb shall be revegetated according to COA specification 602S and 606S. Prior to City acceptance of subdivision improvements all graded and disturbed areas shall be re-vegetated in accordance with the City of Austin Specification Item #604 native seeding unless nonnative is specifically approved.
- The Contractor shall provide the City of Cedar Park copies of all test results prior to acceptance of subdivision improvements.
- City, owner, engineer, contractor, representatives of all utility companies, and a representative from the testing lab shall attend pre-construction conference prior to start of construction. The contractor shall schedule the meeting with the City of Cedar Park Engineering Department a minimum of 48 hours prior to this pre-construction meeting (512-401-5000). Final construction plans shall be delivered to Engineering a minimum of seven business days prior to requesting a pre-construction meeting.
- Excess soil shall be removed at the contractor's expense. Notify the City of Cedar Park if the disposal site is inside the City's jurisdictional boundaries.
- Burning is prohibited.
- 10. Any changes or revisions to these plans must first be submitted to the City by the design engineer for review and written approval prior to construction of the revision. All changes and revisions made to the design of utilities or impacts utilities shall use revision clouds to highlight all revisions or changes with each submittal. Revision triangles shall be used to mark revisions. All clouds and triangle markers from previous revisions may be removed. Revision information shall be updated in the appropriate areas of the Title Block.
- Minimum setback requirements for existing and newly planted trees from the edge of pavement to conform to the requirements as shown in Table 6-1 of the City of Austin's Transportation Criteria Manual. 12. The Contractor will reimburse the City for all cost incurred as a result of any damage to any City utility or
- any infrastructure within the Right-of-Way by the Contractor, regardless of these plans. 13. An engineer's concurrence letter and electronic 22"x34" record drawings shall be submitted to the
- Engineering Department prior to the issuance of certificate of occupancy or subdivision acceptance. The Engineer and Contractor shall verify that all final revisions and changes have been made to record drawings prior to City submittal. Record construction drawings, including roadway and all utilities, shall be provided to the City in AutoCad ". dwg" files and ".PDF" format on a CD or DVD. Line weights, line types and text size shall be such that if half-size prints (11"x17") were produced, the plans would still be legible All required digital files shall contain a minimum of two (2) control points referenced to the State Plane Grid Coordinate System – Texas Central Zone (4203), in US feet and shall include rotation information and scale factor required to reduce surface coordinates to grid coordinates in US feet.
- The City of Cedar Park has not reviewed these plans for compliance with the Americans With Disabilities Act. It is the responsibility of the owner to provide compliance with all legislation related to accessibility within the limits of construction shown in these plans.
- 15. ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN REVIEWING THESE PLANS, THE CITY OF CEDAR PARK MUST RELY ON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER.
- 16. No blasting is allowed on this project.
- 17. A traffic control plan, in accordance with the Texas Manual on Uniform Traffic Control Devices, shall be submitted to the City for review and approval prior to any partial or complete roadway closures. Traffic control plans shall be site specific and seal by a registered professional engineer.
- 18. The contractorshall keep the site clean and maintained at all times, to the satisfaction of the City. The subdivision will not be accepted (or Certificate of Occupancy issued) until the site has been cleaned to the satisfaction of the City.
- Signs are not permitted in Public Utility Easements, Set Backs or Drainage Easements. 20. It shall be the responsibility of the Contractor to inspect temporary erosion controls on a daily basis. Adjust the controls and/or remove any sediment buildup as necessary. A stop work order and/or fine may be imposed if the erosion controls are not maintained.
- 21. A final certificate of occupancy will not be issued on commercial sites until all disturbed areas have been re-vegetated. Substantial grass cover, as determined by Engineering Department, must be achieved prior to the issuance of a final certificate of occupancy. All erosion controls must remain in place and maintained until all disturbed areas have been re-vegetated to the acceptance of the City of Cedar Park Engineering Department. Prior to issuance of a certificate of occupancy for a site development permit, the right of way between the property line and edge of pavement / back of curb shall be revegetated according to COA specification 602S and 606S.
- 22. Contractor will be responsible for keeping roads and drives adjacent to and near the site free from soil, sediment and debris. Contractor will not remove soil, sediment or debris from any area or vehicle by means of water, only shoveling and sweeping will be allowed. Contractor will be responsible for dust control from the site. Failure to comply with this requirement may result in a stop work order or a fine.
- All wet utilities shall be installed and all densities must have passed inspection(s) prior to the installation of drv utilities.
- 24. A minimum of seven days of cure time is required for HMAC prior to the introduction of vehicular traffic to any streets.
- 25. Prior to plan approval, the Engineer shall submit to the Engineering Department documentation of subdivision/site registration with the Texas Department of Licensing and Regulations (TDLR) and provide documentation of review and compliance of the subdivision/site construction plans with Texas Architectural Barriers Act (TABA)
- Prior to subdivision/site acceptance, the engineer/developer-ownershall submit to the Engineering Department documentation that the subdivision/site was inspected by TDLR or a registered accessibility specialist (RAS) and the subdivision/site is in compliance with the requirements of the TABA.
- All construction and construction related activities shall be performed Monday thru Friday from 7:00 A.M. to 6:00 P.M. However, construction activities within one hundred feet (100') of a dwelling or dwelling unit shall be performed between the hours of 8:00 a.m. and 6:00 p.m. Otherwise all construction and construction related activities shall conform to City of Cedar Park Code of Ordinances, specifically ARTICLE 8.08.
- 28. Approval for construction activities performed on Owner's Holidays, and/or Saturdays, outside of Monday through Friday 8 am to 5 pm, or in excess of 8 hours per day shall be obtained in writing 48 hours in advance, and inspection fees at 1.5 times the hourly inspection rate shall be billed directly to the contractor. There shall be no construction or construction related activities performed on Sunday. The City reserves the right to require the contractor to uncover all work performed without City inspection.
- 29. All poles to be approved by City and PEC, no conduit shall be installed down lot lines / between homes. All conduit shall be located in the public ROW or in an easement adjacent to and parallel to the public ROW. Dry utilities shall be installed after subgrade is cut and before first course base. No trenching of compacted
- base. If necessary dry utilities installed after first course base shall be bored across the full width of the ROW 31. No ponding of water shall be allowed to collect on or near the intersection of private driveway(s) and a
- public street. Reconstruction of the driveway approach shall be at the Contractor's expense. 32. All driveway approaches shall have a uniform two percent slope within the ROW unless approved in writing
- by the Engineering Department. Contractors on site shall have an approved set of plans at all times. Failure to have an approved set may
- result in a stop work order. 34. Contractor to clear five feet beyond all right of way to prevent future vegetative growth into the sidewalk
- There shall be no water or wastewater appurtenances, including but not limited to, valves, fittings, meters, clean-outs, manholes, or vaults in any driveway, sidewalk, traffic or pedestrian area.

36. Sidewalks shall not use curb inlets as a partial walking surface. Sidewalks shall not use traffic control boxes, meter or check valve vaults, communication vaults, or other buried or partially buried infrastructure as a vehicular or pedestrian surface.

### Street Notes:

- 1. No trenching of compacted base will be allowed. A penalty and/or fine may be imposed to the general contractor if trenching of compacted base occurs without City approval, regardless of who performed the trenching
- 2. All sidewalks shall comply with the Americans With Disabilities Act. The City of Cedar Park has NOT reviewed these plans for compliance with the Americans With Disabilities Act, or any other accessibility legislation, and does not warranty or approve these plans for any accessibility standards.
- 3. Street barricades shall be installed on all dead end streets and as necessary during construction to maintain job safety.
- 4. Any damage caused to existing pavement, curbs, sidewalks, ramps, etc., shall be repaired by the contractor to the satisfaction of the City prior to acceptance of the subdivision.
- 5. At intersections, which have valley drainage, the crown to the intersecting street will be culminated at a distance of 40 ft. from the intersecting curb line unless otherwise noted.
- 6. The subgrade material was tested by <u>Terracon Consultants</u>, Inc, 800 Paloma Drive, Suite 150, Round Rock, TX 78665 (512) 628-8600 on March 31, 2022 the pavement sections were designed accordingly. The pavement sections are to be constructed as follows:

Pavement Sections	Light Traffic	Medium Traffic
Portland Cement Concrete	5	6
Minimum Lime Stabilized Subgrade	6	6
Compacted Subgrade soils	6	6

- Refer to geotechnical report prepared by Diego Munar Castaneda, P.E. for additional instruction. 7. Density testing of compacted subgrade material, first course and second course compacted base, shall be
- made at 500 foot intervals. 8. All density testing is the responsibility of the owner or contractor and shall be witnessed by the City of
- Cedar Park's project representative. The contractor is to notify the City 48 hours prior to scheduled density testina
- 9. Traffic control signs and pavement markings shall be in accordance with the Texas Manual on Uniform Traffic Control Devices and installed as directed by the City of Cedar Park prior to City acceptance of the Subdivision
- 10. Slope of natural ground adjacent to the right-of-way shall not exceed 3:1. If a 3:1 slope is not possible, a retaining wall orsome other form of slope protection approved by the City shall be placed in a location acceptable to the City
- 11. The City, engineer, contractor, and a representative from the asphalt testing lab shall attend a pre-paving conference prior to the start of HMAC paving. The contractor shall give the City a minimum of 48 hours notice prior to this meeting (512-401-5000)
- 12. The Contractor or owner is responsible for conducting tests on asphalt pavement in accordance with the requirements set forth in the City of Austin Standard Specification No. 340. Any re-testing of the asphalt pavement shall be conducted under the supervision of the engineer and the City of Cedar Park. Re-testing of the asphalt pavement shall be limited to one retest per project.
- 13. All pavement markings and signage shall comply with MUTCD standards. Street name lettersizing shall be in accordance with MUTCDTable2D-2.Pavement markings shall be thermoplastic unless otherwise noted.
- 14. All street name signs shall be high intensity retro grade.
- 15. No Fencing or Wall is allowed to be constructed so that it obstructs the sight lines of drivers from an intersecting public roadway or from an intersecting private driveway. Sight lines are to be maintained as described in City Code Section 14.05.007. Installing a fence or wall which does not comply with the City's Sight Distance Requirements or Fencing Regulations is a violation of the City's Ordinance and may be punishable pursuant to Section 1.01.009 of City Code.
- 16. Temporary rock crushing operations are not allowed. All sources for flexible base material are required to be approved by the City. Prior to base placement all current triaxial test reports for the proposed stockpiles are to be submitted to the City's project representative for review and approval.
- 17. Utility service boxes or other utility facilities shall not be installed within areas determined to be required sight lines of two intersecting public streets or within sight lines of a private driveway. Sight lines are to be maintained compliant with Table 1-1 of the Austin Transportation Criteria Manual. Utilities determined by the Director of Engineering to be placed within required sight lines may be required to be relocated at the expense of the contractor prior to the City issuing a Certificate of Occupancy or prior to the City's Acceptance of the Project Improvements.
- 18. All lane closures shall occur only between the hours of 9 AM and 4 PM. Any night time lane closures require approval by the Director of Engineering and shall occur between the hours of 8 PM and 6 AM. Lane closures observed by City during the peak hours of 6 AM to 9 AM, or 4 PM to 8 PM will be subject to fine per Chapter 1 of City Ordinance, and/or subsequent issuance of Work Stoppage.
- 19. Improvements that include reconstruction of an existing Type II driveway shall be done in a manner which retains operations of not less than half of the driveway at all times. Full closure of such driveway can be considered with written authorization retained by the Contractor from the property owner(s) or access easement right holder(s) of the driveway allowing full closure of the driveway.
- 20. Trees must not overhang within 10' vertically of a sidewalk, or 18' vertically of a roadway or driveway.

### Wastewater Notes:

- 1. Refer to the City of Cedar Park Public Works Utility Policy and Specifications manual. 2. Manhole frames and covers and water valve boxes shall be raised to finished pavement grade at the owner's expense by the contractor with the City approval. All utility adjustments shall be completed prior to final paving construction
- 3. The location of any existing utility lines shown on these plans may not be accurate. Any damage to existing utility lines, both known and unknown, shall be repaired at the expense of the contractor. The contractor shall locate all utilities prior to bidding the project.
- 4. All iron pipe and fittings shall be wrapped with at least 8 mil. Polyethylene wrap.
- 5. All water mains, wastewater mains and service lines shall meet City of Austin minimum cover specifications. All streets are to be cut to subgrade prior to installation of water mains or cuts will be issued by the engineer.
- 6. Where 48-inches of cover below subgrade cannot be achieved for wastewater service lines alternate materials may be used. A minimum of 36-inches of cover below subgrade shall be achieved. Any wastewater service line with cover between 36-inch and 48- inches shall be SDR-26 PVC pressure pipe.
- 7. Gasketed PVC sewer main fittings shall be used to connect SDR-35 PVC to SDR-26 PVC pressure pipe or C-900.
- 8. Pipe materials to be used for construction of utility lines: Wastewater- SDR-26 Force Main- NA

(Note: If using PVC, SDR-26 is required, SDR-35 WW is not allowed. Forcemains

- shall be epoxy lined ductile iron) 9. All sanitary sewers, excluding service lines, shall be mandrel tested per TCEQ (Texas Commission on
- Environmental Quality) criteria. A mandrel test will not be performed until backfill has been in place for a minimum of 30 days. 10. All wastewater lines 10" and larger shall be video inspected in accordance with City of Cedar Park Public
- Works Department Utility Policy and Standard Specifications Manual Appendix E. Requirements for Video Inspection of Wastewater Lines at the Contractor's expense. No separate pay unless noted on the bid form.
- 11. All sanitary sewers, including service lines, shall be air tested per City of Austin Standard Specifications. 12. Density testing of compacted backfill shall be made at a rate of one test per two foot lifts per 500 feet of installed pipe.
- 13. City shall be given 48 hours notice prior to all testing of water and wastewater lines. City inspection is required for all testing of water and wastewater lines.
- 14. Where a water or wastewater line crosses above (or below) a storm sewer structure and the bottom (or top) of the pipe is within 18 inches of the top (or bottom) of the utility structure, the pipe shall be encased with concrete for a distance of at least 1 ft. on either side of the ditch line of the utility structure or the storm sewer. Concrete encasement will not be required for ductile iron (thickness Class 50), AWWA C-900 (SDR-18) 150 psi rated PVC in sizes to 12 inches or AWWA C-905 (SDR-25) 165 psi rated PVC in sizes larger than 12 inches. Concrete encasement shall conform to C.O.A. standard detail 505-1.
- 15. The allowable (maximum) adjustment for a manhole shall be 12" (inches) or less.
- 16. Where a sewer line crosses a water line, the sewer line shall be one 20 ft. joint of 150 psi rated PVC centered on crossing
- 17. All manhole and inlet covers shall read "City of Cedar Park". 18. Contractor to notify, and obtain approval from, the City of Cedar Park 48 hours prior to connecting to existing City utilities.

### City of Cedar Park - Construction Notes for Subdivisions & Site Plans Revised March 23, 2023

19.	All pipe bedding m	aterial shall confor	m to Citv of Austi	n Standard Specific

- 20. Unless otherwise specified by the Engineer all concrete is to be Class "A" (5 sack, 3000 psi ~ 28-days), and all reinforcing steel to be ASTM A615 60.
- 21. All wastewater manholes to be coated with organic materials and procedures listed in City of Austin Qualified Products List No. WW-511 (WW-511A and WW-511B are not allowed unless manhole is being structurally rehabilitated with approval by Public Works). All manholes will be pre-coated or coated AFTER testing.
- 22. Polybrid Coatings on wastewater manholes will not be allowed. Any other product appearing on the COA SPL WW-511 is acceptable
- 23. All penetrations of existing wastewater manholes are required to be re-coated in accordance with the specifications listed in Note 20.
- 24. All manholes will be vacuum tested only.
- 25. Tracer tape AND marking tape shall be installed on all water and wastewater mains in accordance with City of Austin Standards, regardless of the type of pipe.
- 26. All pressure pipe shall have mechanical restraint and concrete thrust blocking at all valves, bends, tees, plugs, and other fittings.

Water Notes:

- 1. Refer to the City of Cedar Park Public Works Utility Policy and Specifications manual.
- 2. The top of valve stems shall be at least 18", and no more than 36", below finished grade. Valve stem risers shall be welded on each end to the City's satisfaction.
- 3. Fire hydrant leads to be ductile iron, Class 350, and installed per City of Austin standard specifications and
- 4. Prior to installation of fire hydrants, the engineer will provide the Contractor one (1) cut from a hub pin, establishing the elevation of the bury line.
- 5. The engineer shall provide cuts for all water lines at all storm sewer crossings to the City of Cedar Park. 6. Pipe materials to be used for construction of utility lines:
- Water C-900 PVC
  - Copper pipe and fittings are not permitted within the Right-of-Way.
  - Minimum DR-14 12" dia and smaller. Minimum class 250 DI larger than 12" dia.
- 7. Approved 5 <sup>1</sup>/<sub>4</sub>" fire hydrants:
- American Flow Control, B84B
- Mueller Company, Super Centurion 250
- Clow Medallion Hydrant
- -Requirements for private fire hydrants (Behind Double Check Backflow Prevention Assembly): Must be in accordance with City of Austin specifications.
- All fire hydrants must meet City of Cedar Park thread specifications (National Thread)
- Blue reflector markers shall be located on the centerline of the pavement across from all fire hydrants. Pavement markers at intersections shall be four-sided.
- 8. Should a Tapping Saddle be approved by Public Works, the saddle shall be Smith-Blair 662 Stainless Steel Tapping Sleeves with all stainless hardware, or approved equal. Requests for alternate providers shall be made to the City of Cedar Park Public Works. No tap exceeding 2" in diameter will be approved.
- 9. All water lines, including service lines, shall be pressure and leak tested per City of Austin Standard Specifications and witnessed by the City of Cedar Park representative. All testing is to be the responsibility of the contractor, and the contractor may be required to re-test lines if the testing is not witnessed by the City. Contractor must notify the City of Cedar Park 48 hours prior to any testing.
- 10. All water lines shall be sterilized and bacteriologically tested in accordance with City of Austin Standards. The contractor is responsible for sterilization and the City of Cedar Park is responsible for submitting bacteriological samples to the State. Public Works will require a contractor specialized in disinfection for large diameter lines or critical infrastructure, subsidiary to pipe installation.
- 11. Density testing of compacted backfill shall be made at a rate of one test per two foot lifts per 500 feet of installed pipe.
- 12. Contractor to obtain a water meter from the City of Cedar Park for any water that may be required during construction. (512-401-5000)
- 13. ALL WATER METER BOXES SHALL BE FORD GULF METER BOX WITH LOCKING LID.
- SINGLE G-148-233
- DUAL DG-148-243
- 1" METER YL111 444
- 1 1/2" 2" METER 1730-R (LID) & 1730-12 (BOX)/ACCEPTABLE BOXES FOR THIS SIZE OF • METER
- 14. Manhole frames and covers and water valve boxes shall be raised to finished pavement grade, when in public streets, at the owner's expense by the contractor with City inspection. All utility adjustments shall be completed prior to final paving construction.
- 15. The location of any existing utility lines shown on these plans is the best available and may not be accurate. Any damage to existing utility lines, both known and unknown, shall be repaired at the expense of the contractor.
- 16. All iron pipe and fittings shall be wrapped with at least 8 mil. Polyethylene wrap.
- 17. All water mains, wastewater mains and service lines shall meet City of Austin Specifications for minimum
- cover requirements. All streets are to be cut to subgrade prior to installation of water mains or cuts will be issued by the engineer
- 18. City to be given 48 hours notice prior to all testing of water and wastewater lines. City inspection is required for all testing of water and wastewater lines.
- 19. Where a water or wastewater line crosses above (or below) a storm sewer structure and the bottom (or top) of the pipe is within 18 inches of the top (or bottom) of the utility structure, the pipe shall be encased with concrete for a distance of at least 1 ft. on either side of the ditch line of the utility structure or the storm sewer. Concrete encasement will not be required for ductile iron (thickness Class 50), AWWA C-900 (SDR-18) 150 psirated PVC in sizesto 12 inches or AWWA C-905 (SDR-25) 165 psi rated PVC in sizeslarger than 12 inches. Concrete encasement shall conform to C.O.A. standard detail 505-1.
- 20. Contractor to notify the City of Cedar Park 48 hours prior to connecting to existing utilities.
- 21. All pipe bedding material shall conform to City of Austin Standard Specifications.
- 22. Tracer tape shall be installed on all water and wastewater mains regardless of the type of pipe or depth of pipe installed.
- 23. Unless otherwise specified by the Engineer all concrete is to be Class "A" (5 sack, 3000 psi ~ 28-days), and all reinforcing steel to be ASTM A615 60.
- 24. The City considers protection of its water system paramount to construction activities. City personnel will operate, or authorize the contractor to operate, all water valves that will pass through the City's potable water. The contractor may not operate any water valve, existing or proposed, that will allow water from the City's water system to flow to a proposed or existing water system without the express consent of the City. Notify the City two business days in advance of any request to operate a water valve. The general contractor may be fined \$500 or more, including additional theft of water fines, if a water valve is operated in an unauthorized manner, regardless of who operated the valve.
- 25. All water valves over 24" in size shall have a by-pass line and valve installed. By-pass valves and lines are subsidiary to the cost of the valve unless specifically identified on the bid form.
- 26. All water valves, including those over 12" in size, shall be gate valves.
- 27. A double check backflow device in a vault shall be installed at the property line on all private fire lines. A detector water meter will be installed on this backflow device, and it must be a Sensus SRII 3/4" meter with AMI radio read capability. The City will provide this meter. Please reference the City of Cedar Park Double Check Backflow Prevention Assembly Detail.
- 28. All potable water system components installed after January 4, 2014, shall be "lead free" according to the United States Safe Drinking Water Act. The only components exempt from this requirement are fire hydrants. Components that are not clearly identified by the manufacturer as meeting this requirement by marking, or on the product packaging, or by pre-approved submittal, will be rejected for use. A NSF certification will be adequate if the certification has not expired as of January 4, 2014 and remains unexpired at the time of construction.
- 29. All pressure pipe shall have mechanical restraint and concrete thrust blocking at all valves, bends, tees, plugs, and other fittings.
- Storm Sewer Notes:
- 1. Manhole frames and covers and water valve boxes shall be raised to finished pavement grade at the owner's expense by the contractor with City inspection. All utility adjustments shall be completed prior to final paving construction. Contractor shall backfill around manholes and junction boxes with Class A concrete.
- 2. All manhole lids shall be 32" or larger, unless expressly approved in writing by the Engineering Department. 3. The location of any existing utility lines shown on these plans is the best available and may not be accurate.



Design: JR, KR CAD: JW, KR Review: JR Project No: MCS 70398 Sheet: **3** of **30** 2023-24-SD

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	WATER VALVE	O.P.R.W.C.T
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	WASTEWATER MANHOLE	CITY: CEDAR PARK
·	VAULT	PROPERTY ID: R543523
-•	SIGN	PROPERTY ADDRESS: 1200 CYPRESS CREEK ROAD
//		
C		LEGAL: PORTION OF LOT 1, SWECO, INDUSTRIAL TRACT, (DOC. No. 1981007534)
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ALL SPOT G AVEMENT/GUTI CONTOURS S ALL SPOT G AVEMENT/GUTI CONTOURS S CONTOURS S C CONTOURS S C C C	PY. SS WERE OBSERVED ON THE SUBJECT T VAS PERFORMED. SRADES ALONG THE EXISTING ROADWAY TER HOWN ARE AT A 1-FOOT MINOR AND 5-FOO MANHOLE LIDS WERE UNABLE TO ACCE CK CLOSED. CT TRACT SHOWN HEREON LIES WITHIN CORDING TO THE NATIONAL FLOOD INS NCE RATE MAP FOR THE CITY OF CEDAR G, DEVELOPED BY THE FEDERAL EMERGING DATED DECEMBER 20, 2019 UNDER MAP N NSHADED : (AREAS DETERMINED TO BE HANCE FLOODPLAIN. AREA OF MINIMA EPICTED ON FIRMS AS ABOVE THE 500-YEA ATEMENT DOES NOT IMPLY THAT THE PRO EREON, WILL BE FREE FROM FLOODING CREATE LIABILITY ON THE PART OF THE S ERTIFICATE: MOSQUITO CONTROL SYSTEMS, INC., AND EY: SEPTEMBER 07, 2022 : NONE hat a survey of the property shown hereon was pervision on the date shown, and that to the be parent encroachments, overlapping of improv as or roads in place, except as shown hereon stantially complies with the current Texas So	TRACT AT TIME THE NYS ARE AT TOP OF OT MAJOR. CALLED 6.8098 ACRE PORTION OF THE RESIDUE OF A CALLED 237.33 ACRE TRACT OF LAND OWNER. BECKY, UTD. (YOL 2730, PAGE 100) O.P.R.W.C.T. INN FLOOD ZONE "X" SURANCE PROGRAM, R PARK, WILLIAMSON SENCY MANAGEMENT NO. 4489100605F. E OUTSIDE THE 0.2% AL FLOOD HAZARD, AR FLOOD LEVELS). OPERTY AND/OR THE OR FLOOD DAMAGE SURVEYOR). IN ATIONAL OILWELL VARCO, LP As actually made upon the ground under my sta for my professional knowledge and belief: rements, discrepancies, deed line conflicts, on, and that this property has access to a tereon. Sucky of Professional Surveyors Manual of
CONTOURS S CONTOURS S CONTOU	PY. BS WERE OBSERVED ON THE SUBJECT T VAS PERFORMED. BRADES ALONG THE EXISTING ROADWAY TER HOWN ARE AT A 1-FOOT MINOR AND 5-FOO WANHOLE LIDS WERE UNABLE TO ACCI CK CLOSED. CT TRACT SHOWN HEREON LIES WITHING CORDING TO THE NATIONAL FLOOD INS NCE RATE MAP FOR THE CITY OF CEDAR B, DEVELOPED BY THE FEDERAL EMERGI , DATED DECEMBER 20, 2019 UNDER MAP N NSHADED : (AREAS DETERMINED TO BE HANCE FLOODPLAIN. AREA OF MINIMA EPICTED ON FIRMS AS ABOVE THE 500-YEA ATEMENT DOES NOT IMPLY THAT THE PRO EREON, WILL BE FREE FROM FLOODING CREATE LIABILITY ON THE PART OF THE S ERTIFICATE: MOSQUITO CONTROL SYSTEMS, INC., AND EY: SEPTEMBER 07, 2022 : NONE hat a survey of the property shown hereon was pervision on the date shown, and that to the be parent encroachments, overlapping of improv as or roads in place, except as shown hereon stantially complies with the current Texas So tents for a Category 6, Condition II, Topograph	TRACT AT TIME THE VS ARE AT TOP OF CALLED 5:8098 ACEE PORTION OF THE RESIDUE OF A CALLED 327:34 ACRE TRACT OF LAND OWNER: BECKY, ITD. (VOL.2730, PARKE 100) O.P.R.W.C.T. IN FLOOD ZONE "X" SURANCE PROGRAM, R PARK, WILLIAMSON SENSO WANAGEMENT NO. 4849100005F. E OUTSIDE THE 0.2% AL FLOOD HAZARD, AL FLOOD HAZARD, AL FLOOD HAZARD, AL FLOOD DAMAGE SURVEYOR). IN ATIONAL OILWELL VARCO, LP IS actually made upon the ground under my est of my professional knowledge and belief: ements, discrepancies, deed line conflicts, an, and that this property has access to a tereon. Dicky of Professional Surveyors Manual of tic Survey.





1 The contractor obell install encies/andimentation controls and the first state in the f			Table 1: Hydro	nulching for Tem	oorary Vege
1. The contractor shall install erosion/sedimentation controls and tree/natural area protective fencing prior to any site preparation work (clearing, grubbing or excavation).		Material	Description	Longevity	Туріс
2. The placement of erosion/sedimentation controls shall be in accordance with the City Design Standards and the approved Erosion and Sedimentation Control Plan. The ESC Plan shall be consulted and used as the basis for a TPDES required SWPPP. If a SWPPP is required, it shall be available for review by the City Inspector at all times during construction, including at the Pre-Construction meeting. The checklist below contains the basic elements that shall be reviewed for permit approval by the City Plan Reviewers as well as City Inspectors.	1009 of we st pl: (exc shal	% or any bler ood, cellulos raw, and/or cotton ant material cept no mulc ll exceed 30%	nd e, 70% or greater Wood/Straw 30% or less h Paper or % Natural Fibers	0-3 months	s Mod fro
<ul> <li>Plan sheets submitted to the City MUST show the following:</li> <li>Direction of flow during grading operations.</li> <li>Location, description, and calculations for off-site flow diversion structures.</li> </ul>					
<ul> <li>Areas that will not be disturbed; natural features to be preserved.</li> <li>Delineation of contributing drainage area to each proposed BMP (e.g., silt fence, sediment basin, etc.)</li> <li>Location and type of e&amp;s bmps for each phase of disturbance.</li> <li>Calculations for BMPs as required.</li> <li>Location and description of temporary stabilization measures.</li> <li>Location of on-site spoils, description of handling and disposal of borrow materials, and description of on-site permanent spoils disposal areas, including size, depth of fill and revegetation procedures.</li> </ul>	1. From Se cover cro height of than one	eptember 15 ops exist who f less e-half (1/2) in	to March 1, seeding are permanent vege ch and the area sha	i is considered to etative stabilizatio all be re-seeded ii	be tempora n is desired n accordand
<ul> <li>Describe sequence of construction as it pertains to ESC including the following elements: Installation sequence of controls (e.g. perimeter controls, then sediment basins, then temporary stabilization, then permanent, etc.)</li> </ul>	cool sea understa germina	son cover cr anding that tion of warm	op can be mixed wi -season seed typica	th Bermuda grass ally requires soil te	or native s emperatures
Sequence of grading operations and notation of temporary stabilization measures to be used Schedule for converting temporary basins to permanent WQ controls Schedule for removal of temporary controls Anticipated maintenance schedule for temporary controls	<sup>2</sup> From Ma a purity o is consider native pl	arch 2 to Sep of 95% and a red permane ant seed mix	tember 14, seeding a minimum pure live nt erosion control. F c conforming to Item	shall be with hull seed (PLS) of 0. Permanent vegeta s 604S or 609S.	ed Bermud 83. Bermud tive stabiliza
<ul> <li>Categorize each BMP under one of the following areas of BMP activity as described below:</li> <li>3.1Minimize disturbed area and protect natural features and soil</li> <li>Control Stormwater flowing onto and through the project</li> <li>Stabilize Soils</li> <li>Protect Slopes</li> </ul>	A Fertil Applicat yearly s applicat Coordin	lizer use sha tions of fertili ubmittal of a tor's license. ator.	ll follow the recomn zer (and pesticide) Pesticide and Ferti For current copy of	nendation of a soi on City-owned an lizer Application F the record templa	l test. See li d managed Record, alor ite contact t
<ul> <li>3.5Protect Storm Drain Inlets</li> <li>3.7Retain Sediment On-Site and Control Dewatering Practices</li> <li>3.7Retailsh Stabilized Construction Exits</li> </ul>	⊾. Hydr	omulch shall	comply with Table	2, below.	
Any Additional BMPs Note the location of each BMP on your site map(s). For any structural BMPs, you should provide design specifications and details and refer to them. For more information, see City design standards.	c. Wate plants the without the seed	er the seeded hat can ultim causing disp dbed in a mo	d areas immediately ately survive withou placement or erosio pist condition favora	v after installation it supplemental w n of the materials ble for plant grow	to achieve ( ater. Apply or soil. Mai th. All water
The Placement of tree/natural area protective fencing shall be in accordance with the City of Austin standard Notes for Tree and Natural Area Protection and the approved Grading/Tree and Natural Area Plan.	qualified water re	d professiona estrictions an	al, and as allowed b d water conservation	y the City Utility a n initiatives.	nd current
A pre-construction conference shall be held on-site with the contractor, design Engineer/permit applicant and Inspector after installation of the erosion/sedimentation controls and tree/natural area protection measures and prior to beginning any site preparation work. The owner or owner's representative shall notify the City of Cedar Park, at least three days prior to the meeting date. City approved ESC Plan and TPDES SWPPP (if required) should be reviewed by the City Inspector at this	Perm minimul of a site vegetate	nanent erosic m of 95 perc that rely on ed, and provi	on control shall be a ent for the non-nativ vegetation for stab ided there are no ba native plant seeding	Icceptable when t ve mix, and 95 pe lity must be unifo are spots larger th shall comply with	he grass ha rcent covera mly an 16 squa requiremer
time.	Criteria	Manual, Iten	ns 604S and 609S.		·
plans will require a revision and must be approved by the reviewing Engineer, City or City Arborist as appropriate. Major revisions must be approved by authorized City staff. Minor changes to be made as field			Table 2: Hydromul	ching for Perman	ent Vegetat
revisions to the Erosion and Sedimentation Control Plan may be required by the Inspector during the course of construction to correct control inadequacies.	Bond	aterial led Fiber	Description 80% Organic	Longevity	Typical
The contractor is required to provide a certified inspector with either a Certified Professional in Erosion and Sediment Control (CPESC), Certified Erosion, Sediment and Stormwater- Inspector (CESSWI) or Certified Inspector of Sedimentation and Erosion Controls (CISEC) certification to inspect the controls and ences at weekly intervals and after significant rainfall events to insure that they are functioning properly. The person(s) responsible for maintenance of controls and fences shall immediately make any necessary	Matri 10%	ix (BFM) Tackifier	defibrated fibers	6 Months	On slopes erosive s
Prior to final acceptance by the City, haul roads and waterway crossings constructed for emporary contractor access must be removed, accumulated sediment removed from the	Fiber F Matri	Reinforced ix (FRM)	65% Organic defibrated fibers 25% Reinforcing Fibers or less	Up to 12 months	On slopes erosive s
waterway and the area restored to the original grade and revegetated. All land clearing debris shall be disposed of in approved spoil disposal sites.			10% Tackifier		
. All work must stop if a void in the rock substrate is discovered which is; one square foot in total area; blows air from within the substrate and/or consistently receives water during any rain event. At this time it is the responsibility of the Contractor to immediately contact a City Cedar Park Inspector for further investigation.	10. Deve Owner Addres	eloper Inform r: MCS, Inc. ss: 2000 Blk	ation: Phone: <u>512-84</u> Little Elm Trail	<u>4-8498</u> <u>Cedar P</u>	ark, Texas 7
Temporary and Permanent Erosion Control: All disturbed areas shall be restored as noted below:	Owner Blevi F	's representa	ative responsible for Phone # (	plan alterations:	
A. All disturbed areas to be revegetated are required to place a minimum of six (6) inches of topsoil [see Standard Specification Item No. 601S.3(A)]. Do not add topsoil within the critical root zone of existing trees.	Persor Enriqu	n or firm resp	ponsible for erosion	sedimentation co	ntrol mainte Phone
Topsoil salvaged from the existing site is encouraged for use, but it should meet the standards set forth in 601S. An owner/engineer may propose use of onsite salvaged	# <u>51</u> Persor Enriqu	<u>2-044-0498</u> n or firm resp ne Amaro	oonsible for tree/nat	ural area protectio	on Maintena Phone
topsoil which does not meet the criteria of Standard Specification 601S by providing a soil analysis and a written statement from a qualified professional in soils, landscape architecture, or agronomy indicating the onsite topsoil will provide an equivalent growth media and specifying what, if any, soil amendments are required.	f 11. The Develop of the pe	2-844-8498 contractor sh ment Service ermit issued t	nall not dispose of s es Department at (5 to receive the mate	urplus excavated 12) 974-2278 at l ial.	material fro east 48 hou
Soil amendments shall be worked into the existing onsite topsoil with a disc or tiller to create a well-blended material. The vegetative stabilization of areas disturbed by construction shall be as follows: TEMPORARY VEGETATIVE STABILIZATION:					
From September 15 to March 1, seeding shall be with or include a cool season cover crop: (Western Wheatgrass (Pascopyrum smithii) at 5.6 pounds per acre, Oats (Avena sativa) at 4.0 pounds per acre, Cereal Rye Grain (Secale cereale) at 45 pounds per acre. Contractor must ensure that any seed application requiring a cool season cover crop does not utilize annual ryegrass (Lolium multiflorum) or perennial ryegrass (Lolium perenne). Cool season cover crops are not permanent erosion control.					
<ol> <li>From March 2 to September 14, seeding shall be with hulled Bermuda at a rate of 45 pounds per acre or a native plant seed mix conforming to Items 604S or 609S.</li> </ol>					
A. Fertilizer shall be applied only if warranted by a soil test and shall conform to Item No. 606S, Fertilize Fertilization should not occur when rainfall is expected or during slow plant growth or dormancy. Chemical fertilizer may not be applied in the Critical Water Quality Zone.					
B. Hydromulch shall comply with Table 1, below.					
C. Temporary erosion control shall be acceptable when the grass has grown at least 11/2 inches high with a minimum of 95% total coverage so that all areas of a site that rely on vegetation for temporary stabilization are uniformly vegetated, and provided there are no bare spots larger than 10 square feet.					

### ydromulching for Temporary Vegetative Stabilization

Longevity	Typical Application	Application Rates
0-3 months	Moderate slopes; from flat to 3:1	1500 to 2000 Ibs per acres)

eding is considered to be temporary stabilization only. If cool season vegetative stabilization is desired, the grasses shall be mowed to a

a shall be re-seeded in accordance with Table 2 below. Alternatively, the ed with Bermuda grass or native seed and installed together,

ypically requires soil temperatures of 60 to 70 degrees.

eding shall be with hulled Bermuda at a rate of 45 pounds per acre with e live seed (PLS) of 0.83. Bermuda grass is a warm season grass and

rol. Permanent vegetative stabilization can also be accomplished with a

## commendation of a soil test. See Item 606S, Fertilizer. cide) on City-owned and managed property requires the

Fertilizer Application Record, along with a current copy of the py of the record template contact the City of Austin's IPM

iately after installation to achieve germination and a healthy stand of vithout supplemental water. Apply the water uniformly to the planted areas rosion of the materials or soil. Maintain

vorable for plant growth. All watering shall comply with COA Code at rates and frequencies determined by a licensed irrigator or other

be acceptable when the grass has grown at least 11/2 inches high with a -native mix, and 95 percent coverage for the native mix so that all areas stability must be uniformly no bare spots larger than 16 square feet.

eding shall comply with requirements of the City of Austin Environmental

### omulching for Permanent Vegetative Stabilization

Typical Application	Application Rates
On slopes up to 2:1 and erosive soil conditions	2,500 to 4,000 lbs per acre (see manufacturer specifications)
On slopes up to 1:1 and erosive soil condition₅	3000 to 4500 lbs per acre (see manufacturers recommendations)

Cedar Park, Texas 78613

sion/sedimentation control maintenance:

/natural area protection Maintenance: Phone

e of surplus excavated material from the site without notifying the at (512) 974-2278 at least 48 hours prior with the location and a copy

### STANDARD SEQUENCE OF CONSTRUCTION

The following sequence of construction shall be used for all development. The applicant is encouraged to provide any additional details appropriate for the particular development.

. Temporary erosion and sedimentation controls are to be installed as indicated on the approved site plan or subdivision construction plan and in accordance with the Erosion Sedimentation Control Plan (ESC) and Stormwater Pollution Prevention Plan (SWPPP) that is required to be posted on the site. Install tree protection and initiate tree mitigation measures.

2. The General Contractor must contact the City Inspector at 512-401-5000, 72 hours prior to the scheduled date of the required on-site preconstruction meeting.

3. The General Contractor will follow the Erosion Sedimentation Control Plan (ESC) and Storm Water Pollution Prevention Plan (SWPPP) posted on the site. Temporary erosion and sedimentation controls will be revised, if needed, to comply with City Inspectors' directives, and revised construction schedule relative to the water quality plan requirements and the erosion plan.

4. Rough grade the pond(s) at 100% proposed capacity. Either the permanent outlet structure or a temporary outlet must be constructed prior to development of embankment or excavation that leads to ponding conditions. The outlet system must consist of a sump pit outlet and an emergency spillway meeting the requirements of the City of Austin Drainage Criteria Manual, as required. The outlet system shall be protected from erosion and shall be maintained throughout the course of construction until installation of the permanent water quality pond(s).

5. Temporary erosion and sedimentation controls will be inspected and maintained in accordance with the Erosion Sedimentation Control Plan (ESC) and Storm Water Pollution Prevention Plan (SWPPP) posted on the site.

- Begin site clearing/construction (or demolition) activities.
- Underground utilities will be installed, including fire hydrants.
- 8Fire Department access will be installed where required by approved site plan.

Vertical construction may occur after the Pre-vertical Inspection has been cleared by the Fire Marshal. 10. Permanent water quality ponds or controls will be cleaned out and filter media will be installed prior to/concurrently with revegetation of site.

11. Complete construction and start revegetation of the site and installation of landscaping.

12. Upon completion of the site construction and revegetation of a project site, the design engineer shall submit an engineer's letter of concurrence bearing the engineer's seal, signature, and date to the City indicating that construction, including revegetation, is complete and in substantial compliance with the approved plans. After receiving this letter, a final inspection will be scheduled by the City Inspector.

13. Upon completion of landscape installation of a project site, the Landscape Architect shall submit a letter of concurrence to the City indicating that the required landscaping is complete and in substantial conformity with the approved plans. After receiving this letter, a final inspection will be scheduled by the City Inspector.

14. After a final inspection has been conducted by the City Inspector and with approval from the City Inspector, remove the temporary erosion and sedimentation controls and complete any necessary final revegetation resulting from removal of the controls. Conduct any maintenance and rehabilitation of the water quality ponds or controls.

### Special Construc Prior to excavation

- remain, make a clea equipment to minimiz In critical root zone
- vehicular traffic is an site, to minimize soil of
- Perform all grading w
- Water all trees most
- dry weather. Spray t When installing conconcrete to prohibit le

Dust Control Not Contractor shall utilize dua directed by the Environme

Environmental In Environmental Inspector project in-compliance with

Spoils Control No All spoils will be cleaned the end of each day.

Note:



Call Before You Dig!!

Benchmarks BM #100 - "X" Scribed on the Top of Curb set along the Easterly side of the center median. Northing = 10150544.02Easting = 3086679.18 Elevation = 939.07

BM #101 - "X" Scribed on the Top of Curb set along the Easterly side of the center median. Northing = 10150084.78 Easting = 3086399.083 Elevation = 928.87

The location of all existing utilities shown on these plans has been based upon record information only and may not match locations as constructed. The contractor shall contact Texas 811 for assistance in determining existing utility locations prior to beginning construction. Contractor shall field verify locations of utility crossings prior to beginning construction.

Release of this application does not constitute a verification of all data, information and calculations supplied by the applicant. The engineer of record is solely responsible for the completeness, accuracy and adequacy of his/her submittal, whether or not the application is reviewed for Code compliance by City engineers.

<ul> <li>Extion Techniques</li> <li>within tree driplines, or the removal of trees adjacent to the other trees that are to an cut between the disturbed and undisturbed root zones with a rock saw or similar ze root damage.</li> <li>areas that cannot be protected during construction with fencing, and where heavy nticipated, cover those areas with four (4) inches of organic mulch to be produced on compaction.</li> <li>within critical root zone areas with small equipment to minimize root damage.</li> <li>heavily impacted by construction activities deeply as necessary during periods of hot, tree crowns with water periodically to reduce dust accumulation on the leaves.</li> <li>herete adjacent to the root zone of a tree, use a plastic vapor barrier behind the eaching of lime into the soil.</li> </ul>
<b>E</b> ust control measures during site construction such as irrigation trucks and mulching as ental Inspector.
has the authority to add and/or modify erosion/sedimentation controls on site to keep h the City of Cedar Park Rules and Regulations.
off of all roads, driveways, and any other impervious cover located outside the LOC at

All disturbed areas shall be re-vegetated to meet the requirements of the City of Cedar Park's ordinances.





![](_page_92_Picture_1.jpeg)

![](_page_93_Figure_1.jpeg)

![](_page_93_Figure_2.jpeg)

![](_page_93_Picture_3.jpeg)

![](_page_93_Figure_4.jpeg)

Site Data Table										
Zoning:	GB-CO	General E	Business							
Use: Regional Office/Retail/Commercial	s.f.	acres	%							
Site Area:	186,959	4.292								
Allow able Impervious Cover:	N/A	N/A	N/A							
Total Impervious Cover:	73,163	1.680	39%							
Allowable Building Coverage:	1,215	0.028	65%							
Proposed Building Coverage:	22,886	0.525	12%							
Gross Building Area	20,054									
Floor to Area Ratio Allowed		0.6:1								
Floor to Area Ratio Proposed	0.107	:	1							
Building Height Allowed	5	0	ft							
Building Height Proposed	30'	-4"	ft							
Building Slab Construction	S	Slab On Grad	le							

ree Lis	st (Survey	ed 09/07/2022)				
#	City Code	Species	Trunks	Sizes	Caliper Equivalent	Status
7108	Μ	Live Oak	2	8, 8	12	Diseased/ Removed
7109	Р	Live Oak	1	8	45	Diseased/ Removed
7110		Live Oak	1	8	8	Diseased/ Removed
7111		Live Oak	1	9	9	Diseased/ Removed
7112		Live Oak	1	8	8	Diseased/ Removed
7113		Live Oak	1	8	8	Diseased/ Removed
7114		Live Oak	1	11	11	Diseased/ Removed
7115		Live Oak	1	10	10	Diseased/ Removed
7116		Live Oak	1	9	9	Diseased/ Removed
7117		Live Oak	1	8	8	Diseased/ Removed
7118		Live Oak	1	8	8	Diseased/ Removed
7119	М	Live Oak	2	8, 6	11	Diseased/ Removed
7120		Live Oak	1	8	8	Diseased/ Removed
7121		Live Oak	1	18	18	
7122		Live Oak	1	14	14	
7123		Live Oak	1	17	17	
7124		Live Oak	1	21	21	
7125		Live Oak	1	10	10	To Be Removed
7126		Live Oak	1	10	10	To Be Removed

![](_page_94_Figure_3.jpeg)

![](_page_94_Figure_4.jpeg)

Note Contractor to install temporary ADA pathway with 1" thick Compacted Base, Cold-Mix asphalt or other City approved material around area of sidewalk to be removed with driveway apron construction. Temporary ADA path shall be removed upon completion of the driveway apron and restoration of

the existing sidewalk pathway, and prior to the City issuing a Certificate of Occupancy.

![](_page_95_Figure_0.jpeg)

![](_page_96_Figure_0.jpeg)

![](_page_97_Figure_0.jpeg)

![](_page_97_Figure_1.jpeg)

![](_page_97_Figure_2.jpeg)

![](_page_97_Figure_3.jpeg)

TSS Remov	al Calculations 04-20-2009			Project Name:	MCS Cedar	Park	
				Date Prepared:	8/18/2023		
1. The Require	d Load Reduction for the total project:	Calculations	from RG-348		Pages 3-27 to	3-30	
	Page 3-29 Equation 3.3: L <sub>M</sub> =	27.2(AN X P)					
where:		Required TS	S removal re	sulting from the proposed de	velopment = 8	30% of increase	olb
		Net increase	in impervio	us area for the project			
	P =	Average and	ual precipita	ation inches			
Site Data:	Determine Required Load Removal Based on the Entire Pr	niect					
Site Data.	County =	Williamson					
	Total project area included in plan * =	4.29	acres				
Predev	elopment impervious area within the limits of the plan * =	0.00	acres				
Total post-dev	velopment impervious area within the limits of the plan* =	1.68	acres				
	Total post-development impervious cover fraction * =	0.39					
	P =	32	inches				
		1462	lbs.				
Numbe	r of drainage basins / outfalls areas leaving the plan area =	1					
2. Drainage Ba	isin Parameters (This information should be provided for	each basin):					
Li Biullugo Bi	Drainage Basin/Outfall Area No. =	Pro 1	•				
	Total drainage basin/outfall area =	2.01	acres				
Predevelop	ment impervious area within drainage basin/outfall area =	0.00	acres				
Post-develop	ment impervious area within drainage basin/outfall area =	1.68	acres				
st-developme	nt impervious fraction within drainage basin/outfall area =	0.84	ucres				
		1462	lbs.				
3. Indicate the	proposed BMP Code for this basin.						
	Proposed BMP =	Sand Filter	1				
	Removal efficiency =	89	percent				
4. Calculate M	aximum TSS Load Removed (L <sub>R</sub> ) for this Drainage Basin	by the selec	ted BMP Typ	De.			
	RG-348 Page 3-33 Equation 3.7∶L <sub>P</sub> =	(BMP efficien	icv) x P x (A	x 34.6 + A <sub>P</sub> x 0.54)			
where:	Ac =	Total On-Site	drainage area	a in the BMP catchment area			
	A, =	Impervious ar	ea proposed i	in the BMP catchment area			
	Δ_=	Penvious area	remaining in	the BMP catchment area			
		TSS Load rer	noved from th	is catchment area by the prop	osed BMP		
	L <sub>R</sub> -	2 01	acres	is cateriment area by the prop	baed Divit		
		4.60	acres				
	A1 -	1.00	acres				
	Ap =	0.33	acres				
	L <sub>R</sub> =	1660	Ibs				
5. Calculate Fi	action of Annual Runoff to Treat the drainage basin / out	tall area	<b>N</b>				
	Desired L <sub>M</sub> This basin =	1462	lbs.				
	F =	0.88			-		
6. Calculate C	apture Volume required by the BMP Type for this drainag	je basin / ou	tall area.	Calculations from RG-348	Pages 3-34 to	3-36	
	Rainfall Depth =	1.50	inches				
	Post Development Runoff Coefficient =	0.68					
	On-site Water Quality Volume =	7397	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 00	-				
	Off-site Runoff Coefficient =	0.00					
	Off-site Water Quality Volume =	0	cubicfeet				
	Storage for Sediment =	1479					
Total Ca	pture volume (required water quality volume(s) x 1.20) =	8876	cubic feet	0.040	D	2.02	
9. Filter area f	or sand Filters	Designed as	Required in R	KG-348	Pages 3-58 to	3-63	
	98. Partial Sedimentation and Filtration System	0070					
	Water Quality Volume Required =	88/6	cubicfeet				
	Water Quality Volume Provided =	8888	and the second second				
	Provided Filter Basin Area =	750	square Fee	et			
	Minimum filter basin area =	(40	square tee	20			
	Provided Sedimentation Basin Area =	2426	square fee		-60 feet		
	Maximum sedimentation basin area -	2959	square fee	et For minimum water depth	of 2 feet		

Minimum sedimentation basin area = 185 square feet For maximum water depth of 8 feet

Wate	r Quality Pond	Water Surface E	levations		
Elevation	Depth	Area	Storage		
(ft)	(ft)	(sf)	(cf)		
923.00	0.00	750.0	0		
924.00	1.00	3308.0	2029		
925.00	2.00	3401.0	5384		
926.00	3.00	3497.0	8833		
926.50	3.50	3651.0	10620		
926.00	WQV Elev. (Re	equired)	8875.82		
926.00	WQV Provided	d	8888.13		
<u>Size WQ Pond W</u> Q(100) = C(w) = H(w) = L = <b>Use L =</b>	eir 27.46 3.33 0.50 Q(w) = Q(w) x Lx Solving for L Gives 23.61 <b>24.00</b>	cfs ft. (provided) ; {H(w )}^3/2 s lf. <b>ft.</b>	Depth of flow over w eir = Freeboard Provided	0.49 0.50	ft.
Size WQ Pond Ir	-Flow Window				
Q(25) =	17.77	cfs			
C(o) =	0.6				
q =	32.2	ft/s^2			
Orifice Height =	0.500	ft.			
Orifice Width =	0.500	ft			
H =	2.754	(Depth to Center of V	vindow)		
A =	Q = C(o) * A * (2*g Solving for A gives 2.22	r*H)^.5 s: sf			
	Try an orifice 6" hi	ah x 6" long (.25 sf)			
# of Orifices =	3.00	orifices			
	USE3 - 6" high b	y 6" wide orifice			

Falling	Head	Orifice	Calculat	0
				-

Surface Area (sq. ft.)	3497
Orifice coefficient (use 0.6 per DCM)	0.6
h <sub>1</sub> (ft)	3
h <sub>2</sub> (ft)	0
t (hrs.)	48
A <sub>o</sub> orifice area (sq. ft.)	0.015
Orifice diameter (in.)	1.63

Falling head orifice equation:

![](_page_98_Figure_7.jpeg)

Detention Pond Inflow/Outflow Summary								
Atla	s 14 - Storm Wa	ater Flows (c	fs)					
2-yr	10-yr	25-yr	100-yr					
.0.67	16.54	20.56	27.46					
4.03	7.32	10.66	17.14					
	1 <b>tion Pon</b> Atla 2-yr .0.67 4.03	Ition Pond Inflow/Outfl           Atlas 14 - Storm W           2-yr         10-yr           0.67         16.54           4.03         7.32	Ition Pond Inflow/Outflow Summary           Atlas 14 - Storm Water Flows (c           2-yr         10-yr         25-yr           0.67         16.54         20.56           4.03         7.32         10.66					

Discharge Summary									
Analysis	Atla	as 14 - Storm W	ater Flows (c	fs)					
Point	2-yr	10-yr	25-yr	100-yr					
Ex DP 1	10.76	19.57	25.71	36.22					
Pro DP 1	9.72	17.62	23.94	35.17					

		Onsite	etention Pond			
	Stage vs.	Storage		Outflo	w Summary	
Elevation	Area	Volume		Event	Elevation	Flow
ft	sf	cu.ft.		yr	ft	cfs
922.00	0	0		2	923.90	4.03
923.00	2604	1302		10	924.30	7.32
924.00	8163	6686		25	924.50	10.66
925.00	9664	15599		100	924.80	17.14

The following/listed "construction notes" are intended to be advisory in nature only and do not constitute an approval or conditional approval by the Executive Director (ED), nor do they constitute a comprehensive listing of rules or conditions to be followed during construction. Further actions may be required to achieve compliance with TCEQ regulations found in Title 30, Texas Administrative Code (TAC), Chapters 213 and 217, as well as local ordinances and regulations providing for the protection of water quality. Additionally, nothing contained in the following/listed "construction notes" restricts the powers of the ED, the commission or any other governmental entity to prevent, correct, or curtail activities that result or may result in pollution of the Edwards Aquifer or hydrologically connected surface waters. The holder of any Edwards Aquifer Protection Plan containing "construction notes" is still responsible for compliance with Title 30, TAC, Chapters 213 or any other applicable TCEQ regulation, as well as all conditions of an Edwards Aquifer Protection Plan through all phases of plan implementation. Failure to comply with any condition of the ED's approval, whether or not in contradiction of any "construction notes," is a violation of TCEQ regulations and any violation is subject to administrative rules, orders, and penalties as provided under Title 30, TAC § 213.10 (relating to Enforcement). Such violations may also be subject to civil penalties and injunction. The following/listed "construction notes" in no way represent an approved exception by the ED to any part of Title 30 TAC, Chapters 213 and 217, or any other TCEQ applicable regulation

- include:
- site. 3.
- 4.
- 5.
- etc.
- 6. 50% of the basin's design capacity.

The location of all existing utilities shown on these plans has been based upon record information only and may not match locations as constructed. The contractor shall contact Texas 811 for assistance in determining existing utility locations prior to beginning construction. Contractor shall field verify locations of utility crossings prior to beginning construction.

Release of this application does not constitute a verification of all data, information and calculations supplied by the applicant. The engineer of record is solely responsible for the completeness, accuracy and adequacy of his/her submittal, whether or not the application is reviewed for Code compliance by City engineers.

### Texas Commission on Environmental Quality Contributing Zone Plan General Construction Notes

Edwards Aquifer Protection Program Construction Notes – Legal Disclaimer

1. A written notice of construction must be submitted to the TCEQ regional office at least 48 hours prior to the start of any ground disturbance or construction activities. This notice must

- the name of the approved project;

- the activity start date; and - the contact information of the prime contractor.

2. All contractors conducting regulated activities associated with this project should be provided with complete copies of the approved Contributing Zone Plan (CZP) and the TCEQ letter indicating the specific conditions of its approval. During the course of these regulated activities, the contractor(s) should keep copies of the approved plan and approval letter on-

No hazardous substance storage tank shall be installed within 150 feet of a water supply source, distribution system, well, or sensitive feature.

Prior to beginning any construction activity, all temporary erosion and sedimentation (E&S) control measures must be properly installed and maintained in accordance with the manufacturers specifications. If inspections indicate a control has been used inappropriately, or incorrectly, the applicant must replace or modify the control for site situations. These controls must remain in place until the disturbed areas have been permanently stabilized.

Any sediment that escapes the construction site must be collected and properly disposed of before the next rain event to ensure it is not washed into surface streams, sensitive features,

Sediment must be removed from the sediment traps or sedimentation basins when it occupies

7. Litter, construction debris, and construction chemicals exposed to stormwater shall be prevented from being discharged offsite.

8. All excavated material that will be stored on-site must have proper E&S controls.

If portions of the site will have a cease in construction activity lasting longer than 14 days, soil

e MCS Holdings, LLC 0 Pond Springs Rd. Suite A106 ustin, TX 78729 olente l 13200 Houston 78729 **EYL ENGINEERING** ANNING • DESIGN • MANAGEMENT San Felipe Blvd., Ste 200, Austin TX 7872 Texas Firm Registration No. F-678 CONROE BRYAN Pond Notes Detention s and CZP I oiect Δ WQ Pond & D Calculations S MO Design: JR, KR CAD: JW, KR Review: JR Project No: MCS 70398 Sheet: 14 of 30

2023-24-SD

![](_page_99_Figure_0.jpeg)

![](_page_100_Figure_0.jpeg)

![](_page_101_Figure_0.jpeg)

![](_page_102_Figure_0.jpeg)

![](_page_102_Figure_1.jpeg)

![](_page_102_Figure_2.jpeg)

![](_page_102_Picture_3.jpeg)

![](_page_102_Picture_5.jpeg)

![](_page_102_Picture_6.jpeg)

Call Before You Dig!!

Benchmarks BM #100 - "X" Scribed on the Top of Curb set along the Easterly side of the center median. Northing = 10150544.02 Easting = 3086679.18 Elevation = 939.07

BM #101 - "X" Scribed on the Top of Curb set along the Easterly side of the center median. Northing = 10150084.78 Easting = 3086399.083 Elevation = 928.87

The location of all existing utilities shown on these plans has been based upon record information only and may not match locations as constructed. The contractor shall contact Texas 811 for assistance in determining existing utility locations prior to beginning construction. Contractor shall field verify locations of utility crossings prior to beginning construction.

Release of this application does not constitute a verification of all data, information and calculations supplied by the applicant. The engineer of record is solely responsible for the completeness, accuracy and adequacy of his/her submittal, whether or not the application is reviewed for Code compliance by City engineers.

![](_page_102_Figure_12.jpeg)

![](_page_103_Figure_0.jpeg)

![](_page_103_Figure_1.jpeg)

	Existing Designage Support											CN Ca	aiculatio	ns						0		6					
					EXISTI	ng Drainag	ge Summary	/							ks, etc),	ed ays,	20 20 1						Propos	ed Draina	ige Summa		
Arrestated	Total	Area*	Impervio	ous Cover	Pervio	us Cover	Тс	Lag	CN	Atlas	14, 24hr Storm	Water Flow	s ( <i>cfs</i> )	a	- 83 - 83 s, par	- Pav		Americahal	Total	Total Area* Impervious Cover			Pervious Cov		Pervious Cover		Тс
Area Laber	acres	sq mi	acres	%	acres	%	mins	mins	CN	2-yr	10-yr	25-yr	<u>100-yr</u>	je Are	dition dition Lawn: mete	dition Vreas ofs, c	Area	Area Label	acres	sq mi	acres	%	acres	%	mins		
Ex 1	4.29	0.0067	0.00	0.00	4.29	100.00	18.54	11.12	83	10.76	19.57	25.71	36.22	ainag	conce conce ace ()	I Con ous A ts, ro	Total	Pro 1	2.01	0.0031	1.68	83.56	0.33	16.44	5.00		
														ā	Poor Poor n Sp	Good pervi	Is ar	Pro 2	2.28	0.0036	0.00	0.00	2.28	100.00	19.15		
															Ope golf	barki a	STICE										
														ID	AC AC	C AC	AC										
															83 80	98											
														Ex 1	4.29 0.0	0.00	4.29										
														Pro 1	0.00 0.3	3 1.68	2.01										
														Pro 2	2.28 0.0	0.00	2.28						$\neg$ $-$				
																			Ír	Note			) [] e	al Desc	cription		
																			<u> </u>	1010				gui Dese			

	TIME OF CONCENTRATION																				
		OV ERL	AND SHEE	T FLOW			SHALLOW CONCENTRATED FLOW CHANNEL FLOW TOTAL						TOTAL	TOTAL TOTAL TOTAL TOTAL							
Drainage Area ID	E	Length	P2*	Slope	Overland Travel Time	Slope	Distance	Surface ("Paved" or "Unpaved")	Velocity Coefficient**	Velocity	Shallow Concentrated Flow Travel Time	Velocity	Distance	Channel Travel Time	Travel Distance	Time of Concentration (Calculated)	Time of Concentration (Computational)	Lag Time (Calculated)	Lag Time (Computational)		
Name	none	ft	inches	ft/ft	min	ft/ft	ft	type	none	ft/s	min	ft/s	ft	min	ft	min	min	min	min		
Ex 1	0.150	100	3.96	0.0210	8.64	0.0200	585	Unpaved	6.96	0.98	9.90			0.00	685	18.54	18.54	11.12	11.12	111	
Pro 1					°	Time o	of Concent	tration = 5	minutes (D	Developed)					-	5.00	5.00	3.00	3.00	11	С
Pro 2	0.150	100	3.96	0.0200	8.81	0.0200	611	Unpaved	6.96	0.98	10.34			0.00	711	19.15	19.15	11.49	11.49		

	0	posed	Drainage	Area	Ma
--	---	-------	----------	------	----

ן	Note The flow off the site has not been increased from existing condition.	Legal Desci Portion of Lot 1, 1981007534)
	The location of all existing utilities shown on these plans ha	s been based upon

### INLET POST-DEVELOPED RATIONAL METHOD RUNOFF CALCULATIONS

					Cec	dar Park						
								25-Year Storm	100-Year Storm			
Inlet / Sub-	Sub-Basin Area		Impervious	npervious Impervious		Tc	Coefficient	Intensity, I	Runoff, Q	Coefficient	Intensity, I	F
Basin Name	(sq Ft)	(Acres)	Cover (%)	Area (ac)	Area (ac)	(min)	(C)	(in/hr)	(cfs)	(C)	(in/hr)	
A1	30928	0.71	73%	0.52	0.19	5	0.75	11.45	6.08	0.83	15.24	
A2	9583	0.22	97%	0.21	0.01	5	0.87	<b>11.45</b>	2.18	0.95	15.24	
A3	8276	0.19	97%	0.18	0.01	5	0.87	11.45	1.88	0.95	15.24	
<b>B1</b>	3920	0.09	41%	0.04	0.05	5	0.59	11.45	0.61	0.67	15.24	
B2	10019	0.23	97%	0.22	0.01	5	0.87	11.45	2.28	0.95	15.24	
B3	17424	0.40	97%	0.39	0.01	5	0.87	11.45	3.96	0.95	15.24	
<b>B</b> 4	7405	0.17	97%	0.16	0.01	5	0.87	11.45	1.69	0.95	15.24	

Notes:

1 Rainfall Intensity obtained from City of Austin DCM Section 2.4.3, Table 2-2B.

2 Rainfall intensities account for NOAA Atlas 14

	25 YR - INLET CALCULATION TABLE - GRATE INLETS ON-SITE										
Inlet Name	Sub-Basin Area (acres)	Q <sub>25</sub> (cfs)	Inlet Size (ft x ft)		Inlet Type	A <sub>g</sub> (sf)	h (ft)	Q(cap.)* <mark>(</mark> cfs)	Q(cap.)- Q(25) (cfs)	Qcap. > Q25 Yes / No	
A1	0.71	6.08	3.0	х	3.0	Grate Inlet	<mark>6.78</mark>	0.50	11.55	5.47	Yes
A2	0.22	2.18	2.0	X	2.0	Grate Inlet	3.01	0.50	5.13	2.95	Yes
A3	0.19	1.88	2.0	Х	2.0	Grate Inlet	<mark>3.01</mark>	0.50	5.13	3.25	Yes
B1	0.09	0.61	2.0	Х	2.0	Grate Inlet	3.01	0.50	5.13	4.52	Yes
B2	0.23	2.28	2.0	Х	2.0	Grate Inlet	3.01	0.50	<mark>5.13</mark>	2.85	Yes
B3	0.40	3.96	2.0	Х	2.0	Grate Inlet	3.01	0.50	5.13	1.17	Yes
B4	0.17	1.69	2.0	Х	2.0	Grate Inlet	3.01	0.50	5.13	3.45	Yes
Formulas: Notes:	Intercept Flow, C	Q i = 4.82*/	Գ <sub>g</sub> * h^0.5	(Eq. 4-6)	) (COA	A - DCM Sectio	n 4.3.1 (b)	), Eq. 4-1)			

\* Inlet Capacity of a Grate Inlet is reduced by fifty (50) percent to allow for clogging.

![](_page_104_Picture_9.jpeg)

![](_page_104_Figure_10.jpeg)

![](_page_104_Picture_12.jpeg)

locations prior to beginning co construction.	nstruction. Contractor shall field verify locations of utility cros
Release of this application doe	es not constitute a verification of all data, information and ca

![](_page_105_Figure_0.jpeg)

![](_page_106_Figure_0.jpeg)

![](_page_106_Figure_1.jpeg)

EXCLUSIVE 5'X5' WATER AND WASTEWATER EASEMENT (EACH LOT) TEE OR WYE CONNECTION (RESIDENTIAL) . UTILITY CONTRACTOR LEAVE ONE 6" HORIZONTAL WYE AS SHOWN FOR DOUBLE SERVICE CONNECTION - OPENINGS PLUGGED. FOR DOUBLE SERVICE AND NEW MANHOLE COMMERCIAL) INSTALLS OF METER BOX, WATER PIPE, FITTINGS AND VALVE TO INLET SIDE OF METER(S) IN ACCORDANCE WITH INFORMATION SHOWN ON APPLICABLE STANDARD DETAIL SHEET. INSTALLATION TO BE COMPLETED DURING SUBDIVISION CONSTRUCTION – INSPECTION BY WATER AND WASTEWATER CONSTRUCTION INSPECTION PERSONNE **──**|18"|**─**─ 2. CUSTOMER IS RESPONSIBLE FOR METER BOX AND PIPING SYSTEMS UNTIL METER IS INSTALLED AND WASTEWATER IS CONNECTED. ANY MISSING OR DAMAGED PARTS SHALL BE REINSTALLED BY CUSTOMER WHO SHALL GUARANTEE, FOR A PERIOD OF ONE (1) YEAR FROM DATE OF ACCEPTANCE, THAT CONNECTIONS TO CITY SYSTEMS ARE FREE FROM DEFECTS IN WORKMANSHIP OR MATERIALS. CUSTOMER HAS THE RESPONSIBILITY TO ASSURE THAT ALL VALVES AND STOPS, METER BOX AND VERTICAL WYE REMAIN CLEAR OF SIDEWALKS AND OTHER OBSTRUCTIONS 3. CITY OF CEDAR PARK ACTIVITY IS LIMITED TO INSTALLATION OF THE WATER METER AND INSPECTION OF CONNECTIONS TO THE CITY'S WATER AND WASTEWATER SYSTEMS FOR MAINTENANCE PURPOSES, THE CITY'S RESPONSIBILITY ENDS AT THE METER BOX AND AT THE WASTEWATER CONNECTION TO THE HORIZONTAL WYE. 4. ALL WASTEWATER SERVICE LATERALS SHALL SLOPE 1 PERCENT (1/8 INCH PER FOOT) MINIMUM TO MAIN. 5. PIPE IN STREET RIGHT-OF-WAY AND IN EASEMENT AREAS SHALL BE BEDDED WITH MATERIALS REQUIRED BY CITY OF AUSTIN SPECIFICATIONS; AND TO HAVE A MINIMUM COVER BELOW FINAL GRADE OF 42 INCHES. THE ENGINEERING DEPARTMENT MUST SPECIFICALLY APPROVE ANY EXCEPTION. CHECK VALVE PER BUILDING INSPECTION DEPT. 6. CUSTOMER TO PROVIDE CLEANOUT WITHIN 5' P.U.E. 7. CONTRACTOR SHALL PROVIDE ALL MATERIALS & LABOR UNLESS DIRECTED OTHERWISE BY THE CITY UTILITY INSPECTOR. 8. FOR COMMERCIAL SITES, COORDINATE ALL W/WW TAPS WITH THE UTILITY INSPECTOR. 512-401-5550. 9. DO NOT USE DOUBLE WYE OR 4"X6"X4" WYE. SINGLE SERVICES SHALL NOT HAVE ANY WYE INSTALLED. sions mav be increased bv width of walk if walk is located at curb. 10. ALL WW FITTINGS UPSTREAM OF THE SERVICE LATERAL FROM THIS POINT TO BE SOLVENT WELD. DO NOT USE GASKET-TYPE OR PUSH ON FITTINGS FOR \* To be installed and inspected during ++ City Service Center inspects SERVICE LATERALS. subdivision construction. wastewater lines to City's + Building Inspection Department shall inspect customer's wastewater line, <u>except</u> connection at cleanout. 11. GENERAL CONTRACTOR/HOME OR COMMERCIAL BUILDER/PLUMBER SHALL INSTALL AND MAINTAIN A PLUG ON THE CITY SIDE OF THE SERVICE LATERAL AT ALL TIMES UNTIL FINISHED DEVELOPMENT IS APPROVED AND CONNECTED TO THE WASTE WATER SYSTEM. 2" PVC MARKER PIPE /(FOR SERVICE CONNECTION LATER) and water line to customer's shut-CURB & GUTTER 12. INSTALL A 6-INCH INSPECTION PORTAL AT EACH SERVICE CONNECTION FOR EACH NON-RESIDENTIAL BUILDING AT LEAST FIVE FEET OFF THE BUILDING off valve. CLEAN OUT REQUIRED AT PROPERTY LINE OF NON-RESIDENTIAL DEVELOPMENT SHALL MEET INSPECTION PORT CRITERIA. DEPICT THE INSPECTION PORTAL AS A SINGLE "STAR" SYMBOL ON THE WASTEWATER LINE, LABEL AS AN "INSPECTION PORTAL". THE INSPECTION PORTAL SHALL NOT BE INSTALLED AT A CHANGE IN HORIZONTAL OR VERTICAL ALIGNMENT OF THE SEWER LINE AND NOT ON THE EDGE OF A CURB, SIDEWALK OR OTHER HARDSCAPE. AN INSPECTION PORTAL 6" 2-WAY C.O. LOCATED IN A TRAFFIC AREA WILL NEED TO HAVE AN APPROPRIATE TRAFFIC BEARING CAST IRON LID COVERING THE "PVC" THREADED CAP. AN "INSPECTION (4" RESIDENTIAL) PORTAL" IS A SINGLE RISER WITH A "TWO-WAY" CLEANOUT AT THE BOTTOM, NOT A DOUBLE CLEANOUT WHICH HAS TWO RISERS. 13. RESIDENTIAL TO USE 4"(MIN) VERTICAL WYE FITTING FACING THE MAIN IN PLACE OF THE 6" 2-WAY CO REQUIRED BY THE IPT PROGRAM AND COMMERCIAL CODE. (NON RESIDENTIAL APPLICATION SHOWN IN SKETCH.) USE 4" "WYE" FOR RESIDENTIAL SEE 14. CONNECTIONS CLASSIFIED AS "HEALTH HAZARD" BY INDUSTRIAL PRETREATMENT PROGRAM SHALL HAVE REDUCED PRESSURE ZONE ASSEMBLY (RPZ) AS NOTE 13 REQUIRED BY 30 TAC 290.47(f) REF TO 18.09. 15. SITE THAT UTILIZES AN AUXILIARY WATER SOURCE (WELL, RAINWATER HARVESTER, ETC.) ARE CLASSIFIED AS HIGH HAZARD AND SHALL INSTALL AN RPZ ON - Con 10 ALL WATER SERVICES TO THE SITE (DOMESTIC AND IRRIGATION). WELLS SHALL BE PLUGGED IN ACCORDANCE WITH 16 TAC SECTION 17.104 AND LISTED IN THE STATE WELL DATABASE. 16" HORIZONTAL WYE " " WASTEWATER LINE+ (6" COMMERCIAL) (WAY REDUCE TO 4" 16. COMMERCIAL DEVELOPMENT REQUIRING A GRINDER PUMP SHALL LOCATE THE GRINDER PUMP INSIDE THE BUILDING. ON RESIDENTIAL HERE-NOT SHOWN) 17. ALL PIPE DOWNSTREAM OF THE C.O. NEAR THE R-O-W, IS CITY-MAINTAINED. CONTACT CITY FOR PUBLIC UTILITY ISSUE AT 512-401-5550 STANDARD CONNECTION DETAIL CITY OF CEDAR PARK FOR WASTE WATER SERVICE 18. NO METER, CLEAN-OUT, VALVE, VAULT, OR UTILITY APPURTENANCE, MAY BE UNDER OR WITHIN A DRIVEWAY, SIDEWALK, OR IMPERVIOUS HARDSCAPE. 
 DOPTED:
 9–18–2020

 SCALE:
 NTS

 INITIAL:
 TD
 19. NO SIGNS SHALL BE PERMITTED IN ANY UTILITY EASEMENT OR RIGHT-OF-WAY. ENGINEERING DEPARTMENT

![](_page_107_Figure_4.jpeg)

![](_page_107_Picture_5.jpeg)


CAD: JW, KR Review: JR Project No: MCS 70398

Sheet: 24 of 30

2023-24-SD



$\frac{150 \text{ mm}}{(6'')} \underbrace{150 \text{ mm}}_{(6'')} \underbrace{150 \text{ mm}}_{(6'')} \underbrace{150 \text{ mm}}_{(6'')} \underbrace{100 \text{ mm}}_{(4'')} \underbrace{100 \text{ mm}}_{(12'')} \underbrace{100 \text{ mm}}_{(12''')} \underbrace{100 \text{ mm}}_{(12''')} \underbrace{100 \text{ mm}}_{(12''')} \underbrace{100 \text{ mm}}_{(12''')} \underbrace{100 \text{ mm}}_{(12'''')} \underbrace{100 \text{ mm}}_{(12''''')} \underbrace{100 \text{ mm}}_{(12'''''''')} \underbrace{100 \text{ mm}}_{(12''''''$			Revision Date By App Comment
A 450 mm (18") 500 mm (22") 600 mm (24") 675 mm (27")   B 750 mm 800 mm (32") 850 mm (1.05 m (42")) 1.27 m (51")   D 150 mm 200 mm 250 mm (10") 300 mm 375 mm (12")   L 600 mm 600 mm (24") 750 mm (30")   V 100 mm (24") 750 mm (12")   L 600 mm 600 mm (24") 750 mm (36")	Prepared For: Volente MCS Holdings, LLC	13200 Pond Springs Rd. Suite A106 Austin, TX 78729	
PY OF AUSTIN HEADWALL FOR FILTRATION PONDS W/OUTFALL   PIPE 150 mm (6") T0 375 mm (15") DIA.   COPY SIGNED 3/15/05   ADOPTED ADOPTED   STANDARD NO.   OF THIS STANDARD.   20PT SIGNED   3/15/05   ADOPTED   ADOPTED   OF THIS STANDARD.   20PT SIGNED   20PT SIGNED   3/15/05   ADOPTED   DE FINIS STANDARD.   STANDARD.   STANDARD.   20PT SIGNED   20PT SIGN	BLEYL ENGINEERING	Texas Firm Registration No. F-678 Tel. 512-454-2400 Www.bleylengineering.com	AUSTIN BRYAN CONROE HOUSTON
	Construction Details - 4	MCS Project 1840 Little Elm Trail Cedar Park Texas 78613	Williamson County
	Design: JR, KR CAD: JW, KR Review: JR Project No: MCS 70398 Sheet: <b>25</b> of <b>30</b> <b>2023-24-SD</b>		