Bryan W. Shaw, Ph.D., P.E., *Chairman* Toby Baker, *Commissioner* Jon Niermann, *Commissioner* Richard A. Hyde, P.E., *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

July 13, 2016

RECEIVED

Mr. Ed Thomas Bracken Christian School of Bulverde 670 Old Boerne Road Bulverde, Texas 78163

JUL 27 2016 COUNTY ENGINEER

Re: Edwards Aquifer, Comal County

NAME OF PROJECT: Bracken Christian School; Located at 670 Old Boerne Road; Bulverde, Texas

TYPE OF PLAN: Request for Approval of a Contributing Zone Plan (CZP); 30 Texas Administrative Code (TAC) Chapter 213 Subchapter B Edwards Aquifer

Regulated Entity No. RN101248599; Additional ID No. 13000148

Dear Mr. Thomas:

The Texas Commission on Environmental Quality (TCEQ) has completed its review of the CZP Application for the above-referenced project submitted to the San Antonio Regional Office by Pape Dawson Engineers, Inc. on behalf of Bracken Christian School of Bulverde on May 3, 2016. Final review of the CZP was completed after additional material was received on June 3, 2016 and June 16, 2016. As presented to the TCEQ, the Temporary Best Management Practices (BMPs) were selected and construction plans were prepared by a Texas Licensed Professional Engineer to be in general compliance with the requirements of 30 TAC Chapter 213. These planning materials were sealed, signed and dated by a Texas Licensed Professional Engineer. Therefore, based on the engineer's concurrence of compliance, the planning materials for construction of the proposed project and pollution abatement measures are hereby approved subject to applicable state rules and the conditions in this letter. The applicant or a person affected may file with the chief clerk a motion for reconsideration of the executive director's final action on this Edwards Aquifer Protection Plan. A motion for reconsideration must be filed no later than 23 days after the date of this approval letter. This approval expires two (2) years from the date of this letter unless, prior to the expiration date, more than 10 percent of the construction has commenced on the project or an extension of time has been requested.

PROJECT DESCRIPTION

The proposed commercial project will have an area of approximately 19.62 acres. It will include the construction of one 4,000 square foot building. The impervious cover will be 3.71 acres (18.9 percent). Of the 3.71 acres of impervious cover, 3.32 acres was constructed prior to the effective rule date of 30 TAC Chapter 213, Subchapter B. The 0.39 acres of regulated impervious cover constructed after the effective rule date consists of one new building, the expansion of two existing buildings, and additional parking area. Wastewater will be treated by one of two existing on-site sewage facilities.

TCEQ Region 13 • 14250 Judson Rd. • San Antonio, Texas 78233-4480 • 210-490-3096 • Fax 210-545-4329

Mr. Ed Thomas July 13, 2016 Page 2

PERMANENT POLLUTION ABATEMENT MEASURES

This school will not have more than 20 percent impervious cover.

SPECIAL CONDITIONS

- I. Within 60 days of receiving written approval of an Edwards Aquifer Protection Plan, the applicant must submit to the San Antonio Regional Office, proof of recordation of notice in the county deed records, with the volume and page number(s) of the county deed records of the county in which the property is located. A description of the property boundaries shall be included in the deed recordation in the county deed records. A suggested format (Deed Recordation Affidavit, TCEQ-0625A) that you may use to deed record the approved CZP is enclosed.
- II. The applicant requested a waiver to the requirement for other permanent BMPs for this commercial project because the development will have less than 20 percent impervious cover. Based on the TCEQ's review of the proposed activities and the site conditions, the required waiver is granted. If the percent impervious cover ever increases above 20 percent or the land use changes, the exemption for the whole site as described in the Contributing Zone Plan may no longer apply and the property owner must notify the San Antonio Regional Office of these changes.

STANDARD CONDITIONS

- 1. Pursuant to Chapter 7 Subchapter C of the Texas Water Code, any violations of the requirements in 30 TAC Chapter 213 may result in administrative penalties.
- 2. The holder of the approved Edwards Aquifer protection plan must comply with all provisions of 30 TAC Chapter 213 and all best management practices and measures contained in the approved plan. Additional and separate approvals, permits, registrations and/or authorizations from other TCEQ Programs (i.e., Stormwater, Water Rights, UIC) can be required depending on the specifics of the plan.
- 3. In addition to the rules of the Commission, the applicant may also be required to comply with state and local ordinances and regulations providing for the protection of water quality.

Prior to Commencement of Construction:

- 4. All contractors conducting regulated activities at the referenced project location shall be provided a copy of this notice of approval. At least one complete copy of the approved Contributing Zone Plan and this notice of approval shall be maintained at the project location until all regulated activities are completed.
- 5. Any modification to the activities described in the referenced CZP application following the date of approval may require the submittal of a plan to modify this approval, including the payment of appropriate fees and all information necessary for its review and approval prior to initiating construction of the modifications.
- 6. The applicant must provide written notification of intent to commence construction, replacement, or rehabilitation of the referenced project. Notification must be submitted to the San Antonio Regional Office no later than 48 hours prior to commencement of the regulated activity. Written notification must include the name of the approved plan and file number for the regulated activity, the date on which the regulated activity will commence, and the name of the prime contractor with the name and telephone number of the contact person.

Mr. Ed Thomas July 13, 2016 Page 3

7. Temporary erosion and sedimentation (E&S) controls, i.e., silt fences, rock berms, stabilized construction entrances, or other controls described in the approved Storm Water Pollution Prevention Plan (SWPPP) must be installed prior to construction and maintained during construction. Temporary E&S controls may be removed when vegetation is established and the construction area is stabilized. If a water quality pond is proposed, it shall be used as a sedimentation basin during construction. The TCEQ may monitor stormwater discharges from the site to evaluate the adequacy of temporary E&S control measures. Additional controls may be necessary if excessive solids are being discharged from the site.

During Construction:

- 8. During the course of regulated activities related to this project, the applicant or his agent shall comply with all applicable provisions of 30 TAC Chapter 213, Edwards Aquifer. The applicant shall remain responsible for the provisions and conditions of this approval until such responsibility is legally transferred to another person or entity.
- 9. If sediment escapes the construction site, the 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). Sediment must be removed from sediment traps or sedimentation ponds not later than when design capacity has been significantly reduced. 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).
- 10. Intentional discharges of sediment laden water are not allowed. If dewatering becomes necessary, the discharge will be filtered through appropriately selected best management practices. These may include vegetated filter strips, sediment traps, rock berms, silt fence rings, etc.
- 11. The following records shall be maintained and made available to the executive director upon request: 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.
- 12. Stabilization measures shall be initiated as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, and construction activities will not resume within 21 days. When the initiation of stabilization measures by the 14th day is precluded by weather conditions, stabilization measures shall be initiated as soon as practicable.
- 13. This approval does not authorize the installation of temporary aboveground storage tanks on this project. If the contractor desires to install a temporary aboveground storage tank for use during construction, an application to modify this approval must be submitted and approved prior to installation. The application must include information related to tank location and spill containment. Refer to Standard Condition No. 5, above.

After Completion of Construction:

- 14. Owners of permanent BMPs and measures must insure that the 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 San Antonio Regional Office within 30 days of site completion.
- 15. The applicant shall be 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

Mr. Ed Thomas July 13, 2016 Page 4

> 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. A copy of the transfer of responsibility must be filed with the executive director through the San Antonio Regional Office within 30 days of the transfer. A copy of the transfer form (TCEQ-10263) is enclosed.

- 16. Upon legal transfer of this property, the new owner(s) is required to comply with all terms of the approved Contributing Zone Plan. If the new owner intends to commence any new regulated activity on the site, a new Contributing Zone Plan that specifically addresses the new activity must be submitted to the executive director. Approval of the plan for the new regulated activity by the executive director is required prior to commencement of the new regulated activity.
- 17. A Contributing Zone Plan approval or extension will expire and no extension will be granted if more than 50 percent of the total construction has not been completed within ten years from the initial approval of a plan. A new Contributing Zone Plan must be submitted to the San Antonio Regional Office with the appropriate fees for review and approval by the executive director prior to commencing any additional regulated activities.
- 18. At project locations where construction is initiated and abandoned, or not completed, the site shall be returned to a condition such that the aquifer is protected from potential contamination.

This action is taken under authority delegated by the Executive Director of the Texas Commission on Environmental Quality. If you have any questions or require additional information, please contact Joshua Vacek of the Edwards Aquifer Protection Program of the San Antonio Regional Office at 210-403-4028.

Sincerely,

Lynn Bumguardner, Water Section Manager San Antonio Region Texas Commission on Environmental Quality

LB/JV/eg

Enclosure: Deed Recordation Affidavit, Form TCEQ-0625A

Mr. Dennis Rion, P.E., Pape Dawson Engineers, Inc.
 Mr. Roland Ruiz, Edwards Aquifer Authority
 Mr. Thomas H. Hornseth, P.E., Comal County Engineer
 The Honorable Bill Krawietz, City of Bulverde
 Mr. George Wissmann, Comal Trinity Water Groundwater Conservation District
 TCEQ Central Records, Building F, MC212

June 16, 2016

RECEIVED

JUN 29 2016

COUNTY ENGINEER

Mr. Joshua Vacek TCEQ - Edwards Aquifer Protection Program 14250 Judson Road San Antonio, Texas 78233

Re: Bracken Christian School CZP Regulated Entity No. RN 101248599; Additional ID No. 13000148 Response to Notice of Deficiency (NOD2)

Dear Mr. Vacek:

The following is a response to the comment from your office dated June 14, 2016, regarding the Contributing Zone Plan (CZP) Application technical review for the above-referenced project. A copy of the comment email is attached for your reference.

PAPE-DAWSON

ENGINEERS

1. It is understood that 0.28 acres of roof area were added between 2005 and 2015, as shown on the provided satellite images. However, satellite imagery also shows that an area of parking was added between 2012 and 2014. The satellite images showing the changes have been attached to this document with the area in question is highlighted by the red box. The additional parking shown also needs to be accounted for in any impervious cover constructed after the 20 TAC 213 Subchapter B rule date. Please provide the amount of parking that was added to the property since the effective rule date.

Response: The additional parking area referenced would account for a change of 5,000 sq.ft., or 0.11 acres, of additional impervious cover from 2005 to 2015. Therefore, by adding the previously-referenced 0.28 of roof area to this number the total would be 0.39 acres of impervious cover that was constructed after the 20 TAC 213 Subchapter B rule date. This does not change the total impervious cover, to date, which is still below 20%.

2. A smaller structure has also been highlighted on the 2014 satellite image. Please identify this structure and if it is considered impervious, it will also needs to be accounted for.

Response: The referenced rectangle is a sand volleyball court and therefore not impervious cover.

TBPE Firm Registration #470 | TBPLS Firm Registration #10028800 San Antonio | Austin | Houston | Fort Worth | Dallas Transportation | Water Resources | Land Development | Surveying | Environmental

2000 NW Loop 410, San Antonio, TX 78213 T: 210.375.9000 www.Pape-Dawson.com

Mr. Joshua Vacek Bracken Christian School CZP (RN 101248599) Response to NOD2 June 16, 2016 Page 2 of 2

Your prompt attention to this submittal is greatly appreciated. Please do not hesitate to contact our office if you have further questions or require additional information.

Sincerely, Pape-Dawson Engineers, Inc.

0

Dennis Rion, P.E. Executive Vice President

P:\110\48\00\Word\Report\CZP\NOD2\160615A1 NOD2.docx



	Fax	Cover Sheet
Protecting Texas by Reducing and Preventing Pollution		
	-	Ed Thomas Bracken Christian School of Bulverde
	Fax:	830-980-2327
	From:	Mr. Joshua Vacek
	Division :	Edwards Aquifer Protection Program Texas Commission on Environmental Quality
	Phone:	

Re: Edwards Aquifer, Comal County

Name of Project: Bracken Christian School; Located at 670 Old Boerne Road; Bulverde, Texas

Plan Type: Request for Approval of a Contributing Zone Plan (CZP); 30 Texas Administrative Code (TAC) Chapter 213 Subchapter B Edwards Aquifer

Regulated Entity No. RN101248599; Additional ID No. 13000148

Dear Mr. Rion:

We are in the process of technically reviewing the CZP application and amended materials, submitted on June 3, 2016, on the above-referenced project. Before we can proceed with our review, the following comments relating to the application must be addressed.

 It is understood that 0.28 acres of roof area were added between 2005 and 2015, as shown on the provided satellite images. However, satellite imagery also shows that an area of parking was added between 2012 and 2014. The satellite images showing the changes have been attached to this document with the area in question is highlighted by the red box. The additional parking shown also needs to be accounted for in any impervious

page 2

cover constructed after the 20 TAC 213 Subchapter B rule date. Please provide the amount of parking that was added to the property since the effective rule date.

2. A smaller structure has also been highlighted on the 2014 satellite image. Please identify this structure and if it is considered impervious, it will also needs to be accounted for.

We ask that you submit one original and five copies of the amended materials to supplement the application to this office by no later than **14 days from the date of this fax** to avoid denial of the plan. If the response to this notice is not received, is incomplete or inadequate, or provides new information that is incomplete or inadequate, a second notice will be sent to you requiring a response within 14 days from the notice date. 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 will be denied unless you provide written notification that the application is being withdrawn. Please note that the application fee will be forfeited if the plan is not withdrawn. If you have any questions or require additional information, please contact Mr. Joshua Vacek of the Edwards Aquifer Protection Program of the San Antonio Regional Office at (210) 403-4028.







June 3, 2016

Mr. Joshua Vacek TCEQ - Edwards Aquifer Protection Program 14250 Judson Road San Antonio, Texas 78233



APE-DAWSON

ENGINEERS

TCEO R-13 2016 JUN 03 13:54

Re: Bracken Christian School CZP Regulated Entity No. RN 101248599; Additional ID No. 13000148 Response to Notice of Deficiency (NOD1)

Dear Mr. Vacek:

The following is a response to the comment from your office dated May 27, 2016, regarding the Contributing Zone Plan (CZP) Application technical review for the above-referenced project. A copy of the comment email is attached for your reference.

1. The application states that the current 3.62 acres of impervious cover on site was constructed prior to the June 1, 1999 effective rule date of 30 TAC 213 Subchapter B." However, satellite imagery shows that some impervious cover was constructed after the Subchapter B effective rule date. Please provide documentation demonstrating the regulatory status of all existing impervious cover. Please amend the application, as necessary, to account for all impervious cover constructed after the Subchapter B effective rule date.

Response: Please refer to attached aerial imagery exhibits of the site. The current impervious cover as stated in the application is 3.62 acres. Imagery from 1995 is not clear enough for a baseline of the 1999 effective date therefore imagery from 2005 is included. Based on the comparison of 2005 and 2015 images there was an increase of 0.28 acres of roof area added in that time. Taking this into account the grandfathered area would be 3.34 acres. This pre-existing impervious cover and the additional proposed 4,000 sf field house will still keep the total impervious cover below 20%.

Your prompt attention to this submittal is greatly appreciated. Please do not hesitate to contact our office if you have further questions or require additional information.

Sincerely, Pape-Dawson Engineers, Inc.

Dennis Rion, P.E.

Executive Vice President

P 110 48 00 Word Report CZP NOD1 160602A1 NOD1 docx

TBPE Firm Registration #470 | TBPLS Firm Registration #10028800 San Antonio I. Austin I. Houston I. Fort Worth I. Dallas Transportation) Water Resources J Land Development) Surveying J Environmental

2000 NW Loop 410 San Antonio, TX 78213 T: 210.375.9000 www.Pape-Dawson.com

	Fax Cover Sheet
Protecting Texas by Reducing and Preventing Pollution	Number of Pages: (including this sheet) 2 Date: May 27, 2016 To: Dennis Rion, P.E. Organization: Pape Dawson Engineers, Inc. Fax: 210-375-9010
	To:Ed ThomasOrganization:Bracken Christian School of BulverdeFax:830-980-2327
	From: Mr. Joshua Vacek Division : Edwards Aquifer Protection Program Texas Commission on Environmental Quality
	Phone: 210-403-4028 Fax: 210-545-4329
	Re: Edwards Aquifer, Comal County Name of Project: Bracken Christian School; Located at 670 Old Boerne Road; Bulverde, Texas Plan Type: Request for Approval of a Contributing Zone Plan (CZP); 30 Texas Administrative Code (TAC) Chapter 213 Subchapter B Edwards Aquifer Regulated Entity No. RN101248599; Additional ID No. 13000148
	Dear Mr. Rion: We are in the process of technically reviewing the CZP application you submitted on the above-referenced project. Before we can proceed with our review, the following comments relating to the application must be addressed.
	 The application states that the current 3.62 acres of impervious cover on site was constructed prior to the June 1, 1999 effective rule date of 30 TAC 213 Subchapter B. However, satellite imagery shows that some impervious cover was constructed after the Subchapter B effective rule date. Please provide documentation demonstrating the regulatory status of all existing impervious cover. Please amend the application, as necessary, to account
	How is our customer service? www.tceq.texas.gov/customersurvey

for all impervious cover constructed after the Subchapter B effective rule date.

We ask that you submit one original and five copies of the amended materials to supplement the application to this office by no later than **14 days from the date of this fax** to avoid denial of the plan. If the response to this notice is not received, is incomplete or inadequate, or provides new information that is incomplete or inadequate, a second notice will be sent to you requiring a response within 14 days from the notice date. 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 will be denied unless you provide written notification that the application is being withdrawn. Please note that the application fee will be forfeited if the plan is not withdrawn. If you have any questions or require additional information, please contact Mr. Joshua Vacek of the Edwards Aquifer Protection Program of the San Antonio Regional Office at (210) 403-4028.

Legend

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- Indonesia

Bracken Christian School

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Bryan W. Shaw, Ph.D., Chairman Toby Baker, Commissioner Jon Niermann, Commissioner Richard A. Hyde, P.E., Executive Director

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COUNTY ENGINEER TEXAS COMMISSION ON ENVIRONMENTAL OUALITY

RECEIVED

MAY 0 5 2016

Protecting Texas by Reducing and Preventing Pollution

May 3, 2016

RECEIVED

Mr. Thomas H. Hornseth, P.E. **Comal County Engineer** 195 David Jonas Drive New Braunfels TX 78132-3710 MAY 0 5 2016

COUNTY ENGINEER

Edwards Aquifer, Comal County Re: PROJECT NAME: Bracken Christian School, located at 670 Old Boerne Road, Bulverde, Texas

PLAN TYPE: Application for Contributing Zone Water Pollution Abatement Plan (CZP) 30 Texas Administration Code (TAC) Chapter 213; Edwards Aquifer Protection Program

Dear Mr. Hornseth:

The referenced application is being forwarded to you pursuant to the Edwards Aquifer Rules. The Texas Commission on Environmental Quality (TCEQ) is required by 30 TAC Chapter 213 to provide copies of all applications to affected incorporated cities and underground water conservation districts for their comments prior to TCEQ approval. More information regarding this project may be obtained from the TCEQ Central Registry website at http://www.tceq.state.tx.us/permitting/central_registry/.

Please forward your comments to this office by June 3, 2016.

The Texas Commission on Environmental Quality appreciates your assistance in this matter and your compliance efforts to ensure protection of the State's environment. If you or members of your staff have any questions regarding these matters, please feel free to contact the San Antonio Region Office at (210) 490-3096.

Sincerely

Todd Jones, Water Section Work Leader San Antonio Regional Office

TJ/eg

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San Artonio - Austin Houston Fort Worth - Da las

RECEIVED

MAY 0 5 2016

COUNTY ENGINEER

BRACKEN CHRISTIAN SCHOOL Contributing Zone Plan Application

RECEIVED TCEQ-R13 (EAPP) MAY 0 3 2016 SAN ANTONIO

May 2016

RECEIVED MAY 0 5 2016

BRACKEN CHRISTIAN SCHOOL Contributing Zone Plan Application



TBPE, Firm Registration # 470 | TBPLS, Firm Registration # 10028800 |TBPG, Firm Registration #50351



APE-DAWSON

May 3, 2016

Mr. Todd Jones Texas Commission on Environmental Quality (TCEQ) Region 13 14250 Judson Road San Antonio, Texas 78233-4480

Re: Bracken Christian School Contributing Zone Plan Application

Dear Mr. Jones:

Please find attached one (1) original and five (5) copies of the Bracken Christian School Contributing Zone Exception Application. This Contributing Zone Plan Application has been prepared in accordance with the Texas Administrative Code (30 TAC 213) and current policies for development over the Edwards Aquifer Contributing Zone.

This Contributing Zone Exception Application applies to an approximate 19.62-acre site as identified by the project limits. Please review the plan information for the items it is intended to address. If acceptable, please provide a written approval of the plan in order that construction may begin at the earliest opportunity.

Appropriate review fees (\$6,500) and fee application are included. If you have questions or require additional information, please call our office.

Sincerely, Pape-Dawson Engineers, Inc.

Dennis Rion, P.E.

Executive Vice President

Attachments

P.\110\48\00\Word\Report\CZP\Cover Letter.docx

TBPE Firm Registration #4701TBPLS Firm Registration #1002B800 San Antonio | Austin | Houston | Fort Worth | Dallas

Transportation (Water Resources | Land Development | Surveying | Environmental 2000 NW Loop 410, San Antonio, TX 78213 T: 210.375.9000 www.Pape-Dawson.com

EDWARDS AQUIFER APPLICATION COVER PAGE (TCEQ-20705)

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 if not withdrawn the application will be denied and 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 to you:

- You can withdraw your application, and your fees will be refunded or credited for a resubmittal.
- 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 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 effected 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

1. Regulated Entity Name: Bracken Christian School				ool	2. Regulated Entity No.: 101248599				
3. Customer Name: Bracken Christ Bulverde			tian School of		4. Customer No.: 600684286			286	
5. Project Type: (Please circle/check one)	New		Modif	icatior	n	Exter	nsion	Exception	
6. Plan Type: (Please circle/check one)	WPAP	CZP	SCS	UST	AST	EXP	EXT	Technical Clarification	Optional Enhanced Measures
7. Land Use: (Please circle/check one)			Non-residential		8. Sit		te (acres):	19.62	
9. Application Fee:	\$6,500 10. Permanent		BMP(s):					
11. SCS (Linear Ft.): 12. AST/UST (N		o. Tar	o. Tanks):						
13. County: Comal		14. Watershed:				Cibolo Creek			

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

Application Distribution

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

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

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

Austin Region					
Hays	Travis	Williamson			
_	_				
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_					
Edwards Aquifer Authority Barton Springs/ Edwards Aquifer Hays Trinity Plum Creek	Barton Springs/ Edwards Aquifer	NA			
Austin Buda Dripping Springs Kyle Mountain City San Marcos Wimberley Woodcreek	Austin Bee Cave Pflugerville Rollingwood Round Rock Sunset Valley West Lake Hills	Austin Cedar Park Florence Georgetown Jerrell Leander Liberty Hill Pflugerville Round Rock			
	Hays ————————————————————————————————————	HaysTravis			

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

I certify that to the best of my knowledge, that the application is complete and accurate. This application is hereby submitted to TCEQ for administrative review and technical review.		
Dennis Rion, P.E.		
Print Name of Customer/Authorized Agent		
5-03-16		
Signature of Customer/Authonized Agent Date		

FOR TCEQ INTERNAL USE ONLY		
Date(s)Reviewed:	Date Administratively Complete:	
Received From:	Correct Number of Copies:	
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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 APPLICATION (TCEQ-10257)

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: Dennis Rion, P.E.

Date: 5-03-16

Signature of Customer/Agent:

Regulated Entity Name: Bracken Christian School

Project Information

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

Contact Person: <u>Ed Thomas</u> Entity: <u>Bracken Christian School of Bulverde</u> Mailing Address: <u>670 Old Boerne Road</u> City, State: <u>Bulverde, Texas</u> Telephone: <u>(830)980-3267</u> Email Address: _____

Zip: <u>78163</u> Fax: <u>(830)980-2327</u>

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5. Agent/Representative (If any):

Contact Person: <u>Dennis Rion, P.E.</u> Entity: <u>Pape Dawson Engineers, Inc.</u> Mailing Address: <u>2000 NW Loop 410</u> City, State: <u>San Antonio, TX</u> Telephone: <u>210-375-9000</u> Email Address: <u>DRion@pape-dawson.com</u>

Zip: <u>78213</u> Fax: <u>210-375-9010</u>

- 6. Project Location:
 - The project site is located inside the city limits of _____.
 - The project site is located outside the city limits but inside the ETJ (extra-territorial jurisdiction) of <u>Bulverde</u>.
 - The project site is not located within any city's limits or ETJ.
- 7. X 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.
 - From TCEQ regoinal office proceed 2.5 miles to Loop 1604 North. Turn left on Loop
 1604 and travel West approximately 0.5 miles to US 281 N. Turn Right onto US 281
 N and proceed approximately 13.2 miles to TX 46 W. Turn left onto Texas 46 W.
 Proceed approximately 0.7 Miles and turn left onto Old Boerne Road. The site will
 be approximatley 0.6 miles on the right. The site address is 670 Old Boerne Rd,
 Bulverde, Texas 78163.
- 8. Attachment A Road Map. A road map showing directions to and the location of the project site is attached. The map clearly shows the boundary of the project site.
- 9. Attachment B USGS Quadrangle Map. A copy of the official 7 ½ minute USGS Quadrangle Map (Scale: 1" = 2000') is attached. The map(s) clearly show:
 - Project site boundaries. USGS Quadrangle Name(s).
- 10. Attachment C Project Narrative. A detailed narrative description of the proposed project is attached. The project description is consistent throughout the application and contains, at a minimum, the following details:

\boxtimes	Area of the site
	Offsite areas
\boxtimes	Impervious cover
	Permanent BMP(s)
\boxtimes	Proposed site use
\boxtimes	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:



13. Total project area (size of site): 19.62 Acres

Total disturbed area: 0.5 Acres

- 14. Estimated projected population: $\underline{0}$
- 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	4,000	÷ 43,560 =	0.09
Parking		÷ 43,560 =	
Other paved surfaces	157,687	÷ 43,560 =	3.62
Total Impervious Cover	161,687	÷ 43,560 =	3.71

Total Impervious Cover 3.71 ÷ Total Acreage 19.62 X 100 = 18.9% 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 x W = _____ $Ft^2 \div 43,560 Ft^2/Acre = _____ acres.$

21. Pavement Area:

Length of pavemer	t area: feet.		
Width of pavement	t area: feet.		
$L \times W = $ Ft ² ÷	43,560 Ft ² /Acre = ac	res.	
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. A 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 _____ (name) Treatment Plant. The treatment facility is:

Existing.

___ N/A

Permanent Aboveground Storage Tanks(ASTs) ≥ 500 Gallons

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

⊠N/A

27. Tanks and substance stored:

Table 2 - Tanks and Substance Storage

AST Number	Size (Gallons)	Substance to be Stored	Tank Material
1			
2			
3			

AST Number	Size (Gallons)	Substance to be Stored	Tank Material
4			
5			

Total x 1.5 = ____ Gallons

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

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

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

Table 3 - Secondary Containment

Length (L)(Ft.)	Width(W)(Ft.)	Height (H)(Ft.)	L x W x H = (Ft3)	Gallons
_				

Total: _____ Gallons

30. Piping:

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

The piping will be aboveground

The piping will be underground

- 31. The containment area must be constructed of and in a material impervious to the substance(s) being stored. The proposed containment structure will be constructed of:
- 32. Attachment H AST Containment Structure Drawings. A scaled drawing of the containment structure is attached that shows the following:

] Interior dimensions (length, width, depth and wall and floor thickness).

Internal drainage to a point convenient for the collection of any spillage.

- Tanks clearly labeled
- Piping clearly labeled

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

Site Plan Scale: 1'' = 50'.

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): DFIRM (Digital Flood Insurance Rate Map for Comal County, Texas and incorporated areas) Panel Number: 48091C0220F dated September 2, 2009...

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.

 \bigotimes 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. \times 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. \times 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).

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🛛 N/A

43. Locations where stormwater discharges to surface water.

There will be no discharges to surface water.

44. Temporary aboveground storage tank facilities.

Temporary aboveground storage tank facilities will not be located on this site.

45. Permanent aboveground storage tank facilities.

Permanent aboveground storage tank facilities will not be located on this site.

46. \boxtimes Legal boundaries of the site are shown.

Permanent Best Management Practices (BMPs)

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

47. Permanent BMPs and measures must be implemented to control the discharge of pollution from regulated activities after the completion of construction.

🛛 N/A

- 48. These practices and measures have been designed, and will be constructed, operated, and maintained to insure that 80% of the incremental increase in the annual mass loading of total suspended solids (TSS) from the site caused by the regulated activity is removed. These quantities have been calculated in accordance with technical guidance prepared or accepted by the executive director.
 - The TCEQ Technical Guidance Manual (TGM) was used to design permanent BMPs and measures for this site.
 - A technical guidance other than the TCEQ TGM was used to design permanent BMPs and measures for this site. The complete citation for the technical guidance that was used is: _____.

🛛 N/A

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

🛛 N/A

50. Where a site is used for low density single-family residential development and has 20 % or less impervious cover, other permanent BMPs are not required. This exemption from permanent BMPs must be recorded in the county deed records, with a notice that if the percent impervious cover increases above 20% or land use changes, the exemption for the whole site as described in the property boundaries required by 30 TAC §213.4(g) (relating to

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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.

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

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

59. The applicant is responsible for maintaining the permanent BMPs after construction until such time as the maintenance obligation is either assumed in writing by another entity having ownership or control of the property (such as without limitation, an

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owner's association, a new property owner or lessee, a district, or municipality) or the ownership of the property is transferred to the entity. Such entity shall then be responsible for maintenance until another entity assumes such obligations in writing or ownership is transferred.

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

Administrative Information

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

ATTACHMENT A

BRACKEN CHRISTIAN SCHOOL Contributing Zone Plan

NOT TO SCALE



Pape-Dawson Engineers, Inc. Date: Apr 07, 2016, 8: 34am User ID: ROlivarez File: P: \110\48\00\Design\Environmental\RM11048D0.dwg ATTACHMENT A Road Map

ATTACHMENT B



ANHALT, TX QUAD; BATCAVE, TX QUAD; BULVERDE, TX QUAD; LONGHORN, TX QUAD; SCHERTZ, TX QUAD; SMITHSON VALLEY, TX QUAD

MATCHLINE See Sheet 2 of 5

Pape-Dawson Engineers, Inc.

USGS/EDWARDS RECHARGE ZONE MAP Sheet 1 Of 5 ATTACHMENT B



ANHALT, TX QUAD; BATCAVE, TX QUAD; BULVERDE, TX QUAD; LONGHORN, TX QUAD; SCHERTZ, TX QUAD; SMITHSON VALLEY, TX QUAD Pape-Dawson Engineers, Inc.

MATCHLINE See Sheet 3 of 5

USGS/EDWARDS RECHARGE ZONE MAP Sheet 2 Of 5 ATTACHMENT B



ANHALT, TX QUAD; BATCAVE, TX QUAD; BULVERDE, TX QUAD; LONGHORN, TX QUAD; SCHERTZ, TX QUAD; SMITHSON VALLEY, TX QUAD Pape-Dawson Engineers, Inc.

MATCHLINE See Sheet 4 of 5

USGS/EDWARDS RECHARGE ZONE MAP Sheet 3 Of 5 ATTACHMENT B

BRACKEN CHRISTIAN SCHOOL Contributing Zone Plan





ANHALT, TX QUAD; BATCAVE, TX QUAD; BULVERDE, TX QUAD; LONGHORN, TX QUAD; SCHERTZ, TX QUAD; SMITHSON VALLEY, TX QUAD



USGS/EDWARDS RECHARGE ZONE MAP Sheet 4 Of 5 ATTACHMENT B



ANHALT, TX QUAD; BATCAVE, TX QUAD; BULVERDE, TX QUAD; LONGHORN, TX QUAD; SCHERTZ, TX QUAD; SMITHSON VALLEY, TX QUAD

Pape-Dawson Engineers, Inc.

USGS/EDWARDS RECHARGE ZONE MAP Sheet 5 Of 5 ATTACHMENT B

ATTACHMENT C

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Attachment C - Project Narrative

Bracken Christian School is an Elementary and Secondary School in the Extra-Territorial Jurisdiction (ETJ) of The City of Bulverde in Comal County, Texas. Approximately 3.62 acres (or 18.5% of the 19.62 acres site) is the current impervious cover for buildings, sidewalk, parking and drives. Existing impervious cover predates the §213.20 effective adopted date of June 1, 1999. Per 30 TAC 213B.26 (a) an exception from permanent best management practice PBMPs is requested. Granting of exceptions to any substantive provision of this subchapter related to the protection of water quality may be granted by the executive director if the requestor can demonstrate equivalent water quality protection for surface streams which enter the recharge zone of the Edwards Aquifer. Prior approval under this section must be obtained from the executive director for the exception to be authorized.

Proposed regulated activities include additional clearing, grading, excavation, installation of utilities and drainage improvements related to construction of one (1) four-thousand square foot (4,000 sqft.) field house building. Proposed impervious cover to be constructed is 0.09 acres. The remaining portions of the site will remain as currently constructed. The total site impervious cover will be 3.71 acres, or 18.9% of the 19.62 acre project limits, after construction of the proposed field house. The area within the site where the field house is proposed was a previously cleared area of the site.

The site is located at 670 Old Boerne Road in Comal County and lies within the Cibolo Creek watershed and does not contain 100-year floodplain. This site is entirely over the Edwards Aquifer Contributing Zone, a Geologic Assessment was not conducted and is not required; therefore, no sensitive features were identified.

Potable water service is provided by a private well and wastewater is treated by two existing OSSF; Comal County OSSF #74083 (behind the Administration Building) and OSSF # 89380 (behind the Elementary School Building). The proposed field house will tie into OSSF # 89380.



ATTACHMENT D

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Attachment D- Factors Affecting Surface Water Quality

Potential sources of pollution that may reasonably be expected to affect the quality of storm water discharges from the site during construction include:

- Soil erosion due to the clearing of the site;
- Oil, grease, fuel and hydraulic fluid contamination from construction equipment and vehicle drippings;
- Hydrocarbons from asphalt paving operations;
- Miscellaneous trash and litter from construction workers and material wrappings;
- Concrete truck washout.
- Potential overflow/spills from portable toilets

Potential sources of pollution that may reasonably be expected to affect the quality of storm water discharges from the site after development include:

- Oil, grease, fuel and hydraulic fluid contamination from vehicle drippings;
- Dirt and dust which may fall off vehicles; and
- Miscellaneous trash and litter.



ATTACHMENT E

Attachment E- Volume and Character of Stormwater

Stormwater runoff will increase as a result of this development. For a 25-year storm event, the overall project will generate approximately 77 cfs. The runoff coefficient for the site changes from approximately 0.52 before development to 0.6 after development. Values are based on the Rational Method using runoff coefficients per the City of Bulverde Storm Drainage Criteria Manual.



ATTACHMENT I

Attachment I - 20% or Less Impervious Cover Waiver

Bracken Christian School is an Elementary and Secondary School in the Extra-Territorial Jurisdiction (ETJ) of The City of Bulverde in Comal County, Texas. Approximately 3.62 acres (or 18.5% of the 19.62 acres site) is the current impervious cover for buildings, sidewalk, parking and drives. Existing impervious cover predates the §213.20 effective adopted date of June 1, 1999. Per 30 TAC 213B.26 (a) an exception from permanent best management practice PBMPs is requested. Granting of exceptions to any substantive provision of this subchapter related to the protection of water quality may be granted by the executive director if the requestor can demonstrate equivalent water quality protection for surface streams which enter the recharge zone of the Edwards Aquifer. Prior approval under this section must be obtained from the executive director for the exception to be authorized.

Proposed regulated activities include additional clearing, grading, excavation, installation of utilities and drainage improvements, construction of one (1) four-thousand square foot (4,000 sq ft.) field house building. After the addition of the field house building the impervious cover total will be approximately 3.71 ac, or 18.9 % of the 19.62 project limits. The addition of 0.09 acres of impervious cover will not affect the surrounding topography and stormwater will be allowed to sheet flow through the site. The remaining portions of the site will remain as currently constructed. The total site impervious cover will be 3.71 ac, or 18.9% of the 19.62 acre project limits, after construction of the proposed field house. The area within the site where the field house is proposed was a previously cleared area of the site. Due to the limited amount of impervious cover proposed to add to grandfathered impervious cover and minimal disturbance associated with the construction, a request for an exception is presented.



ATTACHMENT J

Attachment J - BMPs for Upgradient Stormwater

Due to site topography no upgradient water will cross the project site. No PBMPs are required as the impervious cover for this school is less than 20% of the total site.



ATTACHMENT K

Attachment K - BMPs for Onsite Stormwater

Due to site topography no upgradient water will cross the project site. No PBMPs are required as the impervious cover for this school is less than 20% of the total site.



ATTACHMENT L

Attachment L - BMPs for Surface Streams

Due to site topography no upgradient water will cross the project site. No PBMPs are required as the impervious cover for this school is less than 20% of the total site.



TEMPORARY STORMWATER SECTION (TCEQ-0602)

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: Dennis Rion, P.E.

Date: 5-03-16

Signature of Customer/Agent:

Regulated Entity Name: Bracken Christian School

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: Construction Staging Area

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.

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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>Lewis 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:

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

ATTACHMENT A

BRACKEN CHRISTIAN SCHOOL Temporary Stormwater Section (TCEQ-0602)

Attachment A - Spill Response Actions

In the event of an accidental leak or spill:

- Spill must be contained and cleaned up immediately.
- Spills will not be merely buried or washed with water.
- Contractor shall take action to contain spill. Contractor may use sand or other absorbent material stockpiled on site to absorb spill. Absorbent material should be spread over the spill area to absorb the spilled product.
- In the event of an uncontained discharge the contractor shall utilize onsite equipment to construct berms downgradient of the spill with sand or other absorbent material to contain and absorb the spilled product.
- Spill containment/absorbent materials along with impacted media must be collected and stored in such a way so as not to continue to affect additional media (soil/water). Once the spill has been contained, collected material should be placed on poly or plastic sheeting until removed from the site. The impacted media and cleanup materials should be covered with plastic sheeting and the edges weighed down with paving bricks or other similarly dense objects as the material is being accumulated. This will prevent the impacted media and cleanup materials from becoming airborne in windy conditions or impacting runoff during a rain event. The stockpiled materials should not be located within an area of concentrated runoff such as along a curb line or within a swale.
- Contaminated soils and cleanup materials will be sampled for waste characterization. When the analysis results are known the contaminated soils and cleanup materials will be removed from the site and disposed in a permitted landfill in accordance with applicable regulations.
- The contractor will be required to notify the owner, who will in turn contact TCEQ to notify them in the event of a significant hazardous/reportable quantity spill. Additional notifications as required by the type and amount of spill will be conducted by owner or owner's representative.

In the event of an accidental significant or hazardous spill:

- The contractor will be required to report significant or hazardous spills in reportable quantities to:
 - the National Response Center at (800) 424-8802
 - the Edwards Aquifer Authority at (210) 222-2204
 - the TCEQ Regional Office (210) 490-3096 (if during business hours: 8 AM to 5 PM) or
 - the State Emergency Response Center (800) 832-8224 (if after hours)



BRACKEN CHRISTIAN SCHOOL Temporary Stormwater Section (TCEQ-0602)

• Contaminated soils will be sampled for waste characterization. When the analysis results are known the contaminated soils will be removed from the site and disposed in a permitted landfill in accordance with applicable regulations.

Additional guidance can be obtained from TCEQ's Technical Guidance Manual (TGM) RG-348 (2005) Section 1.4.16. Contractor shall review this section.



ATTACHMENT B

BRACKEN CHRISTIAN SCHOOL Temporary Stormwater Section (TCEQ-0602)

Attachment B - Potential Sources of Contamination

Other potential sources of contamination during construction include:

Potential Source	• Asphalt products used on this project.
Preventative Measure	After placement of asphalt, emulsion or coatings, the contractor will be responsible for immediate cleanup should an unexpected rain occur. For the duration of the asphalt product curing time, the contractor will maintain standby personnel and equipment to contain any asphalt wash-off should an unexpected rain occur. The contractor will be instructed not to place asphalt products on the ground within 48 hours of a forecasted rain.
Potential Source	• Oil, grease, fuel and hydraulic fluid contamination from construction equipment and vehicle dripping.
Preventative Measure	Vehicle maintenance when possible will be performed within the construction staging area.
	Construction vehicles and equipment shall be checked regularly for leaks and repaired immediately.
Potential Source	• Accidental leaks or spills of oil, petroleum products and substances listed under 40 CFR parts 110, 117, and 302 used or stored temporarily on site.
Preventative Measure	Contractor to incorporate into regular safety meetings, a discussion of spill prevention and appropriate disposal procedures.
	 Contractor's superintendent or representative overseer shall enforce proper spill prevention and control

- measures.
 Hazardous materials and wastes shall be stored in covered containers and protected from vandalism.
- A stockpile of spill cleanup materials shall be stored on site where it will be readily accessible.

PAPE-DAWSON ENGINEERS

BRACKEN CHRISTIAN SCHOOL Temporary Stormwater Section (TCEQ-0602)

Potential Source	•	Miscellaneous trash and litter from construction workers and material wrappings.
Preventive Measure	=	Trash containers will be placed throughout the site to encourage proper trash disposal.
Potential Source	•	Construction debris.
Preventive Measure		Construction debris will be monitored daily by contractor. Debris will be collected weekly and placed in disposal bins. Situations requiring immediate attention will be addressed on a case by case basis.
Potential Source	•	Spills/Overflow of waste from portable toilets
Preventative Measure	•	Portable toilets will be placed away from high traffic vehicular areas and storm drain inlets.

- Portable toilets will be placed on a level ground surface.
- Portable toilets will be inspected regularly for leaks and will be serviced and sanitized at time intervals that will maintain sanitary conditions.
ATTACHMENT C

Attachment C - Sequence of Major Activities

The sequence of major activities which disturb soil during construction on this site will be divided into two stages. The first is site preparation that will include clearing and grubbing of vegetation where applicable. This will disturb approximately 0.5 acres. The second is construction that will include construction of one (1) building, installation of utilities, landscaping and site cleanup. This will disturb approximately 0.5 acres.



ATTACHMENT D

Attachment D - Temporary Best Management Practices and Measures

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

No upgradient water will cross the project site. All TBMPs will be utilized and are adequate for the drainage areas they serve.

b. 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.

Site preparation, which is the initiation of all activity on the project, will disturb the largest amount of soil. Therefore, before any of this work can begin, the clearing and grading contractor will be responsible for the installation of all on-site control measures. The methodology for pollution prevention of on-site stormwater will include: (1) erection of silt fences along the downgradient boundary of construction activities for temporary erosion and sedimentation controls, (2) installation of rock berms with silt fencing downgradient from areas of concentrated stormwater flow for temporary erosion control, (3) installation of stabilized construction entrance/exit(s) to reduce the dispersion of sediment from the site, and (4) installation of construction staging area(s).

Prior to the initiation of construction, all previously installed control measures will be repaired or reestablished for their designed or intended purpose. This work, which is the remainder of all activity on the project, may also disturb additional soil. The construction contractor will be responsible for the installation of all remaining on-site control measures that includes installation of the concrete truck washout pit(s), as construction phasing warrants.

Temporary measures are intended to provide a method of slowing the flow of runoff from the construction site in order to allow sediment and suspended solids to settle out of the runoff. By containing the sediment and solids within the site, they will not enter surface streams and/or sensitive features.

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

This site is entirely over the Edwards Aquifer Contributing Zone, a Geologic Assessment was not conducted and is not required; therefore, no sensitive features were identified.

Temporary measures are intended to provide a method of slowing the flow of runoff from the construction site in order to allow sediment and suspended solids to settle out of the runoff. By containing the sediment and solids within the site, they will not enter surface streams and/or sensitive features.

d. 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.



This site is entirely over the Edwards Aquifer Contributing Zone, a Geologic Assessment was not conducted and is not required; therefore, no sensitive features were identified.

BMP measures utilized in this plan are intended to allow stormwater to continue downstream after passing through the BMPs. This will allow stormwater runoff to continue downgradient to streams or features that may exist downstream of the site.



ATTACHMENT F

Attachment F - Structural Practices

The following structural measures will be installed prior to the initiation of site preparation activities:

- Erection of silt fences along the downgradient boundary of construction activities as located on Exhibit 1 and illustrated in Exhibit 2.
- Installation of stabilized construction entrance/exit(s) and construction staging area(s), as located on Exhibit 1, and illustrated on Exhibit 2.

The following structural measures will be installed at the initiation of construction activities or as appropriate based on the construction sequencing:

• Installation of concrete truck washout pit(s), as required and located on Exhibit 1 and illustrated on Exhibit 2.



ATTACHMENT G

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Attachment G- Drainage Area Map

No more than ten (10) acres will be disturbed within a common drainage area at one time as construction of civil infrastructure (utilities, drainage, etc.) will precede building construction. All TBMPs utilized are adequate for the drainage areas served.



ATTACHMENT I

Attachment I - Inspection and Maintenance for BMPs

Designated and qualified person(s) shall inspect Pollution Control Measures weekly and within 24 hours after a storm event. An inspection report that summarizes the scope of the inspection, names and qualifications of personnel conducting the inspection, date of the inspection, major observations, and actions taken as a result of the inspection shall be recorded and maintained as part of Storm Water TPDES data for a period of three years after the Notice of Termination (NOT) has been filed. A copy of the Inspection Report Form is provided in this Storm Water Pollution Prevention Plan.

As a minimum, the inspector shall observe: (1) significant disturbed areas for evidence of erosion, (2) storage areas for evidence of leakage from the exposed stored materials, (3) structural controls (rock berm outlets, silt fences, drainage swales, etc.) for evidence of failure or excess siltation (over 6 inches deep), (4) vehicle exit point for evidence of off-site sediment tracking, (5) vehicle storage areas for signs of leaking equipment or spills, (6) concrete truck rinse-out pit for signs of potential failure, (7) embankment, spillways, and outlet of sediment basin (where applicable) for erosion damage, and (8) sediment basins (where applicable) for evidence that basin has accumulated 50% of its volume in silt. Deficiencies noted during the inspection will be corrected and documented within seven calendar days following the inspection or before the next anticipated storm event if practicable.

Contractor shall review Sections 1.3 and 1.4 of TCEQ's Technical Guidance Manual for additional BMP inspection and maintenance requirements.



Pollution		Corrective Action Required		
Prevention Measure	Inspected in Compliance	Description (use additional sheet if necessary)	Date Completed	
Best Management Practice	es			
Natural vegetation buffer strips				
Temporary vegetation				
Permanent vegetation				
Sediment control basin				
Silt fences				
Rock berms				
Gravel filter bags				
Drain inlet protection				
Other structural controls				
Vehicle exits (off-site tracking)				
Material storage areas (leakage)				
Equipment areas (leaks, spills)				
Concrete washout pit (leaks, failure)				
General site cleanliness				
Trash receptacles				
Evidence of Erosion				
Site preparation				
Roadway or parking lot construction				
Utility construction				
Drainage construction				
Building construction				
Major Observations				
Sediment discharges from site				
BMPs requiring maintenance				
BMPs requiring modification				
Additional BMPs required				

A brief statement describing the qualifications of the inspector is included in this SWP3.

"I 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 I am an authorized signatory in accordance with the provisions of 30 TAC §305.128."

Inspector's Name

Inspector's Signature

Date





PROJECT MILESTONE DATES

Date when major site grading activities begin:

Construction Activity	Date
stallation of BMPs	
Dates when construction activities temporarily or permanent	ntly cease on all or a nortion of t
	mily cease on an or a portion or t
project:	
Construction Activity	Date
	· · · · · · · · · · · · · · · · · · ·
Dates when stabilization measures are initiated:	
Stabilization Activity	Date
emoval of BMPs	



ATTACHMENT J

Attachment J - Schedule of Interim and Permanent Soil Stabilization Practices

Interim on-site stabilization measures, which are continuous, will include minimizing soil disturbances by exposing the smallest practical area of land required for the shortest period of time and maximizing use of natural vegetation. As soon as practical, all disturbed soil will be stabilized as per project specifications in accordance with pages 1-35 to 1-60 of TCEQ's Technical Guidance Manual (TGM) RG-348 (2005). Mulching, netting, erosion blankets and seeding are acceptable.

Stabilization measures will be initiated as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, and except as provided below, will be initiated no more than fourteen (14) days after the construction activity in that portion of the site has temporarily or permanently ceased. Where construction activity on a portion of the site is temporarily ceased, and earth disturbing activities will be resumed within twenty-one (21) days, temporary stabilization measures do not have to be initiated on that portion of site. In areas experiencing droughts where the initiation of stabilization measures by the 14th day after construction activity has temporarily or permanently ceased is precluded by seasonably arid conditions, stabilization measures must be initiated as soon as practicable.



NOTICE OF INTENT (TCEQ-20022)

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 <u>INSTRUCTIONS</u> 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 <u>https://www3.tceq.texas.gov/epay/index.cfm</u>
 - Select Fee Type: GENERAL PERMIT CONSTRUCTION STORM WATER
 DISCHARGE NOI APPLICATION
- Provide your payment information below, for verification of payment:
 Mailed Check/Money Order No.:

 Name Printed on Check:

 EPAY

 Voucher No.:

 Is the Payment Voucher copy attached?

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: http://www12.tceq.texas.gov/crpub/index.cfm?fuseaction=cust.CustSearch

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.)

c) What is the name and title of the person signing the application? The person must be an executive official meeting signatory requirements in TAC 305.44(a).
 Prefix (Mr. Ms. Miss): ______

First/Last Name:	Suffix:
Title:	Credential:

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: http://zip4.usps.com/zip4/welcome.jsp
 Phone #: Eav #:

1 HOHC #		αλ <i>π</i>	
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):

□ Joint Venture	🗖 General Partnership	Corporation
🗖 Trust	Estate	🔲 Federal Government
□ State Government	County Government	City Government
Other Government	-	-

- **f)** Independent Operator? (If governmental entity, subsidiary, or part of a larger corporation, check "No".)
- g) Number of Employees:

 0-20;
 21-100;
 101-250;
 251-500; or
 501 or higher

 h) Customer Business Tax and Filing Numbers:
 (REQUIRED for Corporations and Limited Partnerships. Not Required for Individuals, Government, or Sole Proprietors)
 State Franchise Tax ID Number:
 Federal Tax ID:
 Texas Secretary of State Charter (filing) Number:

DUNS Number (if known):

2) APPLICATION CONTACT

If TCEO	needs	additional	l informatio	n regai	rding	this an	nlication	who	should	he contacte	2.64
IL LODA	necuo	uddittonu	mormuno	II I CGu	ung	սոց սե	pilcution,	1110	Should	De contacte	vu i

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

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

Prefix (Mr. Ms. Miss):	
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 outside USA	A:		
Territory:Coun		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_600684286

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

d) County (or counties if > 1) Comal

- e) Latitude: <u>29.793654 N</u> Longitude: <u>-98.429385 W</u>
- 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:	670	Street Name:	Old Boerne Rd.		
City: Bulverde			State: TX	ZIP Code: 78163	

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: Texas	ZIP Code where the site is l	ocated:
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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?

c) What is the Primary Standard Industrial Classification (SIC) Code that best describes the construction activity being conducted at the site? Primary SIC Code: <u>1542</u>_____

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

- e) What is the total number of acres disturbed? <u>0.5</u>
- 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? Lewis Creek
- h) What is the segment number(s) of the classified water body(s) that the discharge will eventually reach? 1908

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

- 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): Upper Cibolo Creek

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

TCEQ 20022 (03/05/2013)

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).
- **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.
- c) I understand that a Notice of Termination (NOT) must be submitted when this authorization is no longer needed.
- 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:
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. www.usps.com
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</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
\checkmark 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.
[] Signature meets 30 rexas Auministrative Code (TAC) 305.44 and is original.

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

1. Check / Money Order No:

General Permit:

- 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: Bracken Christian School

Project/Site (RE) Physical Address:

670 Old Boerne Rd. Bulverde, Texas 78163

Staple Check in This Space

TXR150000

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 <u>INSTRUCTIONS</u> 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: http://www2.tceq.texas.gov/wq_dpa/index.cfm

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 <u>https://www3.tceq.texas.gov/epay/index.cfm</u>
 - Select Fee Type: GENERAL PERMIT CONSTRUCTION STORM WATER DISCHARGE NOI APPLICATION
- Provide your payment information below, for verification of payment: Mailed Check/Money Order No.:

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.)

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: http://www12.tceq.texas.gov/crpub/index.cfm?fuseaction=cust.CustSearch

CN

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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.)

First/Last Name:	Suffix:
Title:	Credential:

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: http://zip4.usps.com/zip4/welcome.jsp
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):

☐ Joint Venture ☐ Trust ☐ State Government ☐ Other Government	General Partnership Estate County Government	Gripping Corpor Federa City Go	l Government	
Independent Operator?				

f) Independent Operator? (If governmental entity, subsidiary, or part of a larger corporation, check "No".)

g)	Number of Employ	vees:	[]101-250;	251-500; or	501 or higher
h)	Government, or So State Franchise Tax	orporations and le Proprietors)		ships. Not Required	l for Individuals,
	Federal Tax ID:				
	Texas Secretary of	State Charter (fil	ling) Number:		

DUNS Number (if known):

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?

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

Prefix (Mr. Ms. Miss) <u>:</u> First/Last Name:	S	uffix:	
Title:	Credential:		
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		E- March	
	ext:	Fax Number:	
E-mail:			
Mailing Address:			
Internal Routing (Mail	Code, Etc.):		
City:	State:	ZIP Code:	
Mailing Information if	outside USA:		
Territory:	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 600684286

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

d) County (or counties if > 1) <u>Comal</u>

- e) Latitude: <u>29.793654 N</u> Longitude: <u>-98.429385 W</u>
- 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:	670	Street Name:	Old Boerne Rd.		
City: <u>Bulverde</u>			State: TX	ZIP Code: _7816	3

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: Texas 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?

- 🔳 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: <u>1542</u>

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

- e) What is the total number of acres disturbed? <u>0.5</u>
- f) Is the project site part of a larger common plan of development or sale?Is 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? Lewis Creek
- h) What is the segment number(s) of the classified water body(s) that the discharge will eventually reach?
 1908

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.

- 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): Upper Cibolo Creek

- **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).
- **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.
- c) I understand that a Notice of Termination (NOT) must be submitted when this authorization is no longer needed.
- 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:

Ι,__

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:
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
\checkmark 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 www.osha.gov/oshstats/sicser.html
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 20 Texas Administrative Code (TAC) 205 44 and is original

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 Quality Financial Administration Division Cashier's Office, MC-214 P.O. Box 13088 Austin, TX 78711-3088	Texas Commission on Environmental Quality Financial Administration Division Cashier's Office, MC-214 12100 Park 35 Circle Austin, TX 78753

Fee Code: GPA

1. Check / Money Order No:

General Permit:

- 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: Bracken Christian School

Project/Site (RE) Physical Address:

670 Old Boerne Rd. Bulverde, Texas 78163

Staple Check in This Space

TXR150000

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

General Information and Instructions

GENERAL INFORMATION

Where to Send the Notice of Intent (NOI):

BY REGULAR U.S. MAIL Texas Commission on Environmental Quality Stormwater Processing Center (MC228) P.O. Box 13087 Austin, Texas 78711-3087 BY OVERNIGHT/EXPRESS MAIL Texas Commission on Environmental Quality Stormwater Processing Center (MC228) 12100 Park 35 Circle 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

No. A State of the state

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.

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 http://www.tceq.texas.gov. 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 <u>http://www.tceq.texas.gov</u>.

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.

San.

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	BY OVERNIGHT/EXPRESS MAIL
Texas Commission on Environmental Quality	Texas Commission on Environmental 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

ePAY Electronic Payment: <u>http://www.tceq.texas.gov/epay</u>

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

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/readtac\$ext.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(1)(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: www.tceq.texas.gov/permitting/stormwater/common plan of development steps.html

For further information, go to the TCEQ stormwater construction webpage at: www.tceq.texas.gov/goto/construction 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: www.tceq.texas.gov/waterquality/monitoring/viewer.html

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

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 are constructed 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: <u>www.tceq.texas.gov/field/eapp/viewer.html</u>

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 may be requested by the TCEQ.

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).

AGENT AUTHORIZATION FORM (TCEQ-0599)

Agent Authorization Form For Required Signature

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

I	Ed Thomas Print Name	_ ,
	Superintendent	,
	Title - Owner/President/Other	
of	Bracken Christian School	,
	Corporation/Partnership/Entity Name	
have authorized _	Pape-Dawson Engineers, Inc.	
	Print Name of Agent/Engineer	
of	Pape-Dawson Engineers, Inc. Print Name of Firm	
	Print Name of Firm	

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

I also understand that:

- 1. The applicant is responsible for compliance with 30 Texas Administrative Code Chapter 213 and any condition of the TCEQ's approval letter. The TCEQ is authorized to assess administrative penalties of up to \$10,000 per day per violation.
- 2. For those submitting an application who are not the property owner, but who have the right to control and possess the property, additional authorization is required from the owner.
- 3. Application fees are due and payable at the time the application is submitted. The application fee must be sent to the TCEQ cashier or to the appropriate regional office. The application will not be considered until the correct fee is received by the commission.
- 4. A notarized copy of the Agent Authorization Form must be provided for the person preparing the application, and this form must accompany the completed application.
- 5. No person shall commence any regulated activity on the Edwards Aquifer Recharge Zone, Contributing Zone or Transition Zone until the appropriate application for the activity has been filed with and approved by the Executive Director.

SIGNATURE PAGE:

an

Applicant's Signature

5-3-16

THE STATE OF TexAS §

County of Comal §

BEFORE ME, the undersigned authority, on this day personally appeared <u>FDTHOMAS</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 3eDday of MAN ,2016



NOTARY F ESLIE

Typed or Printed Name

MY COMMISSION EXPIRES: 8-3/-2018

APPLICATION FEE FORM (TCEQ-0574)

Application Fee Form

Texas Commission on Environmental Quality							
Name of Proposed Regulated Entity: Bracken Christian School							
Regulated Entity Location: 670 Old Boerne Road, Bulverde, Texas 78163-3202							
Name of Customer: Bracken Christian School of Bulverde							
Contact Person: Ed Thomas Phone: (830)980-3267							
Customer Reference Number (if iss	ued):CN <u>600684286</u>						
Regulated Entity Reference Numbe	er (if issued):RN <u>1012</u> 4	8599					
Austin Regional Office (3373)							
Hays	Travis	Wi	illiamson				
San Antonio Regional Office (3362)						
Bexar	🗌 Medina	Uv	alde				
🔀 Comal	Kinney						
Application fees must be paid by ch	neck, certified check,	or money order, payab	le to the Texas				
Commission on Environmental Qu	ality. Your canceled of	check will serve as you	r receipt. This				
form must be submitted with your	fee payment . This p	ayment is being submi	tted to:				
Austin Regional Office	\boxtimes s	an Antonio Regional O	ffice				
Mailed to: TCEQ - Cashier		Overnight Delivery to: 1	CEQ - Cashier				
Revenues Section		12100 Park 35 Circle					
Mail Code 214	E	Building A, 3rd Floor					
P.O. Box 13088	A	Austin, TX 78753					
Austin, TX 78711-3088	(512)239-0357					
Site Location (Check All That Apply	/):						
Recharge Zone	🔀 Contributing Zone	🗌 Transi	tion Zone				
Type of Plan		Size	Fee Due				
Water Pollution Abatement Plan, C	ontributing Zone						
Plan: One Single Family Residential	Dwelling	Acres	\$				
Water Pollution Abatement Plan, C	ontributing Zone						
Plan: Multiple Single Family Reside	ntial and Parks	Acres	\$				
Water Pollution Abatement Plan, C	ontributing Zone						
Plan: Non-residential	19.62 Acres	\$ 6,500					
Sewage Collection System	L.F.	\$					
Lift Stations without sewer lines	Acres	\$					
Underground or Aboveground Stor	Tanks	\$					
Piping System(s)(only)		Each	\$				
Exception		Each	\$				
Extension of Time		Each	\$				

Signature:

Date: 5-03-16

Application Fee Schedule

Texas Commission on Environmental Quality

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

Water Pollution Abatement Plans and Modifications

Contributing Zone Plans and Modifications

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

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

Underground and Aboveground Storage Tank System Facility Plans and Modifications

	Cost per Tank or	Minimum Fee-
Project	Piping System	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-10400)



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

 Reason for Submission (If other is checked please describe in space provided.) New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.) 								
			T				.)	
Renewal (Core Data Form should		with the renew	al form)			xception		
2. Customer Reference Number (if iss		ink to search	3. F	Regulat	ed Entity Referen	nce Numbe	r (if issued)	
CN 600684286		<u>N numbers in</u> Registry**	R	N 10	124859	9		
SECTION II: Customer In	formation	<u>l</u>						
4. General Customer Information	5. Effective	Date for Cust	omer Inform	ation	Update	s (mm/dd/yyyy)		
New Customer		Update to Cust	tomer Inform	ation		Change in	Regulated E	ntity Ownership
	Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)							
The Customer Name submitted	l here may b	be updated	automatic	ally b	ased	on what is cu	rrent and	active with the
Texas Secretary of State (SOS)	or Texas C	omptroller	of Public /	4000	unts (l	СРА).		
6. Customer Legal Name (If an individual, print last name first: eg: Doe, John) <u>If new Customer, enter previous Customer below:</u>					r below:			
7. TX SOS/CPA Filing Number	8. TX State	Tax ID (11 digits)		9.	9. Federal Tax ID (9 digits)		10. DUNS	Number (if applicable)
11. Type of Customer: Corporat	tion		ndividual		Partnership: General Limited			
	🗌 State 🗌 Other		Sole Proprieto	orship		Other:		
12. Number of Employees			13. Independently Owned and Operated?			ted?		
0-20 21-100 101-250	251-500		501 and higher Yes No					
14. Customer Role (Proposed or Actual)	– as it relates to	the Regulated L	Entity listed on	this for	m. Pleas	se check one of the	following:	
Owner Opera			vner & Opera			_		
Occupational Licensee Resp	onsible Party	U Vo	luntary Clear	пир Ар	plicant	Other:		
15. Mailing								
Address: City		State		ZIP			ZIP + 4	
16. Country Mailing Information (if out	side (184)		17 E	Mail /	ddress	s (if applicable)		J,
io. country, maning mormation (* out						approanto/		
18. Telephone Number		19. Extensio	n or Code			20. Fax Numbe	r (if applicat	ole)
()						() -		
				-				

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.)

Bracken Christian School

23. Street Address of	670 Old	Boerne Roa	ıd						
the Regulated Entity: (No PO Boxes)	City	Bulverde	State	TX	ZIP	78163		ZIP + 4	3202
24. County	Comal								
	Er	nter Physical Lo	cation Descriptio	on if no str	eet address	is provide	d.		
25. Description to Physical Location:	Approx	imately 0.6 r	nile on Old B	oerne Ro	oad from	intersect	ion with	US-46	
26. Nearest City		_				State		Nea	rest ZIP Code
Bulverde							Texas		78163
27. Latitude (N) In Dec	imal:	29.793654		28	. Longitude	(W) In D	ecimal:	-98.42938	35
Degrees	Minutes		Seconds	De	grees	N	linutes		Seconds
29		47	37.1		98		2	5	45.8
29. Primary SIC Code (4	digits) 30	. Secondary SIC	Code (4 digits)	31. Prin (5 or 6 dig	nary NAICS	Code	32. Se	condary NA	CS Code
8211					611110)			
33. What is the Primary	Business of	this entity? (Do not repeat the SIC	or NAICS des	cription.)		_		
Elementary and Sec	ondary Sc	chool							
	670 Ol	d Boerne Ro	ad						
34. Mailing Address:									
Address.	City	Bulverde	State	TX	ZIP	78163	5	ZIP+4	3202
35. E-Mail Address	ed	.thomas@bra	ackenchristian	.com					
36. Teleph	one Numbe	r	37. Extens	ion or Coo	le	38.	Fax Numb	per (if applic	able)
(830)	980-3267						(830)	980-2327	
39. TCEQ Programs and I form. See the Core Data Form				ermits/regist	ration number	s that will be	affected by	the updates s	ubmitted on this
Dam Safety	Districts	3	Edwards Aqui	fer	Emission	ns Inventory	Air [Industrial Ha	azardous Waste
Municipal Solid Waste	New Sc	ource Review Air	OSSF		Petroleu	m Storage T	ank [PWS	
Sludge	Storm V	Vater	Title V Air		Tires			Used Oil	

SECTION IV: Preparer Information

40. Name:	Jean Pritch	lett		41. Title:	Environmental Specialist
42. Telephone Number 43. Ext		43. Ext./Code	44. Fax Number	45. E-Mai	Address
(210)375-9000		(210) 375-9010	jpritchet	tt@pape-dawson.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:	Pape-Dawson Engineers, Inc. Job Title: Execu			vice P	resident
Name(In Print) :	Dennis Rion, P.E.		Pho	one:	(210) 375 9000
Signature:	-62	0	Dat	e:	5-03-16

EXHIBITS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY CONTRIBUTING ZONE PLAN GENERAL CONSTRUCTION NOTES

. WRITTEN CONSTRUCTION NOTIFICATION SHOULD BE PROVIDED TO THE APPROPRIATE TCEQ REGIONAL OFFICE NO LATER THAN 48 HOURS PRIOR TO COMMENCEMENT OF THE REGULATED ACTIVITY. INFORMATION SHOULD INCLUDE THE DATE ON WHICH THE REGULATED ACTIVITY WILL COMMENCE, THE NAME OF THE APPROVED PLAN FOR THE REGULATED ACTIVITY, AND THE NAME OF THE PRIME CONTRACTOR WITH THE NAME AND TELEPHONE NUMBER OF THE CONTACT PERSON.

2. ALL CONTRACTORS CONDUCTING REGULATED ACTIVITIES ASSOCIATED WITH THIS PROJECT SHOULD BE PROVIDED WITH COMPLETE COPIES OF THE APPROVED CONTRIBUTING ZONE PLAN 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-SITE.

3. NO TEMPORARY ABOVEGROUND HYDROCARBON AND HAZARDOUS SUBSTANCE STORAGE TANK SYSTEM MAY BE INSTALLED WITHIN 150 FEET OF A DOMESTIC, INDUSTRIAL, IRRIGATION, OR PUBLIC WATER SUPPLY WELL.

4. PRIOR TO COMMENCING CONSTRUCTION, ALL TEMPORARY EROSION AND SEDIMENTATION (E&S) CONTROL MEASURES MUST BE PROPERLY SELECTED, INSTALLED, AND MAINTAINED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AND GOOD ENGINEERING PRACTICES. CONTROLS SPECIFIED IN THE SWPPP SECTION OF THE APPROVED EDWARDS AQUIFER CONTRIBUTING ZONE PLAN ARE REQUIRED DURING CONSTRUCTION. IF INSPECTIONS INDICATE A CONTROL HAS BEEN USED INAPPROPRIATELY, OR INCORRECTLY, THE APPLICANT MUST REPLACE OR MODIFY THE CONTROL FOR SITE SITUATIONS. THE CONTROLS MUST REMAIN IN PLACE UNTIL DISTURBED AREAS ARE REVEGETATED AND THE AREAS HAVE BECOME PERMANENTLY STABILIZED.

5. 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).

6. SEDIMENT MUST BE REMOVED FROM SEDIMENT TRAPS OR SEDIMENTATION PONDS NOT LATER THAN WHEN DESIGN CAPACITY HAS BEEN REDUCED BY 50%. A PERMANENT STAKE MUST BE PROVIDED THAT CAN INDICATE WHEN THE SEDIMENT OCCUPIES 50% OF THE BASIN VOLUME.

7. 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).

8. ALL SPOILS (EXCAVATED MATERIAL) GENERATED FROM THE PROJECT SITE AND STORED ON-SITE MUST HAVE PROPER E&S CONTROLS INSTALLED.

* 9. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, AND CONSTRUCTION ACTIVITIES WILL NOT RESUME WITHIN 21 DAYS. WHEN THE INITIATION OF STABILIZATION MEASURES BY THE 14TH DAY IS PRECLUDED BY WEATHER CONDITIONS, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE.

10. THE FOLLOWING RECORDS SHOULD BE MAINTAINED AND MADE AVAILABLE TO THE TCEQ UPON REQUEST: 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.

11. THE HOLDER OF ANY APPROVED CONTRIBUTING ZONE PLAN MUST NOTIFY THE APPROPRIATE REGIONAL OFFICE IN WRITING AND OBTAIN APPROVAL FROM THE EXECUTIVE DIRECTOR PRIOR TO INITIATING ANY OF THE FOLLOWING:

A. ANY PHYSICAL OR OPERATIONAL MODIFICATION OF ANY BEST MANAGEMENT PRACTICES OR STRUCTURE(S), INCLUDING BUT NOT LIMITED TO TEMPORARY OR PERMANENT PONDS, DAMS, BERMS, SILT FENCES, AND DIVERSIONARY STRUCTURES;

B. ANY CHANGE IN THE NATURE OR CHARACTER OF THE REGULATED ACTIVITY FROM THAT WHICH WAS ORIGINALLY APPROVED;

C. ANY CHANGE THAT WOULD SIGNIFICANTLY IMPACT THE ABILITY TO PREVENT POLLUTION OF THE EDWARDS AQUIFER AND HYDROLOGICALLY CONNECTED SURFACE WATER; OR

D. ANY DEVELOPMENT OF LAND PREVIOUSLY IDENTIFIED IN A CONTRIBUTING ZONE PLAN AS UNDEVELOPED.

SAN ANTONIO REGIONAL OFFICE 14250 JUDSON ROAD SAN ANTONIO, TEXAS 78233-4480 PHONE (210) 490-3096

AX (210) 545-4329 GENERAL NOTES:

1. DO NOT DISTURB VEGETATED AREAS (TREES, GRASS, WEEDS, BRUSH, ETC.) ANY MORE THAN NECESSARY FOR CONSTRUCTION.

2. LOCATIONS OF CONSTRUCTION ENTRANCE/EXITS, CONCRETE WASHOUT PITS, AND CONSTRUCTION EQUIPMENT AND MATERIAL STORAGE YARDS TO BE DETERMINED IN THE FIELD.

3. STORM WATER POLLUTION PREVENTION CONTROLS MAY NEED TO BE MODIFIED IN THE FIELD TO ACCOMPLISH THE DESIRED EFFECT. ALL MODIFICATIONS ARE TO BE NOTED ON THIS EXHIBIT AND SIGNED AND DATED BY THE RESPONSIBLE PARTY.

4. RESTRICT ENTRY/EXIT TO THE PROJECT SITE TO DESIGNATED LOCATIONS BY USE OF ADEQUATE FENCING, IF NECESSARY.

5. ALL STORM WATER POLLUTION PREVENTION CONTROLS ARE TO BE MAINTAINED AND IN WORKING CONDITIONS AT ALL TIMES.

6. CONTRACTOR, TO THE EXTENT PRACTICAL, SHALL MINIMIZE THE AMOUNT OF AREA DISTURBED. AS SOON AS PRACTICAL, ALL DISTURBED SOIL THAT WILL NOT BE COVERED BY IMPERVIOUS COVER SUCH AS PARKWAY AREAS, EASEMENT AREAS, EMBANKMENT SLOPES, ETC. WILL BE STABILIZED PER APPLICABLE PROJECT SPECIFICATIONS.

7. BEST MANAGEMENT PRACTICES MAY BE INSTALLED IN STAGES TO COINCIDE WITH THE DISTURBANCE OF UPGRADIENT AREAS.

8. BEST MANAGEMENT PRACTICES MAY BE REMOVED IN STAGES ONCE THE WATERSHED FOR THAT PORTION CONTROLLED BY THE BEST MANAGEMENT PRACTICES HAS BEEN STABILIZED.

9. ALL TEMPORARY BMPs WILL BE REMOVED ONCE WATERSHED IS STABILIZED. 10. MUD OR DIRT INADVERTENTLY TRACKED OFF-SITE AND ONTO EXISTING STREETS SHALL BE REMOVED IMMEDIATELY BY HAND OR MECHANICAL BROOM SWEEPING.

1. PRIOR TO INITIATION OF SUBSEQUENT PHASES OF CONSTRUCTION, TEMPORARY BMPs INCLUDING SILT FENCING, CONSTRUCTION ENTRANCE/EXIT, CONCRETE WASHOUT PIT, AND CONSTRUCTION STAGING AREA SHALL BE FIELD LOCATED AS APPROPRIATE FOR THE AREA OF CONSTRUCTION.

12. TEMPORARY POLLUTION ABATEMENT MEASURES SHOWN ON THE PLAN ARE FOR THE OVERALL DEVELOPMENT. TEMPORARY BMPs MAY REQUIRE ADJUSTMENT BASED ON PHASING OF CONSTRUCTION OF THE DEVELOPMENT. RECORDS OF ADJUSTMENTS AND REVISIONS SHALL BE MAINTAINED AS APPROPRIATE.

13. TEMPORARY BMP'S SHOWN ON THIS SHEET ARE FOR GRAPHICAL PURPOSES AND MAY NOT BE TO SCALE. BMP'S SHALL BE LOCATED WITHIN THE PROJECT LIMITS.

14. UPON COMPLETION OF THE PROJECT AND BEFORE FINAL PAYMENT IS ISSUED, CONTRACTOR SHALL REMOVE ALL SEDIMENT AND EROSION CONTROL MEASURES.

15. CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION SEQUENCING AND REMOVAL OF TEMPORARY POLLUTION ABATEMENT MEASURES THAT CONFLICT WITH SITE IMPROVEMENTS SUCH AS LANDSCAPING AND FENCES SO AS TO PREVENT SEDIMENT FROM ESCAPING THE PROJECT SITE.

	TEMPORA	RY BMP MODIFICATIONS	TEMPORARY POLLUTION OF PARKIN
SIGNATURE	DATE	DESCRIPTION	CONSTRUCTION. THE CONTRA GRADIENT SIDE OF THE DIST
			2. CONSTRUCTION WITHIN TH RESPONSIBLE FOR PLACING
			BUILDING CONSTRUCTION. AL
			3. ROCK BERMS SHALL BE F NATURAL CONDITIONS OR CO
			BERMS WILL BE MAINTAINED WITH PERMANENT POLLUTION





:: Apr 07, 2016, 1:19pm User ID: ROlivarez P:\110\4R\00\Design\Fnvironmental\BrackenSchool.c



MATERIALS THE AGGREGATE SHOULD CONSIST OF 4-INCH TO 8-INCH WASHED STONE 1. INADEQUATE RUNOFF CONTROL-SEDIMENT WASHES ONTO PUBLIC ROAD. OVER A STABLE FOUNDATION AS SPECIFIED IN THE PLAN. STONE TOO SMALL OR GEOTEXTILE FABRIC ABSENT, RESULTS IN MUDDY 2. THE AGGREGATE SHOULD BE PLACED WITH A MINIMUM THICKNESS OF CONDITION AS STONE IS PRESSED INTO SOIL. 8-INCHES.

3. THE GEOTEXTILE FABRIC SHOULD BE DESIGNED SPECIFICALLY FOR USE AS A SOIL FILTRATION MEDIA WITH AN APPROXIMATE WEIGHT OF 6 OZ/YD2, A MULLEN BURST RATING OF 140 LB/IN2, AND AN EQUIVALENT OPENING SIZE GREATER THAN A NUMBER 50 SIEVE.

4. IF A WASHING FACILITY IS REQUIRED, A LEVEL AREA WITH A MINIMUM OF 4-INCH DIAMETER WASHED STONE OR COMMERCIAL ROCK SHOULD BE INCLUDED IN THE PLANS. DIVERT WASTEWATER TO A SEDIMENT TRAP OR

INSTALLATION . AVOID CURVES ON PUBLIC ROADS AND STEEP SLOPES. REMOVE VEGETATION AND OTHER OBJECTIONABLE MATERIAL FROM THE FOUNDATION AREA. GRADE CROWN FOUNDATION FOR POSITIVE DRAINAGE.

SEDIMENT TRAP OR BASIN.

DRAINAGE.



ISOMETRIC PLAN VIEW

SILT FENCE

A SILT FENCE IS A BARRIER CONSISTING OF GEOTEXTILE FABRIC SUPPORTED BY METAL POSTS TO PREVENT SOIL AND SEDIMENT LOSS FROM A SITE. WHEN PROPERLY USED, SILT FENCES CAN BE HIGHLY EFFECTIVE AT CONTROLLING SEDIMENT FROM DISTURBED AREAS. THEY CAUSE RUNOFF TO POND, ALLOWING HEAVIER SOLIDS TO SETTLE OUT. IF NOT PROPERLY INSTALLED, SILT FENCES ARE NOT LIKELY TO BE EFFECTIVE.

THE PURPOSE OF A SILT FENCE IS TO INTERCEPT AND DETAIN WATER-BORN SEDIMENT FROM UNPROTECTED AREAS OF A LIMITED EXTENT. SILT FENCE IS USED DURING THE PERIOD OF CONSTRUCTION NEAR THE PERIMETER OF A DISTURBED AREA TO INTERCEPT SEDIMENT WHILE ALLOWING WATER TO PERCOLATE THROUGH. THIS FENCE SHOULD REMAIN IN PLACE UNTIL THE DISTURBED AREA IS PERMANENTLY STABILIZED. SILT FENCE SHOULD NOT BE USED WHERE THERE IS A CONCENTRATION OF WATER IN A CHANNEL OR DRAINAGE WAY. IF CONCENTRATED FLOW OCCURS AFTER INSTALLATION. CORRECTIVE ACTION MUST BE TAKEN SUCH AS PLACING A ROCK BERM IN THE AREAS OF CONCENTRATED FLOW.

SILT FENCING WITHIN THE SITE MAY BE TEMPORARILY MOVED DURING THE DAY TO ALLOW CONSTRUCTION ACTIVITY PROVIDED IT IS REPLACED AND PROPERLY ANCHORED TO THE GROUND AT THE END OF THE DAY. SILT FENCES ON THE PERIMETER OF THE SITE OR AROUND DRAINAGE WAYS SHOULD NOT BE MOVED AT ANY TIME.

MATERIALS

. SILT FENCE MATERIAL SHOULD BE POLYPROPYLENE, POLYETHYLENE, OR POLYAMIDE WOVEN OR NONWOVEN FABRIC. THE FABRIC SHOULD BE 36 INCHES, WITH A MINIMUM UNIT WEIGHT OF 4.5 OZ/YD, MULLEN BURST STRENGTH EXCEEDING 190 LB/IN2, ULTRAVIOLET STABILITY EXCEEDING 70%, AND MINIMUM APPARENT OPENING SIZE OF U.S. SIEVE NUMBER 30.

2. FENCE POSTS SHOULD BE MADE OF HOT ROLLED STEEL, AT LEAST 4 FEET LONG WITH TEE OR Y-BAR CROSS SECTION, SURFACE PAINTED OR GALVANIZED, MINIMUM WEIGHT 1.25 LB/FT, AND BRINDELL HARDNESS EXCEEDING 140.

3. WOVEN WIRE BACKING TO SUPPORT THE FABRIC SHOULD BE GALVANIZED 2" X 4" WELDED WIRE, 12 GAUGE MINIMUM.

INSTALLATION

. STEEL POSTS, WHICH SUPPORT THE SILT FENCE, SHOULD BE INSTALLED ON A SLIGHT ANGLE TOWARD THE ANTICIPATED RUNOFF SOURCE. POSTS MUST BE EMBEDDED A MINIMUM OF 1-FOOT DEEP AND SPACED NOT MORE THAN 8 FEET ON CENTER. WHERE WATER CONCENTRATES, THE MAXIMUM SPACING SHOULD BE 6 FEET.

2. LAY OUT FENCING DOWN-SLOPE OF DISTURBED AREA, FOLLOWING THE CONTOUR AS CLOSELY AS POSSIBLE. THE FENCE SHOULD BE SITED SO THAT THE MAXIMUM DRAINAGE AREA IS 1/4 ACRE/100 FEET OF FENCE.

3. THE TOE OF THE SILT FENCE SHOULD BE TRENCHED IN WITH A SPADE OR MECHANICAL TRENCHER, SO THAT THE DOWN-SLOPE FACE OF THE TRENCH IS FLAT AND PERPENDICULAR TO THE LINE OF FLOW. WHERE FENCE CANNOT BE TRENCHED IN (E.G., PAVEMENT OR ROCK OUTCROP), WEIGHT FABRIC FLAP WITH 3 INCHES OF PEA GRAVEL ON UPHILL SIDE TO PREVENT FLOW FROM SEEPING UNDER FENCE.

4. THE TRENCH MUST BE A MINIMUM OF 6 INCHES DEEP AND 6 INCHES WIDE TO ALLOW FOR THE SILT FENCE FABRIC TO BE LAID IN THE GROUND AND BACKFILLED WITH COMPACTED MATERIAL.

SILT FENCE SHOULD BE SECURELY FASTENED TO EACH STEEL SUPPORT POST OR TO WOVEN WIRE, WHICH IS IN TURN ATTACHED TO THE STEEL FENCE POST. THERE SHOULD BE A 3-FOOT OVERLAP, SECURELY FASTENED WHERE ENDS OF FABRIC MEET.

6. SILT FENCE SHOULD BE REMOVED WHEN THE SITE IS COMPLETELY STABILIZED SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.

COMMON TROUBLE POINTS FENCE NOT INSTALLED ALONG THE CONTOUR CAUSING WATER TO CONCENTRATE AND FLOW OVER THE FENCE.

2. FABRIC NOT SEATED SECURELY TO GROUND (RUNOFF PASSING UNDER FENCE).

3. FENCE NOT INSTALLED PERPENDICULAR TO FLOW LINE (RUNOFF ESCAPING AROUND SIDES).

4. FENCE TREATING TOO LARGE AN AREA, OR EXCESSIVE CHANNEL FLOW (RUNOFF OVERTOPS OR COLLAPSES FENCE).

INSPECTION AND MAINTENANCE GUIDELINES 1. INSPECT ALL FENCING WEEKLY, AND AFTER RAINFALL.

2. REMOVE SEDIMENT WHEN BUILDUP REACHES 6 INCHES.

. REPLACE TORN FABRIC OR INSTALL A SECOND LINE OF FENCING PARALLEL TO THE TORN SECTION.

4. REPLACE OR REPAIR SECTIONS CRUSHED OR COLLAPSED IN THE COURSE OF CONSTRUCTION ACTIVITY. IF A SECTION OF FENCE IS OBSTRUCTING VEHICULAR ACCESS, CONSIDER RELOCATING IT TO A SPOT WHERE IT WILL PROVIDE EQUAL PROTECTION, BUT WILL NOT OBSTRUCT VEHICLES. A TRIANGULAR FILTER DIKE MAY BE PREFERABLE TO A SILT FENCE AT COMMON VEHICLE ACCESS POINTS.

5. WHEN CONSTRUCTION IS COMPLETE, THE SEDIMENT SHOULD BE DISPOSED OF IN A MANNER THAT WILL NOT CAUSE ADDITIONAL SILTATION AND THE PRIOR LOCATION OF THE SILT FENCE SHOULD BE REVEGETATED. THE FENCE ITSELF SHOULD BE DISPOSED OF IN AN APPROVED LANDFILL.

THIS DOCUMENT HAS BEEN PRODUCED FROM MATERIAL THAT WAS STORED AND/OR TRANSMITTED ELECTRONICALLY AND MAY HAVE BEEN INADVERTENTLY ALTERED. RELY ONLY ON FINAL HARDCOPY MATERIALS BEARING THE CONSULTANT'S ORIGINAL SIGNATURE AND SEAL AERIAL IMAGERY PROVIDED BY GOOGLE@ UNLESS OTHERWISE NOTED. Imry @ 2015, CAPCOG, Digital Globe, Texas Orthoimagery Program, USDA Farm Service Agency,

SILT FENCE DETAIL

NOT-TO-SCALE

2. THE MINIMUM WIDTH OF THE ENTRANCE/EXIT SHOULD BE 12 FEET OR THE FULL WIDTH OF EXIT ROADWAY, WHICHEVER IS GREATER.

3. THE CONSTRUCTION ENTRANCE SHOULD BE AT LEAST 50 FEET LONG. 4. IF THE SLOPE TOWARD THE ROAD EXCEEDS 2%, CONSTRUCT A RIDGE, 6-INCHES TO 8-INCHES HIGH WITH 3:1 (H: V) SIDE SLOPES, ACROSS THE FOUNDATION APPROXIMATELY 15 FEET FROM THE ENTRANCE TO DIVERT RUNOFF AWAY FROM THE PUBLIC ROAD.

5. PLACE GEOTEXTILE FABRIC AND GRADE FOUNDATION TO IMPROVE STABILITY, ESPECIALLY WHERE WET CONDITIONS ARE ANTICIPATED. 6. PLACE STONE TO DIMENSIONS AND GRADE SHOWN ON PLANS. LEAVE

SURFACE SMOOTH AND SLOPE FOR DRAINAGE. 7. DIVERT ALL SURFACE RUNOFF AND DRAINAGE FROM THE STONE PAD TO A

8. INSTALL PIPE UNDER PAD AS NEEDED TO MAINTAIN PROPER PUBLIC ROAD

GEOTEXTILE FABRIC TO STABILIZE FOUNDATION

SECTION "A-A" OF A CONSTRUCTION ENTRANCE/EXIT

COMMON TROUBLE POINTS

3. PAD TOO SHORT FOR HEAVY CONSTRUCTION TRAFFIC-EXTEND PAD BEYOND THE MINIMUM 50-FOOT LENGTH AS NECESSARY.

4. PAD NOT FLARED SUFFICIENTLY AT ROAD SURFACE, RESULTS IN MUD BEING TRACKED ON TO ROAD AND POSSIBLE DAMAGE TO ROAD.

5. UNSTABLE FOUNDATION - USE GEOTEXTILE FABRIC UNDER PAD AND/OR IMPROVE FOUNDATION DRAINAGE.

INSPECTION AND MAINTENANCE GUIDELINES THE ENTRANCE SHOULD BE MAINTAINED IN A CONDITION, WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.

2. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY SHOULD BE REMOVED IMMEDIATELY BY CONTRACTOR. 3. WHEN NECESSARY, WHEELS SHOULD BE CLEANED TO REMOVE SEDIMENT

PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY. 4. WHEN WASHING IS REQUIRED, IT SHOULD BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR

SEDIMENT BASIN. 5. ALL SEDIMENT SHOULD BE PREVENTED FROM ENTERING ANY STORM DRAIN, DITCH OR WATER COURSE BY USING APPROVED METHODS.





SHOOT GROWTH AND THATCH.

SITE PREPARATION







Bryan W. Shaw, Ph.D., *Chairman* Toby Baker, *Commissioner* Jon Niermann, *Commissioner* Richard A. Hyde, P.E., *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

April 11, 2016

RECEIVED APR 1 4 2016 COUNTY ENGINEER

Mr. Thomas H. Hornseth, P.E. Comal County Engineer 195 David Jonas Drive New Braunfels TX 78132-3710

Re: Edwards Aquifer, Comal County PROJECT NAME: Bracken Christian School, located at 670 Old Boerne Road, Bulverde, Texas

PLAN TYPE: Application for an Exception Request, 30 Texas Administration Code (TAC) Chapter 213; Edwards Aquifer Protection Program

Dear Mr. Hornseth:

The referenced application is being forwarded to you pursuant to the Edwards Aquifer Rules. The Texas Commission on Environmental Quality (TCEQ) is required by 30 TAC Chapter 213 to provide copies of all applications to affected incorporated cities and underground water conservation districts for their comments prior to TCEQ approval. More information regarding this project may be obtained from the TCEQ Central Registry website at <u>http://www.tceq.state.tx.us/permitting/central_registry/</u>.

Please forward your comments to this office by May 11, 2016.

The Texas Commission on Environmental Quality appreciates your assistance in this matter and your compliance efforts to ensure protection of the State's environment. If you or members of your staff have any questions regarding these matters, please feel free to contact the San Antonio Region Office at (210) 490-3096.

Sincerely

Todd Jones, Water Section Work Leader San Antonio Regional Office

TJ/eg

TCEQ Region 13 • 14250 Judson Rd. • San Antonio, Texas 78233-4480 • 210-490-3096 • Fax 210-545-4329



San Antonic Austin Houston Fort Worth Da as

RECEIVED

APR 1 4 2016

COUNTY ENGINEER

BRACKEN CHRISTIAN SCHOOL

Contributing Zone Exception Request

RECEIVED TCEQ-R13 (EAPP)

APR 1 1 2016

SAN ANTONIO

April 2016

RECEIVED APR 1 4 2016 COUNTY ENGINEER

9

BRACKEN CHRISTIAN SCHOOL Contributing Zone Exception Request

April 2016

Texas Board of Professional Engineers, Firm Registration # 470





April 8, 2016

Mr. Todd Jones Texas Commission on Environmental Quality (TCEQ) Region 13 14250 Judson Road San Antonio, Texas 78233-4480

Re: Bracken Christian School Contributing Zone Exception Application

Dear Mr. Jones:

Please find attached one (1) original and five (5) copies of the Bracken Christian School Contributing Zone Exception Application. This Contributing Zone Exception Application has been prepared in accordance with the Texas Administrative Code (30 TAC 213) and current policies for development over the Edwards Aquifer Contributing Zone.

This Contributing Zone Exception Application applies to an approximate 19.62-acre site as identified by the project limits. Please review the plan information for the items it is intended to address. If acceptable, please provide a written approval of the plan in order that construction may begin at the earliest opportunity.

Appropriate review fees (\$500) and fee application are included. If you have questions or require additional information, please call our office.

Sincerely, Pape-Dawson Engineers, Inc.

Dennis Rion, P.E.

Executive Vice President

Attachments

P.\110\48\00\Word\Cover Letter.docx

TBPE Firm Registration #470 | TBPLS Firm Registration #10028B00 San Antonio I Austin I Houston I Fort Worth I Dallas

Transportation | Water Resources | Land Development | Surveying | Environmental 2000 NW Loop 410, San Antonio, TX 78213 T: 210.375.9000 www.Pape-Dawson.com

EDWARDS AQUIFER APPLICATION COVER PAGE (TCEQ-20705)

RECEIVED APR 1 4 2016 COUNTY ENGINEER **Edwards Aquifer Application Cover Page**

Our Review of Your Application

Texas Commission on Environmental Quality

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

Administrative Review

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

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

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

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

- If an application is received by mail, courier service, or otherwise submitted without a review meeting, the 5. 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

When an application is deemed administratively complete, the technical review period begins. The regional 1. 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 if not withdrawn the application will be denied and 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 to you:

- You can withdraw your application, and your fees will be refunded or credited for a resubmittal.
- 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 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 effected 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

2. Regulated Entity No.: 101248599 1. Regulated Entity Name: Bracken Christian School Bracken Christian School of 4. Customer No.: 600684286 3. Customer Name: Bulverde 5. Project Type: New Modification Extension Exception (Please circle/check one) Technical **Optional Enhanced** 6. Plan Type: WPAP CZP SCS UST AST EXP EXT (Please circle/check one) Clarification Measures 7. Land Use: Non-residential) 8. Site (acres): Residential 19.61 (Please circle/check one) 9. Application Fee: 10. Permanent BMP(s): \$500 12. AST/UST (No. Tanks): 11. SCS (Linear Ft.): 14. Watershed: 13. County: Comal Cibolo Creek

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

Application Distribution

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

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

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

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

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

	I certify that to the best of my knowledge, that the application is complete and accurate. This application is hereby submitted to TCEQ for administrative review and technical review.
<	Dennis Rion, P.E. Print Name of Customer/Authorized Agent Signature of Customer/Authorized Agent Date

FOR TCEQ INTERNAL USE ONLY	
Date(s)Reviewed:	Date Administratively Complete:
Received From:	Correct Number of Copies:
Received By: Distribution Date:	
EAPP File Number:	Complex:
Admin. Review(s) (No.):	No. AR Rounds:
Delinquent Fees (Y/N):	Review Time Spent:
Lat./Long. Verified:	SOS Customer Verification:
Agent Authorization Complete/Notarized (Y/N):	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 EXCEPTION REQUEST FORM

Contributing Zone Exception Request Form

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 Exception Request Form** is hereby submitted for TCEQ review and executive director approval. The request was prepared by:

Print Name of Customer/Agent: Dennis Rion, P.E.

Date: 4-07-16

Signature of Customer/Agent:



Regulated Entity Name: Bracken Christian School

Project Information

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

Contact Person: Ed ThomasEntity: Bracken Christian School of BulverdeMailing Address: 670 Old Boerne RoadCity, State: Bulverde, TexasZip: 78163Telephone: (830)980-3267Email Address: ____

5. Agent/Representative (If any):

Contact Person: <u>Dennis Rion, P.E.</u> Entity: <u>Pape Dawson Engineers, Inc.</u> Mailing Address: <u>2000 NW Loop 410</u> City, State: <u>San Antonio, TX</u> Telephone: <u>210-375-9000</u> Email Address: <u>DRion@pape-dawson.com</u>

Zip: <u>78213</u> Fax: <u>210-375-9010</u>

- 6. Project Location
 - This project is inside the city limits of _____.
 - This project is outside the city limits but inside the ETJ (extra-territorial jurisdiction) of <u>Bulverde</u>.
 - This project is not located within any city 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.

From TCEQ regoinal office proceed 2.5 miles to Loop 1604 North. Turn left on Loop
1604 and travel West approximately 0.5 miles to US 281 N. Turn Right onto US 281 N
and proceed approximately 13.2 miles to TX 46 W. Turn left onto Texas 46 W. Proceed
approximately 0.7 MIles and turn left onto Old Boerne Road. The site will be
approximatley 0.6 miles on the right. The site address is 670 Old Boerne Rd, Bulverde,
Texas 78163.

- 8. Attachment A Road Map. A road map showing directions to and 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 USGS Quadrangle Map (Scale: 1" = 2000') is attached. The map(s) should clearly show:

Project site boundaries.

10. Attachment C - Project Narrative. A detailed narrative description of the proposed project is provided at the end of this form. The project description is consistent throughout the application and contains, at a minimum, the following details:

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

11. Existing project site conditions are noted below:

TCEQ-10262 (Rev. 03-13-15)

Existing commercial site

- Existing industrial site
- Existing residential site

Existing paved and/or unpaved roads

Undeveloped (Cleared)

Undeveloped (Undisturbed/Not cleared)

- Other: Elementary and Secondary School
- 12. Attachment D Nature Of Exception. A narrative description of the nature of each exception requested is attached. All provisions of 30 TAC §213 Subchapter B for which an exception is being requested have been identified in the description.
- 13. Attachment E Equivalent Water Quality Protection. Documentation demonstrating equivalent water quality protection for surface streams which enter the Edwards Aquifer is attached.

Administrative Information

- 14. 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.
- 15. The applicant understands that prior approval under this section must be obtained from the executive director for the exception to be authorized.

ATTACHMENT A

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BRACKEN CHRISTIAN SCHOOL Contributing Zone Plan





Pape-Dawson Engineers, Inc. Date: Apr 07, 2016, 8:34am User ID: ROlivarez File: P:\110\48\00\Design\Environmental\RM1104800.dwg ATTACHMENT A Road Map
ATTACHMENT B



ANHALT, TX QUAD; BATCAVE, TX QUAD; BULVERDE, TX QUAD; LONGHORN, TX QUAD; SCHERTZ, TX QUAD; SMITHSON VALLEY, TX QUAD

MATCHLINE See Sheet 2 of 5

Pape-Dawson Engineers, Inc.

USGS/EDWARDS RECHARGE ZONE MAP Sheet 1 Of 5 ATTACHMENT B



ANHALT, TX QUAD; BATCAVE, TX QUAD; BULVERDE, TX QUAD; LONGHORN, TX QUAD; SCHERTZ, TX QUAD; SMITHSON VALLEY, TX QUAD Pape-Dawson Engineers, Inc.

MATCHLINE See Sheet 3 of 5

USGS/EDWARDS RECHARGE ZONE MAP Sheet 2 Of 5 ATTACHMENT B

BRACKEN CHRISTIAN SCHOOL Contributing Zone Plan

MATCHLINE See Sheet 2 of 5



Pape-Dawson Engineers, Inc.



USGS/EDWARDS RECHARGE ZONE MAP Sheet 3 Of 5 ATTACHMENT B

BRACKEN CHRISTIAN SCHOOL Contributing Zone Plan





Pape-Dawson Engineers, Inc.



Sheet 4 Of 5 ATTACHMENT B



ANHALT, TX QUAD; BATCAVE, TX QUAD; BULVERDE, TX QUAD; LONGHORN, TX QUAD; SCHERTZ, TX QUAD; SMITHSON VALLEY, TX QUAD

Pape-Dawson Engineers, Inc.

USGS/EDWARDS RECHARGE ZONE MAP Sheet 5 Of 5 ATTACHMENT B

ATTACHMENT C

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BRACKEN CHRISTIAN SCHOOL Contributing Zone Exception Request Form (TCEQ-10262)

Attachment C – Project Narrative

Bracken Christian School is an Elementary and Secondary School in the Extra-Territorial Jurisdiction (ETJ) of The City of Bulverde in Comal County, Texas. Approximately 3.62 acres (or 18.5% of the 19.62 acres site) is the current impervious cover for buildings, sidewalk, parking and drives. Existing impervious cover predates the §213.20 effective adopted date of June 1, 1999. Per 30 TAC 213B.26 (a) an exception from permanent best management practice PBMPs is requested. Granting of exceptions to any substantive provision of this subchapter related to the protection of water quality may be granted by the executive director if the requestor can demonstrate equivalent water quality protection for surface streams which enter the recharge zone of the Edwards Aquifer. Prior approval under this section must be obtained from the executive director for the exception to be authorized.

Proposed regulated activities include additional clearing, grading, excavation, installation of utilities and drainage improvements related to construction of one (1) four-thousand square foot (4,000 sqft.) field house building. Proposed impervious cover to be constructed is 0.09 acres. The remaining portions of the site will remain as currently constructed. The total site impervious cover will be 3.71 areas, or 18.9% of the 19.62 acre project limits, after construction of the proposed field house. The area within the site where the field house is proposed was a previously cleared area of the site.

The site is located at 670 Old Boerne Road in Comal County and lies within the Cibolo Creek watershed and does not contain 100-year floodplain. This site is entirely over the Edwards Aquifer Contributing Zone, a Geologic Assessment was not conducted and is not required; therefore, no sensitive features were identified.

Potable water service is provided by a private well and wastewater is treated by two existing OSSF; Comal County OSSF #74083 (behind the Administration Building) and OSSF # 89380 (behind the Elementary School Building). The proposed field house will tie into OSSF # 89380.



ATTACHMENT D

BRACKEN CHRISTIAN SCHOOL Contributing Zone Exception Request Form (TCEQ-10262)

Attachment D - Nature of Exception

Bracken Christian School is an Elementary and Secondary School in the Extra-Territorial Jurisdiction (ETJ) of The City of Bulverde in Comal County, Texas. Approximately 3.62 acres (or 18.5% of the 19.62 acres site) is the current impervious cover for buildings, sidewalk, parking and drives. Existing impervious cover predates the §213.20 effective adopted date of June 1, 1999. Per 30 TAC 213B.26 (a) an exception from permanent best management practice PBMPs is requested. Granting of exceptions to any substantive provision of this subchapter related to the protection of water quality may be granted by the executive director if the requestor can demonstrate equivalent water quality protection for surface streams which enter the recharge zone of the Edwards Aquifer. Prior approval under this section must be obtained from the executive director for the exception to be authorized.

Proposed regulated activities include additional clearing, grading, excavation, installation of utilities and drainage improvements, construction of one (1) four-thousand square foot (4,000 sq ft.) field house building. After the addition of the field house building the impervious cover total will be approximately 3.71 ac, or 18.9 % of the 19.62 project limits. The addition of 0.09 acres of impervious cover will not affect the surrounding topography and stormwater will be allowed to sheet flow through the site. The remaining portions of the site will remain as currently constructed. The total site impervious cover will be 3.71 ac, or 18.9% of the 19.62 acre project limits, after construction of the proposed field house. The area within the site where the field house is proposed was a previously cleared area of the site. Due to the limited amount of impervious cover proposed to add to grandfathered impervious cover and minimal disturbance associated with the construction, a request for an exception is presented.



ATTACHMENT E

BRACKEN CHRISTIAN SCHOOL Contributing Zone Exception Request Form (TCEQ-10262)

Attachment E - Equivalent Water Quality Protection

Proposed regulated activities include additional clearing, grading, excavation, installation of utilities and drainage improvements for construction of one (1) four-thousand square foot (4,000 sq ft.) field house building. After the addition of the field house building the impervious cover total will be approximately 3.71 acres, or 18.9 % of the 19.62 acre project limits. The addition of 0.09 acres of impervious cover associated with the field house building will not affect the surrounding topography and stormwater will be allowed to sheet flow through the site. Because the site consists of low density construction (20% IC or less) no permanent BMPs are required as the site would comply with the exemption from permanent BMPs outlined in 213.5.



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: Dennis Rion, P.E.

Date: 4-07-16

Signature of Customer/Agent:

Regulated Entity Name: Bracken Christian School

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>Construction</u> <u>Staging Area</u>

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



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1 of 5

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: Lewis Creek

Temporary Best Management Practices (TBMPs)

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

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

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

ATTACHMENT A

Spill Response Actions

In the event of an accidental leak or spill:

- Spill must be contained and cleaned up immediately.
- Spills will not be merely buried or washed with water.
- Contractor shall take action to contain spill. Contractor may use sand or other absorbent material stockpiled on site to absorb spill. Absorbent material should be spread over the spill area to absorb the spilled product.
- In the event of an uncontained discharge the contractor shall utilize onsite equipment to construct berms downgradient of the spill with sand or other absorbent material to contain and absorb the spilled product.
- Spill containment/absorbent materials along with impacted media must be collected and stored in such a way so as not to continue to affect additional media (soil/water). Once the spill has been contained, collected material should be placed on poly or plastic sheeting until removed from the site. The impacted media and cleanup materials should be covered with plastic sheeting and the edges weighed down with paving bricks or other similarly dense objects as the material is being accumulated. This will prevent the impacted media and cleanup materials from becoming airborne in windy conditions or impacting runoff during a rain event. The stockpiled materials should not be located within an area of concentrated runoff such as along a curb line or within a swale.
- Contaminated soils and cleanup materials will be sampled for waste characterization. When the analysis results are known the contaminated soils and cleanup materials will be removed from the site and disposed in a permitted landfill in accordance with applicable regulations.
- The contractor will be required to notify the owner, who will in turn contact TCEQ to notify them in the event of a significant hazardous/reportable quantity spill. Additional notifications as required by the type and amount of spill will be conducted by owner or owner's representative.

In the event of an accidental significant or hazardous spill:

- The contractor will be required to report significant or hazardous spills in reportable quantities to:
 - the National Response Center at (800) 424-8802
 - the Edwards Aquifer Authority at (210) 222-2204
 - the TCEQ Regional Office (210) 490-3096 (if during business hours: 8 AM to 5 PM) or
 - the State Emergency Response Center (800) 832-8224 (if after hours)



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• Contaminated soils will be sampled for waste characterization. When the analysis results are known the contaminated soils will be removed from the site and disposed in a permitted landfill in accordance with applicable regulations.

Additional guidance can be obtained from TCEQ's Technical Guidance Manual (TGM) RG-348 (2005) Section 1.4.16. Contractor shall review this section.



ATTACHMENT B

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Potential Source

Potential Source

Preventive Measure

Attachment B - Potential Sources of Contamination

Other potential sources of contamination during construction include:

- Oil, grease, fuel and hydraulic fluid contamination construction from equipment and vehicle dripping.
- Preventative Measure Vehicle maintenance when possible will be performed within the construction staging area.
 - Construction vehicles and equipment shall be checked regularly for leaks and repaired immediately.
 - **Potential Source** Accidental leaks or spills of oil, petroleum products and substances listed under 40 CFR parts 110, 117, and 302 used or stored temporarily on site.
- Contractor to incorporate into regular **Preventative Measure** safety meetings, a discussion of spill and appropriate prevention disposal procedures.
 - Contractor's superintendent or representative overseer shall enforce proper spill prevention and control measures.
 - Hazardous materials and wastes shall be stored in covered containers and protected from vandalism.
 - A stockpile of spill cleanup materials shall be stored on site where it will be readily accessible.
 - Miscellaneous trash and litter from construction workers material and wrappings.
- **Preventive** Measure Trash containers will be placed throughout the site to encourage proper trash disposal. **Potential Source**
 - Construction debris.
 - Construction debris will be monitored daily • by contractor. Debris will be collected weekly and placed in disposal bins. Situations requiring immediate attention will be addressed on a case by case basis.

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Potential Source

Spills/Overflow of waste from portable toilets

Preventative Measure
Portable toilets will be placed away from high traffic vehicular areas and storm drain inlets.

- Portable toilets will be placed on a level ground surface.
- Portable toilets will be inspected regularly for leaks and will be serviced and sanitized at time intervals that will maintain sanitary conditions.



C ATTACHMENT

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Attachment C - Sequence of Major Activities

The sequence of major activities which disturb soil during construction on this site will be divided into two stages. The first is site preparation that will include clearing and grubbing of vegetation where applicable. This will disturb approximately 0.5 acres. The second is construction that will include construction of one (1) building, installation of utilities, landscaping and site cleanup. This will disturb approximately 0.5 acres.



ATTACHMENT D

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Attachment D - Temporary Best Management Practices and Measures

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

No upgradient water will cross the project site. All TBMPs will be utilized and are adequate for the drainage areas they serve.

b. 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.

Site preparation, which is the initiation of all activity on the project, will disturb the largest amount of soil. Therefore, before any of this work can begin, the clearing and grading contractor will be responsible for the installation of all on-site control measures. The methodology for pollution prevention of on-site stormwater will include: (1) erection of silt fences along the downgradient boundary of construction activities for temporary erosion and sedimentation controls, (2) installation of rock berms with silt fencing downgradient from areas of concentrated stormwater flow for temporary erosion control, (3) installation of stabilized construction entrance/exit(s) to reduce the dispersion of sediment from the site, and (4) installation of construction staging area(s).

Prior to the initiation of construction, all previously installed control measures will be repaired or reestablished for their designed or intended purpose. This work, which is the remainder of all activity on the project, may also disturb additional soil. The construction contractor will be responsible for the installation of all remaining on-site control measures that includes installation of the concrete truck washout pit(s), as construction phasing warrants.

Temporary measures are intended to provide a method of slowing the flow of runoff from the construction site in order to allow sediment and suspended solids to settle out of the runoff. By containing the sediment and solids within the site, they will not enter surface streams and/or sensitive features.

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

This site is entirely over the Edwards Aquifer Contributing Zone, a Geologic Assessment was not conducted and is not required; therefore, no sensitive features were identified.

Temporary measures are intended to provide a method of slowing the flow of runoff from the construction site in order to allow sediment and suspended solids to settle out of the runoff. By containing the sediment and solids within the site, they will not enter surface streams and/or sensitive features.

d. 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.



This site is entirely over the Edwards Aquifer Contributing Zone, a Geologic Assessment was not conducted and is not required; therefore, no sensitive features were identified.

BMP measures utilized in this plan are intended to allow stormwater to continue downstream after passing through the BMPs. This will allow stormwater runoff to continue downgradient to streams or features that may exist downstream of the site.



ATTACHMENT F

Attachment F – Structural Practices

The following structural measures will be installed prior to the initiation of site preparation activities:

- Erection of silt fences along the downgradient boundary of construction activities as located on Exhibit 1 and illustrated in Exhibit 2.
- Installation of stabilized construction entrance/exit(s) and construction staging area(s), as located on Exhibit 1, and illustrated on Exhibit 2.

The following structural measures will be installed at the initiation of construction activities or as appropriate based on the construction sequencing:

• Installation of concrete truck washout pit(s), as required and located on Exhibit 1 and illustrated on Exhibit 2.

ATTACHMENT G

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Attachment G- Drainage Area Map

No more than ten (10) acres will be disturbed within a common drainage area at one time as construction of civil infrastructure (utilities, drainage, etc.) will precede building construction. All TBMPs utilized are adequate for the drainage areas served.



ATTACHMENT I

Attachment I - Inspection and Maintenance for BMPs

Designated and qualified person(s) shall inspect Pollution Control Measures weekly and within 24 hours after a storm event. An inspection report that summarizes the scope of the inspection, names and qualifications of personnel conducting the inspection, date of the inspection, major observations, and actions taken as a result of the inspection shall be recorded and maintained as part of Storm Water TPDES data for a period of three years after the Notice of Termination (NOT) has been filed. A copy of the Inspection Report Form is provided in this Storm Water Pollution Prevention Plan.

As a minimum, the inspector shall observe: (1) significant disturbed areas for evidence of erosion, (2) storage areas for evidence of leakage from the exposed stored materials, (3) structural controls (rock berm outlets, silt fences, drainage swales, etc.) for evidence of failure or excess siltation (over 6 inches deep), (4) vehicle exit point for evidence of off-site sediment tracking, (5) vehicle storage areas for signs of leaking equipment or spills, (6) concrete truck rinse-out pit for signs of potential failure, (7) embankment, spillways, and outlet of sediment basin (where applicable) for erosion damage, and (8) sediment basins (where applicable) for evidence that basin has accumulated 50% of its volume in silt. Deficiencies noted during the inspection will be corrected and documented within seven calendar days following the inspection or before the next anticipated storm event if practicable.

Contractor shall review Sections 1.3 and 1.4 of TCEQ's Technical Guidance Manual for additional BMP inspection and maintenance requirements.





Pollution Prevention Measure		Corrective Action Required					
		Description (use additional sheet if necessary)	Date Completed				
Best Management Practices							
Natural vegetation buffer strips							
Temporary vegetation							
Permanent vegetation							
Sediment control basin							
Silt fences							
Rock berms							
Gravel filter bags							
Drain inlet protection							
Other structural controls							
Vehicle exits (off-site tracking)							
Material storage areas (leakage)							
Equipment areas (leaks, spills)							
Concrete washout pit (leaks, failure)							
General site cleanliness							
Trash receptacles							
Evidence of Erosion							
Site preparation							
Roadway or parking lot construction							
Utility construction							
Drainage construction							
Building construction							
Major Observations							
Sediment discharges from site							
BMPs requiring maintenance							
BMPs requiring modification							
Additional BMPs required							

A brief statement describing the qualifications of the inspector is included in this SWP3.

"I 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 I am an authorized signatory in accordance with the provisions of 30 TAC §305.128."

Inspector's Name	Inspector's Signature	Date
NAMENAN KATONI SALONG KATONI KATO		ten allen besen en e
		PAPE-DAWSON

Page 2 of 3

ENGINEERS
BRACKEN CHRISTIAN SCHOOL Temporary Stormwater Section (TCEQ-0602)

PROJECT MILESTONE DATES

Date when major site grading activities begin:

Construction Activity	Date
Installation of BMPs	

Dates when construction activities temporarily or permanently cease on all or a portion of the project:

ATTACHMENT I Temporary Stormwater Section	Page 3 of 3	PAPE-DAWSON ENGINEERS	V
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Removal of BMPs			
Stabilization Activity		Date	
Dates when stabilization measures	are initiated:		
Construction Activity		Date	

ATTACHMENT J

BRACKEN CHRISTIAN SCHOOL Temporary Stormwater Section (TCEQ-0602)

Attachment J - Schedule of Interim and Permanent Soil Stabilization Practices

Interim on-site stabilization measures, which are continuous, will include minimizing soil disturbances by exposing the smallest practical area of land required for the shortest period of time and maximizing use of natural vegetation. As soon as practical, all disturbed soil will be stabilized as per project specifications in accordance with pages 1-35 to 1-60 of TCEQ's Technical Guidance Manual (TGM) RG-348 (2005). Mulching, netting, erosion blankets and seeding are acceptable.

Stabilization measures will be initiated as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, and except as provided below, will be initiated no more than fourteen (14) days after the construction activity in that portion of the site has temporarily or permanently ceased. Where construction activity on a portion of the site is temporarily ceased, and earth disturbing activities will be resumed within twenty-one (21) days, temporary stabilization measures do not have to be initiated on that portion of site. In areas experiencing droughts where the initiation of stabilization measures by the 14th day after construction activity has temporarily or permanently ceased is precluded by seasonably arid conditions, stabilization measures must be initiated as soon as practicable.



AGENT AUTHORIZATION **FORM (TCEQ-0599)**

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

I	Ed Thomas Print Name	,
	Fillt Name	
	Superintendent	,
	Title - Owner/President/Other	
of	Bracken Christian School Corporation/Partnership/Entity Name	
have authorized _	Pape-Dawson Engineers, Inc. Print Name of Agent/Engineer	<u> </u>
of	Pape-Dawson Engineers, Inc. Print Name of Firm	

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

I also understand that:

- 1. The applicant is responsible for compliance with 30 Texas Administrative Code Chapter 213 and any condition of the TCEQ's approval letter. The TCEQ is authorized to assess administrative penalties of up to \$10,000 per day per violation.
- 2. For those submitting an application who are not the property owner, but who have the right to control and possess the property, additional authorization is required from the owner.
- 3. Application fees are due and payable at the time the application is submitted. The application fee must be sent to the TCEQ cashier or to the appropriate regional office. The application will not be considered until the correct fee is received by the commission.
- 4. A notarized copy of the Agent Authorization Form must be provided for the person preparing the application, and this form must accompany the completed application.
- 5. No person shall commence any regulated activity on the Edwards Aquifer Recharge Zone, Contributing Zone or Transition Zone until the appropriate application for the activity has been filed with and approved by the Executive Director.

SIGNATURE PAGE:

mas pplicant's Signature

<u>3.23-16</u> Date

THE STATE OF $\underline{\mathcal{TX}}$ § County of COMAL &

BEFORE ME, the undersigned authority, on this day personally appeared <u>ED THOMAS</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 <u>3</u> day of <u>MARCH</u>, <u>16</u>.



NOTARY PUBLIC

LESLIE K., Typed or Printed Name of Notary

MY COMMISSION EXPIRES: 8-31-18

APPLICATION FEE FORM (TCEQ-0574)

Application Fee Form

Texas Commission on Environme	ental Quality				
Name of Proposed Regulated Entity: Bracken Christian School					
Regulated Entity Location: 670 Old Boerne Road, Bulverde, Texas 78163-3202					
Name of Customer: Bracken Chris	stian School of Bulverde				
Contact Person: <u>Ed Thomas</u>	Phon	e: <u>(830)980-3267</u>			
Customer Reference Number (if i	ssued):CN <u>600684286</u>				
Regulated Entity Reference Num	per (if issued):RN <u>10124</u>	<u>8599</u>			
Austin Regional Office (3373)					
Hays	Travis	🗌 Wi	lliamson		
San Antonio Regional Office (336	52)				
Bexar Medina Uvalde					
🔀 Comal	 Kinney				
Application fees must be paid by	check, certified check, c	or money order, payab	le to the Texas		
Commission on Environmental C	uality. Your canceled c	heck will serve as your	receipt. This		
form must be submitted with yo	ur fee payment. This pa	ayment is being submi	tted to:		
Austin Regional Office	🖂 Sa	an Antonio Regional O	ffice		
Mailed to: TCEQ - Cashier	o	vernight Delivery to: T	CEQ - Cashier		
Revenues Section	1	2100 Park 35 Circle			
Mail Code 214	В	uilding A, 3rd Floor			
P.O. Box 13088	A	ustin, TX 78753			
Austin, TX 78711-3088	(2	512)239-0357			
Site Location (Check All That App	oly):				
🔲 Recharge Zone	🔀 Contributing Zone	🔲 Transi	tion Zone		
Type of Pla	ın	Size	Fee Due		
Water Pollution Abatement Plan,					
Plan: One Single Family Residenti	Ŧ	Acres	\$		
Water Pollution Abatement Plan,					
Plan: Multiple Single Family Resid	÷	Acres	\$		
Water Pollution Abatement Plan,	Control 1 - 7				
Diam. Nam. nantale - +!-!	Contributing Zone				
Plan: Non-residential Acres \$					
Plan: Non-residential Sewage Collection System	Contributing Zone	Acres L.F.	\$ \$		
	Contributing Zone				
Sewage Collection System		L.F.	\$		
Sewage Collection System Lift Stations without sewer lines		L.F. Acres	\$ \$		
Sewage Collection System Lift Stations without sewer lines Underground or Aboveground St		L.F. Acres Tanks	\$ \$ \$		
Sewage Collection System Lift Stations without sewer lines Underground or Aboveground St Piping System(s)(only)		L.F. Acres Tanks Each	\$ \$ \$ \$		

Signature:

Date: 4-07-14

Application Fee Schedule

Texas Commission on Environmental Quality

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

Water Pollution Abatement Plans and Modifications

Contributing Zone Plans and Modifications

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

	Cost per Tank or	Minimum Fee-
Project	Piping System	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-10400)

•



TCEQ Core Data Form

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

SECTION I: General Information

1. Reason for Submission (If other New Permit, Registration or Auth					the program application	.)	
Renewal (Core Data Form shot					ner Exception	1.)	
2. Customer Reference Number (if						nce Number	r (if issued)
CN 600684286		Follow this link to search for CN or RN numbers in Central Registry**		3. Regulated Entity Reference Number (<i>if issued</i>) RN 101248599			
SECTION II: Customer l	Information						
4. General Customer Information	5. Effective I	Date for Customer	r Inform	ation U	pdates (mm/dd/yyyy)		
New Customer Change in Legal Name (Verifiable		Ipdate to Customer ecretary of State or			_ 0	Regulated E	Entity Ownership
The Customer Name submitt						rrent and	active with the
Texas Secretary of State (SO	S) or Texas Co	omptroller of P	ublic A	Accourt	nts (CPA).	1	
6. Customer Legal Name (If an indivi	idual, print last name	first: eg: Doe, John)	_	<u>If ne</u>	w Customer, enter previ	ous Custome	r below:
7. TX SOS/CPA Filing Number	8. TX State 1	8. TX State Tax ID (11 digits)			9. Federal Tax ID (9 digits) 10. DUNS Number (# 6		
11. Type of Customer: Corpo	oration	tion Individual			Partnership: 🗌 Gener	al 🗌 Limited	
Government: City County Fede	ral 🗌 State 🗌 Other	Sole F	Proprieto	orship	Other:		
12. Number of Employees 0-20 21-100 101-25	0 251-500	501 and hig	her		Independently Owned Yes 🗌 No	and Opera	ted?
14. Customer Role (Proposed or Actu	ial) - as it relates to	the Regulated Entity	listed on	this form	. Please check one of the	following:	
	erator esponsible Party		& Opera ary Clear		licant Other:		
15. Mailing Address:							
City		State	_	ZIP		ZIP + 4	
16. Country Mailing Information (if	outside USA)		17. E-	Mail Ac	dress (if applicable)		
18. Telephone Number () -		19. Extension or	Code		20. Fax Numbe	er (if applical	nle)

SECTION III: Regulated Entity Information

21. General Regulated Entity Info	rmation (If 'New Regulated Entity"	is selected below this form should be accompanied by a permit application)
New Regulated Entity	date to Regulated Entity Name	Update to Regulated Entity Information
The Regulated Entity Name of organizational endings s		I in order to meet TCEQ Agency Data Standards (removal
22. Regulated Entity Name (Enter	name of the site where the regulated a	ction is taking place.)
Bracken Christian School		

23. Street Address of	670 Ol	d Boerne Roa	ad					
the Regulated Entity: (No PO Boxes)	City	Bulverde	State	TX	ZIP	78163	ZIP+4	3202
24. County	Comal							
	E	nter Physical Lo	ocation Descrip	tion if no st	reet address is	provided.		
25. Description to Physical Location:	Approx	cimately 0.6	mile on Old	Boerne R	oad from in	tersection w	with US-46	
26. Nearest City	-l					State	Ne	arest ZIP Code
Bulverde						Texa	IS	78163
27. Latitude (N) In Dec	imal:	29.793654		2	8. Longitude (V	V) In Decima	I: -98.4293	85
Degrees	Minutes		Seconds	De	egrees	Minutes		Seconds
29		47	37.1		98		25	45.8
29. Primary SIC Code (4	digits) 3	0. Secondary Sl	C Code (4 digits)	31. Pri	mary NAICS Co		. Secondary NA or 6 digits)	ICS Code
8211					611110			
33. What is the Primary	Business o	f this entity?	(Do not repeat the S	IC or NAICS de	scription.)			
Elementary and Sec	condary S	chool						
34. Mailing	670 O	ld Boerne Ro	oad					
Address:	City	Bulverde	State	TX	ZIP	78163	ZIP + 4	3202
35. E-Mail Address	s: ea	d.thomas@br	rackenchristi	an.com				
36. Telepi	hone Numb	er	37. Exte	nsion or Co	de	38. Fax N	umber (if appli	cable)
(830)	980-3267					(8	830)980-2327	
39. TCEQ Programs and form. See the Core Data Form				e permits/regis	stration numbers	that will be affected	ed by the updates	submitted on this
		ior deditional gala	Gillour					

L Dain Darcty		Edwards Aquiler		
Municipal Solid Waste	New Source Review Air	OSSF	Petroleum Storage Tank	D PWS
Sludge	Storm Water	Title V Air	Tires	Used Oil
Voluntary Cleanup	Waste Water	Wastewater Agriculture	Water Rights	Other:

SECTION IV: Preparer Information

40. Name:	40. Name: Jean Pritchett		41. Title: Environmental Specialist		
42. Telepho	ne Number	43. Ext./Code	44. Fax Number	45. E-Mai	I Address
(210)37	(210)375-9000		(210) 375-9010	jpritchett@pape-dawson.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:	Pape-Dawson Engineers, Inc. Job Title:		Executive Vice President		
Name(In Print) :	Dennis Rion, P.E.		Phone:	(210) 375 9000	
Signature:)	Date:	4/11/16	





TEXAS COMMISSION ON ENVIRONMENTAL QUALITY CONTRIBUTING ZONE PLAN GENERAL CONSTRUCTION NOTES

1. WRITTEN CONSTRUCTION NOTIFICATION SHOULD BE PROVIDED TO THE APPROPRIATE TCEQ REGIONAL OFFICE NO LATER THAN 48 HOURS PRIOR TO COMMENCEMENT OF THE REGULATED ACTIVITY. INFORMATION SHOULD INCLUDE THE DATE ON WHICH THE REGULATED ACTIVITY WILL COMMENCE, THE NAME OF THE APPROVED PLAN FOR THE REGULATED ACTIVITY, AND THE NAME OF THE PRIME CONTRACTOR WITH THE NAME AND TELEPHONE NUMBER OF THE CONTACT PERSON.

2. ALL CONTRACTORS CONDUCTING REGULATED ACTIVITIES ASSOCIATED WITH THIS PROJECT SHOULD BE PROVIDED WITH COMPLETE COPIES OF THE APPROVED CONTRIBUTING ZONE PLAN 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-SITE.

3. NO TEMPORARY ABOVEGROUND HYDROCARBON AND HAZARDOUS SUBSTANCE STORAGE TANK SYSTEM MAY BE INSTALLED WITHIN 150 FEET OF A DOMESTIC, INDUSTRIAL, IRRIGATION, OR PUBLIC WATER SUPPLY WELL.

4. PRIOR TO COMMENCING CONSTRUCTION, ALL TEMPORARY EROSION AND SEDIMENTATION (E&S) CONTROL MEASURES MUST BE PROPERLY SELECTED, INSTALLED, AND MAINTAINED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AND GOOD ENGINEERING PRACTICES. CONTROLS SPECIFIED IN THE SWPPP SECTION OF THE APPROVED EDWARDS AQUIFER CONTRIBUTING ZONE PLAN ARE REQUIRED DURING CONSTRUCTION. IF INSPECTIONS INDICATE A CONTROL HAS BEEN USED INAPPROPRIATELY, OR INCORRECTLY, THE APPLICANT MUST REPLACE OR MODIFY THE CONTROL FOR SITE SITUATIONS. THE CONTROLS MUST REMAIN IN PLACE UNTIL DISTURBED AREAS ARE REVEGETATED AND THE AREAS HAVE BECOME PERMANENTLY STABILIZED.

5. 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).

6. SEDIMENT MUST BE REMOVED FROM SEDIMENT TRAPS OR SEDIMENTATION PONDS NOT LATER THAN WHEN DESIGN CAPACITY HAS BEEN REDUCED BY 50%. A PERMANENT STAKE MUST BE PROVIDED THAT CAN INDICATE WHEN THE SEDIMENT OCCUPIES 50% OF THE BASIN VOLUME.

7. 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).

8. ALL SPOILS (EXCAVATED MATERIAL) GENERATED FROM THE PROJECT SITE AND STORED ON-SITE MUST HAVE PROPER E&S CONTROLS INSTALLED.

* 9. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, AND CONSTRUCTION ACTIVITIES WILL NOT RESUME WITHIN 21 DAYS. WHEN THE INITIATION OF STABILIZATION MEASURES BY THE 14TH DAY IS PRECLUDED BY WEATHER CONDITIONS, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE.

10. THE FOLLOWING RECORDS SHOULD BE MAINTAINED AND MADE AVAILABLE TO THE TCEQ UPON REQUEST: 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.

11. THE HOLDER OF ANY APPROVED CONTRIBUTING ZONE PLAN MUST NOTIFY THE APPROPRIATE REGIONAL OFFICE IN WRITING AND OBTAIN APPROVAL FROM THE EXECUTIVE DIRECTOR PRIOR TO INITIATING ANY OF THE FOLLOWING:

A. ANY PHYSICAL OR OPERATIONAL MODIFICATION OF ANY BEST MANAGEMENT PRACTICES OR STRUCTURE(S), INCLUDING BUT NOT LIMITED TO TEMPORARY OR PERMANENT PONDS, DAMS, BERMS, SILT FENCES, AND DIVERSIONARY STRUCTURES;

B. ANY CHANGE IN THE NATURE OR CHARACTER OF THE REGULATED ACTIVITY FROM THAT WHICH WAS ORIGINALLY APPROVED;

C. ANY CHANGE THAT WOULD SIGNIFICANTLY IMPACT THE ABILITY TO PREVENT POLLUTION OF THE EDWARDS AQUIFER AND HYDROLOGICALLY CONNECTED SURFACE WATER: OR

D. ANY DEVELOPMENT OF LAND PREVIOUSLY IDENTIFIED IN A CONTRIBUTING ZONE PLAN AS UNDEVELOPED.

SAN ANTONIO REGIONAL OFFICE 14250 JUDSON ROAD SAN ANTONIO, TEXAS 78233-4480 PHONE (210) 490-3096 FAX (210) 545-4329

GENERAL NOTES:

1. DO NOT DISTURB VEGETATED AREAS (TREES, GRASS, WEEDS, BRUSH, ETC.) ANY MORE THAN NECESSARY FOR CONSTRUCTION.

2. LOCATIONS OF CONSTRUCTION ENTRANCE/EXITS, CONCRETE WASHOUT PITS, AND CONSTRUCTION EQUIPMENT AND MATERIAL STORAGE YARDS TO BE DETERMINED IN THE FIELD.

3. STORM WATER POLLUTION PREVENTION CONTROLS MAY NEED TO BE MODIFIED IN THE FIELD TO ACCOMPLISH THE DESIRED EFFECT. ALL MODIFICATIONS ARE TO BE NOTED ON THIS EXHIBIT AND SIGNED AND DATED BY THE RESPONSIBLE PARTY.

4. RESTRICT ENTRY/EXIT TO THE PROJECT SITE TO DESIGNATED LOCATIONS BY USE OF ADEQUATE FENCING, IF NECESSARY.

5. ALL STORM WATER POLLUTION PREVENTION CONTROLS ARE TO BE MAINTAINED AND IN WORKING CONDITIONS AT ALL TIMES.

6. CONTRACTOR, TO THE EXTENT PRACTICAL, SHALL MINIMIZE THE AMOUNT OF AREA DISTURBED. AS SOON AS PRACTICAL, ALL DISTURBED SOIL THAT WILL NOT BE COVERED BY IMPERVIOUS COVER SUCH AS PARKWAY AREAS, EASEMENT AREAS, EMBANKMENT SLOPES, ETC. WILL BE STABILIZED PER APPLICABLE PROJECT SPECIFICATIONS.

7. BEST MANAGEMENT PRACTICES MAY BE INSTALLED IN STAGES TO COINCIDE WITH THE DISTURBANCE OF UPGRADIENT AREAS.

8. BEST MANAGEMENT PRACTICES MAY BE REMOVED IN STAGES ONCE THE WATERSHED FOR THAT PORTION CONTROLLED BY THE BEST MANAGEMENT PRACTICES HAS BEEN STABILIZED.

9. ALL TEMPORARY BMPs WILL BE REMOVED ONCE WATERSHED IS STABILIZED. 10. MUD OR DIRT INADVERTENTLY TRACKED OFF-SITE AND ONTO EXISTING STREETS SHALL BE REMOVED IMMEDIATELY BY HAND OR MECHANICAL BROOM SWEEPING.

11. PRIOR TO INITIATION OF SUBSEQUENT PHASES OF CONSTRUCTION, TEMPORARY BMPs INCLUDING SILT FENCING, CONSTRUCTION ENTRANCE/EXIT, CONCRETE WASHOUT PIT, AND CONSTRUCTION STAGING AREA SHALL BE FIELD LOCATED AS APPROPRIATE FOR THE AREA OF CONSTRUCTION.

12. TEMPORARY POLLUTION ABATEMENT MEASURES SHOWN ON THE PLAN ARE FOR THE OVERALL DEVELOPMENT. TEMPORARY BMPs MAY REQUIRE ADJUSTMENT BASED ON PHASING OF CONSTRUCTION OF THE DEVELOPMENT. RECORDS OF ADJUSTMENTS AND REVISIONS SHALL BE MAINTAINED AS APPROPRIATE.

13. TEMPORARY BMPs SHOWN ON THIS SHEET ARE FOR GRAPHICAL PURPOSES AND MAY NOT BE TO SCALE. BMPs SHALL BE LOCATED WITHIN THE PROJECT LIMITS.

14. UPON COMPLETION OF THE PROJECT AND BEFORE FINAL PAYMENT IS ISSUED, CONTRACTOR SHALL REMOVE ALL SEDIMENT AND EROSION CONTROL MEASURES.

DATE

15. CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION SEQUENCING AND REMOVAL OF TEMPORARY POLLUTION ABATEMENT MEASURES THAT CONFLICT WITH SITE IMPROVEMENTS SUCH AS LANDSCAPING AND FENCES SO AS TO PREVENT SEDIMENT FROM ESCAPING THE PROJECT SITE.

TEMPORARY BMP MODIFICATIONS

DESCRIPTION

FLOW. WITH PERMANENT POLLUTION ABATEMENT MEASURES. THIS DOCUMENT HAS BEEN PRODUCED FROM MATERIAL THAT WAS STORED AND/OR TRANSMITTED ELECTRONICALLY AND MAY HAVE BEEN INADVERTENTLY ALTERED. RELY ONLY ON FINAL HARDCOPY MATERIALS BEARING THE CONSULTANT'S ORIGINAL SIGNATURE AND SEAL. AERIAL IMAGERY PROVIDED BY GOOGLE® UNLESS OTHERWISE NOTED. Imagery © 20PCOG, Digital Globe, Texas Orthorimogery Program, USDA Farm Service Agency.

SIGNATURE

