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



### TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

August 26, 2015

Mr. David Thiel Center for Christian Growth, Inc. 2549 Hwy. 46W New Braunfels, Texas 78132 RECEIVED

SEP 04 2015

COUNTY ENGINEER

Re: Edwards Aquifer, Comal County

NAME OF PROJECT: T Bar M Camp Improvements; Located 0.5 miles north of the intersection of FM 1863 and State Highway 46; New Braunfels, Texas

TYPE OF PLAN: Request for Modification of an Approved Water Pollution Abatement Plan (WPAP); 30 Texas Administrative Code (TAC) Chapter 213 Edwards Aquifer

Investigation No.1261701; Regulated Entity No. RN102745502; Additional ID No. 13-15062501

Dear Mr. Thiel:

The Texas Commission on Environmental Quality (TCEO) has completed its review of the WPAP Modification application for the above-referenced project submitted to the San Antonio Regional Office by Moeller & Associates on behalf of Center for Christian Growth, Inc. on June 25, 2015. Final review of the WPAP Modification was completed after additional material was received on August 19, 2015, and August 24, 2015. As presented to the TCEQ, the Temporary and Permanent 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.

#### BACKGROUND

The T Bar M WPAP was originally approved by letter dated December 20, 2002. This approval included construction of two buildings, a cabin, four tennis courts, and associated parking areas.

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

Permanent treatment was provided by the construction of five (5) fifteen foot engineered vegetated filter strips. The total site area was 9.3 acres with 3.46 acres (37.2 percent) impervious cover.

#### PROJECT DESCRIPTION

The proposed commercial project will have an area of approximately 15.39 acres. It will include improvements including interior renovations to existing buildings, construction of new buildings, swimming pool, additional parking, grading for parking areas, building pad, utility service lines, and building infrastructure. The impervious cover will be 5.60 acres (36.4 percent). Project wastewater will be disposed of by conveyance to the existing Gruene Water Recycling Center owned by the New Braunfels Utilities.

#### PERMANENT POLLUTION ABATEMENT MEASURES

To prevent the pollution of stormwater runoff originating on-site or upgradient of the site and potentially flowing across and off the site after construction, three (3) Rooftop Rainwater Harvesting Systems and multiple 15 foot engineered Vegetative Filter Strips, designed using the TCEQ technical guidance document, <u>Complying with the Edwards Aquifer Rules: Technical Guidance on Best Management Practices (2005)</u>, will be constructed to treat stormwater runoff. The required total suspended solids (TSS) treatment for this project is 3,105 pounds of TSS generated from the 5.60 acres of impervious cover. The approved measures meet the required 80 percent removal of the increased load in TSS caused by the project.

Rainwater Harvesting System					
Tank No.	Impervious Area (ac.)	Req. Capture Volume (ft <sup>3</sup> )	Design Capture Volume (ft <sup>3</sup> )	Req. Irrigation Area (ft <sup>2</sup> )	Design Irrigation Area (ft <sup>2</sup> )
1	0.16	872	441	814	910
2			441	814	895
3	0.045	250	320	883	1,154
4	0.055	300	320	883	923

The individual treatment measures are listed in the table below.

TSS Removal Summary						
BMP	Area	Contributing Area (ac)	Existing Impervious Cover (ac)	Proposed Impervious Cover (ac)	Req. TSS Removal (lb/yr)	Design TSS Removal (lb/yr)
VFS/ Rainwater Harvesting	I	5.88	0.14	2.86	2,441	2,477
None	2	6.94	2.41	1.71	0	0
VFS	3	1.34	0.25	0.89	574	574
Rainwater Harvesting	4	1.23	0	0.10	90	112

The vegetative filter strips will have a uniform slope of less than 20 percent, with a vegetated cover of at least 80 percent. The filter strips will be 15 feet wide (in the direction of flow), extend along the entire length of the contributing area with no obstructions to ensure stormwater flows through the filter strip.

#### **GEOLOGY**

According to the geologic assessment included with the application, the site is located over the Cyclic and Marine members of the Person formation. Five (5) non-sensitive features, S-1 (water line trench), S-2 (communications line utility trench), S-3 (sanitary sewer line utility trench), S-4 and S-5 (electric line utility trenches) were identified by Professional Geologists. The San Antonio Regional Office site assessment conducted on August 11, 2015 revealed the site was generally as described in the geologic assessment.

#### SPECIAL CONDITIONS

- I. This modification is subject to all Special and Standard Conditions listed in the WPAP approval letter dated December 20, 2002.
- II. All permanent pollution abatement measures shall be operational prior to occupancy of the facility.
- III. All sediment removed from the Rainwater Harvesting System maintenance activities shall be properly disposed of according to 30 TAC 330 or 30 TAC 335 as applicable.

#### 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. 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 form (Deed Recordation Affidavit, TCEQ-0625) that you may use to deed record the approved WPAP is enclosed.

- 5. 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 WPAP and this notice of approval shall be maintained at the project location until all regulated activities are completed.
- 6. Modification to the activities described in the referenced WPAP 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.
- 7. 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 date on which the regulated activity will commence, the name of the approved plan and program ID number for the regulated activity, and the name of the prime contractor with the name and telephone number of the contact person. The executive director will use the notification to determine if the approved plan is eligible for an extension.
- 8. Temporary erosion and sedimentation (E&S) controls, i.e., silt fences, rock berms, stabilized construction entrances, or other controls described in the approved WPAP, 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.
- 9. All borings with depths greater than or equal to 20 feet must be plugged with non-shrink grout from the bottom of the hole to within three (3) feet of the surface. The remainder of the hole must be backfilled with cuttings from the boring. All borings less than 20 feet must be backfilled with cuttings from the boring. All borings must be backfilled or plugged within four (4) days of completion of the drilling operation. Voids may be filled with gravel.

#### **During Construction:**

- 10. During the course of regulated activities related to this project, the applicant or 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.
- 11. 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. 6, above.
- 12. If any sensitive feature (caves, solution cavities, sink holes, etc.) is discovered during construction, all regulated activities near the feature must be suspended immediately. The applicant or his agent must immediately notify the San Antonio Regional Office of the discovery of the feature. Regulated activities near the feature may not proceed until the executive director has reviewed and approved the methods proposed to protect the feature

and the aquifer from potentially adverse impacts to water quality. The plan must be sealed, signed, and dated by a Texas Licensed Professional Engineer.

- 13. No wells exist on site. All water wells, including injection, dewatering, and monitoring wells must be in compliance with the requirements of the Texas Department of Licensing and Regulation under Title 16 TAC Chapter 76 (relating to Water Well Drillers and Pump Installers) and all other locally applicable rules, as appropriate.
- 14. 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 reduced by 50 percent. Litter, construction debris, and construction chemicals shall be prevented from becoming stormwater discharge pollutants.
- 15. 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.
- 16. 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.
- 17. 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.

#### After Completion of Construction:

- 18. 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.
- 19. 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 association, a new property owner or lessee, a district, or municipality) or the ownership of the property is transferred to the entity. The regulated 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 San Antonio Regional Office within 30 days of the transfer. A copy of the transfer form (TCEQ-10263) is enclosed.
- 20. Upon legal transfer of this property, the new owner(s) is required to comply with all terms of the approved Edwards Aquifer protection plan. If the new owner intends to commence any new regulated activity on the site, a new Edwards Aquifer protection 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.

- 21. An Edwards Aquifer protection 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 Edwards Aquifer protection 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.
- 22. 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 Monica Reyes of the Edwards Aquifer Protection Program of the San Antonio Regional Office at (210)403-4012.

Sincerely,

Lynn Bumguardner, Water Section Manager

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

LB/MR/eg

- Enclosure: Deed Recordation Affidavit, Form TCEQ-0625 Change in Responsibility for Maintenance of Permanent BMPs, Form TCEQ-10263
- cc: Mr. Shane Klar P.E., Moeller & Associates Mr. Charlie Thomas, P.E., City Engineer, City of New Braunfels Mr. Thomas Hornseth, P.E., Comal County Mr. Roland Ruiz, Edwards Aquifer Authority TCEQ Central Records, Building F, MC 212

RECEIVED

AUG 3 1 2015



**COUNTY ENGINEER** 

### LETTER OF TRANSMITTAL

ATTN: Monica Reyes	DATE: 08/19/2015
To: TCEQ	RE: T Bar M

WE ARE SENDING YOUattachedunder separate cover the following:shop drawingsprintsstandardsspecificationsplanscopy of letterordinanceother:

COPIES	ITEM	DESCRIPTION
1	Original	WPAP Resubmittal
4	Copies	WPAP Resubmittal

#### THESE ARE TRANSMITTED AS CHECKED BELOW:

for approval

☐ for your use☐ as requested

☐ for review and comment

- approved as submitted
   approved as noted
   returned for corrections
   other:
  - ☐ resubmit ☐ submit □ return
- □ copies for approval
   □ copies for distribution
   □ corrected prints

Signed

flow the

SIIS AUG 19 AN 8: 19

RECEIVED TCEQ'U SAN ANTONIO REGION



August 18, 2015

Ms. Monica Reyes Edwards Aquifer Protection Division, Region 13 (San Antonio) Texas Commission on Environmental Quality 14250 Judson Road San Antonio, TX 78233-4480

RE: T Bar M Camp Improvements, Water Pollution Abatement Plan (WPAP)

This letter is in response to the fax dated August 14<sup>th</sup>, 2015 from TCEQ as it pertains to the request for approval of a Water Pollution Abatement Plan. The comments received are in italics and our responses are in bold.

Temporary Stormwater Seciton (TCEQ-0602) Comments:

1. Attachment J: add information about when soil stabilization will occur. Please refer to section 1.2 under Site Stabilization of the Technical Guidance Manual RG-348.

Attachment J has been updated to provide the above referenced information.

AUG

1

0

2. Will a concrete wash out area be used on the site? If so, please add to temporary BMP's.

There are no current plans for a concrete washout area.

Permanent Stormwater Seciton (TCEQ-0602) Comments:

- Attachment G: Permanent BMP's cannot be certified until after constructed. Please submit certification at that time.
   The required Engineer certification will be provided at time of project completion. The certification provided in attachment G is only for the maintenance and monitoring procedures.
- Please provide amount of irrigation area required, TSS load calculations for the site, and for each drainage area with proposed impervious cover.
   Additional information has been provided. See WPAP Site Plan.

#### Sheets and Exhibits Comments:

- 5. Sheet #1
  - a) Please add percent slope to flow arrows. The above requested has been added. See WPAP Site Plan.
  - b) Please provide additional drainage arrows to the proposed VFS's. The above requested has been added. See WPAP Site Plan.



- c) Please outline project limits of areas 1, 2, 3. The above requested has been added. See WPAP Site Plan.
- *d) Please provide and outline irrigation areas for each rainwater harvesting system.*

Additional detail has been provided in additional plan sheets attached to this resubmittal.

Please accept these comments and revisions to the Water Pollution Abatement Plan for the referenced project. If you need additional information or have any questions, please do not hesitate to contact me.

Sincerely,

Shane Klar, P.E.

Attachments

#### <u>ATTACHMENT "J"</u> Schedule of Interim and Permanent Soil Stabilization Practices

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

Areas which are disturbed by construction staging and storage areas will be hydro mulched with the appropriate seed mixture. Areas between the edge of pavement and property line will also by hydro mulched. There will be no fill slopes exceeding a 3:1 slope, and all fill slopes will be hydro mulched. Installation and acceptable mixtures of hydro mulch are as follows:

#### Materials:

<u>Hydraulic Mulches:</u> Wood fiber mulch can be applied alone or as a component of hydraulic matrices. Wood fiber applied alone is typically applied at the rate of 2,000 to 4,000 lb/acre. Wood fiber mulch is manufactured from wood or wood waste from lumber mills or from urban sources.

<u>Hydraulic Matrices:</u> Hydraulic matrices include a mixture of wood fiber and acrylic polymer or other tackifier as binder. Apply as a liquid slurry using a hydraulic application machine (i.e., hydro seeder) at the following minimum rates, or as specified by the manufacturer to achieve complete coverage of the target area: 2,000 to 4,000 lb/acre wood fiber mulch, and 5 to 10% (by weight) of tackifier (acrylic copolymer, guar, psyllium, etc.)

<u>Bonded Fiber Matrix</u>: Bonded fiber matrix (BFM) is a hydraulically applied system of fibers and adhesives that upon drying forms an erosion resistant blanket that promotes vegetation, and prevents soil erosion. BFMs are typically applied at rates from 3,000 lb/acre to 4,000 lb/acre based on the manufacturer's recommendation. A biodegradable BFM is composed of materials that are 100% biodegradable. The binder in the BFM should also be biodegradable and should not dissolve or disperse upon re-wetting. Typically, biodegradable BFMs should not be applied immediately before, during or immediately after rainfall if the soil is saturated. Depending on the product, BFMs typically require 12 to 24 hours to dry and become effective.

Seed Mixtures:

Dates	Climate	Species	(lb/ac.)
Sept. 1 to Nov. 30	Temporary Cool Season	Tall Fescue	4.0
		Oats	21.0
		Wheats	30.0
		Total	55.0
Sept. 1 to Nov. 30	Cool Season Legume	Hairy Vetch	8.0
May 1 to Aug. 31	Temporary Warm Season	Foxtail Millet	30.0

### ZOIZ VICE 1.6 VW 8: 51

BECEILED LCF.

#### T Bar M Improvements Water Pollution Abatement Plan Modification

<u>Fertilizer:</u> Fertilizer should be applied at the rate of 40 pounds of nitrogen and 40 pounds of phosphorus per acre, which is equivalent to about 1.0 pounds of nitrogen and phosphorus per 1000 square feet.

#### Installation:

(1) Prior to application, roughen embankment and fill areas by rolling with a crimping or punching type roller or by track walking. Track walking shall only be used where other methods are impractical.

(2) To be effective, hydraulic matrices require 24 hours to dry before rainfall occurs.

(3) Avoid mulch over spray onto roads, sidewalks, drainage channels, existing vegetation, etc.

	TSS Removal Summary					
Basin	Contributing Area	Existing Imp. Cover	Proposed Imp. Cover	Req. TSS Removal (lbs)	Design TSS Removal (lbs)	вмр
1	5.88	0.14	2.86	2,441	2,477	VFS/Rainwater Harvesting
2	6.94	2.41	1.71	0	0	None
3	1.34	0.25	1.34	978	978	VFS
4	1.23	0.00	0.10	90	112	Rainwater Harvesting



ARI	EA 4 Rai	nwater Harv	vesting Desi	gn Calcul	ations		
Building 1					nde la del la contra de la del manda de la contra de la con		
Minimum Treatment Capacit	y: 2	250 ft <sup>3</sup> , 1.870 ga	al (2,000 ft <sup>2</sup> bui	Iding @ 1.5	in rainfall de	oth)	
Provided Treatment Capacity	ı Ξ	320 ft <sup>3</sup> , 2,400 ga	al				
Building 2							
Minimum Treatment Capacit	у: З	100 ft <sup>3</sup> , 2,245 ga	al (2,400 ft <sup>2</sup> bui	Iding @ 1.5	in rainfall dep	oth)	
Provided Treatment Capacity	e a	20 ft <sup>3</sup> , 2,400 ga	al				
Active Irrigation Period:		168 hrs, 7 day	'S				
Tank 1 (S-1)							
Volume = 2,400 gal							
Time to Empty = 84 hrs							
Pump Flow to Empty = 686 gr	od (0.48 gr	om: use 1 sprin	kler @ 0.92 gpn	n)			
Tank 2 (S-2)							
Volume = 2,400 gal							
Time to Empty = 84 hrs							
Pump Flow to Empty = 686 gp	od (0.48 gp	om: use 1 sprinl	kler @ 0.92 gpn	n)			
* Time to empty Tank 1 & Tar	nk 2 = 43.5	hrs < 168 hr m	aximum				
Req. Irrigation Area Tank	1 & 2= 88.	3 ft <sup>2</sup>					
Provided Irrigation Area Ta	ank 1= 1,1	.54 ft <sup>2</sup>					
Provided Irrigation Area Ta	ank 2= 923	3 ft <sup>2</sup>	Provided Irrigation Area Tank 2= 923 ft <sup>2</sup>				
Sprinklers: Rain Bird 3504-PC							
Sprinklers: Rain Bird 3504-PC		Nozzle	Pressure (nsi)	Pattern 1	Padius (ft)	Slow Rate (gom)	
Sprinklers: Rain Bird 3504-PC	S-1	Nozzle 1.0	Pressure (psi) 35	Pattern 1 180°	Radius (ft) 21'	Flow Rate (gpm)	
Sprinklers: Rain Bird 3504-PC	S-1 S-2	Nozzle 1.0 1.0	Pressure (psi) 35 35	Pattern f 180° 180°	Radius (ft) F 21' 21'	low Rate (gpm) 0.92 0.92	
Sprinklers: Rain Bird 3504-PC Total Dynamic Head (TDH)	S-1 S-2	Nozzle 1.0 1.0	Pressure (psi) 35 35	Pattern 1 180° 180°	Radius (ft) 1 21' 21'	Flow Rate (gpm) 0.92 0.92	
Sprinklers: Rain Bird 3504-PC Total Dynamic Head (TDH) TDH = H <sub>o</sub> + H <sub>o</sub> + H <sub>f</sub>	S-1 S-2	Nozzle 1.0 1.0	Pressure (psi) 35 35	Pattern f 180° 180°	Radius (ft) F 21' 21'	Flow Rate (gpm) 0.92 0.92	
Sprinklers: Rain Bird 3504-PC Total Dynamic Head (TDH) TDH = $H_p + H_e + H_f$ Pressure Head (H ) = 81 ft (2.3	S-1 S-2	Nozzle 1.0 1.0	Pressure (psi) 35 35	Pattern f 180° 180°	Radius (ft) F 21' 21'	low Rate (gpm) 0.92 0.92	
Sprinklers: Rain Bird 3504-PC Total Dynamic Head (TDH) TDH = $H_p + H_e + H_f$ Pressure Head ( $H_p$ ) = 81 ft (2.3 Elevation Head ( $H_p$ ) = 0 ft	S-1 S-2	Nozzle 1.0 1.0	Pressure (psi) 35 35	Pattern 1 180° 180°	Radius (ft) f 21' 21'	Tow Rate (gpm) 0.92 0.92	
Sprinklers: Rain Bird 3504-PC Total Dynamic Head (TDH) TDH = $H_p + H_e + H_f$ Pressure Head ( $H_p$ ) = 81 ft (2.3 Elevation Head ( $H_e$ ) = 0 ft	S-1 S-2 1 ft/psi) neg	Nozzle 1.0 1.0	Pressure (psi) 35 35	Pattern f 180° 180°	Radius (ft) F 21' 21'	low Rate (gpm) 0.92 0.92	
Sprinklers: Rain Bird 3504-PC Total Dynamic Head (TDH) TDH = $H_p + H_e + H_f$ Pressure Head ( $H_p$ ) = 81 ft (2.3 Elevation Head ( $H_e$ ) = 0 ft Friction Head ( $H_f$ ) =	S-1 S-2 1 ft/psi) neg <u>1.2</u> (Cl <sup>1</sup>	Nozzle 1.0 1.0 lecting variable l (10.4397)(L)(Q) <sup>1.85</sup> (D) <sup>4.8655</sup>	Pressure (psi) 35 35 15	Pattern f 180° 180°	Radius (ft) F 21' 21'	low Rate (gpm) 0.92 0.92	
Sprinklers: Rain Bird 3504-PC Total Dynamic Head (TDH) TDH = $H_p + H_e + H_f$ Pressure Head ( $H_p$ ) = 81 ft (2.3 Elevation Head ( $H_e$ ) = 0 ft Friction Head ( $H_f$ ) = L = Length of pipe (ft)	S-1 S-2 31 ft/psi) neg <u>1.2</u> (C) <sup>1</sup>	Nozzle 1.0 1.0 lecting variable (10.4397)(L)(Q) .85 (D) <sup>4.8655</sup>	Pressure (psi) 35 35 head over subme	Pattern 1 180° 180°	Radius (ft) F 21' 21'	low Rate (gpm) 0.92 0.92	
Sprinklers: Rain Bird 3504-PC Total Dynamic Head (TDH) TDH = $H_p + H_e + H_f$ Pressure Head ( $H_p$ ) = 81 ft (2.3 Elevation Head ( $H_e$ ) = 0 ft Friction Head ( $H_f$ ) = L = Length of pipe (ft) C = Hazen-Williams coefficient	S-1 S-2 1 ft/psi) neg <u>1.2</u> (C) <sup>1</sup>	Nozzle 1.0 1.0 lecting variable ( (10.4397)(L)(Q) .85 (D) <sup>4.8655</sup> GCH 40 PVC)	Pressure (psi) 35 35 head over submet $\frac{1.85}{2} = 0.25$ ft	Pattern 1 180° 180°	Radius (ft) f 21' 21'	Tow Rate (gpm) 0.92 0.92	
Sprinklers: Rain Bird 3504-PC Total Dynamic Head (TDH) TDH = $H_p + H_e + H_f$ Pressure Head ( $H_p$ ) = 81 ft (2.3 Elevation Head ( $H_e$ ) = 0 ft Friction Head ( $H_f$ ) = L = Length of pipe (ft) C = Hazen-Williams coefficient Q = Flow Rate (gpm)	S-1 S-2 S1 ft/psi) neg <u>1.2</u> (C) <sup>1</sup>	Nozzle 1.0 1.0 lecting variable I (10.4397)(L)(Q) <sup>.85</sup> (D) <sup>4.8655</sup> SCH 40 PVC)	Pressure (psi) 35 35 head over subme	Pattern f 180° 180°	Radius (ft) F 21' 21'	low Rate (gpm) 0.92 0.92	
Sprinklers: Rain Bird 3504-PC Total Dynamic Head (TDH) TDH = $H_p + H_e + H_f$ Pressure Head ( $H_p$ ) = 81 ft (2.3 Elevation Head ( $H_e$ ) = 0 ft Friction Head ( $H_f$ ) = L = Length of pipe (ft) C = Hazen-Williams coefficient Q = Flow Rate (gpm) D = Pipe Diameter (in)	S-1 S-2 1 ft/psi) neg <u>1.2</u> (C) <sup>1</sup>	Nozzle 1.0 1.0 1.0 lecting variable ( (10.4397)(L)(Q) <sup>L85</sup> (D) <sup>4.8655</sup> GCH 40 PVC)	Pressure (psi) 35 35	Pattern f 180° 180°	Radius (ft) f 21' 21'	Flow Rate (gpm) 0.92 0.92	
Sprinklers: Rain Bird 3504-PC Total Dynamic Head (TDH) TDH = $H_p + H_e + H_f$ Pressure Head ( $H_p$ ) = 81 ft (2.3 Elevation Head ( $H_e$ ) = 0 ft Friction Head ( $H_f$ ) = L = Length of pipe (ft) C = Hazen-Williams coefficient Q = Flow Rate (gpm) D = Pipe Diameter (in) TDH = 81.25 ft	S-1 S-2 11 ft/psi) neg <u>1.2</u> (C) <sup>1</sup>	Nozzle 1.0 1.0 lecting variable H (10.4397)(L)(Q) <sup>L85</sup> (D) <sup>4.8655</sup> SCH 40 PVC)	Pressure (psi) 35 35 head over subme	Pattern 1 180° 180°	Radius (ft) f 21' 21'	low Rate (gpm) 0.92 0.92	
Sprinklers: Rain Bird 3504-PC Total Dynamic Head (TDH) TDH = $H_p + H_e + H_f$ Pressure Head ( $H_p$ ) = 81 ft (2.3 Elevation Head ( $H_e$ ) = 0 ft Friction Head ( $H_f$ ) = L = Length of pipe (ft) C = Hazen-Williams coefficient Q = Flow Rate (gpm) D = Pipe Diameter (in) TDH = 81.25 ft Pump Requirements: 0.92 gpm	S-1 S-2 1 ft/psi) neg <u>1.2</u> (C) <sup>1</sup> : (150 for S	Nozzle 1.0 1.0 lecting variable l (10.4397)(L)(Q) <sup>.85</sup> (D) <sup>4.8655</sup> SCH 40 PVC) ft TDH	Pressure (psi) 35 35 head over subme	Pattern 1 180° 180°	Radius (ft) f 21' 21'	low Rate (gpm) 0.92 0.92	
Sprinklers: Rain Bird 3504-PC Total Dynamic Head (TDH) TDH = $H_p + H_e + H_f$ Pressure Head ( $H_p$ ) = 81 ft (2.3 Elevation Head ( $H_e$ ) = 0 ft Friction Head ( $H_f$ ) = L = Length of pipe (ft) C = Hazen-Williams coefficient Q = Flow Rate (gpm) D = Pipe Diameter (in) TDH = 81.25 ft Pump Requirements: 0.92 gpn	S-1 S-2 11 ft/psi) neg <u>1.2</u> (C) <sup>1</sup> : (150 for S : (150 for S	Nozzle 1.0 1.0 lecting variable H (10.4397)(L)(Q) L <sup>85</sup> (D) <sup>4.8655</sup> SCH 40 PVC) ft TDH	Pressure (psi) 35 35 head over subme <sup>1.85</sup> = 0.25ft	Pattern 1 180° 180°	Radius (ft) f 21' 21'	low Rate (gpm) 0.92 0.92	



ny name: N: \:rojects\IBARUUI.1U1 - IBarM Camp Expansion\Engineering Reports\WPAP\Rainwater Harvesting - Area 4.dwg User: shaneklar

5 **L\_\_\_\_** M **\_\_\_** 





The second design of the secon

A 1 Rainv	water Harve	sting Desig	n Calcula	tions		のいうないない
: 87 88	2 ft <sup>3</sup> , 6,525 gal 2 ft <sup>3</sup> , 7,200 gal	(6,980 ft <sup>2</sup> buik	ding @ 1.5 i	n rainfall dep	oth)	
1	168 hrs, 7 days					
pd (0.71 g	om: use 1 sprin	kler @ 0.92 gp	ım)			
pd (0.71 gr	om: use 1 sprin	kler @ 0.92 gp	m)			
k 2 = 65 hrs	s < 168 hr maxi	mum				
& 2 = 814 nk 1 = 910 nk 2 = 895	ft <sup>2</sup> ft <sup>2</sup> ft <sup>2</sup>					
C 1	Nozzle	Pressure (psi)	Pattern R	adius (ft) Fl	low Rate (gpm)	にないないないで
S-2	1.0	35	180°	21'	0.92	
						-
1 ft/psi)						
negle	ecting variable h	ead over subme	ersible pump			
$\frac{1.2()}{(C)^{1.1}}$	10.4397)(L)(Q) 85 (D) <sup>4.8655</sup>	= 0.25ft				
(C)	(D)					
(150 for SC	CH 40 PVC)					
n @ 81.25 f	ft TDH					
intervals n	ot to exceed 2	hours				

	Know what Call before SHANK 115 SHANK	S below. re you dig. F 77 KLAR 810 NSEP ALE ALE ALE BIO NSEP 6/16/15
Description   Description </th <th>NO DATE ISSUES AND REVISIONS</th> <th></th>	NO DATE ISSUES AND REVISIONS	
	A SSOCIATER	Engineering Solutions 1040 N. WALNUT AVE. STE B, NEW BRAUNFELS, TX. 78130 PH: 830-358-7127 www.mg-tx.com TBPE FIRM F-13351
	WATER QUALITY DETAILS	PERMIT SET
	T BAR M CAMP IMPROVEMENTS	NEW BRAUNFELS, TX 78130
	SHEET	<b>1</b> DE 3



NVA





RECEIVED

SEP 04 2015

COUNTY ENGINEER



### LETTER OF TRANSMITTAL

ATTN: Monica Reyes	DATE: 08/24/2015
To: TCEQ	RE: T Bar M

WE ARE SENDING YOU attached

□ shop drawings □ plans

□ prints □ copy of letter

	under separate cove	r th	e following:
	standards		specificatio
-	ordinanaa		athon

□ ordinance

specifications dother:

COPIES	ITEM	DESCRIPTION
1	Original	Updated Site Plan
4	Copies	Updated Site Plan

#### THESE ARE TRANSMITTED AS CHECKED BELOW:

for approval

□ for your use

□ as requested

□ for review and comment

□ approved as submitted □ approved as noted

□ returned for corrections

□ other:

□ resubmit □ submit □ return

□ copies for approval □ copies for distribution □ corrected prints

Signed

Claire Cun ~2015 AUG 24 AM

ション

2

9 57

	TSS Removal Summary								
Basin	Contributing Area	Existing Imp. Cover	Proposed Imp. Cover	Req. TSS Removal (lbs)	Design TSS Removal (Ibs)	BM			
1	5.88	0.14	2.86	2,441	2,477	VF			
2	6.94	2.41	1.71	0	0				
3	1.34	0.25	0.89	574	574				
4	1.23	0.00	0.10	90	112				



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



#### TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

June 29, 2015

RECEIVED

JUL 0 2 2015

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

### COUNTY ENGINEER

Re: PROJECT NAME: T Bar M Camp Improvements, located on the south side of State Highway 46, approximately 0.5 miles north of the intersection at FM 1863, New Braunfels, Texas

PLAN TYPE: Application for a Water Pollution Abatement Plan (WPAP), 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 <a href="http://www.tceq.state.tx.us/permitting/central\_registry/">http://www.tceq.state.tx.us/permitting/central\_registry/</a>.

Please forward your comments to this office by July 29, 2015.

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

### WATER POLLUTION ABATEMENT PLAN

FOR

RECEIVED

JUL 0 2 2015

COUNTY ENGINEER

#### **T BAR M CAMP IMPROVEMENTS**

JUN 25 2015

SAN ANTONIO

PREPARED FOR

#### **Texas Commission on Environmental Quality**

Region 13 – San Antonio 14250 Judson Road San Antonio, Texas 78233 210-490-3096 (office) 210-545-4329 (fax)

PREPARED BY



F-13351

Shane Klar, P.E. 1040 N. Walnut Ave., Ste B New Braunfels, TX 78130

> Prepared June 25, 2015



TCEQ-R13

TCEQ-R13 JUN **25** 2015

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

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

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

#### **Administrative Review**

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

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

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

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

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

#### **Technical Review**

1. When an application is deemed administratively complete, the technical review period begins. The regional office will distribute copies of the application to the identified affected city, county, and groundwater conservation district whose jurisdiction includes the subject site. These entities and the public have 30 days to provide comments on the application to the regional office. All comments received are reviewed by TCEQ.

- 2. A site assessment is usually conducted as part of the technical review, to evaluate the geologic assessment and observe existing site conditions. The site must be accessible to our staff. The site boundaries should be clearly marked, features identified in the geologic assessment should be flagged, roadways marked and the alignment of the Sewage Collection System and manholes should be staked at the time the application is submitted. If the site is not marked the application may be returned.
- 3. We evaluate the application for technical completeness and contact the applicant and agent via Notice of Deficiency (NOD) to request additional information and identify technical deficiencies. There are two deficiency response periods available to the applicant. There are 14 days to resolve deficiencies noted in the first NOD. If a second NOD is issued, there is an additional 14 days to resolve deficiencies. If the response to the second notice is not received, is incomplete or inadequate, or provides new information that is incomplete or inadequate, the application must be withdrawn or 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

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

1. Regulated Entity Name: T Bar M				2. Regulated Entity No.: 102745502					
3. Customer Name: Center for Cl Inc.			hristian Growth,			4. Customer No.:			
5. Project Type: (Please circle/check one)	Type: e/check one)NewModificationExtension		Exception						
6. Plan Type: (Please circle/check one)	<u>WPAP</u>	CZP	SCS	UST	AST	EXP	EXT	Technical Clarification	Optional Enhanced Measures
7. Land Use: (Please circle/check one)	Resider	ntial	Non-residential		tial	8. Site (acres):		e (acres):	15.39
9. Application Fee:	\$6,500	.00	10. Permanent		nent l	BMP(s): Yes		Yes	
11. SCS (Linear Ft.):	N/A 12. AST/UST (N		o. Tai	o. Tanks): N/A					
13. County:	Comal		14. W	14. Watershed:				Blieders Creek	

# **Application Distribution**

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

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

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

Austin Region						
County:	Hays	Travis	Williamson			
Original (1 req.)	_	_				
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			

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

Shane Klar Print Name of Gustomer/Authorized Agent

Signature of Customer/Authorized Agent

6/25/15 Date

**FOR TCEQ INTERNAL USE ONLY**					
Date(s)Reviewed:	Date Adr	Date Administratively Complete:			
Received From:	Correct Number of Copies:				
Received By:	Distribut	tion Date:			
EAPP File Number:	Complex				
Admin. Review(s) (No.):	No. AR F	Rounds:			
Delinquent Fees (Y/N):	Review T	Sime Spent:			
Lat./Long. Verified:	SOS Cus	tomer Verification:			
Agent Authorization Complete/Notarized (Y/N):	Fee	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):			

# **General Information Form**

**Texas Commission on Environmental Quality** 

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

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

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

### Signature

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

Print Name of Customer/Agent: Shane Klar, P.E.

Date: <u>6/24/15</u>

Signature of Customer/Agent:

### **Project Information**

- 1. Regulated Entity Name: <u>T Bar M</u>
- 2. County: Comal
- 3. Stream Basin: Blieders Creek
- 4. Groundwater Conservation District (If applicable): N/A
- 5. Edwards Aquifer Zone:

Recharge Zone

6. Plan Type:

imes	WPAP
	SCS
imes	Modification

	AST	
	UST	
	Exception	Request

TCEQ-0587 (Rev. 02-11-15)

7. Customer (Applicant):

Contact Person: <u>David Thiel</u> Entity: <u>Center for Christian Growth, Inc.</u> Mailing Address: <u>2549 Hwy. 46 W</u> City, State: <u>New Braunfels, TX</u> Telephone: <u>830-625-2164</u> Email Address: <u>dave@tbarmcamps.org</u>

Zip: <u>78132-4731</u> FAX: <u>830-620-4280</u>

8. Agent/Representative (If any):

Contact Person: <u>Shane Kalr, P.E.</u> Entity: <u>Moeller & Associates</u> Mailing Address: <u>1040 N. Walnut Ave</u> City, State: <u>New Braunfels, TX</u> Telephone: <u>830-358-7127</u> Email Address: <u>shaneklar@ma-tx.com</u>

Zip: <u>78130</u> FAX: <u>830-515-5611</u>

- 9. Project Location:
  - The project site is located inside the city limits of <u>New Braunfels</u>.
  - The project site is located outside the city limits but inside the ETJ (extra-territorial jurisdiction) of \_\_\_\_\_.
  - The project site is not located within any city's limits or ETJ.
- 10. The location of the project site is described below. The description provides sufficient detail and clarity so that the TCEQ's Regional staff can easily locate the project and site boundaries for a field investigation.

<u>The project is located on the south side of State Highway 46 approximately 0.5 miles</u> <u>north of the intersection at FM 1863.</u>

- 11. Attachment A Road Map. A road map showing directions to and the location of the project site is attached. The project location and site boundaries are clearly shown on the map.
- 12. X Attachment B USGS / Edwards Recharge Zone Map. A copy of the official 7 ½ minute USGS Quadrangle Map (Scale: 1" = 2000') of the Edwards Recharge Zone is attached. The map(s) clearly show:
  - Project site boundaries.
  - USGS Quadrangle Name(s).
  - Boundaries of the Recharge Zone (and Transition Zone, if applicable).
  - Drainage path from the project site to the boundary of the Recharge Zone.
- 13. The TCEQ must be able to inspect the project site or the application will be returned. Sufficient survey staking is provided on the project to allow TCEQ regional staff to locate the boundaries and alignment of the regulated activities and the geologic or manmade features noted in the Geologic Assessment.

Survey staking will be completed by this date:

- 14. Attachment C Project Description. Attached at the end of this form is a detailed narrative description of the proposed project. The project description is consistent throughout the application and contains, at a minimum, the following details:
  - 🔀 Area of the site
  - Offsite areas
  - Impervious cover
  - Permanent BMP(s)
  - Proposed site use
  - Site history
  - Previous development
  - Area(s) to be demolished
- 15. Existing project site conditions are noted below:
  - 🔀 Existing commercial site
  - Existing industrial site
  - Existing residential site
  - Existing paved and/or unpaved roads
  - Undeveloped (Cleared)
  - Undeveloped (Undisturbed/Uncleared)
  - Other: \_\_\_\_\_

### **Prohibited Activities**

- 16. I am aware that the following activities are prohibited on the Recharge Zone and are not proposed for this project:
  - (1) Waste disposal wells regulated under 30 TAC Chapter 331 of this title (relating to Underground Injection Control);
  - (2) New feedlot/concentrated animal feeding operations, as defined in 30 TAC §213.3;
  - (3) Land disposal of Class I wastes, as defined in 30 TAC §335.1;
  - (4) The use of sewage holding tanks as parts of organized collection systems; and
  - (5) New municipal solid waste landfill facilities required to meet and comply with Type I standards which are defined in §330.41(b), (c), and (d) of this title (relating to Types of Municipal Solid Waste Facilities).
  - (6) New municipal and industrial wastewater discharges into or adjacent to water in the state that would create additional pollutant loading.
- 17.  $\square$  I am aware that the following activities are prohibited on the Transition Zone and are not proposed for this project:
  - (1) Waste disposal wells regulated under 30 TAC Chapter 331 (relating to Underground Injection Control);

- (2) Land disposal of Class I wastes, as defined in 30 TAC §335.1; and
- (3) New municipal solid waste landfill facilities required to meet and comply with Type I standards which are defined in §330.41 (b), (c), and (d) of this title.

### Administrative Information

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

- For a Water Pollution Abatement Plan or Modification, the total acreage of the site where regulated activities will occur.
  - For an Organized Sewage Collection System Plan or Modification, the total linear footage of all collection system lines.
- For a UST Facility Plan or Modification or an AST Facility Plan or Modification, the total number of tanks or piping systems.
- A request for an exception to any substantive portion of the regulations related to the protection of water quality.
- A request for an extension to a previously approved plan.
- 19. Application fees are due and payable at the time the application is filed. If the correct fee is not submitted, the TCEQ is not required to consider the application until the correct fee is submitted. Both the fee and the Edwards Aquifer Fee Form have been sent to the Commission's:
  - TCEQ cashier
  - Austin Regional Office (for projects in Hays, Travis, and Williamson Counties)
  - San Antonio Regional Office (for projects in Bexar, Comal, Kinney, Medina, and Uvalde Counties)
- 20. Submit one (1) original and one (1) copy of the application, plus additional copies as needed for each affected incorporated city, groundwater conservation district, and county in which the project will be located. The TCEQ will distribute the additional copies to these jurisdictions. The copies must be submitted to the appropriate regional office.
- 21. No person shall commence any regulated activity until the Edwards Aquifer Protection Plan(s) for the activity has been filed with and approved by the Executive Director.





28 meters east as shown by dashed corner ticks

Fine red dashed lines indicate selected fence and field lines generally visible on aerial photographs. This information is unchecked



#### ATTACHMENT "C" Project Description

T Bar M is a recreational camp currently in operation with camper housing, recreational facilities and associated parking and access roads. The proposed improvements include interior renovations to existing buildings, construction of new buildings, swimming pool, added parking to the north of the site and improvements to internal walks and paths. The improvements include removal and relocation of some existing impervious cover. Portions of the proposed improvements are items from previously approved plans. This modification directly addresses a WPAP from 2002.

The site is located within the New Braunfels city limits on the south side of State highway 46 approximately <sup>1</sup>/<sub>2</sub> mile north of the intersection at FM 1863. The site is served by New Braunfels Utilities for electric, water, and wastewater. The site is currently developed and operating under previously approved WPAP's.

The proposed improvements are divided into 4 separate areas. Area 1 is the only portion of the project that will not utilize previously approved BMP sizing. Area 2 is a reduction of impervious cover from improvements from past approved WPAP's that did not define areas of vegetation; however it is our opinion the net loss of impervious cover is an improved condition. Area 3 is a completion of the plan that we propose to modify. Area 4 is separate from the other 3 and with have self-contained Rainwater Harvesting systems for the proposed structures. Currently the project limits contains 2.80 acres of impervious cover and this plan proposed to take the 15.39 acre project area to a total of 5.60 acres of impervious cover.

The proposed construction will include minor grading for the parking areas and building pad, utility service lines, and building infrastructure.

According to the Flood Insurance Rate Map No. 48091C0430F & No. 48091C0435F, a small portion of the site is within the flood plain. The entire site drains to an unnamed tributary of Blieders creek. The proposed not previously accounted for in an approved WPPA will be captured and treated by rainwater harvesting systems while the rest of the site will drain to Vegetative Filter Strips. The Rainwater Harvesting System and the Vegetative Filter Strips will ensure the quality of water exiting without adversely affecting the downstream drainage patterns.

# **Geologic Assessment**

**Texas Commission on Environmental Quality** 

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

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

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

### Signature

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

Print Name of Geologist: Richard V. Klar, P.G.

Telephone: 210-699-9090

Date: June 24, 2015

Fax: 210-699-6426

Representing: <u>Raba Kistner Environmental</u>, <u>Inc.</u>, <u>TBPE Firm #3257 for Moeller & Associates</u> (Name of Company and TBPG or TBPE registration number)

OF

Signature of Geologist:

RICHARD V KLAR GEOLOGY

Regulated Entity Name: T Bar M

### **Project Information**

- 1. Date(s) of Geologic Assessment was performed: June 15 and 16, 2015
- 2. Type of Project:

🖂 WPAP	🗌 AST
SCS	🗌 UST

3. Location of Project:

Recharge Zone

Transition Zone

Contributing Zone within the Transition Zone

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

# Table 1 - Soil Units, InfiltrationCharacteristics and Thickness

Soil Name	Group*	Thickness (feet)
Comfort-Rock outcrop complex, undulating (CrD)	D	Veneer to 1.5 ft
Rumple-Comfort association, undulating (RUD)	С	1 to 2 ft

#### \*Soil Group Definitions (Abbreviated)

- A. Soils having a high infiltration rate when thoroughly wetted.
- B. Soils having a moderate infiltration rate when thoroughly wetted.
- C. Soils having a slow infiltration rate when thoroughly wetted.
- D. Soils having a very slow infiltration rate when thoroughly wetted.
- 6. Attachment B Stratigraphic Column. A stratigraphic column showing formations, members, and thickness is attached. The outcropping unit, if present, should be at the top of the stratigraphic column. Otherwise, the uppermost unit should be at the top of the stratigraphic column.
- 7. Attachment C Site Geology. A narrative description of the site specific geology including any features identified in the Geologic Assessment Table, a discussion of the potential for fluid movement to the Edwards Aquifer, stratigraphy, structure(s), and karst characteristics is attached.
- 8. Attachment D Site Geologic Map(s). The Site Geologic Map must be the same scale as the applicant's Site Plan. The minimum scale is 1":400'.

Applicant's Site Plan Scale: 1'' = 100'Site Geologic Map Scale: 1'' = 100'Site Soils Map Scale (if more than 1 soil type): 1'' = 250'

- 9. Method of collecting positional data:
  - Global Positioning System (GPS) technology.
  - Other method(s). Please describe method of data collection: \_\_\_\_\_
- 10. 🛛 The project site boundaries are clearly shown and labeled on the Site Geologic Map.
- 11. X Surface geologic units are shown and labeled on the Site Geologic Map.
- 12. Geologic or manmade features were discovered on the project site during the field investigation. They are shown and labeled on the Site Geologic Map and are described in the attached Geologic Assessment Table.

Geologic or manmade features were not discovered on the project site during the field investigation.

- 13. The Recharge Zone boundary is shown and labeled, if appropriate.
- 14. All known wells (test holes, water, oil, unplugged, capped and/or abandoned, etc.): If applicable, the information must agree with Item No. 20 of the WPAP Application Section.
  - There are \_\_\_\_\_(#) wells present on the project site and the locations are shown and labeled. (Check all of the following that apply.)
    - The wells are not in use and have been properly abandoned.
    - The wells are not in use and will be properly abandoned.
    - The wells are not in use and comply with 16 TAC Chapter 76.
  - There are no wells or test holes of any kind known to exist on the project site.

### Administrative Information

Submit one (1) original and one (1) copy of the application, plus additional copies as needed for each affected incorporated city, groundwater conservation district, and county in which the project will be located. The TCEQ will distribute the additional copies to these jurisdictions. The copies must be submitted to the appropriate regional office.

# ATTACHMENTS

RABAKISTNER

## **ATTACHMENT A**

GEOLOGIC ASSESSMENT TABLE (TCEQ-0585-TABLE)

COMMENTS TO GEOLOGIC ASSESSMENT TABLE

**SOIL PROFILE** 

SITE SOILS MAP

RABAKISTNER

and the second
GEOLO	GIC ASSES	SSMENT T	ABLE			PROJE		NE:	T Bar M, (RKEI Pr	New E	B <b>raunfels,</b> b. ASF15-09	<b>Comal Co</b> 92-00)	ounty,	Texas					
Calendary States	LOCATION		FEATURE C	HARAC	TERISTICS					C Francis					EVA	LUATI	ON	P	HYSICAL SETTING
1A	1B *	1C*	2A	2B	3		4	States 1	5	5A	6	7	8A	8B	9	Store St.	10	11	12
FEATURE ID	LATITUDE	LONGITUDE	FEATURE TYPE	POINTS	FORMATION	DIN	IENSIONS (	FEET)	TREND (DEGREES)	DOM	DENSITY (NO/FT)	APERTURE (FEET)	INFILL	RELATIVE INFILTRATION RATE	TOTAL	SENS	BITIVITY	CATCHMENT AREA (ACRES)	TOPOGRAPHY
Mark The Avenue and A			Contractor and some state	Carlo and		X	Y	Z		10		Paratition in success	Selection of the second		Consciences and the	<40	>40	<1.6 <u>&gt;1.6</u>	
S-1	N29 43 26.9	W98 11 9.6	MB (W)	30	Кер	~1,732	2.0	~3-4	She She		the state of the second		F/X	6	36	1		~	Hilltop
S-2	N29 43 24.2	W98 11 13.4	MB (COMM)	30	Кер	~66	3.0	~3-4					F/X	6	36	1	in the second	1	Hilltop
S-3	N29 43 33.8	W98 11 13.9	MB (SS)	30	Кер	~1,438	2.0	~8-10					F/X	8	38	~		1	Hilltop
S-4	N29 43 20.3	W98 11 8.4	MB (E)	30	Кер	~35	2.0	~2-3	S .				F/X	6	36	1		1	Hilltop
S-5	N29 43 28.9	W98 11 15.2	MB (E)	30	Кер	~49	2.0	~2-3					F/X	6	36	1		~	Hilltop

### \* DATUM: NAD 83

Features: COMM = Communications, E = Electric, SS = Sanitary Sewer, W = Water Formation: Kep = Person Formation

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

	8A INFILLING
N	None, exposed bedrock
С	Coarse - cobbles, breakdown, sand, gravel
0	Loose or soft mud or soil, organics, leaves, sticks, dark colors
F	Fines, compacted clay-rich sediment, soil profile, gray or red colors
V	Vegetation. Give details in narrative description
FS	Flowstone, cements, cave deposits
Х	Other materials: Granular bedding materials for utility lines (Features S-1 through
	12 TOPOGRAPHY
Cliff,	Hilltop, Hillside, Drainage, Floodplain, Streambed

X

I have read, I understood, and I have followed the Texas Natural Resource Conservation Commission's Instructions to Geologists. The information presented here complies with that document and is a true representation of the conditions observed in the field. My signature certifies that I am qualified as a geologist as defined by 30 TAC 213.

Fring G. Fren Brichard V KLAR GEOLOGY 259

6-24-15 Date: Sheet \_\_\_\_\_\_ of \_\_\_\_1\_\_\_

TCEQ-0585-Table (Rev. 10-01-04)

S-5)

### COMMENTS TO GEOLOGIC ASSESSMENT TABLE T Bar M New Braunfels, Comal County, Texas

The locations of the following features are indicated on the *Site Geologic Map* in Attachment D of this report.

### Manmade Features (Utility Trenches)

Feature S-1 (MB):



**Feature S-1** consists of a potable water line utility trench. On the basis of our observations, it is inferred that the trench hosting the utility line is installed 3-4 feet or more into the Person Formation (Kep). This trench enters the northeastern perimeter of the property from SH 46 and trends to the west where it branches off at three locations. The length of the utility trench within the project area is estimated on the order of 1,732 linear feet.

Feature S-2 (MB):



been inferred.

**Feature S-2** consists of a communications line utility trench. On the basis of our observations, it is inferred that the trench hosting the utility line is installed 3-4 feet or more into the Kep. This feature enters the northeastern perimeter of the property from SH 46 and trends to the west along the southern boundary of the property. The utility was observed by junction boxes near the entrance to the property and behind the sports center building. The length of the utility trench within the project area is estimated on the order of 66 linear feet. In absence of confirmed utility location information, the general orientation, distance, and depth has

### Feature S-3 (MB):



**Feature S-3** consists of a sanitary sewer line utility trench. On the basis of our observations, it is inferred that the trench hosting the utility line is installed 8-10 feet or more into the Kep. This trench enters the northeastern perimeter of the property, near the northern corner, from SH 46 and trends to the west/southwest where it branches off at three locations. The length of the utility trench within the project area is estimated on the order of 1,438 linear feet.

Features S-4 and S-5 (MB):



**Features S-4 and S-5** consist of electric line utility trenches. On the basis of our observations, it is inferred that the trenches hosting the utility lines are installed 2-3 feet or more into the Kep. These trenches are located on the northeastern boundary of the property and near the center of the property. They were observed by utility junction boxes.

- Feature S-4: This trench starts at a junction box on the northeastern perimeter of the property, near the main entrance from SH 46. The trench branches trends towards the northwest to the entrance sign. The length of the utility trench within the project area is estimated on the order of 35 linear feet.
- Feature S-5: This trench starts at a junction box at the center of the property and extends to the southwest towards the hotel. The length of the utility trench within the project area is estimated on the order of 49 linear feet.

### SOIL PROFILE T Bar M New Braunfels, Comal County, Texas

SOIL SERIES	THICKNESS ON SITE	DESCRIPTION
Comfort- Rock	Veneer to 1.5 ft	<b>Comfort-Rock outcrop complex, undulating (CrD):</b> This complex comprises shallow clayey soils and limestone outcrop on side slopes, hilltops, and ridge tops in the Edwards Plateau. On average, Comfort soils make of 70% of the complex. Areas of limestone outcrop form narrow horizontal bands, and Comfort soils occur between the bands. The surface layer of the Comfort soil is dark brown, extremely stony clay, typically about 6 inches thick. Cobbles to 4 feet in diameter are abundant. Subsoil is dark reddish-brown clay, extremely stony and occurs to depths of about 13 inches. The Rock outcrop is dolomitic limestone that is barren of soil except in narrow fractures.
Rumple Comfort	1 to 2 ft	<b>Rumple-Comfort-association, undulating (RUD):</b> Rumple soils make up about 60% of this association and are on broad ridge tops and side slopes. The surface layer is dark reddish brown very cherty clay loam about 10 inches thick with rounded chert, limestone cobbles and gravel cover about 20% of the surface. The subsoil is dark reddish brown very cherty clay to approximate depth of 14 inches and dark reddish brown extremely stony clay to a depth of about 28 inches. The surface layer of the Comfort soil is dark brown, neutral, extremely stony clay about 7 inches thick. The subsoil is dark reddish brown, mildly alkaline, extremely stony clay to a depth of 12 inches. The underlying material for both Rumple and Comfort soils is indurated fractured limestone fragments

The preceding table was prepared on the basis of information provided in the *Soil Survey of Comal and Hays Counties, Texas (1984)* in addition to field observations. Native soils mapped throughout the northern portion of the project Area A and west portion of the project Area B in closer proximity to Blieders Creek correspond to Comfort-Rock outcrop complex, undulating soils (CrD), as presented on the *Site Soils Map*. Soils classified as the Rumple-Comfort association, undulating (RUD) are mapped throughout the remainder of Areas A and B. Each of the referenced soils are weakly-developed and relatively thin, occurring over weathered limestone units of the Person Formation. While both soil units exhibit low permeability, Rumple soils have a higher reported permeability than Comfort soils (0.2-0.6 inches/hour versus 0.06-0.2 inches/hour, respectively), which accounts for its Soil Group classification of "C" versus "D". Both the CrD and RUD soils are reported as having low to moderate shrink-swell potential.



# ATTACHMENT B

# STRATIGRAPHIC COLUMN

### STRATIGRAPHIC COLUMN T Bar M New Braunfels, Comal County, Texas

STRATIGRAPHIC FORMATION	THICKNESS	DESCRIPTION
Alluvium (Qal)	Variable, 1-8 ft	Unit consists of clay, sand, silt, and gravel. Patchy occurrences of alluvium observed within Blieders Creek tributary.
Edwards Limestone (Ked) Person Formation (Kep)	180-224	Unit consists of gray to light tan marly limestone. Identified in the field by the presence of <i>Waconella wacoensis</i> .
Cyclic and Marine Members, undivided	80–100 ft	Unit consists of massive mudstone to packstone; <i>miliolid</i> grainstone; and chert. Identified in the field by cycles of massive beds to relatively thin beds. Isolated exposures observed within the wooded areas of the SITE.
Leached and Collapsed Members, undivided	80–100 ft	Unit consists of crystalline limestone, mudstone to grainstone and chert. Identified in the field by bioturbated iron-stained beds separated by massive limestone beds.
Regional Dense Member	20–24 ft	Unit consists of dense, argillaceous mudstone. Identified in the field by wispy iron-oxide stains.

Note: Stratigraphic Column adapted from Small and Hanson (1994).

# ATTACHMENT C

# NARRATIVE OF SITE SPECIFIC GEOLOGY

### SITE GEOLOGY NARRATIVE T Bar M New Braunfels, Comal County, Texas

### Introduction

The following discussion is a site-specific assessment of existing geological conditions and potential recharge features within the referenced project site. This assessment was performed by **Raba Kistner Environmental, Inc. (RKEI)** for Moeller & Associates, pursuant to applicable Edwards Aquifer Protection Program Rules as specified in *Title 30 of the Texas Administrative Code, Section 213 (30 TAC §213, effective April 24, 2008).* This assessment report is in the format required by the Texas Commission on Environmental Quality (TCEQ) for the Geologic Assessment portion of a Water Pollution Abatement Plan (WPAP) and was prepared in accordance with the revised *Instructions to Geologists for Geologic Assessments on the Edwards Aquifer Recharge/Transition Zones (TCEQ-0585)*, which are applicable to submittals received by the TCEQ after October 1, 2004.

This geologic assessment report documents conditions observed by **RKEI** within the project boundaries on June 15 and 16, 2015.

### Site Description

*Site Location.* The overall project includes land development activities proposed for T Bar M Ranch located in New Braunfels, Comal County, Texas. As defined for purposes of this project, there are two areas identified for this geologic assessment that will host construction activities associated with planned designated herein as Areas A and B, collectively referred to herein as SITE. Area A comprises approximately 22 acres of land that runs along State Highway 46 and extends back to Horseshoe Trail. Area B begins near Sunset Bend and is comprised of approximately 2.52 acres of land. The project boundaries for Areas A and B were provided by Moeller & Associates and are indicated on the attached *Site Geologic Map*.

As defined herein, the project areas are fully located over the Edwards Aquifer Recharge Zone (EARZ) as defined based on official maps made available by the TCEQ. Given the locations within the EARZ, performance of a geologic assessment is required to facilitate planned construction activities pursuant to applicable Edwards Aquifer Protection Program (EAPP) rules. As presented on the attached *Site Geologic Map*, adjacent properties include summer camps, single-family and multi-family residential development and undeveloped land.

**Topography and Drainage.** The SITE generally consists of a gently sloping hillside characterized by hilltop topography, which is located in close proximity to an unnamed tributary to Blieders Creek. The elevation for Area A at the southwest end of the SITE near Horseshoe Trail is approximately 868 ft above mean sea level (MSL) and gently slopes downhill to the northeast to an elevation of approximately 820 ft MSL near State Highway 46, corresponding to the 100-year floodplain area for Blieders Creek tributary. The elevation for Area B is approximately 975 ft above MSL at the southeast corner sloping downhill to the northwest to an elevation of approximately 848 ft above MSL near Blieders Creek tributary.

### RABAKISTNER

As indicated by topographic contours presented on *Site Geologic Map*, the surface drainage patterns for the majority of the SITE are locally to the north/northwest toward the unnamed tributary. Topographic contours were obtained from 7.5-Minute Series topographic map (i.e., New Braunfels West Quadrangle) prepared by the U.S. Geological Survey (USGS, 1992). The majority of drainage across the SITE occurs as sheet flow directed toward the unnamed tributary, which flows to the Soil Conservation Service Site 3 Reservoir associated with Blieders Creek. A review of Flood Insurance Rate Maps (FEMA, 2009) indicates that an approximate 3.9 acres of the northern portion of the SITE is located within a 100-yr floodplain area associated with the unnamed Blieders Creek tributary.

**Historical Property Use.** Although research pertaining to past SITE operations and historical land use activities was beyond the scope of this assessment, historical aerial imagery was reviewed to evaluate historical land use and the presence of lineations that could indicate the presence of a normal fault. The following aerial photographs were reviewed: 1995, 2005, 2008, and 2010. The aerial photograph from 1995 to 2010 indicates that the SITE was developed for its current use. The surrounding properties have remained unchanged since 1995 with State Highway 46 and single-family residential to the east, summer camps and a country club to the north, summer camps and single-family residential to the south.

**Classification of Recharge Features:** As further described herein, features identified at the SITE and discussed below include 5 manmade features (utility trenches). No naturally-occurring recharge features were identified within SITE boundaries. The significance of these features was assessed using definitions and guidance provided in *Instructions to Geologists (TCEQ-0585-Instructions, revised October 1, 2004)*. All features within the SITE that met the criteria presented in this reference were mapped. The characteristics of all mapped features and the assessments of these features, as defined by the TCEQ, are presented in the attached **Geologic Assessment Table (TCEQ-0585** 

### Stratigraphy

As presented in the attached *Stratigraphic Column*, information pertaining to the lithologies and thickness of geologic units underlying the SITE was primarily taken from Collins (2000) and Small and Hanson (1994). Collective published data referenced indicate that the SITE is underlain by Person Formation (Kep). As depicted on the *Site Geologic Map*, the Kep is commonly divided into three distinct members: (i) Cyclic and Marine Member, undivided – mudstone to packstone, grainstone, and chert; (ii) Leached and Collapsed Member, undivided - unit includes crystalline limestone, mudstone to grainstone, and chert; and (iii) Regional Dense Member - unit consists of dense, carbonate mudstone. The total thickness of the Kep is on the order of 180 to 224 feet. The uppermost or Cyclic and Marine member of the Kep represents the portion of the Edwards Limestone directly underlying the west portion of the SITE to depths on the order of 80 to 100 ft. Based upon the work of Maclay (1995), this unit contains many open fractures and possesses low matrix permeability with total porosity on the order of 5 to 10%.

### **Structure**

This SITE is located within the Balcones Fault Zone and as such possesses a distinct structural trend. This zone generally consists of a northeast-southwest trending, *en echelon* normal fault system, which juxtaposes Upper Cretaceous lithologies in the southeast with Lower Cretaceous lithologies in the northwest. As a result of this larger-scale, regional faulting, minor internal fault sequences and fractures exist within this zone which follow the same structural trend and accommodate localized displacement.

No evidence of faulting or displacement was noted during the assessment at the SITE. The nearest published fault is mapped approximately 1,500 ft northwest of the project limit as presented on the published geologic map prepared by Collins (2000). Based on review of published geologic references, this normal fault zone facilitates displacement, juxtaposing the younger Del Rio Clay formation to the northwest with older Edwards Limestone to the southeast.

#### Karst Feature

No karst features were identified on the property.

#### **Non-Karst Closed Depressions**

No non-karst closed depressions were mapped at the SITE.

#### **Manmade Features**

As presented on the *Site Geologic Map*, a total of 5 manmade features was identified which may potentially serve to enhance the transmission of surface runoff to the subsurface. The features are existing utility trenches (i.e., water line, sanitary sewer line, communication line, and electric lines, respectively) that meet criteria for assessment as a manmade feature in bedrock. For all utility trenches (i.e., *Features S-1 through S-5*), no surface expression, collapse/settlement of surface soils, or preferential flow towards these features was observed during SITE reconnaissance. Although some information regarding the location of existing potable water utility trenches was gleaned from a base map provided to **RKEI** by Moeller & Associates on June 15, 2015, the locations of remaining utility trenches are largely inferred, based on limited information provided by SITE maintenance staff and field observations of manway access points. The types or general classes of utility trench features are listed below:

- Feature S-1 consists of potable water line utility trench.
- Feature S-2 consists of communications line utility trench.
- Feature S-3 consists of sanitary sewer line utility trench.
- Features S-4 and S-5 consists of electric line utility trenches.

Although not directly observable, it is inferred that the utility trenches are backfilled in accordance with standard construction practices that include the use of structural fill soils (e.g., base course materials, limestone gravel, compacted clay soils, etc.) overlain by native or fill soils, depending upon location and surface improvements. The utility trenches were not observed in conjunction with any

### RABAKISTNER

naturally-occurring recharge features. Although the backfilled utility trenches may exhibit somewhat greater relative infiltration rate than the surrounding soil/rock strata underlying the project SITE, the manmade features are classified as not sensitive, having a low potential of transmitting fluids into the Edwards Aquifer. This classification is based upon the point assignment criteria presented in the *Geologic Assessment Table (TCEQ-0585)* and professional judgment.

### Potential for Fluid Migration to the Edwards Aquifer

The majority of the SITE is overlain by clay soils having slow to moderate published infiltration rates. Based on our review of SITE geology, topography and drainage conditions, in addition to the results of our detailed mapping efforts, the overall potential for fluid movement (i.e. surface-derived flow) to the Edwards Aquifer via direct infiltration is considered to be low. The following assessment findings support this conclusion.

- No naturally-occurring features were identified within SITE boundaries attributed to karstification of limestone terrain or normal faulting.
- Manmade (utility trench) features were mapped throughout the SITE, but collectively classified as not sensitive based on application of point assignment criteria and professional judgment.

### References

- Barnes, V. L., 1983, Geologic Atlas of Texas San Antonio Sheet; Bureau of Economic Geology, The University of Texas at Austin, Austin, Texas.
- Collins, Edward W., 2000, Geologic Map of the New Braunfels, Texas, 30 x 60 Minute Quadrangle: Geologic Framework of an Urban-Growth Corridor along the Edwards Aquifer, South-Central Texas: Bureau of Economic Geology, The University of Texas at Austin, Austin, Texas.
- Moeller & Associates (2015), Project Limits: *Location Map & GA Limits.pdf* provided to **RKEI** via email correspondence on 6/4/15 (Area A) and 6/15/15 (Area B).
- National Flood Insurance Program, 2009, Flood Insurance Rate Map, Comal County, Texas and Incorporated Areas; Federal Emergency Management Agency, Maps 48091C0430F and 48091C0435F.
- Small, T. A., and J. A. Hanson, 1994, Geologic framework and hydrogeologic characteristics of the Edwards Aquifer Outcrop, Comal County, Texas: USGS Water-Resources Investigations Report 94-4117.
- TCEQ Edwards Aquifer Protection Program, 1998, Edwards Aquifer Recharge Zone Map, New Braunfels West Quadrangle; TNRCC, September 1998.
- United States Geological Survey (USGS), 1992, New Braunfels West Quadrangle; USGS, Denver, Colorado.
- United States Department of Agriculture (USDA), 1962, Soil Survey of Comal and Hays Counties, Texas; USDA / Soil Conservation Service / Texas Agricultural Experiment Station, Issued June 1984.
- United States Department of Agriculture (USDA), 1986, Urban Hydrology for Small Watersheds; USDA / Natural Resource Conservation Service, Technical Release (TR-) 55, June 1986.

# ATTACHMENT D

## SITE GEOLOGIC MAP

FEATURE POSITION TABLE (GPS COORDINATES)



### FEATURE POSITION TABLE

### T Bar M

### New Braunfels, Comal County, Texas

RKEI Project No. ASF15-092-00

Feature Designation	Feature Type	Date Collected	North Latitude	West Longitude	UTM Northing (meters)	UTM Easting (meters)
S-1	Manmade feature in bedrock (Water Line)	6/15/2015	N29 43 26.9	W98 11 9.6	3288496	578726
S-2	Manmade feature in bedrock (Communications Line)	6/15/2015	N29 43 24.2	W98 11 13.4	3288411	578624
S-3	Manmade feature in bedrock (Sanitary Sewer Line)	6/15/2015	N29 43 33.8	W98 11 13.9	3288707	578609
S-4	Manmade feature in bedrock (Electric Line)	6/15/2015	N29 43 20.3	W98 11 8.4	3288293	578760
S-5	Manmade feature in bedrock (Electric Line)	6/15/2015	N29 43 28.9	W98 11 15.2	3288556	578575

### NOTES:

1) Geographic coordinates are presented Degrees, Minutes, Decimal Seconds

2) Reference Datum is NAD 83

3) Data were collected utilizing a Garmin GPS 60cx Global Positioning System

4) Horizontal Accuracy: RMS Value < 3 meter ground resolution

5) GPS data were collected by Chris Murray (RKEI Project Professional)

6) GPS coordinates correlate to the points on the map for each feature.

# Modification of a Previously Approved Plan

### **Texas Commission on Environmental Quality**

for Regulated Activities on the Edwards Aquifer Recharge Zone and Transition Zone and Relating to 30 TAC 213.4(j), 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 request for a **Modification of a Previously Approved Plan** is hereby submitted for TCEQ review and executive director approval. The request was prepared by:

Print Name of Customer/Agent: Shane Klar, P.E.

Date: <u>6/24/15</u> Signature of Customer/Agent:

have the

### **Project Information**

 Current Regulated Entity Name: <u>T Bar M</u> Original Regulated Entity Name: <u>T Bar M</u> Regulated Entity Number(s) (RN): <u>102745502</u> Edwards Aquifer Protection Program ID Number(s): <u>1899.00</u>

The applicant has not changed and the Customer Number (CN) is: \_\_\_\_

The applicant or Regulated Entity has changed. A new Core Data Form has been provided.

2. Attachment A: Original Approval Letter and Approved Modification Letters. A copy of the original approval letter and copies of any modification approval letters are attached.

- 3. A modification of a previously approved plan is requested for (check all that apply):
  - Physical or operational modification of any water pollution abatement structure(s) including but not limited to ponds, dams, berms, sewage treatment plants, and diversionary structures;
  - Change in the nature or character of the regulated activity from that which was originally approved or a change which would significantly impact the ability of the plan to prevent pollution of the Edwards Aquifer;
    - Development of land previously identified as undeveloped in the original water pollution abatement plan;
    - Physical modification of the approved organized sewage collection system;
    - Physical modification of the approved underground storage tank system;
    - Physical modification of the approved aboveground storage tank system.
- 4. Summary of Proposed Modifications (select plan type being modified). If the approved plan has been modified more than once, copy the appropriate table below, as necessary, and complete the information for each additional modification.

WPAP Modification	Approved Project	Proposed Modification
Summary		
Acres	<u>9.3</u>	<u>15.68</u>
Type of Development	<u>Commercial</u>	<u>Commercial</u>
Number of Residential	<u>N/A</u>	<u>N/A</u>
Lots		
Impervious Cover (acres)	<u>3.46</u>	<u>5.60</u>
Impervious Cover (%	<u>37.2%</u>	<u>36.4%</u>
Permanent BMPs	Vegetatvie Filter Strip	VFS/Rainwater Harvesting
Other		
SCS Modification	Approved Project	Proposed Modification
Summary		
Linear Feet		
Pipe Diameter		
Other		

AST Modification	Approved Project	Proposed Modification
Summary		
Number of ASTs		
Volume of ASTs		-per-of-Marganetana
Other		
UST Modification	Approved Project	Proposed Modification
UST Modification Summary	Approved Project	Proposed Modification
<b>UST Modification</b> <b>Summary</b> Number of USTs	Approved Project	Proposed Modification
<b>UST Modification</b> <b>Summary</b> Number of USTs Volume of USTs	Approved Project	Proposed Modification

- 5. Attachment B: Narrative of Proposed Modification. A detailed narrative description of the nature of the proposed modification is attached. It discusses what was approved, including any previous modifications, and how this proposed modification will change the approved plan.
- 6. Attachment C: Current Site Plan of the Approved Project. A current site plan showing the existing site development (i.e., current site layout) at the time this application for modification is attached. A site plan detailing the changes proposed in the submitted modification is required elsewhere.
  - The approved construction has not commenced. The original approval letter and any subsequent modification approval letters are included as Attachment A to document that the approval has not expired.
  - The approved construction has commenced and has been completed. Attachment C illustrates that the site was constructed as approved.
  - The approved construction has commenced and has been completed. Attachment C illustrates that the site was **not** constructed as approved.
  - The approved construction has commenced and has **not** been completed.
    - Attachment C illustrates that, thus far, the site was constructed as approved.
  - The approved construction has commenced and has **not** been completed. Attachment C illustrates that, thus far, the site was **not** constructed as approved.
- 7. The acreage of the approved plan has increased. A Geologic Assessment has been provided for the new acreage.
  - Acreage has not been added to or removed from the approved plan.
- 8. Submit one (1) original and one (1) copy of the application, plus additional copies as needed for each affected incorporated city, groundwater conservation district, and county in which the project will be located. The TCEQ will distribute the additional copies to these jurisdictions. The copies must be submitted to the appropriate regional office.

Buddy Garcia, Chairman Larry R. Soward, Commissioner Bryan W. Shaw, Ph.D., Commissioner Mark R. Vickery, P.G., Executive Director



# TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

July 29, 2008

Mr. Scott Turpin T Bar M Inc. 8201 Preston Road Dallas, TX 75225

Re: Edwards Aquifer, Comal County

NAME OF PROJECT: T Bar M; Located on the south side of State Highway 46 West approximately 0.5 mile north of the intersection of FM 1863 and State Highway 46 West; New Braunfels, Texas

TYPE OF PLAN: Request for Modification of a Water Pollution Abatement Plan (WPAP); 30 Texas Administrative Code (TAC) Chapter 213 Edwards Aquifer

Edwards Aquifer Protection Program ID No.: 1899.01; Investigation No.: 656843; Regulated Entity No. RN102745502

Dear Mr. Turpin:

The Texas Commission on Environmental Quality (TCEQ) has completed its review of the request for modification of the approved WPAP for the above-referenced project submitted to the San Antonio Regional Office by Carter & Burgess, Inc. on behalf of T Bar M Inc. on April 29, 2008. Final review of the WPAP was completed after additional material was received on July 17, 2008 and July 25, 2008. As presented to the TCEQ, the Temporary and Permanent Best Management Practices (BMPs) 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.

### BACKGROUND

The commercial project site was previously approved by letter dated December 20, 2002. The 9.3 acres included the construction of two buildings, a cabin, four tennis courts, and associated parking areas. The impervious cover was to be 3.46 acres (37.2 percent). Project wastewater was to be disposed of by conveyance to the existing Gruene Water Recycling Center owned by the City of New Braunfels.

The permanent pollution abatement measures consisted of five individual permanent vegetative filter strips, which were designed to meet the required 80 percent removal of the increased load in total suspended solids caused by the project. The table below summarized the permanent treatment:

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

P.O. Box 13087 • Austin, Texas 78711-3087 • 512-239-1000 • Internet address; www.tceq.state.tx.us

Permanent Best Management Practices (Vegetative Filter Strips)						
Watershed	A	B	· C	D.	E	
Filter Strip Area (acres)	1.15	0.77	0.10	0.37	0.126	
Level spreading device	Yes	Yes	Yes	Yes	Yes	
Contiguous with developed area	Yes	Yes	Yes	Yes	Yes	
Area of development filter strip designed to treat (acres)	1.203	1.824	0.17	0.726	0.126	

#### PROJECT DESCRIPTION

The proposed commercial project will have an area of approximately 9.3 acres. It will include the addition of a restaurant building, roads and parking. The proposed site layout requires that some of the existing impervious cover (0.23 acres) be removed and restored to landscaping. The new proposed impervious cover added to the site will be 0.60 acres. The net increase of impervious cover will be 0.37 acres. The impervious cover for the 9.3 acres will become 3.83 acres (41.2 percent). Project wastewater will be disposed of by conveyance to the existing Gruene Water Recycling Center owned by the City of New Braunfels.

#### PERMANENT POLLUTION ABATEMENT MEASURES

To prevent the pollution of stormwater runoff originating on-site or upgradient of the site and potentially flowing across and off the site after construction, engineered vegetated filter strips, designed using the TCEQ technical guidance document, <u>Complying with the Edwards Aquifer Rules: Technical Guidance on Best Management Practices</u> (2005), will be constructed to treat stormwater runoff. The required total suspended solids (TSS) treatment for this project is 332 pounds of TSS generated from the 0.37 acres of net increase in impervious cover. The approved measures meet the required 80 percent removal of the increased load in TSS caused by the project.

The engineered vegetated filter strips will extend along the entire length of the contributing area; The slope will not exceed 20%;

The minimum dimension of the filter strips (in the direction of flow will not be less than 15 feet;

The maximum width (in the direction of flow) of the contributing impervious area will not exceed 72 feet; The minimum vegetated cover will be 80%;

The contributing area to the filter strip will be relatively flat so that runoff will be distributed evenly to the vegetated area without the use of a level spreader;

The vegetated filter strip will be free of gullies or rills that can concentrate overland flow.

The 3 foot river rock velocity dissipater receiving roof runoff from the proposed T Bar M Restaurant will be free of gullies or rills that can concentrate overland flow and potentially cause erosion to the engineered vegetated filter strip.

### <u>GEOLOGY</u>

The outcropping geologic formation mapped at the site consists of the Person Formation of the Cretaceous Edwards Group. The site specifically lies in the outcrop of the Cyclic and Marine member. According to the geologic assessment included with the application seven features were identified at the site. Five of the features were manmade and ranked non-sensitive. A non-karst closed depression was ranked as non-sensitive and a solution cavity (S-4) was ranked as sensitive. Based on the information

P.04

Mr. Scott Turpin July 29, 2008 Page 3

submitted by the project engineer the sensitive feature is situated several hundred feet away from any improvements proposed in this modification. Regional Office did not conduct a site assessment.

#### SPECIAL CONDITIONS

I. This modification is subject to all Special and Standard Conditions listed in the WPAP approval letter dated December 20, 2002.

Π.

All permanent pollution abatement measures shall be operational prior to occupancy of the facility.

m.

Intentional discharges of sediment laden storm 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.

Unless an exception is requested, justified with documentation as equivalent protection, and approved, the "industry standard" for temporary BMPs to be used for activities regulated by 30 TAC 213 are described in RG-348 (2005), and shall be used.

V.

1

5.

IV.

No regulated activities shall take place within the vicinity (200 feet) of feature S-4 without determining the natural drainage area to the sensitive feature and providing appropriate natural buffers to protect the feature in accordance with TCEQ guidance.

#### STANDARD CONDITIONS

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. 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 form (Deed Recordation Affidavit, TCEQ-0625) that you may use to deed record the approved WPAP is enclosed.

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 WPAP and this

notice of approval shall be maintained at the project location until all regulated activities are completed.

- 6. Modification to the activities described in the referenced WPAP 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.
- 7. 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 date on which the regulated activity will commence, the name of the approved plan and program ID number for the regulated activity, and the name of the prime contractor with the name and telephone number of the contact person. The executive director will use the notification to determine if the approved plan is eligible for an extension.
- 8. Temporary erosion and sedimentation (E&S) controls, i.e., silt fences, rock berms, stabilized construction entrances, or other controls described in the approved WPAP, 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.
- 9. All borings with depths greater than or equal to 20 feet must be plugged with non-shrink grout from the bottom of the hole to within three (3) feet of the surface. The remainder of the hole must be backfilled with cuttings from the boring. All borings less than 20 feet must be backfilled with cuttings from the boring. All borings must be backfilled or plugged within four (4) days of completion of the drilling operation. Voids may be filled with gravel.

#### During Construction:

- 10. During the course of regulated activities related to this project, the applicant or 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.
- 11. 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. 6, above.
- 12. If any sensitive feature (caves, solution cavities, sink holes, etc.) is discovered during construction, all regulated activities near the feature must be suspended immediately. The applicant or his agent must immediately notify the San Antonio Regional Office of the discovery of the feature. Regulated activities near the feature may not proceed until the executive director has reviewed and approved the methods proposed to protect the feature and the aquifer from

> potentially adverse impacts to water quality. The plan must be sealed, signed, and dated by a Texas Licensed Professional Engineer.

No wells exist at the site. All water wells, including injection, dewatering, and monitoring wells must be in compliance with the requirements of the Texas Department of Licensing and Regulation under Title 16 TAC Chapter 76 (relating to Water Well Drillers and Pump Installers) and all other locally applicable rules, as appropriate.

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 reduced by 50 percent. Litter, construction debris, and construction chemicals shall be prevented from becoming stormwater discharge pollutants.

Intentional discharges of sediment laden storm water are not allowed. If dewatering becomes 15. 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.

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.

17. 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.

After Completion of Construction:

18. 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.

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 association, a new property owner or lessee, a district, or municipality) or the ownership of the property is transferred to the entity. The regulated 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 San Antonio Regional Office within 30 days of the transfer. A copy of the transfer form (TCEQ-10263) is enclosed.

Upon legal transfer of this property, the new owner(s) is required to comply with all terms of the approved Edwards Aquifer protection plan. If the new owner intends to commence any new regulated activity on the site, a new Edwards Aquifer protection plan that specifically addresses the new activity must be submitted to the executive director. Approval of the plan for the new

14.

13.

16.

19.

20.

regulated activity by the executive director is required prior to commencement of the new regulated activity.

21. An Edwards Aquifer protection 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 Edwards Aquifer protection 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.

22. 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.

If you have any questions or require additional information, please contact Agnieszka Hobson of the Edwards Aquifer Protection Program of the San Antonio Regional Office at (210) 403-4075.

Sincerely,

Mark R. Vickery, P.G. Executive Director Texas Commission on Environmental Quality

MRV/AMH/eg

Enclosures: Deed Recordation Affidavit, Form TCEQ-0625 Change in Responsibility for Maintenance of Permanent BMPs, Form TCEQ-10263

Mr. David McBeth, P.E., Carter & Burgess, Inc.
 Mr. James C. Klein, P.E., City of New Braunfels
 Mr. Thomas H. Hornseth, P.E., Comal County
 Ms. Velma Reyes Danielson, Edwards Aquifer Authority
 TCEQ Central Records, Building F, MC-212

Bryan W. Shaw, Ph.D., *Chairman* Carlos Rubinstein, *Commissioner* Toby Baker, *Commissioner* Zak Covar, *Executive Director* 



### TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

### RECEIVED

September 21, 2012

OCT 0 1 2012

Mr Scott Turpin T Bar M, Inc. 2549 Highway 46 W New Braunfels Tx 78132-4731

### Re: Edwards Aquifer Protection Program, Comal County

NAME OF PROJECT: T Bar M; Located 0.5 mile north of FM 1863 on the south side of Hwy. 46, New Braunfels, Texas

TYPE OF PLAN: Request for Extension of Time to Commence Regulated Activities Authorized by a Water Pollution Abatement Plan (WPAP); 30 Texas Administrative Code (TAC) Chapter 213 Edwards Aquifer

Edwards Aquifer Protection Program File No. 1899.06, Investigation No. 1022399 Regulated Entity Number: RN102745502

Dear Mr. Turpin:

On July 27, 2012, the Texas Commission on Environmental Quality (TCEQ) received your request for an extension of time to commence regulated activities related to the above referenced WPAP approval. The request has been reviewed for compliance with 30 TAC §213.4(h) and §213.13 which set forth the procedures for requesting an extension of time to commence regulated activities authorized by the approval and was found to be in general agreement with these procedures. Therefore, the request for an extension to the term of approval for the referenced project is granted. A summary of the dates of approval and expiration is enclosed.

Date of Original Approval:	July 29, 2008		
Date of Expiration:	July 29, 2010		
Date Extension Request Received	Date of Extension Expiration		
July 22, 2010	January 29, 2011		
January 28, 2011	July 29, 2011		
July 11, 2011	January 29, 2012		

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

Mr. Scott Turpin September 21, 2012 Page 2

January 13, 2012	July 29, 2012
July 27, 2012	January 29, 2013

The request and fee were received in compliance with 30 TAC §213.4(h) and §213.13. As indicated in the rules, an extension may not be granted if the proposed regulated activity or approved plan for the regulated activity has changed. As understood, there will be no changes or modifications to the originally approved plan. This request for extension expires on January 29, 2013. Should construction not commence before the end of the six (6) month period, another request for extension would be required to keep the Edwards Aquifer Protection Plan validated.

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 Yuliya Dunaway of the Edwards Aquifer Protection Program of the San Antonio Regional Office at 210-490-3096.

Sincerely,

ZM

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

LMB/YD/eg

cc: Mr. James C. Klein, P.E., City of New Braunfels Mr. Tom Hornseth, P.E., Comal County Mr. Roland Ruiz, Edwards Aquifer Authority TCEQ Central Records, MC 212

### Extension Request for an Edwards Aquifer Protection Plan Relating to 30 TAC §213.4(g) Effective June 1, 1999

### RECTIVED

AUG 1 0 2012

1. Regulated Entity information. If requested by an agent, attach the agent authorization form.

COUNTY ENGINEER

T Bar M, Inc.	
Scott Turpin	
T Bar M, Inc.	
2549 Highway 46 West	
New Braunfels, TX	Zip: <u>78132-4731</u>
830-625-7738	FAX: <u>830-608-1765</u>
	Zip:
	FAX:
	T Bar M, Inc. Scott Turpin T Bar M, Inc. 2549 Highway 46 West New Braunfels, TX 830-625-7738

- x ATTACHMENT A Approval Letter or Extension Approval. Attach a copy of the last approval letter or the last approved extension. Date of letter: <u>February 29, 2012</u> Expiration date: July 29, 2012
- 3. <u>x</u> This extension request is submitted not earlier than sixty (60) days prior to the expiration date of an approved Edwards Aquifer protection plan or a previously approved extension.
- 4. <u>x</u> A completed fee form is attached. The fee for a six-month extension of time is \$150

Sc	ott Turpin	
Print Nam	e of Customer/Agent	
	~	

Regulated Entity Name: T Bar M. Inc.

"RECEIVED TOEQ" SAN ANTONIO RECION 2012 JUL 27 FIT 1: 03

If you have questions on how to fill out this form or about the Edwards Aquifer protection program, please contact us at 210/490-3096 for projects located in the San Antonio Region or 512/339-2929 for projects located in the Austin Region.

Individuals are entitled to request and review their personal information that the agency gathers on its forms. They may also have any errors in their information corrected. To review such information, contact us at 512/239-3282.



### TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

February 29, 2012

Mr. Scott Turpin T Bar M, Inc. 2549 Highway 46 West New Braunfels, TX 78132

Re: Edwards Aquifer Protection Program, Comal County

Name of Project: T Bar M; Located 0.5 mile north of FM 1863 on the south side of Hwy. 46, New Braunfels, Texas

Type of Plan: Request for the Extension of Time to Commence Regulated Activities Authorized by a Water Pollution Abatement Plan (WPAP); 30 Texas Administrative Code (TAC) Chapter 213 Edwards Aquifer

Edwards Aquifer Protection Program San Antonio File No. 1899.05; Investigation No. 981238; Regulated Entity No. RN102745502

Dear Mr. Turpin:

On January 13, 2012, the Texas Commission on Environmental Quality (TCEQ) received your request for an extension of time to commence regulated activities related to the above referenced WPAP approval. The request has been reviewed for compliance with 30 TAC §213.4(h) and §213.13 which set forth the procedures for requesting an extension of time to commence regulated activities authorized by the approval and was found to be in general agreement with these procedures. Therefore, the request for an extension to the term of approval for the referenced project is granted. A summary of the dates of approval and expiration are as follows:

Date of Original Approval:	July 29, 2008		
Date of Expiration:	July 29, 2010		
Date Extension Request Received	Date of Extension Expiration		
July 22, 2010	January 29, 2011		
January 28, 2011	July 29, 2011		
July 11, 2011	January 29, 2012		
January 13, 2012	July 29, 2012		

REPLY TO: REGION 13 • 14250 JUDSON RD. • SAN ANTONIO, TEXAS 78233-4480 • 210-490-3096 • FAX 210-545-4329

Mr. Scott Turpin February 29, 2012 Page 2

The request and fee were received in compliance with 30 TAC §213.4(h) and §213.13. As indicated in the rules, an extension may not be granted if the proposed regulated activities or approved plan for the regulated activities have changed. As understood, there will be no changes or modifications to the originally approved plan. This request for extension expires on July 29, 2012. Should construction not commence before the end of the six (6) month period, another request for extension would be required to keep the Edwards Aquifer Protection Plan validated.

If you have any questions or require additional information, please contact Charly Fritz of the Edwards Aquifer Protection Program with the San Antonio Office at (210) 403-4065.

Sincerely,

The Phor

Mark R. Vickery, P.G., Executive Director Texas Commission on Environmental Quality

RECEIVED

AUG 1 0 2012

COUNTY ENGINEER

MRV/CEF/eg

cc: Mr. Karl Dreher, General Manager, Edwards Aquifer Authority Mr. James Klein, P.E., City of New Braunfels Mr. Thomas Hornseth, P.E., Comal County TCEQ Central Records, Building F, MC 212

### Texas Commission on Environmental Quality Edwards Aquifer Protection Program **Application Fee Form**

NAME OF PROPOSED REGULATED ENTITY: <u>T</u> Bar REGULATED ENTITY LOCATION: <u>2549 Hwy 46 V</u> NAME OF CUSTOMER: <u>T Bar</u> <u>M</u> , Inc. CONTACT PERSON: <u>Scott Turpin</u> (Please Print)	M, Inc. Nest, New Braunfels PHONE: 830-	625-7738				
Customer Reference Number (if issued): CN 600	691752 (nine	e digits)				
Regulated Entity Reference Number (if issued): RN _102	745502 (nine	e digits)				
Austin Regional Office (3373)	Travis 🗌 Williamson					
San Antonio Regional Office (3362)	Comal 🗌 Medina 🗌	Kinney 🔲 Uvalde				
Application fees must be paid by check, certified check, or money order, payable to the Texas Commission on Environmental Quality. Your canceled check will serve as your receipt. This form must be submitted with your fee payment. This payment is being submitted to (Check One):						
	A San Antonio Regional Of		Zm			
TCEQ – Cashier	_ Overnight Delivery to TCEQ - Cashier	EQ: 27	AN			
Revenues Section	12100 Park 35 Circle	Pr Ol	23-			
P.O. Box 13088	Austin, TX 78753	+	NOE			
August TV 70711 2000	F10/000 1070		0			
Austin, TX 78711-3088	512/239-1278	0	N,			
Site Location (Check All That Apply): CRecharge Zor	512/239-1278	ထို ကြ Transition Zone	N.			
Site Location (Check All That Apply): Recharge Zor	512/239-1278	Contransition Zone	Ę.			
Site Location (Check All That Apply): Recharge Zor	512/239-1278 ne  Contributing Zone Size	Contransition Zone	- C			
Site Location (Check All That Apply):       Recharge Zor         Type of Plan         Water Pollution Abatement Plan, Contributing Zone         Plan: One Single Family Residential Dwelling	512/239-1278 ne Contributing Zone Size Acres	Contransition Zone				
Austin, TX 78711-3088         Site Location (Check All That Apply):          Recharge Zor         Type of Plan         Water Pollution Abatement Plan, Contributing Zone         Plan: One Single Family Residential Dwelling         Water Pollution Abatement Plan, Contributing Zone         Plan: Multiple Single Family Residential and Parks	512/239-1278 ne Contributing Zone Size Acres Acres	Fee Due \$	×			
Austin, TX 78711-3088         Site Location (Check All That Apply):          Recharge Zor         Type of Plan         Water Pollution Abatement Plan, Contributing Zone         Plan: One Single Family Residential Dwelling         Water Pollution Abatement Plan, Contributing Zone         Plan: Multiple Single Family Residential and Parks         Water Pollution Abatement Plan, Contributing Zone         Plan: Multiple Single Family Residential and Parks         Water Pollution Abatement Plan, Contributing Zone         Plan: Non-residential	512/239-1278 ne Contributing Zone Size Acres Acres Acres	Fee Due  Fee Due  \$ \$ \$ \$				
Austin, TX 78711-3088         Site Location (Check All That Apply):          Recharge Zor         Type of Plan         Water Pollution Abatement Plan, Contributing Zone         Plan: One Single Family Residential Dwelling         Water Pollution Abatement Plan, Contributing Zone         Plan: Multiple Single Family Residential and Parks         Water Pollution Abatement Plan, Contributing Zone         Plan: Multiple Single Family Residential and Parks         Water Pollution Abatement Plan, Contributing Zone         Plan: Non-residential         Sewage Collection System	512/239-1278  The Contributing Zone  Size  Acres  Acres  Acres  L.F.	Fee Due  Fee Due  S  S  S				
Austin, TX 78711-3088         Site Location (Check All That Apply):         Type of Plan         Water Pollution Abatement Plan, Contributing Zone         Plan: One Single Family Residential Dwelling         Water Pollution Abatement Plan, Contributing Zone         Plan: Multiple Single Family Residential and Parks         Water Pollution Abatement Plan, Contributing Zone         Plan: Multiple Single Family Residential and Parks         Water Pollution Abatement Plan, Contributing Zone         Plan: Non-residential         Sewage Collection System         Lift Stations without sewer lines	512/239-1278  The Contributing Zone  Size  Acres  Acres  Acres  L.F.  Acres	Fee Due  Fee Due  S  S  S  S  S				
Austin, TX 78711-3088         Site Location (Check All That Apply):         Type of Plan         Water Pollution Abatement Plan, Contributing Zone         Plan: One Single Family Residential Dwelling         Water Pollution Abatement Plan, Contributing Zone         Plan: Multiple Single Family Residential and Parks         Water Pollution Abatement Plan, Contributing Zone         Plan: Multiple Single Family Residential and Parks         Water Pollution Abatement Plan, Contributing Zone         Plan: Non-residential         Sewage Collection System         Lift Stations without sewer lines         Underground or Aboveground Storage Tank Facility	512/239-1278  The Contributing Zone  Size  Acres  Acres  Acres  L.F.  Acres  Tanks	Fee Due  Fee Due  S  S  S  S  S  S				
Austin, TX 78711-3088         Site Location (Check All That Apply):         Recharge Zor         Type of Plan         Water Pollution Abatement Plan, Contributing Zone         Plan: One Single Family Residential Dwelling         Water Pollution Abatement Plan, Contributing Zone         Plan: Multiple Single Family Residential and Parks         Water Pollution Abatement Plan, Contributing Zone         Plan: Multiple Single Family Residential and Parks         Water Pollution Abatement Plan, Contributing Zone         Plan: Non-residential         Sewage Collection System         Lift Stations without sewer lines         Underground or Aboveground Storage Tank Facility         Piping System(s)(only)	512/239-1278  The Contributing Zone  Size  Acres  Acres  Acres  L.F.  Acres  Tanks Each	Fee Due  Fee Due				
Austin, TX 78711-3088         Site Location (Check All That Apply):         Recharge Zor         Type of Plan         Water Pollution Abatement Plan, Contributing Zone         Plan: One Single Family Residential Dwelling         Water Pollution Abatement Plan, Contributing Zone         Plan: Multiple Single Family Residential and Parks         Water Pollution Abatement Plan, Contributing Zone         Plan: Multiple Single Family Residential and Parks         Water Pollution Abatement Plan, Contributing Zone         Plan: Non-residential         Sewage Collection System         Lift Stations without sewer lines         Underground or Aboveground Storage Tank Facility         Piping System(s)(only)         Exception	512/239-1278  Telefond Contributing Zone  Size  Acres  Acres  Acres  L.F.  Acres  L.F.  Acres  L.F.  Acres  L.F.  Acres  Acres Acres  Acres Acr	Fee Due  Fee Due  S  S  S  S  S  S  S  S  S  S  S  S  S				

Ù

-20-12 Date

Signature

If you have questions on how to fill out this form or about the Edwards Aquifer protection program, please contact us at 210/490-3096 for projects located in the San Antonio Region or 512/339-2929 for projects located in the Austin Region.

Individuals are entitled to request and review their personal information that the agency gathers on its forms. They may also have any errors in their information corrected. To review such information, contact us at 512/239-3282.

### Texas Commission on Environmental Quality Edwards Aquifer Protection Program Application Fee Schedule 30 TAC Chapter 213 (effective 05/01/2008)

### Water Pollution Abatement Plans and Modifications Contributing Zone Plans and Modifications

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

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

PROJECT	COST PER LINEAR FOOT	MINIMUM FEE MAXIMUM FEE
Sewage Collection Systems	\$0.50	\$650 - \$6,500

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

PROJECT	COST PER TANK OR PIPING SYSTEM	MINIMUM FEE MAXIMUM FEE
Underground and Aboveground Storage Tank Facility	\$650	\$650 - \$6,500

### **Exception Requests**

PROJECT	FEE
Exception Request	\$500

### **Extension of Time Requests**

PROJECT	FEE
Extension of Time Request	\$150



TCEQ Use Only

# **TCEQ** Core Data Form

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

<u>SECTIO</u>	<u>N I: Gen</u>	eral Information						
1. Reason f	or Submissio	on (If other is checked please	describe ir	n space pro	vided)		alanta mesekan	to the second second
New Pe	ermit, Registra	ation or Authorization (Core Da	ata Form sh	ould be sul	bmitted wi	th the program applic	ation)	
Renewa	al (Core Dat	a Form should be submitted wi	th the renew	wal form)		Other		
2. Attachme	ents [	Describe Any Attachments:	(ex. Title V A	pplication, V	Vaste Trans	sporter Application, etc.)		
Yes	No							
3. Custome	r Reference	Number (if issued)	Follow this	link to search	ch 4. R	egulated Entity Refe	erence Numbe	er (if issued)
CN 6000	691752		tor CN or F Central	Registry**	<sup>in</sup> R	N 102745502		
<b>SECTIO</b>	N II: Cus	stomer Information						
5. Effective	Date for Cus	tomer Information Updates (	mm/dd/yyy	/y)				
6. Custome	r Role (Propo	sed or Actual) - as it relates to the	Regulated E	Entity listed of	on this form	Please check only one	of the following	
Owner	onal Licensee	Operator     Responsible Party		wner & Op oluntary Cl	erator eanup Ap	plicant Other		
7. General C	Customer Inf	ormation				12		
New Cus Change in **If "No Cha	stomer n Legal Name ange" and Se	Up (Verifiable with the Texas Sec Inction I is complete, skip to S	odate to Cu cretary of S cection III -	stomer Info tate) Regulated	rmation I Entity In	Change Change	e in Regulated	Entity Ownership
8. Type of C	ustomer:	Corporation		ndividual		Sole Proprieto	orship- D.B.A	
City Gov	ernment	County Government	Federal Government		State Government			
Other Go	overnment	General Partnership	Limited Partnership     Other:					
9. Custome	r Legal Name	e (If an individual, print last name l	first: ex: Doe,	, John)	<u>lf new Cu</u> below	istomer, enter previous	Customer	End Date:
T Bar M,	Inc., Attn	: Scott Turpin						
	2549 Hi	ghway 46 West						
10. Mailing		8	_					
Address:								1501
	City	New Braunfels	State	TX	ZIP	78132	ZIP+4	4731
11. Country	Mailing Info	rmation (if outside USA)		12.	E-Mail A	ddress (if applicable)	120	
			14- <u>-</u> 367	stu	urpin@t	tbarm.com		
13. Telepho	ne Number	1	4. Extension	on or Code	9	15. Fax Num	iber (if applica	ble)
(830)6	25-7738					(830)6	08-1765	N
16. Federal	I ax ID (9 digits)	17. TX State Franchise Ta	ax ID (11 digi	its) 18. I	DUNS Nu	mber(if applicable) 19.	TX SOS Film	g Number (if applicable)
/4-16588	8	1/416588857				All		
20. Number	of Employee	es	_			21. Indepe	endently Own	ed and Operated?
0-20	⊴ 21-100		501 a	nd higher			Yes	∐ No
SECTIO	N III: Re	gulated Entity Infor	mation					
22. General	Regulated E	ntity Information (If 'New Reg	ulated Enti	ty" is select	ed below	this form should be a	ccompanied by	a permit application)
New Reg	ulated Entity	Update to Regulated Er	ntity Name	Upd	ate to Reg	gulated Entity Informa	tion 🛛 N	change** (See below)
		**if "NO CHANGE" is checked	and Section	l is complete	e, skip to Se	ction IV, Preparer Inform	ation.	

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

T Bar M, Inc.

24. Street Address	254	9 Hwy 46 We	est							_	
of the Regulated											
(No P.O. Boxes)	City	New Braun	fels	State	TX	ZIP	781	32		ZIP + 4	
	San	ne									
25. Mailing			-								
Address:	City			State		ZIP				ZIP + 4	
26. E-Mail Address:	st	urpin@tbarm	.com								
27. Telephone Number	er		<u> </u>	28. Extensio	n or Code	29	. Fax M	lumber (if a	pplicable)		
(830)625-7738	}					( 8	830)	608-176	65		
30. Primary SIC Code	e (4 digits	) 31. Seconda	ary SIC C	ode (4 digits)	32. Primary (5 or 6 digits)	NAICS	Code	<b>33</b> . (5 o	Second r 6 digits)	ary NAI	CS Code
7011		7999	_		721214		_	71	394	_	
34. What is the Prima	ry Bus	iness of this enti	ty? (Pl	ease do not rep	eat the SIC or N	AICS de	escriptic	on.)			
resort, sports faci	ility, 1	neeting and d	ining f	acility							
C	uestio	ns 34 - 37 addre	ss geogr	aphic locatio	n. Please ref	er to th	e instr	uctions for	r applica	bility.	
35. Description to Physical Location:	sou	th side of SH	46, 1/2	mile nortl	nwest of th	e inter	rsecti	on of FN	1 1863		
36. Nearest City				County			State		Neares	t ZIP Code	
New Braunfels				Comal		TX			78132		
37. Latitude (N) In D	ecimal	: 29.72416	7		38. Longi	tude (V	V) In	Decimal:	98.18	36944	
Degrees	Minutes		Seconds		Degrees	_		Minutes		Se	econds
29	43		27		98			11		1	3
39. TCEQ Programs an updates may not be made. If	d ID N	umbers Check all P gram is not listed, check	rograms an k other and	d write in the pen d write it in. See t	mits/registration nu he Core Data Forr	imbers th n instruct	at will be	e affected by the additional guid	ne updates lance.	submitted	on this form or the
Dam Safety		Districts		Edwards	Aquifer		Industri	al Hazardous	s Waste	🗌 Mu	nicipal Solid Waste
					-			51-12			
Now Source Poview	Air			Detrolour	Clarana Tank		DIALC				daa

New Source Review – Air		Petroleum Storage Tarik		Sludge
Stormwater	Title V – Air	Tires	Used Oil	Utilities
Voluntary Cleanup	Waste Water	Wastewater Agriculture	Water Rights	Other:

### **SECTION IV: Preparer Information**

40. Name:	Kelly Bail	ey		41. Title:	Executive Assistant
42. Telephon	e Number	43. Ext./Code	44. Fax Number	45. E-Mail	Address
(830)625	5-7738	207	(830)608-1765	kelly@t	barm.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 9 and/or as required for the updates to the ID numbers identified in field 39.

### (See the Core Data Form instructions for more information on who should sign this form.)

Company:	T Bar M, Inc.	Job Title:	Owner		
Name(In Print) :	Scott Turpin			Phone:	(830)625-7738
Signature:	Gott a Jun			Date:	7/20/2012

Bryan W. Shaw, Ph.D., *Chairman* Buddy Garcia, *Commissioner* Carlos Rubinstein, *Commissioner* Mark R. Vickery, P.G., *Executive Director* 



### TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

February 29, 2012

Mr. Scott Turpin T Bar M, Inc. 2549 Highway 46 West New Braunfels, TX 78132

Re: Edwards Aquifer Protection Program, Comal County

Name of Project<mark>: T Bar M; Lo</mark>cated 0.5 mile north of FM 1863 on the south side of Hwy. 46, New Braunfels, Texas

Type of Plan: Request for the Extension of Time to Commence Regulated Activities Authorized by a Water Pollution Abatement Plan (WPAP); 30 Texas Administrative Code (TAC) Chapter 213 Edwards Aquifer

Edwards Aquifer Protection Program San Antonio File No. 1899.05; Investigation No. 981238; Regulated Entity No. RN102745502

Dear Mr. Turpin:

On January 13, 2012, the Texas Commission on Environmental Quality (TCEQ) received your request for an extension of time to commence regulated activities related to the above referenced WPAP approval. The request has been reviewed for compliance with 30 TAC §213.4(h) and §213.13 which set forth the procedures for requesting an extension of time to commence regulated activities authorized by the approval and was found to be in general agreement with these procedures. Therefore, the request for an extension to the term of approval for the referenced project is granted. A summary of the dates of approval and expiration are as follows:

Date of Original Approval:	July 29, 2008		
Date of Expiration:	July 29, 2010		
Date Extension Request Received	Date of Extension Expiration		
July 22, 2010	January 29, 2011		
January 28, 2011	July 29, 2011		
July 11, 2011	January 29, 2012		
January 13, 2012	July 29, 2012		

REPLY TO: REGION 13 • 14250 JUDSON RD. • SAN ANTONIO, TEXAS 78233-4480 • 210-490-3096 • FAX 210-545-4329

RECEIVED MAR 0 7 2012 COUNTY ENGINEER

Mr. Scott Turpin February 29, 2012 Page 2

.

The request and fee were received in compliance with 30 TAC §213.4(h) and §213.13. As indicated in the rules, an extension may not be granted if the proposed regulated activities or approved plan for the regulated activities have changed. As understood, there will be no changes or modifications to the originally approved plan. This request for extension expires on July 29, 2012. Should construction not commence before the end of the six (6) month period, another request for extension would be required to keep the Edwards Aquifer Protection Plan validated.

If you have any questions or require additional information, please contact Charly Fritz of the Edwards Aquifer Protection Program with the San Antonio Office at (210) 403-4065.

Sincerely,

The MA For

Mark R. Vickery, P.G., Executive Director Texas Commission on Environmental Quality

MRV/CEF/eg

cc: Mr. Karl Dreher, General Manager, Edwards Aquifer Authority Mr. James Klein, P.E., City of New Braunfels Mr. Thomas Hornseth, P.E., Comal County TCEQ Central Records, Building F, MC 212
#### Extension Request for an **Edwards Aquifer Protection Plan** Relating to 30 TAC §213.4(g) Effective June 1, 1999

RECEIVED

FEB 0 1 2012

COUNTY ENGINEER

G ō

Regulated Entity information. If requested by an agent, attach the agent authorization form. 1.

T Dur III, IIIO.	
T Bar M, Inc.	WPAP
Scott Turpin	
T Bar M, Inc.	
2549 Highway 46 West	
New Braunfels, TX	Zip:78132-4731
830-625-7738	FAX: <u>830-608-1765</u>
	Zip: FAX:
	T Bar M, Inc. Scott Turpin T Bar M, Inc. 2549 Highway 46 West New Braunfels, TX 830-625-7738

2. x ATTACHMENT A - Approval Letter or Extension Approval. Attach a copy of the last approval letter or the last approved extension. Date of letter: September 15, 2011

Expiration date: January 29, 2012

Regulated Entity Name: T Bar M Inc.

- 3. x This extension request is submitted not earlier than sixty (60) days prior to the expiration date of an approved Edwards Aquifer protection plan or a previously approved extension.
- 4. x A completed fee form is attached. The fee for a six-month extension of time is \$150.

Scott Turpin	
Print Name of Customer/Agent	1
MILMAN	<i>x</i>
MAN AND	1.23.12
Signature of Customer/Agent	Date

If you have questions on how to fill out this form or about the Edwards Aquifer protection program, please contact us at 210/490-3096 for projects located in the San Antonio Region or 512/339-2929 for projects located in the Austin Region. 20

Individuals are entitled to request and review their personal information that the agency gathers on its forms. They may also have any errors con in their information corrected. To review such information, contact us at 512/239-3282. JAN 25 AM II: Z 70 m

(Transp.	and a	-	-	-	-	
	and a		Long.	11	1	1
	-	5		1.8	ε.	1000

Texas Commission on Environmental Quality Edwards Aquifer Protection Program Application Fee Form

FEB 0 1 2012 COUNTY ENGINEER

NAME OF PROPOSED REGULATED ENTITY: T Bar REGULATED ENTITY LOCATION: 2549 Hwy 46 1 NAME <sup>2</sup> OF CUSTOMER: T Bar M, Inc.	M, Inc. Nest, New Braunfel	s, TX 78132
CONTACT PERSON: <u>Scott Turpin</u> (Please Print)	PHONE: 830-	-625-7738
Customer Reference Number (if issued): CN 600	<u>691752</u> (nine	e digits)
Regulated Entity Reference Number (if issued): RN 102	745502 (nine	e digits)
Austin Regional Office (3373)	Travis 🗌 Williamson	
San Antonio Regional Office (3362) 🔲 Bexar 🛛	Comal 🗌 Medina 🗌	Kinney 🗌 Uvalde
Application fees must be paid by check, certified check, o <b>Environmental Quality</b> . Your canceled check will serve <b>your fee payment</b> . This payment is being submitted to (C	r money order, payable to the as your receipt. <b>This form</b> i Check One):	e Texas Commission on must be submitted with
Austin Regional Office	🖄 San Antonio Regional Of	fice
Mailed to TCEQ: TCEQ – Cashier Revenues Section Mail Code 214 P.O. Box 13088 Austin, TX 78711-3088	Overnight Delivery to TC TCEQ - Cashier 12100 Park 35 Circle Building A, 3rd Floor Austin, TX 78753 512/239-1278	EQ:
Site Location (Check All That Apply): CRecharge Zon	e 🗌 Contributing Zone	Transition Zone
Type of Plan	Size	Fee Due
Water Pollution Abatement Plan, Contributing Zone Plan: One Single Family Residential Dwelling	Acres	\$
Water Pollution Abatement Plan, Contributing Zone Plan: Multiple Single Family Residential and Parks	Acres	\$
Water Pollution Abatement Plan, Contributing Zone Plan: Non-residential	<ul> <li>Acres</li> </ul>	\$
Sewage Collection System	L.F.	\$
Lift Stations without sewer lines	Acres	\$
Underground or Aboveground Storage Tank Facility	Tanks	\$
Piping System(s)(only)	Each	\$
Exception	Each	\$
Extension of Time	Each	<b>\$</b> 150
Xultaxurs-	1.23.12	

If you have questions on how to fill out this form or about the Edwards Aquifer protection program, please contact us at 210/490-3096 for projects located in the San Antonio Region or 512/339-2929 for projects located in the Austin Region.

Individuals are entitled to request and review their personal information that the agency gathers on its forms. They may also have any errors in their information corrected. To review such information, contact us at 512/239-3282.

.

,

#### Texas Commission on Environmental Quality Edwards Aquifer Protection Program Application Fee Schedule 30 TAC Chapter 213 (effective 05/01/2008)

# FEB 0 1 2012

CULNTY ENGINEER

#### Water Pollution Abatement Plans and Modifications Contributing Zone Plans and Modifications

PROJECT	PROJECT AREA IN ACRES	FEE
One Single Family Residential Dwelling	< 5	\$650
Multiple Single Family Residential and Parks	< 5 5 < 10 10 < 40 40 < 100 100 < 500 ≥ 500	\$1,500 \$3,000 \$4,000 \$6,500 \$8,000 \$10,000
Non-residential (Commercial, industrial, institutional, multi-family residential, schools, and other sites where regulated activities will occur)	<pre>&lt; 1 1 &lt; 5 5 &lt; 10 10 &lt; 40 40 40 &lt; 100 ≥ 100</pre>	\$3,000 \$4,000 \$5,000 \$6,500 \$8,000 \$10,000

1

#### Organized Sewage Collection Systems and Modifications

PROJECT	COST PER LINEAR FOOT	MINIMUM FEE MAXIMUM FEE
Sewage Collection Systems	\$0.50	\$650 - \$6,500

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

PROJECT	COST PER TANK OR PIPING SYSTEM	MINIMUM FEE MAXIMUM FEE
Underground and Aboveground Storage Tank Facility	\$650	\$650 - \$6,500

#### **Exception Requests**

PROJECT	FEE
Exception Request	\$500

#### Extension of Time Requests

PROJECT	FEE
Extension of Time Request	\$150



TCEQ Use Only

# **TCEQ Core Data Form**

For detailed inst	tructions regarding completion of	this form, ple	ease read th	e Core D	ata Form Instructions or	call 512-239	SITS CEIVED
SECTION I: General	I Information						t time of the 1 V. La to
1. Reason for Submission (	(If other is checked please des	scribe in spa Sorm should	ice provide	ed)	the program applicati	opl	FEB 0 1 2012
							NUMBER PRIMA
2 Attachments Descr	ribo Any Attachmonts: (or	Title V Applie	orm)		er	cc	UNIY ENGINEER
	The Any Allaciments. (ex.	Tille v Applic	allon, wash	e manspo	ner Application, etc.)		
3 Customer Reference Num	her (if issued)	Now this link	to search	A Rec	ulated Entity Refere	nce Numb	ar (if issuad)
CN (00(01752	for	CN or RN nu	umbers in				
CN 000091/52		Central Reg	istry**	RN	102/45502		
SECTION II: Custon	ner Information		1				
5. Effective Date for Custome	er Information Updates (mm	/dd/yyyy)					
6. Customer Role (Proposed or	r Actual) - as it relates to the Rec	ulated Entity	listed on th	is form. P	lease check only <u>one</u> of	the following	:
	Operator	Owne	r & Operat	or	_		
Occupational Licensee	Responsible Party	U Voluni	tary Clean	up Applie	cant Other:		
7. General Customer Informa	ation						;
New Customer	🖂 Update	e to Custom	er Informa	tion	Change in	Regulated	Entity Ownership
Change in Legal Name (Ver	rifiable with the Texas Secreta	ary of State)			No Chang	<u>e**</u>	
**If "No Change" and Section	n I is complete, skip to Secti	<u>on III – Reg</u>	ulated En	tity info	rmation.		
8. Type of Customer:	Corporation	🗌 Individ	dual		Sole Proprietors	nip- D.B.A	
City Government	County Government	Federal Government			State Government		
Other Government	General Partnership	Limited Partnership					
9. Customer Legal Name (If a	n individual, print last name first:	ex: Doe, Johi	n) <u>If n</u> bel	<u>ew Custo ow</u>	omer, enter previous C	<u>ustomer</u>	End Date:
T Bar M, Inc., Attn: Sc	ott Turpin						
2549 Highw	vav 46 West						
10. Mailing			د: ه				
Address:			v  .			710 . 4	4721
City New	Braunfels				8132	ZIP + 4	4/31
11. Country Mailing Informati	ion (if outside USA)		12. E-I	Mail Add	ress (if applicable)		
13 Telephone Number	14 F	vtension o	sturp	in@tb	15 Fax Numbe	r (if annlica	hle)
( 830 ) 625 7738		Atension o	louc			1765	~
16. Federal Tax ID (9 digits) 1	7. TX State Franchise Tax II	) (11 digits)	18. DUN	IS Num	per(if applicable) 19. T	X SOS Filin	g Number (if applicable)
74-165888 1	7416588857						
20. Number of Employees					21. Independ	dently Own	ed and Operated?
0-20 21-100 1	101-250 🗌 251-500 🗌	] 501 and hi	gher			Yes	□ No
SECTION III: Regula	ated Entity Informa	ation					
22. General Regulated Entity	Information (If 'New Regulat	ed Entity" is	selected I	below thi	s form should be acco	ompanied by	a permit application)
New Regulated Entity	Update to Regulated Entity	Name	Update	to Regul	ated Entity Information	n 🛛 N	o Change** (See below)
	**If "NO CHANGE" is checked and	Section I is c	omplete, ski	p to Secti	on IV, Preparer Informatio	on.	
23. Regulated Entity Name (n	ame of the site where the regulat	ed action is t	aking place,	)			

T Bar M, Inc.

24. Street Address of the Regulated	254	9 Hwy 46 W	est							RECEIV
Entity: (No P.O. Boxes)	City	New Braur	fels	State	ТХ	ZIP	78132		ZIP + 4	FEB 0 1 20
1925. St.	San	ne		L					CO	UNIY ENGI
25. Mailing Address:										
	City			State		ZIP			ZIP + 4	
26. E-Mail Address:	st	urpin@tbarm	.com							
27. Telephone Number	er			28. Extensio	n or Code	29.	Fax Num	per (if applicable)		
(830) 625-7738	3					( 8	30)60	3-1765		
30. Primary SIC Code	(4 digits	) 31. Second	ary SIC	Code (4 digits)	32. Primary (5 or 6 digits)	NAICS	Code	33. Secon (5 or 6 digits)	dary NAICS	Code
7011		7999			721214			71394		
34. What is the Prima	ry Bus	iness of this ent	ity? (F	Please do not rep	eat the SIC or N	AICS de	scription.)			
resort, sports faci	ility, r	neeting and c	lining	facility						
G	uestio	ns 34 – 37 addre	ss geog	raphic locatio	n. Please refe	r to the	instructio	ons for applic	ability.	
35. Description to Physical Location:	sou	th side of SH	46, 1/2	2 mile north	nwest of the	inter	section o	of FM 1863	3	
36. Nearest City				County			State		Nearest	ZIP Code
New Braunfels				Comal			ГХ		78132	:
37. Latitude (N) In D	ecimal	: 29.72416	7		38. Longit	ude (W	) In Dec	imal: 98.1	86944	
Degrees	Minutes		Second	s	Degrees		Minu	tes	Seco	nds
29	43		27		98		11		13	
9. TCEQ Programs an	d ID N	umbers Check all P	rograms a	nd write in the perr nd write it in. See th	nits/registration num	nbers tha	t will be affec	ted by the updates	s submitted on	this form or the
Dam Safety		Districts		Edwards	Aquifer		ndustrial Haz	ardous Waste	Munic	ipal Solid Waste
New Source Review	- Air	OSSF		Petroleun	n Storage Tank	P	WS		Sludg	e
Stormwater		Title V – Air		Tires			Jsed Oil		Utilit	es
					24 - 14					
U Voluntary Cleanup		Waste Water		U Wastew	vater Agriculture		Water Rights		Other:	

#### **SECTION IV: Preparer Information**

40. Name:	Kelly Baile	у		41. Title:	Executive Assistant	
42. Telephon	e Number	43. Ext./Code	44. Fax Number	45. E-Mail	Address	eige.
(830)625	5-7738	207	(830)608-1765	kelly@t	barm.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 9 and/or as required for the updates to the ID numbers identified in field 39.

(See the Core Data Form instructions for more information on who should sign this form.)

Company:	T Bar M, Inc.	Job Title:	Owner		
Name(In Print) :	Scott Turpin			Phone:	(830)625-7738
Signature:	XIIIta ruz:			Date:	1/19/2012

Bryan W. Shaw, Ph.D., *Chairman* Buddy Garcia, *Commissioner* Carlos Rubinstein, *Commissioner* Mark R. Vickery, P.G., *Executive Director* 



FEB 0 1 2012

## **TEXAS COMMISSION ON ENVIRONMENTAL QUALITY**

Protecting Texas by Reducing and Preventing Pollution

August 30, 2011

Mr. Scott Turpin T Bar M, Inc. 8201 Preston Rd. Dallas, Texas 75225

Re: Edwards Aquifer, Comal County

NAME OF PROJECT: T Bar M; Located on the south side of SH 46 West approximately 0.5 miles north of FM 1863 and SH 46; New Braunfels, Texas

TYPE OF PLAN: Request for Extension of Time to Commence Regulated Activities Authorized by a Water Pollution Abatement Plan (WPAP); 30 Texas Administrative Code (TAC) Chapter 213 Edwards Aquifer

Edwards Aquifer Protection Program File No. 1899.04, Investigation No. 937673, Regulated Entity Number: RN102745502

#### Dear Mr. Turpin:

On July 11, 2011, the Texas Commission on Environmental Quality (TCEQ) received your request for an extension of time to commence regulated activities related to the above referenced WPAP approval. The request has been reviewed for compliance with 30 TAC §213.4(h) and §213.13 which set forth the procedures for requesting an extension of time to commence regulated activities authorized by the approval and was found to be in general agreement with these procedures. Therefore, the request for an extension to the term of approval for the referenced project is granted. A summary of the dates of approval and expiration is as follows.

Date of Original Approval:	July 29, 2008		
Date of Expiration:	July 29, 2010		
Date Extension Request Received	Date of Extension Expiration		
July 22, 2010	January 29, 2011		
January 28, 2011	July 29, 2011		
July 11, 2011	January 29, 2012		

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

Mr. Scott Turpin August 30, 2011 Page 2

# FEB 0 1 2012

The request and fee were received in compliance with 30 TAC §213.4(h) and §213.13. As indicated in the rules, an extension may not be granted if the proposed regulated activity or approved plan for the regulated activity has changed. As understood, there will be no changes or modifications to the originally approved plan. This request for extension expires on January 29, 2012. Should construction not commence before the end of the six (6) month period, another request for extension would be required to keep the Edwards Aquifer Protection Plan validated.

If you have any questions or require additional information, please contact Javier Anguiano of the Edwards Aquifer Protection Program with the San Antonio Regional Office at (210) 490-3096.

Sincerely,

The Mor

Mark R. Vickery, P.G., Executive Director Texas Commission on Environmental Quality

MRV/JA/eg

cc: Mr. James C. Klein, P.E., City of New Braunfels Mr. Thomas Hornseth, P.E., Comal County Mr. Karl J. Dreher, Edwards Aquifer Authority TCEQ Central Records, Building F, MC 212

Copy 4

#### **Edwards Aquifer Protection Plan Extension Request**

- Extension Request for a Water Pollution Prevention Plan (TCEQ-10260)
- ATTACHMENT A Approval Letter or Extension Approval
- Agent Authorization Form (TCEQ-0599), if application submitted by agent \_\_\_\_
  - Application Fee Form (TCEQ-0574)
  - Check Payable to the "Texas Commission on Environmental Quality"
- × × × Core Data Form (TCEQ-10400)

51

X X



2011 JUL 11 PH 12: 25 REGION

 $\Phi_{\rm eff}$ 

#### Extension Request for an Edwards Aquifer Protection Plan Relating to 30 TAC §213.4(g) Effective June 1, 1999

1. Regulated Entity information. If requested by an agent, attach the agent authorization form.

Regulated Entity Name: T Bar M, Inc.

Customer (Applicant):	T Bar M, Inc.		
Contact Person:	Scott Turpin		
Entity:	T Bar M, Inc.		
Mailing Address:	8201 Preston Rd.		
City, State:	Dallas, TX	Zip: 75225	
Telephone:	214-692-4254	FAX: 830-608-176	5
Agent:			
Contact Person:		***************************************	
Mailing Address:			
City, State:		Zip:	
Telephone:		FAX:	
. –			

- 2. <u>x</u> ATTACHMENT A Approval Letter or Extension Approval. Attach a copy of the last approval letter or the last approved extension. Date of letter: <u>March 15, 2011</u> Expiration date: July 29, 2011
- 3. <u>x</u> This extension request is submitted not earlier than sixty (60) days prior to the expiration date of an approved Edwards Aquifer protection plan or a previously approved extension.
- 4. x A completed fee form is attached. The fee for a six-month extension of time is \$150.

Scott Turpin Print Name of Customer/Agent

Signature of Customer/Agent

7-8-11

Sm

ACE

m

GZ

0

EIVE

Ó

JUL

If you have questions on how to fill out this form or about the Edwards Aquifer protection program, please contact us at 210/490-3096 for projects located in the San Antonio Region or 512/339-2929 for projects located in the Austin Region.

Individuals are entitled to request and review their personal information that the agency gathers on its forms. They may also have any errors in their information corrected. To review such information, contact us at 512/239-3282.



Bryan W. Shaw, Ph.D., Chairman TEXAS COMMISSION ON ENVIRONMENTAL QUALITY Buddy Garcia, Commissioner Carlos Rubinstein, Commissioner Mark R. Vickery, P.G., Executive Director

Protecting Texas by Reducing and Preventing Pollution March 15, 2011

Mr. Scott Turpin T Bar M, Inc. 8201 Preston Rd. Dallas, Texas 75225

Re:

NAME OF PROJECT: T Bar M; Located on the south side of SH 46 West approximately <u>Edwards Aquifer</u>, Comal County 0.5 miles north of FM 1863 and SH 46; New Braunfels, Texas TYPE OF PLAN: Request for Extension of Time to Commence Regulated Activities Authorized by a Water Pollution Abatement Plan (WPAP); 30 Texas Administrative Code

(TAC) Chapter 213 Edwards Aquifer Edwards Aquifer Protection Program File No. 1899.03, Investigation No. 894489,

Regulated Entity Number: RN102745502

Dear Mr. Turpin:

On January 28, 2011, the Texas Commission on Environmental Quality (TCEQ) received your On January 20, 2011, the Texas Commission on an antivities related to the above request for an extension of time to commence regulated activities related to the above request for an extension of time to commence regulation reviewed for compliance with 30 TAC referenced WPAP approval. The request has been reviewed for compliance with 30 TAC §213.4(h) and §213.13 which set form the proval and was found to be in general commence regulated activities authorized by the approval and was found to be in general commence regulated activities authorneed of the request for an extension to the term of agreement with these procedures. Therefore, the request for an extension to the term of agreement with these procedures. In granted. A summary of the dates of approval and expiration is as follows.

Date of Original Approval:	July 20, 2008
Date of Expiration:	5-51 2008
Date Extension Request Received	Data (T
July 22, 2010	vale of Extension Expire
January 28, 2011	anuary
The request and fee were received in compliance windicated in the rules, an extension may not be gran REPLY TO: RECION 13 • 1425 JUDSON RD. • SAN ANTONIO, TEX P.O. Box 13087 • Austin Texas 78711-3087	thac \$213.44 and \$219 180 180 180

Bryan W. Shaw, Ph.D., *Chairman* Buddy Garcia, *Commissioner* Carlos Rubinstein, *Commissioner* Mark R. Vickery, P.G., *Executive Director* 



#### **TEXAS COMMISSION ON ENVIRONMENTAL QUALITY**

Protecting Texas by Reducing and Preventing Pollution

March 15, 2011

Mr. Scott Turpin T Bar M, Inc. 8201 Preston Rd. Dallas, Texas 75225

Re: Edwards Aquifer, Comal County

NAME OF PROJECT: T Bar M; Located on the south side of SH 46 West approximately 0.5 miles north of FM 1863 and SH 46; New Braunfels, Texas

TYPE OF PLAN: Request for Extension of Time to Commence Regulated Activities Authorized by a Water Pollution Abatement Plan (WPAP); 30 Texas Administrative Code (TAC) Chapter 213 Edwards Aquifer

Edwards Aquifer Protection Program File No. 1899.03, Investigation No. 894489, Regulated Entity Number: RN102745502

Dear Mr. Turpin:

On January 28, 2011, the Texas Commission on Environmental Quality (TCEQ) received your request for an extension of time to commence regulated activities related to the above referenced WPAP approval. The request has been reviewed for compliance with 30 TAC §213.4(h) and §213.13 which set forth the procedures for requesting an extension of time to commence regulated activities authorized by the approval and was found to be in general agreement with these procedures. Therefore, the request for an extension to the term of approval for the referenced project is granted. A summary of the dates of approval and expiration is as follows.

Date of Original Approval:	July 29, 2008	
Date of Expiration:	July 29, 2010	
Date Extension Request Received	Date of Extension Expiration	
July 22, 2010	January 29, 2011	
January 28, 2011	July 29, 2011	

The request and fee were received in compliance with 30 TAC §213.4(h) and §213.13. As indicated in the rules, an extension may not be granted if the proposed regulated activity or

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

P.O. Box 13087 • Austin, Texas 78711-3087 • 512-239-1000 • Internet address: www.tceq.state.tx.us

#### Extension Request for an Edwards Aquifer Protection Plan Relating to 30 TAC §213.4(g) Effective June 1, 1999

1. Regulated Entity information. If requested by an agent, attach the agent authorization form.

Customer (Applicant): T Bar M, Inc. Contact Person: Scott Turpin Entity: T Bar M, Inc. Mailing Address: 8201 Preston Rd. City, State: Dallas, TX Zip: 75225 214-692-4254 Telephone: FAX: 830-608-1765 Agent: Contact Person: Mailing Address: City, State: Zip: Telephone: FAX: 3 4 2. x ATTACHMENT A - Approval Letter or Extension Approval. Attach a copy of the last approval letter or the last approved extension. Ą

Date of letter:	March 15, 2011
Expiration date	e: July 29, 2011

.

- 3. <u>x</u> This extension request is submitted not earlier than sixty (60) days prior to the expiration date of an approved Edwards Aquifer protection plan or a previously approved extension.
- 4. <u>x</u> A completed fee form is attached. The fee for a six-month extension of time is \$150.<sup>3</sup>

Scott Turpin
Print Name of Customer/Agent
Xuttaring.
Signature of Customer/Agent

Regulated Entity Name: T Bar M, Inc.

-8-11



If you have questions on how to fill out this form or about the Edwards Aquifer protection program, please contact us at 210/490-3096 for projects located in the San Antonio Region or 512/339-2929 for projects located in the Austin Region.

Individuals are entitled to request and review their personal information that the agency gathers on its forms. They may also have any errors in their information corrected. To review such information, contact us at 512/239-3282.

17

Mr. Scott Turpin March 15, 2011 Page 2

approved plan for the regulated activity has changed. As understood, there will be no changes or modifications to the originally approved plan. This request for extension expires on July 29, 2011. Should construction not commence before the end of the six (6) month period, another request for extension would be required to keep the Edwards Aquifer Protection Plan validated.

If you have any questions or require additional information, please contact Javier Anguiano of the Edwards Aquifer Protection Program with the San Antonio Regional Office at (210) 490-3096.

Sincerely,

Mark R. Vickery, P.G., Executive Director Texas Commission on Environmental Quality

MRV/JA/eg

cc:

Mr. James C. Klein, P.E., City of New Braunfels Mr. Thomas Hornseth, P.E., Comal County Mr. Karl J. Dreher, Edwards Aquifer Authority TCEQ Central Records, Building F, MC 212 Mr. Scott Turpin March 15, 2011 Page 2

approved plan for the regulated activity has changed. As understood, there will be no changes or modifications to the originally approved plan. This request for extension expires on July 29, 2011. Should construction not commence before the end of the six (6) month period, another request for extension would be required to keep the Edwards Aquifer Protection Plan validated.

If you have any questions or require additional information, please contact Javier Anguiano of the Edwards Aquifer Protection Program with the San Antonio Regional Office at (210) 490-3096.

Sincerely,

Mark R. Vickery, P.G., Executive Director Texas Commission on Environmental Quality

MRV/JA/eg

cc:

Mr. James C. Klein, P.E., City of New Braunfels Mr. Thomas Hornseth, P.E., Comal County Mr. Karl J. Dreher, Edwards Aquifer Authority TCEQ Central Records, Building F, MC 212

.\*

#### Texas Commission on Environmental Quality Edwards Aquifer Protection Program Application Fee Form

NAME OF PROPOSED REGULATED I REGULATED ENTITY LOCATION: 2 NAME OF CUSTOMER: T Bar M, CONTACT PERSON: Scott Tur (Please Print)	ENTITY: <u>T Ba</u> 549 Hwy 46 Inc. pin	r M, In West, I PI	New Brau HONE:	unfels 214-	5, TX 692-4	78132 254	
Customer Reference Number (if	issued): CN 60	0691752		(nine	digits)		
Regulated Entity Reference Number (if	issued): RN <u>10</u>	2745502		(nine	digits)		
Austin Regional Office (3373)	🗌 Hays 🗌	Travis	🗋 Williar	nson			
San Antonio Regional Office (3362)	🗌 Bexar [ 🖸	Comal	Medin	a 🗌	Kinney	Uvald	le
Application fees must be paid by check Environmental Quality. Your cancele your fee payment. This payment is be	a, certified check, and check will serve and check will serve aing submitted to (	or money o e as your re Check One	rder, payab eceipt. <b>Thi</b> e):	ile to the <b>s form r</b>	Texas nust be	Commissio submitted	n on with
Austin Regional C	Office	🛛 San Ai	ntonio Reg	ional Of	fice		
Mailed to TCEQ: TCEQ – Cashier Revenues Section Mail Code 214 P.O. Box 13088 Austin, TX 78711-3 Site Location (Check All That Apply)	3088 :                Recharge Zc	Overni TCEQ 12100 Buildin Austin, 512/23 one	<b>ght Delive</b> - Cashier Park 35 Cir g A, 3rd Flo TX 78753 9-1278 Contributing	r <b>y to TC</b> cle oor Zone	EQ:	۱ Transition Z	Žone
Type of Plan			Size	Sine's		Fee Due	
Water Pollution Abatement Plan, Con Plan: One Single Family Residential I	itributing Zone Dwelling			Acres	\$		
Water Pollution Abatement Plan, Cor Plan: Multiple Single Family Resident	tributing Zone			Acres	\$		
Water Pollution Abatement Plan, Cor Plan: Non-residential	tributing Zone			Acres	\$		
Sewage Collection System				L.F.	\$		
Lift Stations without sewer lines				Acres	\$		
Underground or Aboveground Storag	je Tank Facility			Tanks	\$		
Piping System(s)(only)				Each	\$		
Exception				Fach	\$		

Extension of Time

Signature

-8-11 Date

Each

If you have questions on how to fill out this form or about the Edwards Aquifer protection program, please contact us at 210/490-3096 for projects located in the San Antonio Region or 512/339-2929 for projects located in the Austin Region.

Individuals are entitled to request and review their personal information that the agency gathers on its forms. They may also have any errors in their information corrected. To review such information, contact us at 512/239-3282.

TCEQ-0574 (Rev. 4/25/08)

9. 9

150

\$

.

#### Texas Commission on Environmental Quality Edwards Aquifer Protection Program Application Fee Schedule 30 TAC Chapter 213 (effective 05/01/2008)

#### Water Pollution Abatement Plans and Modifications Contributing Zone Plans and Modifications

PROJECT	PROJECT AREA IN ACRES	FEE
One Single Family Residential Dwelling	< 5	\$650
Multiple Single Family Residential and Parks	< 5 5 < 10 10 < 40 40 < 100 100 < 500 ≥ 500	\$1,500 \$3,000 \$4,000 \$6,500 \$8,000 \$10,000
Non-residential (Commercial, industrial, institutional, multi-family residential, schools, and other sites where regulated activities will occur)	<pre>&lt; 1 1 &lt; 5 5 &lt; 10 10 &lt; 40 40 40 &lt; 100 ≥ 100</pre>	\$3,000 \$4,000 \$5,000 \$6,500 \$8,000 \$10,000

,

Organized Sewage Collection Systems and Modifications				
PROJECT	COST PER LINEAR FOOT	MINIMUM FEE MAXIMUM FEE		
Sewage Collection Systems	\$0.50	\$650 - \$6,500		

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

PROJECT	COST PER TANK OR PIPING SYSTEM	MINIMUM FEE MAXIMUM FEE
Underground and Aboveground Storage Tank Facility	\$650	\$650 - \$6,500

#### **Exception Requests**

PROJECT	FEE
Exception Request	\$500

#### **Extension of Time Requests**

PROJECT	FEE
Extension of Time Request	\$150

12

.\*

I DALIVI, INC. VENDOR NO: 9534		NAME: TEXAS COMMISSION		CHECK DATE: 7/7/2	40023
• REFERÊNCE 070711	INV DATE 7/7/2011	INV DESCRIPTION 6324-08-06	GROSS AMOUNT 150.00	DISCOUNT TAKEN 0.00	NET AMOUNT PAID 150.00
		TOTAL >	150.00	0.00	150.00

	THIS CHECK IS VOID WITHOUT A BLUE & RE	ED BACKGROUND AND A TRUE WATERMARK - HOLD UP TO	THE LIGHT TO VERIFY			
T Bar M, Inc. 2549 Hwy 46 W New Braunfels, TX 78132-3725 (830) 625-7738		Bar M, Inc.Chase Bank of Texas - New BraunfelI9 Hwy 46 W111 West San Antonio Streetw Braunfels, TX 78132-372532-115/11100) 625-773832-115/1110				
			AMOUNT *** 150.00			
PAY	One Hundred Fifty and 00/100******					
TO THE ORDER OF	TEXAS COMMISSION On Environmental Quality 14250 Judson Road San Antonio, TX 78233 USA CHECK IS PRINTED ON SECURITY F	PAPER WHICH INCLUDES A MICROPRINT BORDER & FLUORES	elembaile			

# "40023" #111000614" "05800246405"



TCEQ Use Only

# **TCEQ Core Data Form**

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

SECTION	<u>I I: Ge</u>	neral Information						
1. Reason fo	r Submis	sion (If other is checked please c	lescribe in	space pr	ovided)			
New Per	mit, Regis	tration or Authorization (Core Data	a Form sh	ould be su	ibmitted wi	th the program applicatio	(n)	
	(Core D	ata Form should be submitted with	the renew	val form)		Other		
2. Attachmer	its	Describe Any Attachments: (e.	x. Title V Aj	oplication,	Waste Trans	sporter Application, etc.)		
	<u>No</u>				1 2 5		<b>1 1</b>	11F 1
3. Customer	Referenc	e Number (it issued)	for CN or F	RN number	s in	legulated Entity Referen	nce Numbe	r (ir issued)
CN 6006	CN 600691752 Central Registry** RN 102745502							
SECTION	III: C	ustomer Information		1		•		•
5. Effective D	)ate for C	ustomer Information Updates (m	ım/dd/yyy	ry)				
6. Customer	Role (Pro	posed or Actual) - as it relates to the E	Regulated E	Entity listed	on this form	. Please check only <u>one</u> of	the following:	
Owner		Operator	⊠o	wner & O	perator			e e
	nal Licens	ee 🔄 Responsible Party		oluntary C	leanup Ap	plicant Other:		<u></u>
7. General C	ustomer l	nformation						1
New Cust	omer	Upc	late to Cus	stomer Inf	ormation	Change in	Regulated E	Entity Ownership
Change in	Legal Na	me (Verifiable with the Texas Secr	etary of St	ate)		No Change	<u>)**</u>	,
<u>**/f "No Char</u>	nge" and	Section I is complete, skip to Se	<u>ction III –</u>	Regulate	d Entity Ir	oformation.		4
8. Type of Cu	istomer:	Corporation	lr 🗌 Ir	ndividual		Sole Proprietorsh	iip- D.B.A	
City Gove	rnment	County Government	F	ederal Go	overnment	State Governmer	nt	
Other Go	vernment	General Partnership		imited Pa	rtnership	Other:		
9. Customer	Legal Na	me (If an individual, print last name fir	st: ex: Doe,	. John)	<u>lf new Cu below</u>	istomer, enter previous Cu	<u>istomer</u>	• End Date:
T Bar M,	lnc.							
	8201 H	Preston Rd			-			I
10. Mailing								
Address:	City	Dallac	Stato	TY	710	75225	710 + 4	
	Ony .	Dallas	Jiale				<u>_1</u>	
11. Country	Mailing In	formation (if outside USA)		1	2. E-Mail A	ddress (if applicable)		1688.9
13. Telephor	e Numbe	r 14	. Extensi	on or Coo	le	15. Fax Numbe	r (if applicat	ole)
(214)69	2-4254	L I				( 830 ) 608	-1765	,
16. Federal Tax ID (9 digits) 17. TX State Franchise Tax ID (11 digits) 18. DUNS Number (if applicable) 19. TX SOS Filing Number (if applicable)								
74-16588	3	17416588857						
20. Number of Employees 21. Independently Owned and Operated?								
□ 0-20								
SECTION III: Regulated Entity Information								
22. General Regulated Entity Information (If 'New Regulated Entity" is selected below this form should be accompanied by a permit application)								
New Regulated Entity Dpdate to Regulated Entity Name Dpdate to Regulated Entity Information No Change** (See below)								
	**If "NO CHANGE" is checked and Section I is complete, skip to Section IV, Preparer Information.							
23. Regulate	d Entity M	lame (name of the site where the reg	ulated actic	on is taking	place)			
T Bar M,	Inc.	1111000-0000-000-00-00-00-00-00-00-00-00						

3

24. Street Address of the Regulated	254	9 Hwy 46 We	est								
(No P.O. Boxes)	City	New Braun	fels	State	TX	ZIP	781	32		ZIP + 4	
	Sar	ne									
25. Mailing Address:											
	City			State		ZIP				ZIP + 4	
26. E-Mail Address:	st	urpin@tbarm	.com								
27. Telephone Numb	er			28. Extensio	n or Code	29.	Fax N	umber (if a	pplicable)		
(830)625-7738	3					(8	30)	620-601	.8		
30. Primary SIC Code	e (4 digit:	) 31. Seconda	ary SIC C	ode (4 digits)	32. Primary I (5 or 6 digits)	NAICS	Code	<b>33.</b> (5 or	Second 6 digits)	ary NAICS	Code
7011		7999			721214			71	394		
34. What is the Prima	ry Bus	iness of this ent	ity? (Pl	lease do not rep	eat the SIC or N	AICS de	scription	п.)			
resort, sports fac	ility,	meeting and d	lining f	acility							
C	uestic	ns 34 – 37 addre	ss geogr	raphic locatio	n. Please refe	r to the	e instru	uctions for	applica	bility.	
35. Description to Physical Location:	sou	th side of SH	46, 1/2	2 mile north	nwest of the	e inter	sectio	on of FM	1 1863	4	
36. Nearest City	_			County State		-	Nearest ZIP Code		ZIP Code		
New Braunfels				Comal		TX				78132	3
37. Latitude (N) In E	)ecima	: 29.72416	7		38. Longit	ude (W	') In	Decimal:	98.18	86944	
Degrees	Minute	5	Seconds		Degrees			Minutes		Seco	nds
29	43		27		98	11				13	·
39. TCEQ Programs ar updates may not be made. If	39. TCEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this form or the updates may not be made. If your Program is not listed, check other and write it in. See the Core Data Form instructions for additional guidance.										
Dam Safety	n Safety 🗌 Districts 🛛 Edwards Ac		Aquifer	quifer Industrial Hazardous Waste		Waste	ste Municipal Solid Waste				
							1				
New Source Review – Air OSSF Petroleum		n Storage Tank	ge Tank 🔲 PWS			Sludge					
Stormwater		Title V – Air	Tires				Used O	il		Utiliti	es
Voluntary Cleanur	)	Waste Water	_	U Waster	water Agriculture	ire Uwater Rights				Other:	

# **SECTION IV: Preparer Information**

40. Name:	Kelly Baile	у		41. Title:	Accounting
42. Telephon	e Number	43. Ext./Code	44. Fax Number	45. E-Mail /	Address
(830)625	5-7738	207	(830)608-1765	kelly@tb	parm.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 9 and/or as required for the updates to the ID numbers identified in field 39.

#### (See the Core Data Form instructions for more information on who should sign this form.)

Company:	T Bar M, Inc.	Job Title:	Owner		
Name(In Print) :	Scott Tupp			Phone:	(214)692-4254
Signature:	Alta Auri			Date:	7/8/2011
	$\bigcirc$				

Bryan W. Shaw, Ph.D., *Chairman* Carlos Rubinstein, *Commissioner* Toby Baker, *Commissioner* Zak Covar, *Executive Director* 



# TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

February 4, 2013

Mr. Scott Turpin T Bar M, Inc. 2549 Highway 46 West New Braunfels, Texas 78132 RECEIVED FEB 1 9 2013 COUNTY ENGINEER

Re: Edwards Aquifer Protection Program, Comal County

NAME OF PROJECT<mark>: T Bar M;</mark> located 0.5 miles north of FM 1863 on the south side of Highway 46; New Braunfels, Texas.

TYPE OF PLAN: Request for Extension of Time to Commence Regulated Activities Authorized by a Water Pollution Abatement Plan (WPAP); 30 Texas Administrative Code (TAC) Chapter 213 Edwards Aquifer

Edwards Aquifer Protection Program File No. 1899.07, Investigation No. 1055417 Regulated Entity Number: RN102745502

Dear Mr. Turpin:

On January 14, 2013, the Texas Commission on Environmental Quality (TCEQ) received your request for an extension of time to commence regulated activities related to the above referenced WPAP approval. The request has been reviewed for compliance with 30 TAC §213.4(h) and §213.13 which set forth the procedures for requesting an extension of time to commence regulated activities authorized by the approval and was found to be in general agreement with these procedures. Therefore, the request for an extension to the term of approval for the referenced project is granted. A summary of the dates of approval and expiration are as follows:

Date of Original Approval:	July 29, 2008
Date of Expiration:	July 29, 2010
Date Extension Request Received	Date of Extension Expiration
July 22, 2010	January 29, 2011
January 28, 2011	July 29, 2011
July 11, 2011	January 29, 2012
January 13, 2012	July 29, 2012
July 27, 2012	January 29, 2013

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

Mr. Scott Turpin February 4, 2013 Page 2

January 14, 2013	July 29, 2013
2.25 1.04 6-0.05	

The request and fee were received in compliance with 30 TAC §213.4(h) and §213.13. As indicated in the rules, an extension may not be granted if the proposed regulated activities or approved plan for the regulated activities have changed. As understood, there will be no changes or modifications to the originally approved plan. This request for extension expires on July 29, 2013. Should construction not commence before the end of the six (6) month period, another request for extension would be required to keep the Edwards aquifer Protection Plan validated.

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 Alex Grant of the Edwards Aquifer Protection Program of the San Antonio Regional Office at (210) 403-4035.

Sincerely,

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

LMB/AG/eg

cc: Mr. Octavio Garza, P.E., City of New Braunfels Mr. Tom Hornseth, P.E., Comal County Mr. Roland Ruiz, Edwards Aquifer Authority TCEQ Central Records, Building F, MC 212

JAN 24 2013

**COUNTY ENGINEER** 

#### **Extension Request for an Edwards Aquifer Protection Plan** Relating to 30 TAC §213.4(g) Effective June 1, 1999

1. Regulated Entity information. If requested by an agent, attach the agent authorization form.

Regulated Entity Name	: TBarM, Inc.	
Customer (Applicant): Contact Person:	T Bar M, Inc. Scott Turpin	
Entity: Mailing Address:	2549 Highway 46 West	Zin: 7 8122
Telephone:	830-625-7738	FAX: 830-608-1765
Agent: Contact Person: Mailing Address:		
City, State:		Zip:
Telephone:		FAX:

2. X ATTACHMENT A - Approval Letter or Extension Approval. Attach a copy of the last approval letter or the last approved extension. Date of letter: <u>September 2</u>] 2012 Expiration date: <u>January 29</u>, 2012

- 3. X This extension request is submitted not earlier than sixty (60) days prior to the expiration date of an approved Edwards Aquifer protection plan or a previously approved extension.
- 4. X A completed fee form is attached. The fee for a six-month extension of time is \$150.

Scott SCOH TWPIN

Signature of Customer/Agen



If you have questions on how to fill out this form or about the Edwards Aquifer protection program, please contact us at 210/490-3096 for projects located in the San Antonio Region or 512/339-2929 for projects located in the Austin Region.

Individuals are entitled to request and review their personal information that the agency gathers on its forms. They may also have any errors in their information corrected. To review such information, contact us at 512/239-3282.

Bryan W. Shaw, Ph.D., *Chairman* Carlos Rubinstein, *Commissioner* Toby Baker, *Commissioner* Zak Covar, *Executive Director* 



JAN 24 2013 COUNTY ENGINEER

# TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

September 21, 2012

Mr Scott Turpin T Bar M, Inc. 2549 Highway 46 W New Braunfels Tx 78132-4731

#### Re: Edwards Aquifer Protection Program, Comal County

NAME OF PROJECT: <u>T Bar M; Located</u> 0.5 mile north of FM 1863 on the south side of Hwy. 46, New Braunfels, Texas

TYPE OF PLAN: Request for Extension of Time to Commence Regulated Activities Authorized by a Water Pollution Abatement Plan (WPAP); 30 Texas Administrative Code (TAC) Chapter 213 Edwards Aquifer

Edwards Aquifer Protection Program File No. 1899.06, Investigation No. 1022399 Regulated Entity Number: RN102745502

Dear Mr. Turpin:

On July 27, 2012, the Texas Commission on Environmental Quality (TCEQ) received your request for an extension of time to commence regulated activities related to the above referenced WPAP approval. The request has been reviewed for compliance with 30 TAC §213.4(h) and §213.13 which set forth the procedures for requesting an extension of time to commence regulated activities authorized by the approval and was found to be in general agreement with these procedures. Therefore, the request for an extension to the term of approval for the referenced project is granted. A summary of the dates of approval and expiration is enclosed.

Date of Original Approval:	July 29, 2008
Date of Expiration:	July 29, 2010
Date Extension Request Received	Date of Extension Expiration
July 22, 2010	January 29, 2011
January 28, 2011	July 29, 2011
July 11, 2011	January 29, 2012

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

JAN 24 2013

Mr. Scott Turpin September 21, 2012 Page 2

January 13, 2012	July 29, 2012
July 27, 2012	January 29, 2013

The request and fee were received in compliance with 30 TAC §213.4(h) and §213.13. As indicated in the rules, an extension may not be granted if the proposed regulated activity or approved plan for the regulated activity has changed. As understood, there will be no changes or modifications to the originally approved plan. This request for extension expires on January 29, 2013. Should construction not commence before the end of the six (6) month period, another request for extension would be required to keep the Edwards Aquifer Protection Plan validated.

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 Yuliya Dunaway of the Edwards Aquifer Protection Program of the San Antonio Regional Office at 210-490-3096.

Sincerely,

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

LMB/YD/eg

cc: Mr. James C. Klein, P.E., City of New Braunfels Mr. Tom Hornseth, P.E., Comal County Mr. Roland Ruiz, Edwards Aquifer Authority TCEQ Central Records, MC 212

#### RECEIVED

JAN 24 2013

COUNTY ENGINEER

#### Texas Commission on Environmental Quality Edwards Aquifer Protection Program Application Fee Form

NAME OF PROPOSED REGULATED ENTITY: T Bar M, Inc. REGULATED ENTITY LOCATION: 2549 Hwy 46 West, New Braunfels, NAME OF CUSTOMER: T Bar M, Inc. CONTACT PERSON: <u>Scott Turpin</u> PHONE: <u>830-62</u> TX 78132 830-625-7738 (Please Print) (if issued): CN 600691752 (nine digits) **Customer Reference Number** 102745502 Regulated Entity Reference Number (if issued): RN (nine digits) Austin Regional Office (3373) Havs Travis ☐ Williamson San Antonio Regional Office (3362) Bexar X Comal Medina Kinnev Uvalde Application fees must be paid by check, certified check, or money order, payable to the Texas Commission on Environmental Quality. Your canceled check will serve as your receipt. This form must be submitted with your fee payment. This payment is being submitted to (Check One): Austin Regional Office San Antonio Regional Office Mailed to TCEQ: Overnight Delivery to TCEQ: TCEQ - Cashier TCEQ - Cashier 12100 Park 35 Circle Revenues Section Mail Code 214 Building A, 3rd Floor P.O. Box 13088 Austin, TX 78753 Austin, TX 78711-3088 512/239-1278 Site Location (Check All That Apply): Recharge Zone Contributing Zone Transition Zone Type of Plan Fee Due Size Water Pollution Abatement Plan, Contributing Zone Acres \$ Plan: One Single Family Residential Dwelling Water Pollution Abatement Plan, Contributing Zone Acres \$ Plan: Multiple Single Family Residential and Parks Water Pollution Abatement Plan, Contributing Zone Acres \$

Plan: Non-residential Sewage Collection System L.F. \$ Lift Stations without sewer lines \$ Acres Underground or Aboveground Storage Tank Facility Tanks \$ \$ Piping System(s)(only) Each Exception \$ Each 150 \$ Extension of Time Each

If you have questions on how to fill out this form or about the Edwards Aquifer protection program, please contact us at 210/490-3096 for projects located in the San Antonio Region or 512/339-2929 for projects located in the Austin Region.

Individuals are entitled to request and review their personal information that the agency gathers on its forms. They may also have any errors in their information corrected. To review such information, contact us at 512/239-3282.

JAN 2.4 2013

RECEIVED

#### Texas Commission on Environmental Quality Edwards Aquifer Protection Program Application Fee Schedule 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	<pre>&lt; 5 5 &lt; 10 10 &lt; 40 40 &lt; 100 100 &lt; 500 ≥ 500</pre>	\$1,500 \$3,000 \$4,000 \$6,500 \$8,000 \$10,000
Non-residential (Commercial, industrial, institutional, multi-family residential, schools, and other sites where regulated activities will occur)	< 1 1 < 5 5 < 10 10 < 40 40 < 100 ≥ 100	\$3,000 \$4,000 \$5,000 \$6,500 \$8,000 \$10,000

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

PROJECT	COST PER LINEAR FOOT	MINIMUM FEE MAXIMUM FEE
Sewage Collection Systems	\$0.50	\$650 - \$6,500

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

PROJECT	COST PER TANK OR PIPING SYSTEM	MINIMUM FEE MAXIMUM FEE
Underground and Aboveground Storage Tank Facility	\$650	\$650 - \$6,500

#### **Exception Requests**

PROJECT	FEE
Exception Request	\$500

#### Extension of Time Requests

PROJECT	FEE
Extension of Time Request	\$150

.



# **TCEQ Core Data Form**



For detail	ed instructions regarding completion of eral Information	this form, please read the Core E	ata Form Instructions or call 512-239-	5175. RECEIVED
1. Reason for Submissi	on (If other is checked please de	scribe in space provided)		IAN 9 4 2012
New Permit, Registr	ation or Authorization (Core Data )	Form should be submitted with	the program application)	JAN 24 2015
🛛 Renewal (Core Dat	ta Form should be submitted with th	he renewal form) 🗌 Oth	ner	COUNTY ENGINEER
2. Attachments	Describe Any Attachments: (ex.	Title V Application, Waste Transp	orter Application, etc.)	
□Yes □No				
3. Customer Reference	Number (if issued) Fo	llow this link to search 4. Re	gulated Entity Reference Numbe	r (if issued)
CN 6006917	52	Central Registry** RN	102745502	
SECTION II: Cus	stomer Information			
5. Effective Date for Cus	stomer Information Updates (mm	/dd/yyyy)		
6. Customer Role (Propo	sed or Actual) – as it relates to the <u>Rec</u>	ulated Entity listed on this form. F	Please check only <u>one</u> of the following:	
Owner	Operator     Responsible Party	Owner & Operator	cant Other:	
7. General Customer Inf	ormation			
		to Customer Information	Change in Regulated E	Intity Ownership
Change in Legal Name	Verifiable with the Texas Secreta	rv of State)	No Change**	
**If "No Change" and Se	ection I is complete, skip to Secti	on III – Regulated Entity Info	rmation.	
8. Type of Customer:	Corporation	Individual	Sole Proprietorship- D.B.A	
City Government	County Government	Federal Government	State Government	
Other Government	General Partnership	Limited Partnership	Other:	
9. Customer Legal Name	(If an individual, print last name first:	ex: Doe, John)	omer, enter previous Customer	End Date:
T Bar M. I	nc., Attn: Scott	Turpin		
	549 Highulan	the wlest		
10. Mailing	STITIGION	TONUS		
Address:				11
City IN	en prainfels s		+ 8132 ZIP+4	4131
11. Country Mailing Infor	mation (if outside USA)	12. E-Mail Add	ress (if applicable)	
40 Talanhana Number		Sturpir	10-tbarm.com	
13. Telephone Number	14, E	stension of Code		e)
16 Enderal Tay ID (197	) 17. TV State Franchise Tay ID	18 DUNS Numb	(030)600-1/6-	Number (Constantin)
74-165888	17416528857			
20. Number of Employee	s		21. Independently Owner	d and Operated?
0-20 21-100		501 and higher	☐ Yes	No
SECTION III: Reg	gulated Entity Informa	tion	· · · · · · · · · · · · · · · · · · ·	

# 22. General Regulated Entity Information (If 'New Regulated Entity" is selected below this form should be accompanied by a permit application) New Regulated Entity Update to Regulated Entity Name Update to Regulated Entity Information \*\*If "NO CHANGE" is checked and Section I is complete, skip to Section IV, Preparer Information.

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

24. Street Address	~	2549	Hiak	way	- 46	4.1.1	st			
of the Regulated			11-5-	0				-		
Entity: <u>(No P.O. Boxes)</u>	City	New Br	aune	State	TX	ZIP	78132	2	ZIP + 4	4731
		Same	シ							
25. Mailing Address:										RECEIVE
	City			State		ZIP			ZIP + 4	1411 0 4 20
26. E-Mail Address:	S	turpin	nett	arm	·com	<u>ו</u>				JAN 24 20
27. Telephone Numb	per	- 1 ·	28.	Extension	or Code	29.	Fax Number (if a	pplicable)		COUNTY ENGI
(830)625-7-	138					(8	30)608-1	765		
30. Primary SIC Cod	e (4 digits)	31. Second	ary SIC Code	e (4 digits)	32. Primary (5 or 6 digits)	NAICS	Code 33. (5 or	Second 6 digits)	lary NAICS	6 Code
7011		79	99		7212	+14		713	394	
34. What is the Prim	ary Busin	ess of this ent	ity? (Please	e do not repe	at the SIC or N	AICS des	cription.)			
Resort,	Spor	rts Fac	ility,	Mee-	ting o	end	Dining	2T	ccilit	Y
'(	Questions	34 - 37 addre	ss geograph	ic location	. Please refe	r to the	instructions for	applica	bility.	/
35. Description to	Solu	thside	) of S	5H 4	0, V2	mil	e Nort	hwe	st of	
Physical Location:	+	he int	er sect	ion	of t	-M	1863	_		
36. Nearest City			Co	unty		S	state		Nearest 2	ZIP Code
New Brai	infel	8		Com	al		TX		7813	32
37. Latitude (N) In E	Decimal:	29.	72416	7	38. Longit	ude (W)	In Decimal:	98.	1869	144
Degrees	Minutes		Seconds		Degrees		Minutes		Seco	nds
29	4	3	27	1	98	7	[]		(	3

39. TCEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this form or the updates may not be made. If your Program is not listed, check other and write it in. See the Core Data Form instructions for additional guidance.

Dam Safety	Districts	Edwards Aquifer	Industrial Hazardous Waste	Municipal Solid Waste
New Source Review - Air	OSSF	Petroleum Storage Tank	PWS	Sludge
Stormwater	Title V – Air	Tires	Used Oil	Utilities
Voluntary Cleanup	Waste Water	Wastewater Agriculture	Water Rights	Other:

#### **SECTION IV: Preparer Information**

40. Name:	Amy	Reynolds		41. Title:	Executive Assistant
42. Telephon	e Number	43. Ext./Code	44. Fax Number	45. E-Mail	Address
(830)625	- 7738	223	1830608 1765	am	up, tharm. com
<u> </u>					<u> </u>

#### **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 9 and/or as required for the updates to the ID numbers identified in field 39.

#### (See the Core Data Form instructions for more information on who should sign this form.)

Company:	TBar M, Inc.	Job Title:	sner	
Name(In Print) :	Scott Turpin		Phone:	1830625-7738
Signature:	Sute a man		Date:	1-8-13

TCEQ RESPONSE LETTER Comal ISD Smithson Valley High School Page 2 of 2

3.) TCEQ-10257, #13 and #14 (Attachment D), state that there are no factors/activities at the high school that would affect surface or groundwater quality. Please discuss whether work on the sanitary sewer, spills of automotive fluids, activities at the AG Barn, storage and use of chemicals, or other activities may affect stormwater quality. *Attachment D has been revised.* 

4.) TCEQ-10257, #48 (Attachment K), notes that "storm water generated on site will be filtered using (3) sedimentation ponds with sand filter beds." It is understood that sand filtration will not be done, but that part of the stormwater generated at the high school will be treated with extended-detention basins. Please make the necessary corrections. *Attachment K has been corrected.* 

5.) TCEQ-10257, #50 (Attachment M) - Inconsistencies were found between the table on the site plan (CS100) and Project Information (TCEQ-10257, #s 10 & 12). CS100 shows 71.087% total impervious cover & 60 site acres. 42.8% total impervious cover, with a project area (size of site) of 91.6 acres, is shown under #s 10 & 12 of the Project Information. Please correct inconsistencies. *The table provided on plan sheet CS100, OVERALL SITE PLAN has been corrected.* 

5a.) Also the diagram of a gabion divider on CS503 incorrectly shows elements of a sand filtration basin and CG502 has a diagram of a 6" sand filtration shut-off valve and text of material specifications for a sand filter basin. Please remove the sand filter basin information and show how the hydraulic (discharge) controls for the extended-detention basins will be constructed (perforated-riser outlet). *Plan sheets CG501, CG502, & CS503 GRADING DETAILS have been revised.* 

6.) TCEQ-10257, #51 (Attachment N), discusses maintenance of sand filters and underdrain piping (parts of sand filtration basins). Please correct Attachment N to show appropriate inspection maintenance, repair, and retrofit of the proposed extendeddetention basins. *Attachment N has been corrected.* 

Per your instruction, we are submitting one original and three copies of the amended materials to supplement the WPAP application.

RESPONSELET TÉR PREPARED BY: E. Geraci .I.T.

# **PROJECT NARRATIVE**

#### Introduction

The project site consists of multiple tracts comprising an approximate 92 acres gross site area in Comal County and is not currently zoned. Only 39.6 acres of the gross site are within the limits of construction.

The site is NOT within the limits of any 100 year flood plain and does NOT have a Critical Water Quality Zone. There are NO areas irrigated with wastewater.

The planned improvements consist of approximately 999,765 square feet (25.04 ac) of existing impervious cover such as concrete, asphalt, and buildings. Such existing improvements comprise the campus known as Smithson Valley High School. Approximately 273,937 square feet (6.29 ac) of said improvements are slated for demolition. New improvements, the Smithson Valley High School Additions and Renovations, consist of adding approximately 1,138,294 square feet (26.13 ac) of impervious cover. Existing, pre-developed impervious cover comprises approximately 25% of the gross site while proposed, post-developed impervious cover comprises approximately 47% of the site. The project is to begin as soon as possible (upon project approval) and is to be completed within 12 months (after site plan approval). The project will progress over two phases, Package A and Package B.

The entire site is located within the jurisdiction of the City of Spring Branch, Texas.

#### Drainage Area

There is NO existing 100 year flood plain over the gross site. The gross drainage basin is estimated to encompass approximately 164 acres. Upgradient offsite areas that generate flows running through the site are accounted for in the design of the site's storm water management plan. Offsite runoff originating from the northwest section of the drainage basin and runoff generated over the existing improvements currently drains offsite to established depressions and natural drainage swales located to the southwest and southeast of the site. Conveyance is via overland flow and through an established storm sewer system of pipe, catch basins and curb inlets but without any detention. Post-developed runoff will be routed offsite via the established overland flow channels, the existing storm sewer system, and a proposed storm sewerage system including detention ponds designed to attenuate post-developed flows leaving the site to pre-developed rates.

> ATTACHMENT C Project Narrative

#### Discussion of the Existing and Proposed Drainage Patterns

The existing site utilizes a storm water collection and conveyance system in its existing stormwater infrastructure but utilizes no on-site detention pond or TCEQ recommended BMP device. The pre-developed site, including offsite drainage areas, can be broken down into six (6), existing sub-basin drainage areas. See the EXISTING DRAINAGE AREA MAP, CG108 in the attached plan set. Runoff drains uncontrolled to several drainage ways located to the southeast, south, and southwest of the site. The existing drainage patterns will NOT be altered. Some of the site will continue to drain into the existing storm sewer system and/or the open concrete and/or grass lined drainage ways that run from west to east across the site. A majority of all post-developed impervious cover will be routed through a new storm sewer system and through three (3) new extended detention ponds.

#### There is NO floodplain modification proposed by this Site Plan.

The existing site is NOT contained within any known 100 year flood plains.

#### Discussion of Proposed Variances

There are NO variances proposed by this project.

#### <u>Critical Environmental Features within the Project and Know Features within 150</u> feet of the Project

The surrounding area has been partially developed. A cursory review by the undersigned of the entire site area did NOT reveal any critical environmental features within the limits of construction. This area is located in the Contributing Zone of the Edward's Aquifer.

#### Tree Preservation Plan

Some existing trees are to be removed as a part of this project. The project site was an existing school site and there are significant trees within the limits of construction. Trees will also be planted around newly constructed parking areas to mitigate the loss of the existing trees.

#### Known Underground Storage Tanks

There are NO known underground storage tanks located within the project area and/or the entire 92 acre site area.

ATTACHMENT C Project Narrative

# FACTORS AFFECTING WATER QUALITY

The planned improvements consist of a 331,907 square foot High School Building Addition to the Current Building which is approximately 264,581 square feet. The existing parking lots will be expanded and parking areas will be added to create 923,864 square feet of total parking area. The on-site generated runoff is currently flowing unimpeded to a drainage way leading to Dripping Springs Creek. Both Existing and Proposed site generated runoff will be routed through a proposed on site storm sewerage system to capture runoff and route it through one of several proposed extended detention pond located in various areas on the site. The ponds will release flows at pre-development rates.

Factors that could affect surface water or groundwater quality:

- The character of the storm water would be classified as runoff associated with common commercial sites with buildings and parking lots and drives.
- Chemicals used or stored and related to chemistry, biology, agricultural, automotive and industrial technology laboratories will total less than the regulated quantity of 500 gallons. The cleanup of spills will be conducted in a manner to minimize the potential for impact to the environment.
- Activities relating to work on the sanitary sewer, spills of automotive fluids or other activities that might affect stormwater quality will be conducted in a manner to minimize the potential for impact to the environment.
- There are no other types of activities at a high school to affect the character of the storm water.

#### **BMPs FOR ONSITE STORMWATER**

Proposed storm water generated on site will be filtered using three (3) extended detention ponds. A capture depth of:

- 0.41 inches was used to determine the filtration / sedimentation basin volume for Area 1 stormwater
- 0.40 inches was used to determine the filtration / sedimentation basin volume for Area 2 stormwater.

Stormwater runoff from Area 1 will be routed into two ponds located in the south area of the site and stormwater runoff from Area 2 will be routed to a pond in the northeast area of the site.

ATTACHMENT K BMPs for Onsite Stormwater

## Inspection, Maintenance, Repair and Retrofit Plan

#### **Sedimentation Basins**

- Monthly: The vegetative growth in the basin shall be checked. The growth shall not exceed 18 inches in height.
- Quarterly: The level of accumulated silt shall be checked. If depth of silt exceeds 6 inches, it shall be removed and disposed of "properly" and in an "approved" location.

The basin shall be checked for accumulation of debris and trash. The debris and trash shall be removed if excessive. All debris and trash shall be removed at least every six months.

- Annually: The basin shall be inspected for structural integrity and repaired if necessary.
- After Rainfall: The basin shall be checked after each rainfall occurrence to insure that it drains within 48 hours after the storm is over. If it does not drain within this time, corrective maintenance will be accomplished.

"Proper" disposal of accumulated silt shall be accomplished following Texas Commission on Environmental Quality and City of Springbranch/ Comal County guidelines and specifications.

An amended copy of this document will be provided to the Texas Commission on Environmental Quality within thirty (30) days of any changes in the following information

Responsible Party:	Thomas Bloxham
Entity	Comal Independent School District
Mailing Address	1404 IH 35 N
City, State, Zip Code	New Braunfels, Texas 78130
Telephone:	(830) 221-2039 FAX: (830)
1 .11	<u> </u>

Signature

.5.05

ATTACHMENT N Inspection, Maintenance, Repair and Retrofit Plan Buddy Garcia, Chairman Larry R. Soward, Commissioner Bryan W. Shaw, Ph.D., Commissioner Glenn Shankle, Executive Director



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY Protecting Texas by Reducing and Preventing Pollution

April 30, 2008

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

#### RECEIVED

MAY 0 5 2008

#### COUNTY ENGINEER

Re: Edwards Aquifer, Comal County
 PROJECT NAME: T Bar M restaurant Building, located on the south side of State Highway 46
 West approximately .05 miles north of the FM 1863 and State Highway 46 West intersection., Comal County Texas
 PLAN TYPE: Application for Approval of a Water Pollution Abatement Plan (WPAP) 30 Texas
 Administration Code (TAC) Chapter 213; Edwards Aquifer Protection Program
 EAPP File No.: 1899.01

Dear Mr. Hornseth:

The enclosed WPAP application received on April 29, 2008, 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.

Please forward your comments to this office by May 28, 2008.

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 Lynn M. Bumguardner

Water Section Work Leader San Antonio Regional Office

LMB/eg

REPLY TO: REGION 13 • 14250 JUDSON RD. • SAN ANTONIO, TEXAS 78233-4480 • 210-490-3096 • FAX 210-545-4329



RECEIVED

JUL 2 9 2010

COUNTY ENGINEER

#### Edwards Aquifer Protection Plan Extension Request

- $\underline{X}$ Extension Request for a Water Pollution Prevention Plan (TCEQ-10260)
- X ATTACHMENT A - Approval Letter or Extension Approval
  - Agent Authorization Form (TCEQ-0599), if application submitted by agent
- X X X Application Fee Form (TCEQ-0574)
  - Check Payable to the "Texas Commission on Environmental Quality"
  - Core Data Form (TCEQ-10400)


### Extension Request for an Edwards Aquifer Protection Plan Relating to 30 TAC §213.4(g) Effective June 1, 1999

RECEIVED

JUL 2 9 2010

COUNTY ENGINEER

1. Re	gulated Entity	y information.	If requested by	/ an agent,	attach the ag	gent authorization	form.
-------	----------------	----------------	-----------------	-------------	---------------	--------------------	-------

Regulated Entity Nam	ne: <u>T Bar M, Inc.</u>		
Customer (Applicant):	T Bar M, Inc		
Contact Person:	Scott Turpin		
Entity:	T Bar M, Inc		
Mailing Address:	8201 Preston Rd		
City, State:	Dallas, TX 75225		
Telephone:	(214) 692-4254	FAX: _	(830) 608-1765
Agent: Contact Person: Mailing Address: City, State:			Zip:
Telephone:			FAX:

2. X \_\_\_\_**ATTACHMENT A - Approval Letter or Extension Approval.** Attach a copy of the last approval letter or the last approved extension.

Date of letter: <u>July 28, 2008</u> Expiration date: <u>July 28, 2010</u>

- 3. <u>X</u> This extension request is submitted not earlier than sixty (60) days prior to the expiration date of an approved Edwards Aquifer protection plan or a previously approved extension.
- 4. X A completed fee form is attached. The fee for a six-month extension of time is \$150.

Scott Turpin Print Name of Customer/Agent

Signature of Customer/Agent

Date

July 22, 2010

If you have questions on how to fill out this form or about the Edwards Aquifer protection program, please contact us at 210/490-3096 for projects located in the San Antonio Region or 512/339-2929 for projects located in the Austin Region.

Individuals are entitled to request and review their personal information that the agency gathers on its forms. They may also have any errors in their information corrected. To review such information, contact us at 512/239-3282.

### **Exhibit** A

Buddy Garcla, Chairman Larry R. Soward, Commissioner Bryan W. Shaw, Ph.D., Commissioner Mark R. Vickery, P.G., Executive Director

JUL 2 9 2010

RECEIVED

COUNTY ENGINEER

## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

### July 29, 2008

Mr. Scott Turpin T Bar M Inc. 8201 Preston Road Dallas, TX 75225

Re: Edwards Aquifer, Comal County

NAME OF PROJECT: T Bar M; Located on the south side of State Highway 46 West approximately 0.5 mile north of the intersection of FM 1863 and State Highway 46 West; New Braunfels, Texas

TYPE OF PLAN: Request for Modification of a Water Pollution Abatement Plan (WPAP); 30 Texas Administrative Code (TAC) Chapter 213 Edwards Aquifer

Edwards Aquifer Protection Program ID No.: 1899.01; Investigation No.: 656843; Regulated Entity No. RN102745502

Dear Mr. Turpin:

The Texas Commission on Environmental Quality (TCEQ) has completed its review of the request for modification of the approved WPAP for the above-referenced project submitted to the San Antonio Regional Office by Carter & Burgess, Inc. on behalf of T Bar M Inc. on April 29, 2008. Final review of the WPAP was completed after additional material was received on July 17, 2008 and July 25, 2008. As presented to the TCEQ, the Temporary and Permanent Best Management Practices (BMPs) 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 scaled, 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.

### BACKGROUND

The commercial project site was previously approved by letter dated December 20, 2002. The 9.3 acres included the construction of two buildings, a cabin, four tennis courts, and associated parking areas. The impervious cover was to be 3.46 acres (37.2 percent). Project wastewater was to be disposed of by conveyance to the existing Gruene Water Recycling Center owned by the City of New Braunfels.

The permanent pollution abatement measures consisted of five individual permanent vegetative filter strips, which were designed to meet the required 80 percent removal of the increased load in total suspended solids caused by the project. The table below summarized the permanent treatment:

REPLY TO: REGION 13 • 14250 JUDSON RD. • SAN ANTONIO, TEXAS 78233-4480 • 210-490-3096 • FAX 210-545-4329

JUL 2 9 2010

RECEIVED

Mr. Scott Turpin July 29, 2008 Page 2

### COUNTY ENGINEER

Permanent Best Managemen (Vegetative Filter Stri	t Practic ps)	es .			
Watershed	A	B	·C	D	E
Filter Strip Area (acres)	1.15	0.77	0.10	0.37	0.126
Level spreading device	Yes	Yes	Yes	Yes	Yes
Contiguous with developed area	Yes	Yes	Yes	Yes	Yes
Area of development filter strip designed to treat (acres)	1.203	1.824	0.17	0.726	0.126

#### PROJECT DESCRIPTION

The proposed commercial project will have an area of approximately 9.3 acres. It will include the addition of a restaurant building, roads and parking. The proposed site layout requires that some of the existing impervious cover (0.23 acres) be removed and restored to landscaping. The new proposed impervious cover added to the site will be 0.60 acres. The net increase of impervious cover will be 0.37 acres. The impervious cover for the 9.3 acres will become 3.83 acres (41.2 percent). Project wastewater will be disposed of by conveyance to the existing Gruene Water Recycling Center owned by the City of New Braunfels.

### PERMANENT POLLUTION ABATEMENT MEASURES

To prevent the pollution of stormwater runoff originating on-site or upgradient of the site and potentially flowing across and off the site after construction, engineered vegetated filter strips, designed using the TCEQ technical guidance document, <u>Complying with the Edwards Aquifer Rules</u>: <u>Technical Guidance</u> on <u>Best Management Practices</u> (2005), will be constructed to treat stormwater runoff. The required total suspended solids (TSS) treatment for this project is 332 pounds of TSS generated from the 0.37 acres of net increase in impervious cover. The approved measures meet the required 80 percent removal of the increased load in TSS caused by the project.

The engineered vegetated filter strips will extend along the entire length of the contributing area; The slope will not exceed 20%;

The minimum dimension of the filter strips (in the direction of flow will not be less than 15 feet;

The maximum width (in the direction of flow) of the contributing impervious area will not exceed 72 feet; The minimum vegetated cover will be 80%;

The contributing area to the filter strip will be relatively flat so that runoff will be distributed evenly to the vegetated area without the use of a level spreader;

The vegetated filter strip will be free of gullies or rills that can concentrate overland flow.

The 3 foot river rock velocity dissipater receiving roof runoff from the proposed T Bar M Restaurant will be free of gullies or rills that can concentrate overland flow and potentially cause erosion to the engineered vegetated filter strip.

### GEOLOGY

The outcropping geologic formation mapped at the site consists of the Person Formation of the Cretaceous Edwards Group. The site specifically lies in the outcrop of the Cyclic and Marine member. According to the geologic assessment included with the application seven features were identified at the site. Five of the features were manmade and ranked non-sensitive. A non-karst closed depression was ranked as non-sensitive and a solution cavity (S-4) was ranked as sensitive. Based on the information

Mr. Scott Turpin July 29, 2008 Page 3

### JUL 2 9 2010

RECEIVED

### COUNTY ENGINEER

submitted by the project engineer the sensitive feature is situated several hundred feet away from any improvements proposed in this modification. Regional Office did not conduct a site assessment.

### SPECIAL CONDITIONS

I. This modification is subject to all Special and Standard Conditions listed in the WPAP approval letter dated December 20, 2002.

II. All permanent pollution abatement measures shall be operational prior to occupancy of the facility.

III. Intentional discharges of sediment laden storm 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.

Unless an exception is requested, justified with documentation as equivalent protection, and approved, the "industry standard" for temporary BMPs to be used for activities regulated by 30 TAC 213 are described in RG-348 (2005), and shall be used.

V.

IV.

No regulated activities shall take place within the vicinity (200 feet) of feature S-4 without determining the natural drainage area to the sensitive feature and providing appropriate natural buffers to protect the feature in accordance with TCEQ guidance.

### 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. 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 form (Deed Recordation Affidavit, TCEQ-0625) that you may use to deed record the approved WPAP is enclosed.

5. 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 WPAP and this

r.us RECEIVED

Mr. Scott Turpin July 29, 2008 Page 4

б.

7.

### COUNTY ENGINEER

JUL 2 9 2010

notice of approval shall be maintained at the project location until all regulated activities are completed.

Modification to the activities described in the referenced WPAP 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.

- 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 date on which the regulated activity will commence, the name of the approved plan and program ID number for the regulated activity, and the name of the prime contractor with the name and telephone number of the contact person. The executive director will use the notification to determine if the approved plan is eligible for an extension.
- 8. Temporary erosion and sedimentation (E&S) controls, i.e., silt fences, rock berns, stabilized construction entrances, or other controls described in the approved WPAP, 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.
- 9. All borings with depths greater than or equal to 20 feet must be plugged with non-shrink grout from the bottom of the hole to within three (3) feet of the surface. The remainder of the hole must be backfilled with cuttings from the boring. All borings less than 20 feet must be backfilled with cuttings from the boring. All borings must be backfilled or plugged within four (4) days of completion of the drilling operation. Voids may be filled with gravel.

#### During Construction:

- 10. During the course of regulated activities related to this project, the applicant or 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.
- 11. 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. 6, above.
- 12. If any sensitive feature (caves, solution cavities, sink holes, etc.) is discovered during construction, all regulated activities near the feature must be suspended immediately. The applicant or his agent must immediately notify the San Antonio Regional Office of the discovery of the feature. Regulated activities near the feature may not proceed until the executive director has reviewed and approved the methods proposed to protect the feature and the aquifer from

### JUL 2 9 2010

RECEIVED

P. U6

COUNTY ENGINEER

potentially adverse impacts to water quality. The plan must be sealed, signed, and dated by a Texas Licensed Professional Engineer.

- 13. No wells exist at the site. All water wells, including injection, dewatering, and monitoring wells must be in compliance with the requirements of the Texas Department of Licensing and Regulation under Title 16 TAC Chapter 76 (relating to Water Well Drillers and Pump Installers) and all other locally applicable rules, as appropriate.
- 14. 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 reduced by 50 percent. Litter, construction debris, and construction chemicals shall be prevented from becoming stormwater discharge pollutants.
- 15. Intentional discharges of sediment laden storm 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.
- 16. 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.
- 17. 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.

### After Completion of Construction:

- 18. 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.
- 19. 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 association, a new property owner or lessee, a district, or municipality) or the ownership of the property is transferred to the entity. The regulated 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 San Antonio Regional Office within 30 days of the transfer. A copy of the transfer form (TCEQ-10263) is enclosed.
- 20. Upon legal transfer of this property, the new owner(s) is required to comply with all terms of the approved Edwards Aquifer protection plan. If the new owner intends to commence any new regulated activity on the site, a new Edwards Aquifer protection plan that specifically addresses the new activity must be submitted to the executive director. Approval of the plan for the new

Mr. Scott Turpin July 29, 2008 Page 6

# JUL 2 9 2010

COUNTY ENGINEER

regulated activity by the executive director is required prior to commencement of the new regulated activity.

21. An Edwards Aquifer protection 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 Edwards Aquifer protection 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.

22. 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.

If you have any questions or require additional information, please contact Agnieszka Hobson of the Edwards Aquifer Protection Program of the San Antonio Regional Office at (210) 403-4075.

Sincerely,

Mark R. Vickery, P.G. Executive Director Texas Commission on Environmental Quality

### MRV/AMH/eg

Enclosures: Deed Recordation Affidavit, Form TCEQ-0625 Change in Responsibility for Maintenance of Permanent BMPs, Form TCEQ-10263

Mr. David McBeth, P.E., Carter & Burgess, Inc.
Mr. James C. Klein, P.E., City of New Braunfels
Mr. Thomas H. Hornseth, P.E., Comal County
Ms. Velma Reyes Danielson, Edwards Aquifer Authority
TCEQ Central Records, Building F, MC-212

### Texas Commission on Environmental Quality Edwards Aquifer Protection Program Application Fee Form

RECEIVED

JUL 2 9 2010

NAME OF PROPOSED REGULATED ENTITY: T Bar M,     REGULATED ENTITY LOCATION: 2549 Hwy 46 W, No     NAME OF CUSTOMER: T Bar M, Inc     CONTACT PERSON: Scott Turpin     PHONE:     (Please Print)	Inc. ew Braunfels, TX 78132 (214) 692-4254	COUNTY ENGINEER						
Customer Reference Number (if issued): CN6	00793111 (nine digits)							
Regulated Entity Reference Number (if issued): RN 1027	45502 (nine digits)							
Austin Regional Office (3373) 🛛 🗌 Hays 🔲 Travis 🔲 Williamson								
San Antonio Regional Office (3362) 🗌 Bexar	Comal 🗌 Medina 🔲	Kinney 🗌 Uvalde						
Application fees must be paid by check, certified check, or money order, payable to the <b>Texas Commission on</b> Environmental Quality. Your canceled check will serve as your receipt. This form must be submitted with your fee payment. This payment is being submitted to (Check One):								
Austin Regional Office	🖌 San Antonio Regional Of	fice						
Mailed to TCEQ:Overnight Delivery to TCEQ:TCEQ - CashierTCEQ - CashierRevenues Section12100 Park 35 CircleMail Code 214Building A, 3rd FloorP.O. Box 13088Austin, TX 78753Austin, TX 78711-3088512/239-0347								
Site Location (Check All That Apply): X Recharge Zor	e Contributing Zone	Transition Zone						
Type of Plan	Size	Fee Due						
Water Pollution Abatement Plan, Contributing Zone Plan: One Single Family Residential Dwelling	Acres	\$						
Water Pollution Abatement Plan, Contributing Zone Plan: Multiple Single Family Residential and Parks	Acres	\$						
Water Pollution Abatement Plan, Contributing Zone Plan: Non-residential	Acres	\$						
Sewage Collection System	L.F.	\$						
Lift Stations without sewer lines	Acres	\$						
Underground or Aboveground Storage Tank Facility	Tanks	\$						
Piping System(s)(only)	Each	\$						
Exception	Each	\$						
Extension of Time	Each	\$150						

Signature

<u>July 22, 2010</u> Date

If you have questions on how to fill out this form or about the Edwards Aquifer protection program, please contact us at 210/490-3096 for projects located in the San Antonio Region or 512/339-2929 for projects located in the Austin Region.

Individuals are entitled to request and review their personal information that the agency gathers on its forms. They may also have any errors in their information corrected. To review such information, contact us at 512/239-3282.

TCEQ-0574 (Rev. 4/25/08)

Page 1 of 2



# **TCEQ Core Data Form**

SECTION	For deta	ailed instructions regarding complet neral Information	ion of this forn	n, pleas	se read	the Core	e Data F	orm Instructions of	or call 512-239-	CEIVED
1. Reason fo	or Submis	sion (If other is checked pleas	e describe ir	n space	e provi	ded)			III.	2 9 2010
New Pe	rmit, Regis	stration or Authorization (Core L	Data Form sh	ould b	e subr	nitted w	ith the p	program applica	tion)	
Renewa	I (Core D	ata Form should be submitted v	vith the rene	wal for	m)		Other		COUN	<b>FY ENGINEER</b>
2. Attachme	nts	Describe Any Attachments:	(ex. Title V A	pplicati	on, Wa	ste Tran	sporter /	Application, etc.)		
Yes	□No	WPAP Report and app	licable at	tachn	nents					
3. Customer	Referenc	e Number <i>(if issued)</i>	Follow this	N num	search	4. F	Regulat	ed Entity Refe	rence Numbe	r (if issued)
CN 6007	93111		Centra	Regist	ry**	R	N 102	2745502		
SECTION	NII: C	ustomer Information								
5. Effective	Date for C	ustomer Information Updates	(mm/dd/yy)	/y)	Apri	1 200	8			
6. Customer	Role (Pro	posed or Actual) - as it relates to th	e <u>Regulated E</u>	Entity lis	sted on	this form	n. Please	e check only <u>one</u>	of the following:	
Owner	onal Licens	Operator Responsible Party		wner & olunta	& Oper ry Clea	ator inup Ap	plicant	Other:		
7. General C	ustomer	nformation								
New Cus	tomer 1 Legal Na <b>nge" and</b>	me (Verifiable with the Texas Se Section I is complete, skip to	Jpdate to Cu ecretary of S <b>Section III –</b>	stomer tate) <b>Regu</b>	r Inforn <i>lated L</i>	nation Entity II	nforma	☐ Change ⊠ <u>No Chan</u> tion.	in Regulated I ge**	Entity Ownership
8. Type of C	ustomer:	Corporation		ndividu	ial			Sole Proprietor	ship- D.B.A	
City Gove	ernment	County Government	F	edera	l Gove	rnment		State Governm	ent	
D Other Go	vernment	General Partnership		.imited	Partne	ership		Other:		
9. Customer	Legal Na	me (If an individual, print last name	first: ex: Doe	, John)		f new Ci elow	ustomer	, enter previous	Customer	End Date:
T Bar M,	Inc.			_						
	8201 H	Preston Road								
10. Mailing						_				
Address:	City	Dallas	State	TX		ZIP	7522	25	ZIP + 4	
11. Country	Mailing Ir	formation (if outside USA)			12. E	-Mail /	Address	(if applicable)		
						_				
13. Telephor	ne Numbe	r <b>r</b>	14. Extensi	on or	Code			15. Fax Numl	per (if applical	ole)
(214)69	2-4254	47 TV Otata Franchise			40 D	INC M	maker	(830)-62	5-5959 6	08-1165
74165888	1 ax 10 (9 di 15	grisj 17. 1 <b>A State Franchise</b> 17416588857	I ax ID (11 dig	ns)	10. D	או פאוכ	IIIDer(#		1 X 303 FIIIN	y wumper (if applicable)
20. Number	of Employ	/ees						21, Indepe	ndently Own	ed and Operated?
□ 0-20 D	< 21-100	101-250 251-500	☐ 501 a	nd hia	her				Yes	No
SECTIO	N III: F	Regulated Entity Info	rmation	3					-	
	Description		and the d		ala al -					

### 

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

T Bar M, Inc

24. Street Address 2549 SH 46 West											EC	CIM	-
of the Regulated										1	EU	CIVI	εψ
Entity: (No P.O. Boxes)	City	New Braur	fels	State	TX		7IP ,	78132		71P + 4	UL :	2 9 20	10
	San			Olate	IA		<b>~</b> 11	70152					
25. Mailing	San									COL	NTY	ENGI	NEER
Address:													
	City			State		1	ZIP			ZIP + 4		-	
26. E-Mail Address:	st	urpin@tbarm	.com										
27. Telephone Numbe	er		2	8. Extensio	n or Code		29. F	ax Number (if	applicable)				
(830) 625-7738							( 83	0)620-601	8				
30. Primary SIC Code	(4 digits	s) 31. Seconda	ary SIC Co	<b>de</b> (4 digits)	32. Prim (5 or 6 digit	ary N/ s)	AICS CO	ode 33 (5)	. Second or 6 digits)	lary NAIC	S Coc	le	
7011		7999			721214	1		71	394				
34. What is the Prima	ry Bus	iness of this ent	ity? (Plea	ise do not rep	eat the SIC	or NAI	CS desc	ription.)					
resort, sports faci	lities	, meeting and	dining f	acilities									
Q	uestio	ns 34 – 37 addre	ss geograp	ohic locatio	n. Please	refer	to the i	nstructions fo	r applica	ability.			
35. Description to Physical Location:	sou	th side of SH	46, 1/2 r	nile nortl	hwest of	the	interse	ection of FN	A 1863				
36. Nearest City	-		С	ounty			St	ate	•	Neares	t ZIP C	ode	
New Braunfels			0	Comal			T	Х		78132	2		
37. Latitude (N) In D	ecima	: 29.72416	7		38. Lo	ngitu	de (W)	In Decimal:	98.18	86944			
Degrees	Minutes	§	Seconds		Degrees	6		Minutes		Se	conds		
29	43		27		98			11		13	3		
39. TCEQ Programs an	d ID N	umbers Check all F	rograms and v	write in the per	mits/registratio	on num	bers that w	vill be affected by	he updates	submitted of	on this fo	rm or the	
Dam Safety	your Pro	gram is not listed, che	ck other and w	Inte it in. See t	Aquifer	Form in		s for additional gui	s Waste	Mun	icinal S	olid Wast	
Duniouity					/ iquiloi				5 110510				<u> </u>
New Source Review -	- Air			Petroleur	m Storage T	ank	D PW	IS			ge		
											<u> </u>		_
Stormwater		Title V – Air		Tires			Used Oil		Utilities				
Voluntary Cleanup		Waste Water		U Waster	water Agricu	lture	🗌 Wa	ater Rights		Othe	er:		
SECTION IV: P	Prepa	arer Inform	ation										
40. Name: David	MN	IcBeth . P.E.				41.	Title:	Sr Proied	t Mana	ager			
42. Telephone Numbe	r	43. Ext./Code	44.	Fax Numbe	er	45	. E-Mail	Address		0			
(210) 494-0088		6352	(2	10)494-4	1525	da	avid.m	cbeth@iac	obs.com	m	17		
SECTION V· A	nth	nrized Signs	ture										
<b>46.</b> By my signature hand that I have signature	below,	I certify, to the	best of my	y knowledg	ge, that the	infoi	rmation	n provided in	this forn Field 9 :	n is true a	and co	mplete,	he

updates to the ID numbers identified in field 39.

### (See the Core Data Form instructions for more information on who should sign this form.)

Company:	Jacobs Carter Burgess	Job Title: Project Engineer			
Name(In Print) :	David McBeth			Phone:	(210)494-0088
Signature:				Date:	4/24/2008





# WATER POLLUTION ABATEMENT PLAN

# FOR

# T BAR M, INC. RESTAURANT BUILDING

April 2008



# **Carter**<sup>#</sup>**Burgess**

Consultants in Engineering, Architecture, Construction Management and Related Services Carter and Burgess, Inc. 911 Central Parkway North, Ste. 425 San Antonio, Texas 78232 (210) 494-0088 Fax (210) 494-4525 ©COPYRIGHT 2008 Carter & Burgess, Inc



General Information Form

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

REGULATED ENTITY NAME COUNTY: <u>Comal</u>	E: <u> </u>	<u>R M, INC</u> STREAM BASIN:	Tributary to Blieders Creek
EDWARDS AQUIFER:	<u>X</u> RECHA TRANSI	RGE ZONE TION ZONE	
PLAN TYPE:	X WPAP SCS	AST UST	EXCEPTION MODIFICATION

### **CUSTOMER INFORMATION**

1. Customer (Applicant):

Contact Person:	Scott Turpin			
Entity:	T Bar M, Inc. / Center for	r Christian Gr	owth	
Mailing Address:	8201 Preston Road			
City, State:	Dallas, TX	Zip:	75225	
Telephone:	(214) 692-4254	FAX:	(830) 625-5959	

Agent/Representative (If any):

Contact Person:	David McBeth, P.E	
Entity:	Carter & Burgess, Inc.	
Mailing Address:	911 Central Pkwy N, #425	
City, State:	San Antonio, TX	Zip: 78232
Telephone:	(210) 494-0088	FAX: (210) 494-4525

2. X This project is inside the city limits of <u>New Braunfels</u>

This project is outside the city limits but inside the ETJ (extra-territorial jurisdiction) of

- \_\_\_\_ This project is not located within any city's limits or ETJ.
- 3. The location of the project site is described below. The description provides sufficient detail and clarity so that the TCEQ's Regional staff can easily locate the project and site boundaries for a field investigation.

# Located on the south side of State Highway 46 West approximately 1/2 mile north of the intersection of FM 1863 and State Highway 46 West .

- 4. <u>X</u> **ATTACHMENT A ROAD MAP**. A road map showing directions to and the location of the project site is attached at the end of this form.
- 5. X ATTACHMENT B USGS / EDWARDS RECHARGE ZONE MAP. A copy of the official 7 <sup>1</sup>/<sub>2</sub> minute USGS Quadrangle Map (Scale: 1" = 2000') of the Edwards Recharge Zone is attached behind this sheet. The map(s) should clearly show:
  - X Project site.
  - X USGS Quadrangle Name(s).
  - X Boundaries of the Recharge Zone (and Transition Zone, if applicable).





- X Drainage path from the project to the boundary of the Recharge Zone.
- 6. <u>X</u> Sufficient survey staking is provided on the project to allow TCEQ regional staff to locate the boundaries and alignment of the regulated activities and the geologic or manmade features noted in the Geologic Assessment. The TCEQ must be able to inspect the project site or the application will be returned.
- 7. <u>X</u> ATTACHMENT C PROJECT DESCRIPTION. Attached at the end of this form is a detailed narrative description of the proposed project.
- 8. Existing project site conditions are noted below:
  - Existing commercial site
  - Existing industrial site
  - Existing residential site
  - Existing paved and/or unpaved roads
  - Undeveloped (Cleared)
  - Undeveloped (Undisturbed/Uncleared)
  - X Other: Existing Recreational Camp and Resort

### PROHIBITED ACTIVITIES

- 9. X I am aware that the following activities are prohibited on the **Recharge Zone** and are not proposed for this project:
  - (1) waste disposal wells regulated under 30 TAC Chapter 331 of this title (relating to Underground Injection Control);
  - (2) new feedlot/concentrated animal feeding operations, as defined in 30 TAC §213.3;
  - (3) land disposal of Class I wastes, as defined in 30 TAC §335.1;
  - (4) the use of sewage holding tanks as parts of organized collection systems; and
  - (5) new municipal solid waste landfill facilities required to meet and comply with Type I standards which are defined in §330.41(b), (c), and (d) of this title (relating to Types of Municipal Solid Waste Facilities).
- 10. X I am aware that the following activities are prohibited on the **Transition Zone** and are not proposed for this project:
  - (1) waste disposal wells regulated under 30 TAC Chapter 331 (relating to Underground Injection Control);
  - (2) land disposal of Class I wastes, as defined in 30 TAC §335.1; and
  - (3) new municipal solid waste landfill facilities required to meet and comply with Type I standards which are defined in §330.41 (b), (c), and (d) of this title.

### ADMINISTRATIVE INFORMATION

- 11. The fee for the plan(s) is based on:
  - X For a Water Pollution Abatement Plan and Modifications, the total acreage of the site where regulated activities will occur.
  - \_\_\_\_ For an Organized Sewage Collection System Plans and Modifications, the total linear footage of all collection system lines.
  - For a UST Facility Plan or an AST Facility Plan, the total number of tanks or piping systems.
  - \_\_\_\_ A Contributing Zone Plan.
  - A request for an exception to any substantive portion of the regulations related to the protection of water quality.
    - A request for an extension to a previously approved plan.

- 12. Application fees are due and payable at the time the application is filed. If the correct fee is not submitted, the TCEQ is not required to consider the application until the correct fee is submitted. Both the fee and the Edwards Aquifer Fee Form have been sent to the Commission's:
  - \_ TCEQ cashier
  - Austin Regional Office (for projects in Hays, Travis, and Williamson Counties)
  - X San Antonio Regional Office (for projects in Bexar, Comal, Kinney, Medina, and Uvalde Counties)
- 13. X Submit one (1) original and three (3) copies of the completed application to the appropriate regional office for distribution by the TCEQ to the local municipality or county, groundwater conservation districts, and the TCEQ's Central Office.
- 14. X No person shall commence any regulated activity until the Edwards Aquifer Protection Plan(s) for the activity has been filed with and approved by the executive director. No person shall commence any regulated activity until the Contributing Zone Plan for the activity has been filed with the executive director.

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

David Mcbeth, P.E. Carter & Burgess, Inc. Print Name of Customer/Agent

Signature of Customer/Agent

If you have questions on how to fill out this form or about the Edwards Aquifer protection program, please contact us at 210/490-3096 for projects located in the San Antonio Region or 512/339-2929 for projects located in the Austin Region.

Individuals are entitled to request and review their personal information that the agency gathers on its forms. They may also have any errors in their information corrected. To review such information, contact us at 512/239-3282.



rowing Name W1310627.012\_1 BAR N134g1LOCATION\_WAP.dwg User healhds Apr 23, 2008 - 5:56pm





### ATTACHMENT C – PROJECT DESCRIPTION

T Bar M is a recreational camp and resort with cabins, hotel, tennis courts, cafeteria, baseball field, swimming pools and associated parking and access roads, etc, all approved under an existing WPAP. The site is located on the south side of State Highway 46 West approximately 1/2 mile north of the intersection of FM 1863 and State Highway 46 West (see location map). The site has a low density and the rural characteristics are maintained throughout the facility. The proposed improvements will retain the rural setting, keeping much of the surrounding area undisturbed. This WPAP modification is for the addition of a restaurant building and roads/parking. The proposed layout requires that some of the existing impervious cover be removed and restored to landscaping. The existing impervious cover for the site is 3.46 acres. After proposed improvements are completed the impervious cover will be 3.83 acres. The proposed improvements will impact the site with a net increase of 0.37 acres of impervious cover. The area where the new proposed restaurant will be constructed is approximately 1 acre. Existing approved WPAP envelopes and approval dates are shown on Sheet EX1. The permanent BMP's have been designed to treat the net increase of impervious cover for the project site, which is approximately 0.37 acres. A summary of the impervious cover and the areas of treatment are in the tables below.

Impervious Area Summary							
Existing Impervious Area (Approved)	150,664 sf	3.46 ac					
Proposed Impervious Area (After Modification)	166,781 sf	3.83 ac					
Demolished Impervious Cover	10,018 sf	0.23 ac					
Net Increase in Impervious Cover	16,117 sf	0.37 ac					

Treatment Summary							
Treatment Area	16,553 sf	0.38 ac					
Net Increase in Impervious Cover	16,117 sf	0.37 ac					
Excess Area Treated	436 sf	0.01 ac					

The site is located about 4 miles north of the Transition boundary and is within the Edwards Aquifer Recharge Zone in the New Braunfels West, Texas quadrangle. Based on the USGS Official Edwards Aquifer Recharge Zone Map, the site accepts approximately 3 acres of upgradient stormwater. The upgradient drainage area consists of undeveloped forested vegetation, open pasture land and 3 rural single family residences at the upper limits of the drainage area. The majority of this upgradient runoff is diverted along the property boundary northeasterly to Blieders Creek. The construction boundary within the site accepts less than 10% of this flow.. Vegetative filter strips will be used to treat stormwater runoff. Additionally, existing impervious cover will be treated to account for some of the proposed improvements. The on-site storm water drains through the site and into an un-named tributary of Blieders Creek on the south side of State Highway 46 West. The temporary and permanent BMP's will be constructed and maintained by T Bar M

The project limits are those areas within the T Bar M campus that will be disturbed to construct the new restaurant and parking areas, which will be approximately 1.0 acre.

### GEOLOGIC ASSESSMENT FOR REGULATED ACTIVITIES ON THE EDWARDS AQUIFER RECHARGE/TRANSITION ZONES AND RELATING TO 30 TAC §213.5(b)(3), EFFECTIVE JUNE 1, 1999

PROJECT NAME:	Pool and Cabin Improvements – T Bar M Ranch						
TYPE OF PROJECT:	X WPAP	AST	SCS	_UST			
LOCATION OF PROJECT:	X Recharge	Zone	Transition Zone	Contributing Zone within the Transition Zone			

### PROJECT INFORMATION

- 1. <u>X</u> Geologic or manmade features are described and evaluated using the attached GEOLOGIC ASSESSMENT TABLE.
- 2. Soil cover on the project site is <u>0 to 0.5</u> feet thick. In general, the soil present appears to have the ability to:

- 3. <u>X</u> SOILS ATTACHMENT. A narrative description of soil units and a soil profile, including thickness and hydrologic characteristics are attached at the end of this form.
- 4. <u>X</u> A **STRATIGRAPHIC COLUMN** is attached at the end of this form that shows formations, members, and thicknesses. The outcropping unit should be at the top of the stratigraphic column.
- 5. <u>X</u> A NARRATIVE DESCRIPTION OF SITE SPECIFIC GEOLOGY is attached at the end of this form. The description must include a discussion of the potential for fluid movement to the Edwards Aquifer, stratigraphy, structure, and karst characteristics of the site.
- 6. X Appropriate SITE GEOLOGIC MAP(S) are attached:

The Site Geologic Map must be the same scale as the applicant's Site Plan. The minimum scale is 1": 400'

Applicant's Site Plan Scale	1	11	dinin Talah	<u>    50        </u> '	1
Site Geologic Map Scale	1	**	3	50 '	

- 7. Method of collecting positional data:
  - X Global Positioning System (GPS) technology. Other method(s).
- 8. X The project site is shown and labeled on the Site Geologic Map.
- 9. X Surface geologic units are shown and labeled on the Site Geologic Map.

- 10. X Geologic or manmade features were discovered on the project site during the field investigation. They are shown and labeled on the Site Geologic Map and are described in the attached Geologic Assessment Table.
  - \_\_\_\_ Geologic or manmade features were not discovered on the project site during the field investigation.
- 11. X The Recharge Zone boundary is shown and labeled, if appropriate.
- 12. All known wells (test holes, water, oil, unplugged, capped and/or abandoned, etc.):
  - \_\_\_\_ There are \_\_\_\_\_(#) wells present on the project site and the locations are shown and labeled. (Check all of the following that apply.)
    - \_\_\_\_ The wells are not in use and have been properly abandoned.
    - The wells are not in use and will be properly abandoned.
    - The wells are in use and comply with 16 TAC §76.
  - X There are no wells or test holes of any kind known to exist on the project site.

ADMINISTRATIVE INFORMATION

13. X One (1) original and three (3) copies of the completed assessment has been provided.

Date(s) Geologic Assessment was performed:	August 8, 2002
	Date(s)

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

Jeffrey S. Neathery	210-930-5959	
Print Name of Geologist	Telephone	
	210-930-6262	910000100
1.01	Fax	
M.Sth	August 13, 2002	
Signature of Geologist)	Date	
$\sim$		

Representing: Arias & Kezar (Name of Company)

### Site Specific Soils

Most of the site has been previously developed. There are several structures, roads, parking areas and a baseball field. Native soils remaining at the site consist of black and brown calcareous clay. The clay includes rock fragments ranging in size to pebbles. Although the clay content of the soils would tend to impede the downward flow of water, in areas where the rock fragments are more abundant, the water mobility would increase.

The soils on the site are typical of those found on the Edwards. They range up to a maximum thickness of about one half of a foot in some areas. Soils cover most of the undeveloped portions of the site. There are few areas of rock outcrops except for those in the creek area.

According to the U.S. Soil Conservation Service, the soils beneath the SITE are classified as Rumple-Comfort association, undulating.

This association consists of shallow and moderately deep soils on uplands in the Edwards Plateau. Rumple soils make up about 60 percent of the association. Comfort soils make up about 20 percent. The remainder consists mostly of Tarpley soils. These soils are well drained. Surface runoff is medium. Permeability is moderately slow in Rumple soils and slow in Comfort soils. Water erosion is a moderate hazard.

Overall, the soils will provide some protection to the underlying limestone. There are areas where the soil cover is very thin or absent and therefore, no protection exists.

### Stratigraphic Column

Group	Formation	Member	Thickness (ft)
**************************************		Cyclic and Marine	80-90
	Person	Leached and Collapsed	70-90
Edwards Limestone		Regional Dense	20-24
		Grainstone	50-60
	Kainer	Kirschberg Evaporite	50-60
		Dolomitic	110-130
		Basil Nodular	50-60
Glen Rose Limestone	Upper Glen Rose	אראיז אין איז	350-500

(From U.S.G.S., 1996)

### Site Specific Geology

The site lies on the outcrop of the Person Formation of the Edwards Limestone. More specifically, the site lies on the outcrop of the Cyclic and Marine Member.

The undeveloped portion of the site lies along Hwy 46. This portion drains into Blieders Creek. Most of the exposed rock was found in the creek. No portion of the site lies within the 100-year floodplain. Most of the site was covered with soil. Few rock outcrops were visible. Much of the rock visible at the site was float, or weathered bedrock.

There was no evidence of structural faulting or fracturing observed in the field. There were no solution features found. Some of the float rock showed varying signs of pitting, especially in the creek area. There were no open vugs observed.

According to the literature (USGS, 1996), there are faults to the north and south of the site. No evidence of these faults were observed in the field.

### **Feature Comments**

<u>Feature S-1</u> This feature is hole that was dug to install a flagpole.

Feature S-2 This feature is hole that was dug to install a flagpole.

Feature S-3 This is an excavation made to repair a water line.

Feature S-4 This is a bedding plane feature approximately 5 feet up from the bottom of the creek..

Feature S-5

i. Nexation and

.....

| الله

1.15

This is an erosion feature formed where water runs off the asphalt pavement and onto the ground. Some of the pavement itself has eroded.

### **Feature Locations**

1000 - 10000 - 10000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 -

. .

900008 – v

4

· · ·

.

Feature	Latitude	Longitude
S-1	29° 43' 24.1"	98° 11' 18.5"
S-2	29° 43' 24.0"	98° 11' 18.6"
S-3	29° 43' 23.0"	98° 11' 15.7"
S-4	29° 43' 28.9"	98° 11' 06.6"
S-5	29° 43' 29.8"	98° 11' 11.1"

ol and Cabin improvements - T Bar M Ranch								h			
FE	FE PHYSICAL SETTING										
1A				14			18		16		17
LOCATIONEA (M	creen)		YOP	DORAP	HY (2)		BLID- TOTAL		POTENTY WCHAR	44. Mar	CCMA- MENTS
10	18	•	8	14	15	20					
	>90	₩ A L L	H         	M i l 8 i 0 g		STR RAW		M D H E / L O W ≼fa	M O D I R A T I 15-29	ž ID-I	8 8
<b>B</b> 1			₿ -				10	10			Yee
\$-2			ø				19	10			Yee
843	·		8				10	10			Yes
8-4 18					18		28			25	Yes
8-6			5				10	10		·	Yee
			·								
											L.
		I									
											·
·				ļ							
			ļ		Ì		1				
			l				NO'shi				
	. l							]			
	1		I		I					·	
		T		Ī						l	ļ

(1) C = 36 ommission's Instructions to Geologists. The SC = 10, in of the conditions observed in the field.

(2) WALL FLOODPL\_\_\_\_\_\_ Sheet <u>1</u> of <u>1</u> STREAM

TNRCC-0

Same

-

£

### References

- Federal Emergency Management Agency, (1991), FIRM Flood Insurance Rate Map, Comal County, Texas and Unincorporated Areas, Panel No. 485493 0100C, September 29, 1986.
- Soil Conservation Service (1984), Soil Survey, Comal and Hays Counties Texas, US Departmentof Agriculture

Texas Natural Resource Conservation Commission (1999), Instructions to Geologists

- U.S. Geological Survey (1994), New Braunfels, West, Texas 7.5 Minute Series (Topographic)
- U.S. Geological Survey (1994), Geologic Framework and Hydrogeologic Characteristics of the Edwards Aquifer Outcrop, Comal County, Texas, Water Resources Investigations Report 94-4117



Modification of a Previously Approved Plan

for Regulated Activities on the Edwards Aquifer Recharge Zone and Transition Zone and Relating to 30 TAC §213.4(j), Effective June 1, 1999

- 1. Regulated Entity Name: **T BAR M, INC**
- 2. Original Regulated Entity Name: T Bar M, Inc. / Center for Christian Growth
- 3. <u>X</u> ATTACHMENT A Original Approval Letter. A copy of the original approval letter and copies of any letters approving modifications are found at the end of this form.
- 4. A modification of a previously approved plan is requested for: (INDICATE ALL THAT APPLY)
  - <u>x</u> physical or operational modification of any water pollution abatement structure(s), including but not limited to ponds, dams, berms, sewage treatment plants, and diversionary structures;
  - \_\_\_\_\_ change in the nature or character of the regulated activity from that which was originally approved or a change which would significantly impact the ability of the plan to prevent pollution of the Edwards Aquifer;
  - x development of land previously identified as undeveloped in the original water pollution abatement plan;
  - \_\_\_\_ physical modification of the approved organized sewage collection system;
  - \_\_\_\_ physical modification of the approved underground storage tank system;
  - \_\_\_\_\_ physical modification of the approved aboveground storage tank system.
- 5. <u>x</u> **ATTACHMENT B Narrative of Proposed Modification.** A narrative description of the nature of each proposed modification is provided at the end of this form.
- 6. Original Project:

7.

··· · · <b>· · · · · · · ·</b> · · · · · · ·		
Type:	X WPAP	SCS UST AST
Size:	9.3	acres
Population:	N/A	
Wastewater Volume:	4,200	gal/day
Sewer Pipe:		linear ft
Hydrocarbon Storage:		# of tanks
Impervious Cover:	37.2	%
ed Modification:		
Type:	X WPAP	SCS UST AST
Size:	9.3	acres
Population:	N/A	
Wastewater Volume:	5,700	gal/day
Sewer Pipe:		linear ft
Hydrocarbon Storage:		# of tanks
Impervious Cover:	41.2	%
	Type: Size: Population: Wastewater Volume: Sewer Pipe: Hydrocarbon Storage: Impervious Cover: sed Modification: Type: Size: Population: Wastewater Volume: Sewer Pipe: Hydrocarbon Storage: Impervious Cover:	Type:X WPAP _Size:9.3Population:N/AWastewater Volume:4,200Sewer Pipe:

8. **ATTACHMENT C** - Site Plan. A Site Plan showing the existing conditions of the site, the location of proposed modification(s), and, as applicable, geologic or man-made features, temporary erosion and sedimentation controls, and permanent BMPs is found at the end of this form.

9. <u>x</u> One (1) original and three (3) copies of a completed application has been provided.

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 request for a **MODIFICATION TO A PREVIOUSLY APPROVED PLAN** is hereby submitted for TCEQ review and executive director approval. The request was prepared by:

Print Name of Customer/Agent

Signature of Customer/Agent

4/25/0g Date

	03; 1:59PM;T 848 M	TENNIS RANCH			6306081765	# 3/ 8
• •	,	(		Doc	0306002418	
60	•	Deed Rec Edwards Aqu	ordation Affid uifer Protection	avit Plan		
THE STATE	OF TEXAS §					
County of Da	ailas §					
BEFC sworn by me,	ORE ME, the undersigr , deposes and says:	ned authority, on this	s day personal	ly appeared <u>Sco</u>	<u>tt A. Turpin</u> who, b	eing duly
(1)	That my name is <u>S</u>	cott A. Turpin and	that <u>T Bar M.</u>	Inc. owns the re	al property described	below.
(2)	That said real proper under the 30 Texas	ty is subject to an E Administrative Code	DWARDS AQU (TAC) Chapte	JIFER PROTEC ar 213.	TION PLAN which was	required
(3)	That the EDWARDS	AQUIFER PROTEC	CTION PLAN fo	or said real prope ION (TNRCC) o	nty was approved by th December 20, 2002	e TEXAS
	A copy of the letter incorporated herein	of approval from the by reference.	the TNRCC is	attached to thi	s affidavit as Exhibit	A and is
(4)	The said real propert property is as follow:	ty is located in <u>C</u>	omal	County, Texas,	and the legal descript	lon of the
	A portion of	Lot 1, Block 1, T Ba	ar M Ranch Co	mmercial, being	56.626 acres of land.	•
		<u>T Bar M. Inc. by:</u> LANDOWNER-A	Auta Ju	Scott A. 1	Furpin	
SWORN AND		fore me, on this <u>//</u> c	day of <u>Januar</u> , j	2003		
	IUNE MAYFIELD r commission Extension symmetric 17, 2005	NOTARY PUBLIC	ang gues			
THE STATE (	SF VILLAS S	•				
County of	accar s	<i></i>				
BEFORE M person whose purpose and c	E, the undersigned aut name is subscribed to i consideration therein ex	hority, on this day pe the foregoing instrum (pressed.	ersonally appea nent, and ackno	ared <u>Seon A. 7</u> owledged to me the	hat (s)he executed sam	o be the le for the
GIVEN under	my hand and seal of of	fice on this <u>16 th</u> da	y of <u>Januar</u>	4.2003	κ.	
	JUNE MAYFIELD MY COMMISSION DIFIELS November 17, 2005	TUNE MAL	ALL ALLA	y y		
·			······			<b>9</b>
TNRCC-0625 (Rev	. 5/01/02}					

Robert J. Huston, Chairman R. B. "Ralph" Marquez, Commissioner Kathleen Hartnett White, Commissioner



;8306081765

9030600241A

### Texas Commission on Environmental Quality

Protecting Texas by Reducing and Preventing Pollution

December 20, 2002

Mr. Scott Turpin T Bar M, Inc./ Center for Christian Growth 8201 Preston Road Dallas, TX 75225

Re: <u>Edwards Aquifer</u>, Bexar County NAME OF PROJECT: T Bar M. I

NAME OF PROJECT: T Bar M; Located at 2549 Highway 46 West; New Braunfels, Texas TYPE OF PLAN: Request for Approval of a Water Pollution Abatement Plan (WPAP); 30 Texas Administrative Code (TAC) Chapter 213 Edwards Aquifer

Edwards Aquifer Protection Program File No.1899.00; Investigation No. 17611.

Dear Mr. Turpin:

The Texas Commission on Environmental Quality (TCEQ) has completed its review of the WPAP application for the referenced project submitted to the San Antonio Regional Office by Mr. JeffMoeller, P.E. of Carter & Burgess, Inc. on behalf of T Bar M, Inc./ Center for Christian Growth on September 26, 2002. Final review of the application was completed after additional materials were submitted on December 9, 2002, and December 13, 2002. As presented to the TCEQ, the Temporary and Permanent Best Management Practices (BMPs) 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 must be filed no later than 20 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 9.3 acres. It will include the construction of two buildings, a cabin, four tennis courts, and associated parking areas. The impervious cover will be 3.46 acres (37.2% percent). Project wastewater will be disposed of by conveyance to the existing Gruene Waste Water Recycling Center owned by the City of New Braunfels.

REPLY TO: REGION 13 • 14250 JUDSON RD. • SAN ANTONIO, TEXAS 78233-4480 • 210/490-3096 • FAX 210/545-4329

P.O. Box 13087 • Austin, Texas 78711-3087 • 512/239-1000 • Internet address: www.tceq.state.bc.us



A. 0306002418

Mr. Scott Turpin Page 2 December 20, 2002

### PERMANENT POLLUTION ABATEMENT MEASURES

Five individual permanent vegetative filter strips will be constructed to treat stormwater runoff. The individual treatment measures will consist of the following:

Permanent Best Management Practice (Vegetative Filter Strips)									
Watershed	A		C.	D	E				
Filter Strip Area (acres)	• 1.15	0.77	0.10	. 0.37	0.126				
Level spreading device	Yes	Yes	Yes	Yes	Yes				
Contiguous with developed area	Yes	Yes	Yes	Yes	Yes				
Area of development filter strip designed to treat (acres)	1.203 .	1.824	0.17	0.726	0.126				

The approved measures are presented to meet the required 80 percent removal of the increased load in total. suspended solids caused by the project.

### GEOLOGY

According to the geologic assessment included with the application, four possibly sensitive features and one not sensitive feature were identified on the proposed project site. The possibly sensitive features were described by the geologist as four man-made features and one solution cavity. The San Antonio Regional Office did conduct a site inspection on October 18, 2002. The site inspection revealed that the site geology is consistent with the geologic assessment and no additional features were noted.

### SPECIAL CONDITIONS

I. All permanent pollution abatement measures shall be operational prior to commencement of any commercial operation for each phase of development.

The vegetative filtration areas are designed in accordance with the document Complying with the Edwards Aquifer Rules: Technical Guidance on Best Management Practices (June 1999). The basins will incorporate sedimentation and filtration as described above. STANDARD CONDITIONS

Pursuant to §26.136 of the Texas Water Code, any violations of the requirements in 30 TAC Chapter 213 may result in administrative penalties.

### Prior to Commencement of Construction:

II.

1.

2. 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





Doc

0306002418

Mr. Scott Turpin Page 3 December 20, 2002

5.

6.

7.

property is located. A description of the property boundaries shall be included in the deed recordation in the county deed records. A suggested form (Deed Recordation Affidavit, TCEQ-0625) that you may use to deed record the approved WPAP is enclosed.

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 WPAP and this notice of approval shall be maintained at the project location until all regulated activities are completed.

Modification to the activities described in the referenced WPAP 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.

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 date on which the regulated activity will commence, the name of the approved plan and file number for the regulated activity, and the name of the prime contractor with the name and telephone number of the contact person. The executive director will use the notification to determine if the approved plan is eligible for an extension.

Temporary erosion and sedimentation (E&S) controls, i.e., silt fences, rock berms, stabilized construction entrances, or other controls described in the approved WPAP, 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.

All borings with depths greater than or equal to 20 feet must be plugged with non-shrink grout from the bottom of the hole to within three (3) feet of the surface. The remainder of the hole must be backfilled with cuttings from the boring. All borings less than 20 feet must be backfilled with cuttings from the boring. All borings must be backfilled or plugged within four (4) days of completion of the drilling operation. Voids may be filled with gravel.

### During Construction;

8. During the course of regulated activities related to this project, the applicant or 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 any sensitive feature (caves, solution cavities, sink holes, etc.) is discovered during construction, all regulated activities near the feature must be suspended immediately. The applicant or his agent must immediately notify the San Antonio Regional Office of the discovery of the feature. Regulated activities near the feature may not proceed until the executive director has reviewed and approved



Ø306002418

Mr. Scott Turpin Page 4

December 20, 2002

10.

÷....

11.

12.

13.

the methods proposed to protect the feature and the aquifer from potentially adverse impacts to water quality. The plan must be sealed, signed, and dated by a Texas Licensed Professional Engineer.

All water wells, including injection, dewatering, and monitoring wells must be in compliance with the requirements of the Texas Department of Licensing and Regulation under Title 16 TAC Chapter 76 (relating to Water Well Drillers and Pump Installers) and all other locally applicable rules, as appropriate.

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 reduced by 50 percent. Litter, construction debris, and construction chemicals shall be prevented from becoming stormwater discharge pollutants.

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.

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:

### After Completion of Construction:

.......

- 14. 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 association, a new property owner or lessee, a district, or municipality) or the ownership of the property is transferred to the entity. The regulated 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 Edwards Aquifer protection plan. If the new owner intends to commence any new regulated activity on the site, a new Edwards Aquifer protection 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.



002200306002418

Mr. Scott Turpin Page 5 December 20, 2002

17. An Edwards Aquifer protection 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 Edwards Aquifer protection 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.

If you have any questions or require additional information, please contact Tom Gutierrez of the Edwards Aquifer Protection Program of the San Antonio Regional Office at 210-403-4025.

Sincerely,

Margaret Hoffman Executive Director Texas Commission on Environmental Quality

MH/TG/eg

Enclosure:

CC:

Deed Recordation Affidavit, Form TCEQ-0625 Change in Responsibility for Maintenance on Permanent BMPs-Form TCEO-10263.

Mr. Jeff Moeller, P.E., Carter & Burgess, Inc. Mr. John Bohuslav, TXDOT San Antonio District Mr. Tom Hornseth, Comal County "Mr. Greg Ellis, Edwards Aquifer Authority TCEQ Central Records MC 212

	 		Doc <b>i 2003</b> 0 # Pages 6 01/22/2003	12:29:12 PM		Doc
•	· · ·	COUNTY OF COMAL	 Filed & Record Official Record COMAL COUNTY JUY STREATER COUNTY CLERK Fees \$19.00	ed in ds of	•	 # 200306
		This is to certify that this document FILED and RECORDED in the Offici - Public Records of Comal County, Tex2:: on the date and time stamped thereon.	•	 		002418
		(A) De Streater COUNTY CLERK				
#### ATTACHMENT B - NARRATIVE OF PROPOSED MODIFICATION

T Bar M is a recreational camp and resort with cabins, hotel, tennis courts, cafeteria, baseball field, swimming pools and associated parking and access roads, etc, all approved under an existing WPAP approved on December 20, 2002 for an area of 9.3 acres. The site is located on the south side of State Highway 46 West approximately 1/2 mile north of the intersection of FM 1863 and State Highway 46 West (see location map). This WPAP modification is for the addition of a restaurant building and roads/parking. The proposed layout requires that some of the existing impervious cover be removed and restored to landscaping. The existing impervious cover for the site is 3.46 acres. After proposed improvements are completed the impervious cover will be 3.83 acres. The proposed improvements will impact the site with a net increase of 0.37 acres of impervious cover. The area where the new proposed restaurant will be constructed is approximately 1 acre. Existing approved WPAP envelopes and approval dates are shown on Sheet EX1. The permanent BMP's have been designed to treat the net increase of impervious cover for the project site, which is approximately 0.37 acres. A summary of the impervious cover and the areas of treatment are in the tables below.

<b>Impervious Area Summary</b>			
Existing Impervious Area (Approved)	150,664 sf	3.46 ac	
Proposed Impervious Area (After Modification)	166,781 sf	3.83 ac	
Demolished Impervious Cover	10,018 sf	0.23 ac	
Net Increase in Impervious Cover	16,117 sf	0.37 ac	

Treatment Summary				
Treatment Area	16,553 sf	0.38 ac		
Net Increase in Impervious Cover	16,117 sf	0.37 ac		
Excess Area Treated	436 sf	0.01 ac		

The site is located about 4 miles north of the Transition boundary and is within the Edwards Aquifer Recharge Zone in the New Braunfels West, Texas quadrangle. Based on the USGS Official Edwards Aquifer Recharge Zone Map, the site accepts approximately 3 acres of upgradient stormwater. The upgradient drainage area consists of undeveloped forested vegetation, open pasture land and 3 rural single family residences at the upper limits of the drainage area. The majority of this upgradient runoff is diverted along the property boundary northeasterly to Blieders Creek. The construction boundary within the site accepts less than 10% of this flow.. Vegetative filter strips will be used to treat stormwater runoff. Additionally, existing impervious cover will be treated to account for some of the proposed improvements. The on-site storm water drains through the site and into an un-named tributary of Blieders Creek on the south side of State Highway 46 West. The temporary and permanent BMP's will be constructed and maintained by T Bar M

The project limits are those areas within the T Bar M campus that will be disturbed to construct the new restaurant and parking areas, which will be approximately 1.0 acre.

Water Pollution Abatement Plan Application for Regulated Activities on the Edwards Aquifer Recharge Zone and Relating to 30 TAC §213.5(b), Effective June 1, 1999

#### REGULATED ENTITY NAME: T BAR M, INC. RESTAURANT BUILDING

#### **REGULATED ENTITY INFORMATION**

- 1. The type of project is:
  - Residential: # of Lots:
  - Residential: # of Living Unit Equivalents:
  - \_\_\_ Commercial
  - \_\_\_\_ Industrial
  - X Other: Existing Resort Restaurant Expansion
- 2. Total site acreage (size of property): Approximate overall site= 9.3 acres

(Area of site improvements = 1.1 acres)

- 3. Projected population: N/A
  - 4. The amount and type of impervious cover expected after construction are shown below:

Impervious Cover of Proposed Project	Sq. Ft.	Sq. Ft./Acre	Acres
Structures/Rooftops	27,007	÷ 43,560 =	0.62±
Parking	49,777	÷ 43,560 =	1.14±
Other paved surfaces	89,997	÷ 43,560 =	2.07±
Total Impervious Cover	166,781	÷ 43,560 =	3.83±
Total Impervious Cover ÷ Total Acreage x 100 =			41.2%

Note: Although the overall site is 9.3 acres, only approximately 1.1 acres of the site will be disturbed by the construction of the proposed improvements. In addition, some areas of proposed improvements already have existing impervious cover that will be demolished prior to the construction of the new improvements. Therefore, while there is approximately 26,136 sf of impervious cover proposed with the project, the net addition of impervious cover is only approximately 16,117 sf, as stated in the project description. (Reference Attachment C-General Information Form)

- 5. X ATTACHMENT A Factors Affecting Water Quality. A description of any factors that could affect surface water and groundwater quality is provided at the end of this form.
- 6. X Only inert materials as defined by 30 TAC §330.2 will be used as fill material.





#### FOR ROAD PROJECTS ONLY

Complete questions 7-12 if this application is exclusively for a road project.

- 7. Type of project:
  - \_\_\_\_\_TXDOT road project.
  - \_\_\_\_ County road or roads built to county specifications.
  - \_\_\_\_ City thoroughfare or roads to be dedicated to a municipality.
  - Street or road providing access to private driveways.
- 8. Type of pavement or road surface to be used:
  - \_\_\_ Concrete
  - \_\_\_\_ Asphaltic concrete pavement
  - \_\_\_ Other:
- 9.Length of Right of Way (R.O.W.):\_\_\_\_\_\_\_feet.Width of R.O.W.:\_\_\_\_\_\_\_feet.L x W = \_\_\_\_\_\_Ft² ÷ 43,560 Ft²/Acre = \_\_\_\_\_\_acres.10.Length of pavement area:Width of pavement area:\_\_\_\_\_\_feet.L x W = \_\_\_\_\_Ft² ÷ 43,560 Ft²/Acre = \_\_\_\_\_feet.L x W = \_\_\_\_\_Ft² ÷ 43,560 Ft²/Acre = \_\_\_\_\_acres.

Pavement area \_\_\_\_\_ acres ÷ R.O.W. area \_\_\_\_ acres x 100 = \_\_\_% impervious cover.

11. \_\_\_\_ A rest stop will be included in this project.

\_\_\_\_ A rest stop will **not** be included in this project.

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

#### STORMWATER TO BE GENERATED BY THE PROPOSED PROJECT

13. **ATTACHMENT B - Volume and Character of Stormwater.** A description of the volume and character (quality) of the stormwater runoff which is expected to occur from the proposed project is provided at the end of this form. The estimates of stormwater runoff quality and quantity should be based on area and type of impervious cover. Include the runoff coefficient of the site for both preconstruction and post-construction conditions.

#### WASTEWATER TO BE GENERATED BY THE PROPOSED PROJECT

- 14. The character and volume of wastewater is shown below:
  - <u>100</u> % Domestic <u>5,700</u> gallons/day (See Appendix)
  - \_\_\_% Industrial \_\_\_\_\_gallons/day
  - \_\_\_\_\_% Commingled \_\_\_\_\_\_galloris/day
    - TOTAL <u>5,700</u> gallons/day

Note: The addition of the restaurant will add approximately 1,500 gpd to the existing flow approved in the WPAP of 4,200 gpd.

M:\310627.012\_T BAR M\docs\WPAP\_Report\\_5\_F-0584-WPAP application.doc Page 2

- 15. Wastewater will be disposed of by:
  - **On-Site** Sewage Facility (OSSF/Septic Tank):

ATTACHMENT C - Suitability Letter from Authorized Agent. An on-site sewage facility will be used to treat and dispose of the wastewater. The appropriate licensing authority's (authorized agent) written approval is provided at the end of this form. It states that the land is suitable for the use of an on-site sewage facility or identifies areas that are not suitable.

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.

X Sewage Collection System (Sewer Lines):

- X Private service laterals from the wastewater generating facilities will be connected to an existing SCS.
- Private service laterals from the wastewater generating facilities will be connected to a proposed SCS.
  - \_\_\_ The SCS was previously submitted on \_
  - \_\_\_\_ The SCS was submitted with this application.
  - The SCS will be submitted at a later date. The owner is aware that the SCS may not be installed prior to executive director approval.

The sewage collection system will convey the wastewater to the Gruene Treatment Plant. The treatment facility is :

- X existing.
- \_\_\_\_ proposed.
- 16. X All private service laterals will be inspected as required in 30 TAC §213.5.

#### SITE PLAN REQUIREMENTS

#### Items 17 through 27 must be included on the Site Plan.

- 17. The Site Plan must have a minimum scale of 1'' = 400'. Site Plan Scale: 1'' = 50'.
- 18. 100-year floodplain boundaries
  - \_\_\_\_ Some part(s) of the project site is located within the 100-year floodplain. The floodplain is shown and labeled.
  - X 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): Flood Insurance Rate Map (FIRM) Panel #4854930430F and Flood Insurance Rate Map (FIRM) Panel #4854930435F, Panel not printed-area in Zone X. Maps are currently in final approval process. The preliminary map date is March 10, 2006

- 19. X The layout of the development is shown with existing and finished contours at appropriate, but not greater than ten-foot contour intervals. Show lots, recreation centers, buildings, roads, etc.
  - \_\_\_\_ The layout of the development is shown with existing contours. Finished topographic contours will not differ from the existing topographic configuration and are not shown.

- 20. All known wells (oil, water, unplugged, capped and/or abandoned, test holes, etc.):
  - \_\_\_\_ There are \_\_(#) wells present on the project site and the locations are shown and labeled. (Check all of the following that apply)
    - \_ The wells are not in use and have been properly abandoned.
    - The wells are not in use and will be properly abandoned.
    - The wells are in use and comply with 30 TAC §238.
  - X There are no wells or test holes of any kind known to exist on the project site.
- 21. Geologic or manmade features which are on the site:
  - X All sensitive and possibly sensitive geologic or manmade features identified in the Geologic Assessment are shown and labeled.
  - \_\_\_\_ No **sensitive and possibly sensitive** geologic or manmade features were identified in the Geologic Assessment.
  - \_\_\_\_ ATTACHMENT D Exception to the Required Geologic Assessment. An exception to the Geologic Assessment requirement is requested and explained in ATTACHMENT D provided at the end of this form. Geologic or manmade features were found and are shown and labeled.
  - \_\_\_\_ ATTACHMENT D Exception to the Required Geologic Assessment. An exception to the Geologic Assessment requirement is requested and explained in ATTACHMENT D provided at the end of this form. No geologic or manmade features were found.
- 22. X The drainage patterns and approximate slopes anticipated after major grading activities.
- 23. X Areas of soil disturbance and areas which will not be disturbed.
- 24. X Locations of major structural and nonstructural controls. These are the temporary and permanent best management practices.
- 25. X Locations where soil stabilization practices are expected to occur.
- 26. <u>NA</u> Surface waters (including wetlands).
- 27. \_\_\_\_ Locations where stormwater discharges to surface water or sensitive features.
  - X There will be no discharges to surface water or sensitive features.

#### ADMINISTRATIVE INFORMATION

- 28. X One (1) original and three (3) copies of the completed application have been provided.
- 29. X Any modification of this WPAP will require TCEQ executive director approval, prior to construction, and may require submission of a revised application, with appropriate fees.

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

#### David McBeth, P.E. Carter & Burgess, Inc. Print Name of Customer/Agent

Man Signature of Customer/Agent

4/25/08

Date

### Attachment A - Factors Affecting Water Quality

The development will consist of adding a restaurant, additional parking, and street. This development will produce little pollution due to the small amount of impervious cover being added to the site. Pollution may originate from ordinary cleaning chemicals, normal automobile wastes, and runoff from asphalt streets. In the case of a spill, proper procedures will be taken in accordance with "Complying with Edwards Aquifer Rules: Technical Guidance on Best Management Practices," revised July 2005.

#### Attachment B - Volume and Character of Stormwater

The development of this site will result in a minimal increase in stormwater runoff. Runoff calculations for the watershed were performed using the Rational Method. The "C" value for the existing conditions is 59, and the "C" value for proposed conditions is 63. For the 100-year storm event, stormwater runoff increased by this 9.3 acre site from 86cfs to 95 cfs. This is an increase of 10%. For the 25-year storm event, stormwater runoff increased from 70 cfs to 78cfs. This is an increase of 11%. City of New Braunfels requires that the additional stormwater be detained and released at a rate not to exceed existing conditions.

Drainage patterns for the site will remain relatively unchanged. Low areas and swales will remain in their original condition, therefore offering natural vegetative filtering capabilities. In addition, permanent vegetative filter strips will be incorporated to offer treatment of runoff as detailed in the Permanent Stormwater Section.

Due to the fact that the majority of the drainage lows will remain in their natural condition and the net increase in impervious cover is 4%, the quality of stormwater runoff leaving the site will remain unchanged after incorporating appropriately sized temporary and permanent BMP's for the project.



AREA 1 Background Load Calculations Site Area = 4.003ac Existing Impervious Area = 0.246ac (6.1 % Imp)  $Rv = 0.546(IC)^2 + 0.328(IC) + 0.030$ Rv Exist = 0.546(.061)^2 + 0.328(0.061) + 0.030

Au = Site Area - Impervious Area Au = 4.003ac - 0.246ac Au = 3.757ac

*Rv Exist* = 0.052

 $L=P(Au \times 0.54 + Ad \times Rv \times 38.4)$  $L=33(3.757 \times 0.54 + 0.246 \times 0.052 \times 38.4)$ L=83.2

Post Development Load  $Rv = 0.546(IC)^{2} + 0.328(IC) + 0.030$  $Rv Prop = 0.546(0.30)^2 + 0.328(0.30) + 0.030$ Rv Prop = 0.178

 $L = A \times P \times Rv \times 38.4$ L = 4.003ac x 33 x 0.178 x 38.4 L = 902.9

Required Reduction Lr = 0.8(Post Dev. Load - Pre Dev. Load) Lr = 0.8(902.9 - 83.2) Lr = 655.8

FS = Fraction of Site Treated

Lr = Li x FS x (TSS Removal Efficiency) 655.8 = 902.9 x FS x 0.85 FS = 0.855

Minimum Fraction of Impervious Area that must be treated is.

MF = FS x Proposed Impervious Area MF = 0.885 x 1.203 MF = 1.065ac

Required Treatment Area

Maximum Hydraulic Loading = 4.6ft^3/ft^2  $MHL = P \times MF/TA$ 4.6ft^3/ft^2 = 33in x 1ft/12in x 1.065ac/TA

TA = 0.64acProposed Vegetative Filter Strips = 1.15ac

AREA 2

**Background Load Calculations** 

Site Area = 3.352ac Existing Impervious Area = 1.262ac (37.6 % Imp) Proposed Impervious Area = 1.824ac (54.4 % Imp)

 $Rv = 0.546(IC)^2 + 0.328(IC) + 0.030$ Rv Exist = 0.546(0.376)^2 + 0.328(0.376) + 0.030 Rv Exist = 0.231

Au = Site Area - Impervious Area Au = 3.352ac - 1.262ac Au = 2.09ac

 $L=P(Au \times 0.54 + Ad \times Rv \times 38.4)$ L=33(2.09 x 0.54 + 1.262 x 0.231 x 38.4) L=406.7

Post Development Load

 $Rv = 0.546(IC)^2 + 0.328(IC) + 0.030$  $Rv Prop = 0.546(.544)^2 + 0.328(0.544) + 0.030$ Rv Prop = 0.37

 $L = A \times P \times R \times 38.4$ L = 3.352ac x 33 x 0.37 x 38.4 L = 1571.6

**Required Reduction** 

Lr = 0.8(Post Dev. Load - Pre Dev. Load) Lr = 0.8(1571.6 - 406.7)Lr = 931.9

FS = Fraction of Site Treated

Lr = Li x FS x (TSS Removal Efficiency) 931.9 = 1571.6 x FS x 0.85 FS = 0.697

Minimum Fraction of Impervious Area that must be treated is.

MF = FS x Proposed Impervious Area MF = 0.697 x 1.824 MF = 1.271ac

**Required Treatment Area** 

Maximum Hydraulic Loading = 4.6ft^3/ft^2

 $MHL = P \times MF/TA$ 4.6ft^3/ft^2 = 33in x 1ft/12in x 1.271ac/TA TA = 0.760ac

Proposed Vegetative Filter Strips = 0.77ac

AREA 3

Site Area = 0.411ac

Existing Impervious Area = 0.0ac (0.0 % Imp)

 $Rv Exist = 0.546(0.0)^{2} + 0.328(0.0) + 0.030$ Rv Exist = 0.030

Au = 0.411ac - 0.0ac Au = 0.411ac

 $L=P(Au \times 0.54 + Ad \times Rv \times 38.4)$ L=33(0.411 x 0.54 + 0.0 x 0.030 x 38.4) L=7.32

Post Development Load  $Rv = 0.546(IC)^2 + 0.328(IC) + 0.030$  $Rv Prop = 0.546(0.414)^2 + 0.328(0.414) + 0.030$ Rv Prop = 0.259

 $L = A \times P \times R \times 38.4$  $L = 0.411ac \times 33 \times 0.259 \times 38.4$ L = 134.9

**Required Reduction** Lr = 0.8(Post Dev. Load - Pre Dev. Load) Lr = 0.8(134.9 - 7.32)Lr = 102.1

FS = Fraction of Site Treated

Lr = Li x FS x (TSS Removal Efficiency) 102.1 = 134.9 x FS x 0.85 FS = 0.89

treated is.

MF = 0.89 x 0.170 MF = 0.15ac

**Required Treatment Area** 

Maximum Hydraulic Loading = 4.6ft^3/ft^2

4.6ft^3/ft^2 = 33in x 1ft/12in x 0.15ac/TA TA = 0.09ac

Proposed Vegetative Filter Strips = 0.10ac

Rv Exist = 0.143

**Required Treatment Area** 

 $MHL = P \times MF/TA$ 

Site Area = 0.383ac

Au = 0.383ac - 0.0ac

Post Development Load

 $L = A \times P \times R \times 38.4$ 

**Required Reduction** 

Lr = 0.8(95.6 - 6.83)

treated is.

 $MHL = P \times MF/TA$ 



#### **Temporary Stormwater Section**

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

#### REGULATED ENTITY NAME: TBAR M, INC./

#### 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:
  - Aboveground storage tanks with a cumulative storage capacity of less that 250 gallons will be stored on the site for less than one (1) year.
  - Aboveground storage tanks with a cumulative storage capacity between 250 gallons and 499 gallons will be stored on the site for less than one (1) year.
  - \_\_\_\_ Aboveground storage tanks with a cumulative storage capacity of 500 gallons or more will be stored on the site. An **Aboveground Storage Tank Facility Plan** application must be submitted to the appropriate regional office of the TCEQ prior to moving the tanks onto the project.
  - **X** Fuels and hazardous substances will not be stored on-site.
- 2. X ATTACHMENT A Spill Response Actions. A description of the measures to be taken to contain any spill of hydrocarbons or hazardous substances is provided at the end of this form.
- 3. <u>N/A</u> 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. X ATTACHMENT B Potential Sources of Contamination. Describe in an attachment at the end of this form any other activities or processes which may be a potential source of contamination.
  - **N/A** The are no other potential sources of contamination.

#### SEQUENCE OF CONSTRUCTION

5. <u>X</u> 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 provided at the end of this form. For each activity described, an estimate of the total area of the site to be disturbed by each activity is given.



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: Bud the cost of the project:

#### **TEMPORARY BEST MANAGEMENT PRACTICES (TBMPs)**

Erosion control examples: tree protection, interceptor swales, level spreaders, outlet stabilization, blankets TCEQ-0602 (Rev. 10/01/04) Page 1 of 4 M:\310627.012\_T BAR M\dwg\WPAP\WPAP\_Report\\_7\_F-0602\_temporary\_stormwater.doc 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. X ATTACHMENT D Temporary Best Management Practices and Measures. A description of the TBMPs and measures that will be used during and after construction are provided at the end of this form. For each activity listed in the sequence of construction, include appropriate control measures and the general timing (or sequence) during the construction process that the measures will be implemented.
  - **X** 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 has been provided in the attachment at the end of this form
  - 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.
  - 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.
  - c. A description of how BMPs and measures will prevent pollutants from entering surface streams, sensitive features, or the aquifer.
  - 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.
- 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 provided at the end of this form. The request includes justification as to why no reasonable and practicable alternative exists for each feature.
  - **X** There will be no temporary sealing of naturally-occurring sensitive features on the site.
- 9. X ATTACHMENT F Structural Practices. Describe 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. Placement of structural practices in floodplains has been avoided.
- 10. X ATTACHMENT G Drainage Area Map. A drainage area map is provided at the end of this form to support the following requirements.
  - \_\_\_\_ 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.
- X There are no areas greater than 10 acres within a common drainage area that will be disturbed at one time. A smaller sediment basin and/or sediment trap(s) will be used in combination with other erosion and sediment controls within each disturbed drainage area.
- 11. <u>N/A</u> 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 has 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 provided as at the end of this form.
- 12. X ATTACHMENT I Inspection and Maintenance for BMPs. A plan for the inspection of temporary BMPs and measures and for their timely maintenance, repair, and, if necessary, retrofit is provided at the end of this form. A description of documentation procedures and recordkeeping practices is included in the plan.
- 13. <u>X</u> All control measures must be properly selected, installed, and maintained in accordance with the manufacturers specifications and good engineering practices. If periodic inspections by the applicant or the executive director, or other information indicates a control has been used inappropriately, or incorrectly, the applicant must replace or modify the control for site situations.
- 14. <u>X</u> 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. **N/A** 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. X 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 at the end of this form.

- 18.  $\underline{X}$  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. <u>X</u> Stabilization practices must be initiated as soon as practicable where construction activities have temporarily or permanently ceased.

#### ADMINISTRATIVE INFORMATION

- 20. X All structural controls will be inspected and maintained according to the submitted and approved operation and maintenance plan for the project.
- 21. X 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. X 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.

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:

David McBeth, P.E. Carter & Burgess, Inc. Print Name of Customer/Agent

Signature of Customer/Agent

4/8/08 Date

#### Attachment A – Spill Response Actions

There will be <u>no</u> above ground fuel storage tanks allowed on this project. Equipment will be fueled using mobile fuel trucks as needed. There is a small chance of a fuel spill occurring due to leaking construction equipment or re-fueling operations. If a minor spill were to occur, the soil impacted would be removed from the site and properly disposed of in an approved landfill site. If a major spill were to occur, where the amounts spilled were equal to, or exceeding, the Reportable Quantity, RQ, as defined by EPA regulations 40 CFR Parts 110, 119, and 302 then the following steps will be taken.

The following steps will help reduce the stormwater impacts of leaks and spills, in accordance with the Technical Guidance on Best Management Practices, Section 1.4.16, pg(s) 1-118 – 1-121:

#### Education

(1) Be aware that different materials pollute in different amounts. Make sure that each employee knows what a "significant spill" is for each material they use, and what is the appropriate response for "significant" and "insignificant" spills.

Employees should also be aware of when spill must be reported to the TCEQ. Information available in 30 TAC 327.4 and 40 CFR 302.4.

(2) Educate employees and subcontractors on potential dangers to humans and the environment from spills and leaks.

(3) Hold regular meetings to discuss and reinforce appropriate disposal procedures (incorporate into regular safety meetings).

(4) Establish a continuing education program to indoctrinate new employees.

(5) Have contractor's superintendent or representative oversee and enforce proper spill prevention and control measures.

#### **General Measures**

(1) To the extent that the work can be accomplished safely, spills of oil, petroleum products, and substances listed under 40 CFR parts 110,117, and 302, and sanitary and septic wastes should be contained and cleaned up immediately.

(2) Store hazardous materials and wastes in covered containers and protect from vandalism.

(3) Place a stockpile of spill cleanup materials where it will be readily accessible.

(4) Train employees in spill prevention and cleanup.

(5) Designate responsible individuals to oversee and enforce control measures.

(6) Spills should be covered and protected from stormwater runoff during rainfall to the extent that it doesn't compromise clean up activities.

(7) Do not bury or wash spills with water.

(8) Store and dispose of used clean up materials, contaminated materials, and recovered spill material that is no longer suitable for the intended purpose in conformance with the provisions in applicable BMP's.

(9) Do not allow water used for cleaning and decontamination to enter storm drains or watercourses. Collect and dispose of contaminated water in accordance with applicable regulations.

(10) Contain water overflow or minor water spillage and do not allow it to discharge into drainage facilities or watercourses.

(11) Place Material Safety Data Sheets (MSDS), as well as proper storage, cleanup, and spill reporting instructions for hazardous materials stored or used on the project site in an open, conspicuous, and accessible location.

(12) Keep waste storage areas clean, well organized, and equipped with ample cleanup supplies as appropriate for the materials being stored. Perimeter controls, containment structures, covers, and liners should be repaired or replaced as needed to maintain proper function.

#### Cleanup

(1) Clean up leaks and spills immediately.

(2) Use a rag for small spills on paved surfaces, a damp mop for general cleanup, and absorbent material for larger spills. If the spilled material is hazardous, then the used cleanup materials are also hazardous and must be disposed of as hazardous waste.(3) Never hose down or bury dry material spills. Clean up as much of the material as possible and dispose of properly. See the waste management BMP's in this section for specific information.

#### **Minor Spills**

(1) Minor spills typically involve small quantities of oil, gasoline, paint, etc. which can be controlled by the first responder at the discovery of the spill.

(2) Use absorbent materials on small spills rather than hosing down or burying the spill.

(3) Absorbent materials should be promptly removed and disposed of properly.

(4) Follow the practice below for a minor spill:

(5) Contain the spread of the spill.

(6) Recover spilled materials.

(7) Clean the contaminated area and properly dispose of contaminated materials.

#### Semi-Significant Spills

Semi-significant spills still can be controlled by the first responder along with the aid of other personnel such as laborers and the foreman, etc. This response may require the cessation of all other activities.

Spills should be cleaned up immediately:

(1) Contain spread of the spill.

(2) Notify the project foreman immediately.

(3) If the spill occurs on paved or impermeable surfaces, clean up using "dry" methods (absorbent materials, cat litter and/or rags). Contain the spill by encircling with absorbent materials and do not let the spill spread widely.

(4) If the spill occurs in dirt areas, immediately contain the spill by constructing an earthen dike. Dig up and properly dispose of contaminated soil.

(5) If the spill occurs during rain, cover spill with tarps or other material to prevent contaminating runoff.

#### Significant/Hazardous Spills

For significant or hazardous spills that are in reportable quantities:

(1) Notify the TCEQ by telephone as soon as possible and within 24 hours at 512-339-2929 (Austin) or 210-490-3096 (San Antonio) between 8 AM and 5 PM. After hours, contact the Environmental Release Hotline at 1-800-832-8224. It is the contractor's responsibility to have all emergency phone numbers at the construction site. (2) For spills of federal reportable quantities, in conformance with the requirements in 40 CFR parts 110,119, and 302, the contractor should notify the National Response Center at (800) 424-8802.

(3) Notification should first be made by telephone and followed up with a written report.(4) The services of a spills contractor or a Haz-Mat team should be obtained immediately. Construction personnel should not attempt to clean up until the appropriate and qualified staffs have arrived at the job site.

(5) Other agencies which may need to be consulted include, but are not limited to, the City Police Department, County Sheriff Office, Fire Departments, etc.

More information on spill rules and appropriate responses is available on the TCEQ website at: <u>http://www.tnrcc.state.tx.us/enforcement/emergency\_response.html</u>

#### Vehicle and Equipment Maintenance

(1) If maintenance must occur onsite, use a designated area and a secondary containment, located away from drainage courses, to prevent the runoff of stormwater and the runoff of spills.

(2) Regularly inspect onsite vehicles and equipment for leaks and repair immediately(3) Check incoming vehicles and equipment (including delivery trucks, and employee and subcontractor vehicles) for leaking oil and fluids. Do not allow leaking vehicles or equipment onsite.

(4) Always use secondary containment, such as a drain pan or drop cloth, to catch spills or leaks when removing or changing fluids.

(5) Place drip pans or absorbent materials under paving equipment when not in use.

(6) Use absorbent materials on small spills rather than hosing down or burying the spill. Remove the absorbent materials promptly and dispose of properly.

(7) Promptly transfer used fluids to the proper waste or recycling drums. Don't leave full drip pans or other open containers lying around.

(8) Oil filters disposed of in trashcans or dumpsters can leak oil and pollute stormwater. Place the oil filter in a funnel over a waste oil-recycling drum to drain excess oil before disposal. Oil filters can also be recycled. Ask the oil supplier or recycler about recycling oil filters.

(9) Store cracked batteries in a non-leaking secondary container. Do this with all cracked batteries even if you think all the acid has drained out. If you drop a battery, treat it as if it is cracked. Put it into the containment area until you are sure it is not leaking.

#### Vehicle and Equipment Fueling

(1) If fueling must occur on site, use designated areas, located away from drainage courses, to prevent the runoff of stormwater and the runoff of spills.

(2) Discourage "topping off" of fuel tanks.

(3) Always use secondary containment, such as a drain pan, when fueling to catch spills/ leaks.

#### Attachment B - Potential Sources of Contamination

Potential sources of contamination are construction equipment leaks, re-fueling spills and asphalt lay down operations, on-site trash, and port-o-lets. There are no other anticipated potential sources of contamination.

#### Attachment C - Sequence of Major Activities

Stages of Construction:

The following construction sequence will occur for the project:

- 1. Clearing and Grubbing removal of concrete, pavement, fences, trees, stumps, brush and other debris within the limits of the project. Approximate disturbed area = 1.1 acres
- 2. Rough Grading Cutting and filling of site area to prepare the access road and parking area pavement and construction. Approximate disturbed area = 0.4 acres
- 3. Construction of restaurant building. Approximate disturbed area = 0.1 acres
- 4. Utility Installation There will be underground water, sanitary sewer, telephone and electric lines installed. Approximate disturbed area = 0.1 acres
- 5. Finished Grading Final landscaping and asphalt pavement layers are installed. Approximate disturbed area = 1.0 acres
- 6. Establishment of permanent engineered vegetated filter strips and permanent revegetation of all disturbed areas. Approximate disturbed area = 0.3 acres

#### Attachment D - Temporary BMPs and Measures

Soil disturbance will be limited to the building site, access road and parking. No soil disturbance will occur outside of the project limits. Silt fence will be placed on the down gradient side of the site to contain pollutants generated from on-site runoff. A stabilized construction entrance and exit will be installed at the entrance to the project site as shown on the Temporary Pollution Abatement Plan Sheet, to help eliminate contaminants from leaving the site during construction traffic. The temporary measures will be maintained throughout the project, therefore, reducing the potential of polluting streams and the aquifer.

- A. Stormwater flow through vegetated areas upgradient of the project site will continue to be intercepted along the southeasterly edge of the project and directed northeasterly. Additional flows upgradient of the site that aren't intercepted will sheet flow northwesterly through the project site. Silt fence will be provided along the downstream side of the proposed parking area to contain pollutants and sediments generated from onsite runoff.
- B. Stormwater originating onsite will sheet flow northwesterly through the site. Silt fence will be provided along the downstream side of the proposed parking area to contain pollutants and sediment generated from onsite runoff. A rock berm will be provided along T Bar M Drive as required to limit runoff velocities exiting the site. All of the low areas which collect storm water runoff will remain in a natural state acting as vegetative filter strips. A stabilized construction entrance/exit will be provided near the southerly driveway onto T Bar M Drive. The stabilized construction entrance/exit will reduce the sediment transport onto public roadways. A concrete washout area will be provided near the construction entrance/exit onto T Bar M Drive, which will reduce the amount of concrete waste entering the stormwater runoff. Construction traffic will be required to utilize T Bar M Drive to access Highway 46 and will be cleaned as necessary to prevent tracking of sediment onto Highway 46.
- C. Stormwater generated by this project will be further treated as it leaves the project site and crosses a series of existing grassy swales. All of the low areas which collect storm water runoff will remain in a natural state acting as vegetative filter strips prior to the treated runoff entering surface streams, the aquifer or other sensitive features
- D. There were no sensitive features identified in the Geologic Assessment. The naturally occurring <u>possibly</u> sensitive features that were identified in the Geologic Assessment will be protected during construction by temporarily diverting runoff away from the features or placing silt fence just upstream of the feature location.

#### Attachment E – Request to Temporarily Seal a Feature

There will be no temporary sealing of any naturally-occurring sensitive features on the site.

#### Attachment F – Structural Practices

All temporary controls will be installed in accordance with the Technical Guidance on Best Management Practices (Chapter 1.4) and are shown on the Temporary Stormwater Plan.

The structural practices for this project site are described below:

- Silt fence will be provided along the downstream side of the proposed parking area to protect exposed soils and to prevent contamination from leaving the project site or flowing into the features identified in the Geologic Assessment.
- A rock berm will be provided along T Bar M Drive as required to limit stormwater velocities exiting the site.
- A stabilized construction entrance/exit will be provided near the southerly driveway onto T Bar M Drive. The stabilized construction entrance/exit will reduce the sediment transport onto the roadways.
- A concrete washout area will also be provided near the construction entrance/exit. The concrete washout area will reduce the amount of concrete waste entering the stormwater runoff.
- Construction traffic will be required to utilize T Bar M Drive to access Highway 46. T Bar M Drive will be cleaned as necessary to prevent tracking of sediment onto Highway 46.
- Stormwater generated by this project will be further treated as it leaves the project site and crosses a series of existing grassy swales. All of the low areas which collect storm water runoff will remain in a natural state therefore natural filtration will be allowed to occur

#### Attachment G - Drainage Area Map

The areas of soil disturbance is approximately 1.1 acres, therefore there will be no areas greater than 10 acres within a common drainage area.

See attached drainage area map.

#### Attachment H - Temporary Sediment Pond(s) Plans and Calculations

There will not be more than 10-acres of disturbed soil in a common drainage area that will occur at one time. Silt fence will be used for the small drainage areas and sheet flow runoff. No sediment ponds will be used on this project due to the minimal disturbance area.

#### Attachment I – Inspection and Maintenance for BMPs

#### **Inspection and Maintenance Plan**

- The contractor is required to inspect the controls and fences at weekly intervals and after any rainfall events to insure that they are functioning properly. The person(s) responsible for maintenance of controls and fences shall immediately make any necessary repairs to damaged areas. Silt accumulation at controls must be removed when the depth reaches six inches. Contractor is required to maintain the construction exit in a condition that prevents soil from tracking onto public roads via construction equipment and traffic.
- TCEQ staff will be allowed full access to the property during construction of the project for inspecting controls and fences and to verify that the accepted plan is being utilized in the field. TCEQ staff has the right to speak with the contractor to verify plan changes and modifications.
- Any changes made to the location or type of controls shown on the accepted plans, due to onsite conditions, shall be documented on the site plan that is part of this Water Pollution Abatement Plan. No other changes shall be made unless approved by the TCEQ and the Design Engineer. Documentation shall clearly show changes made, date, and person responsible and reason change was made.

#### **Owner's Information:**

Owner:	T Bar M, Inc. \ Center for Christian Growth
Contact:	Scott Turpin
Phone #:	(214) 692-4254
Address:	8201 Preston Road
	Dallas, Texas 75225

#### **Owner's Engineer:**

Company:	Carter & Burgess, Inc.
Contact:	David McBeth, PE
Phone #:	(210) 494-0088
Address:	911 Central Pkwy North, #425
	San Antonio, Texas 78232

#### Person or Firm Responsible For Erosion/Sedimentation Control Maintenance:

Company:	 Phone #:()
Contact:	
Address:	

Signature of Responsible Party:

# This portion of the form shall be filled out and signed by the responsible party prior to construction.

M:\310627.012\_T BAR M\dwg\WPAP\WPAP\_Report\\_8\_Temporary Stormwater-Att A-J.doc Page 7 of 8

#### Attachment J - Schedule of Interim and Permanent Soil Stabilization Practices

There will be minimal disturbed soil due to construction operations that are not covered by pavement or buildings. The area is currently developed with parking and grass areas around the perimeter. Areas, which are disturbed by construction staging, and storage areas will be hydro mulched with the appropriate seed mixture. Areas between the edge of pavement and right-of-way line will also be hydro mulched if a soil layer exists. Areas within islands and the entrance will be landscaped with appropriate plants and mulched. There will be no fill slopes exceeding a 3:1 slope and all fill slopes will be hydro mulched.

Installation of hydro mulch is as follows:

- 1. Final grading must be completed and all necessary BMPs should be in place prior to the addition of hydro mulch.
- 2. Hydro mulch mixture shall be as recommended by the County Agriculture Extension Agent or as shown below for the specific time of year and whether or not irrigation will be utilized.
- 3. Hydro mulch shall be applied at a rate stipulated by the Extension Agent or as shown below and shall be applied in a uniform manner
- 4. Other types of seeding applications may be used by the Contractor if approved by the Design Engineer and TCEQ.
- 5. If blankets or matting are used, they shall conform to the Texas Department of Transportation specifications.

Stabilization measures shall be initiated as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, but in no case more than 14 days after the construction activity in that portion of the site has temporarily or permanently ceased. Where the initiation of stabilization measures by the 14<sup>th</sup> day after construction activity temporarily or permanently cease is precluded by weather conditions, stabilization measures shall be initiated as soon as practicable. Where construction activity on a portion of the site is temporarily ceased, and earth disturbing activities will be resumed with 21 days, temporary stabilization measures do not have to be initiated on that portion of the site. In areas experiencing droughts where the initiation of stabilization measures by the 14<sup>th</sup> day after construction activity has temporarily or permanently ceased is precluded by seasonal arid conditions, stabilization measures shall be initiated as soon as practicable.

Dates	Climate	Species	(lb/ac)
Sept. 1 to Nov. 30	Temporary Cool Season	Tall Fescue	4.0
		Oats	21.0
		Wheat	30.0
		Total	55.0
Sept. 1 to Nov. 30	Cool Season Legume	Hairy Vetch	8.0
May 1 to Aug. 31	Temporary Warm Season	Foxtail Millet	30.0



### Texas Commission on Environmental Quality Water Pollution Abatement Plan General Construction Notes

- 1. Written construction notification must be given to the appropriate TCEQ regional office no later than 48 hours prior to commencement of the regulated activity. Information must 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 and the name and telephone number of the contact person.
- 2. All contractors conducting regulated activities associated with this project must be provided with complete copies of the approved Water Pollution Abatement Plan and the TCEQ letter indicating the specific conditions of its approval. During the course of these regulated activities, the contractors are required to keep on-site copies of the approved plan and approval letter.
- 3. If any sensitive feature is discovered during construction, all regulated activities near the sensitive feature must be suspended immediately. The appropriate TCEQ regional office must be immediately notified of any sensitive features encountered during construction. The regulated activities near the sensitive feature may not proceed until the TCEQ has reviewed and approved the methods proposed to protect the sensitive feature and the Edwards Aquifer from any potentially adverse impacts to water quality.
- 4. No temporary aboveground hydrocarbon and hazardous substance storage tank system is installed within 150 feet of a domestic, industrial, irrigation, or public water supply well, or other sensitive feature.
- 5. Prior to commencement of construction, all temporary erosion and sedimentation (E&S) control measures must be properly selected, installed, and maintained in accordance with the manufacturers specifications and good engineering practices. Controls specified in the temporary storm water section of the approved Edwards Aquifer Protection 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.
- 6. 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).
- 7. 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.
- 8. 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).
- 9. All spoils (excavated material) generated from the project site must be stored on-site with proper E&S controls. For storage or disposal of spoils at another site on the Edwards Aquifer Recharge Zone, the owner of the site must receive approval of a water pollution abatement plan for the placement of fill material or mass grading prior to the placement of spoils at the other site.
- 10. Stabilization measures shall be initiated as soon as practicable in portions of the site where

construction activities have temporarily or permanently ceased, but in no case more than 14 days after the construction activity in that portion of the site has temporarily or permanently ceased. Where the initiation of stabilization measures by the 14th day after construction activity temporary or permanently cease is precluded by weather conditions, stabilization measures shall be initiated as soon as practicable. Where construction activity on a portion of the site is temporarily ceased, and earth disturbing activities will be resumed within 21 days, temporary stabilization measures do not have to be initiated on that portion of site. In areas experiencing droughts where the initiation of stabilization measures by the 14th day after construction activity has temporarily or permanently ceased is precluded by seasonal arid conditions, stabilization measures shall be initiated as soon as practicable.

- 11. The following records shall 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.
- 12. The holder of any approved Edward Aquifer protection 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 water pollution abatement structure(s), including but not limited to ponds, dams, berms, sewage treatment plants, and diversionary structures;
  - B. any change in the nature or character of the regulated activity from that which was originally approved or a change which would significantly impact the ability of the plan to prevent pollution of the Edwards Aquifer;
  - C. any development of land previously identified as undeveloped in the original water pollution abatement plan.

Austin Regional Office	San Antonio Regional Office
1921 Cedar Bend, Suite 150	14250 Judson Road
Austin, Texas 78758-5336	San Antonio, Texas 78233-4480
Phone (512) 339-2929	Phone (210) 490-3096
Fax (512) 339-3795	Fax (210) 545-4329

# THESE GENERAL CONSTRUCTION NOTES MUST BE INCLUDED ON THE CONSTRUCTION PLANS PROVIDED TO THE CONTRACTOR AND ALL SUBCONTRACTORS.

## VEGETATIVE FILTER STRIPS

### NATURAL FILTER STRIPS

1. THE FILTER STRIP SHOULD EXTEND ALONG THE ENTIRE LENGTH OF THE CONTRIBUTING AREA.

2. THE SLOPE SHOULD NOT EXCEED 10%.

3. THE MINIMUM DIMENSION (IN THE DIRECTION OF FLOW) SHOULD BE 50 FEET.

4. ALL OF THE FILTER STRIP SHOULD LIE ABOVE THE ELEVATION OF THE 2-YR, 3-HR STORM OF ANY ADJACENT DRAINAGE.

5. THERE IS NO REQUIREMENT FOR VEGETATION DENSITY OR TYPE.

### ENGINEERED FILTER STRIPS

1. THE FILTER STRIP SHOULD EXTEND ALONG THE ENTIRE LENGTH OF THE CONTRIBUTING AREA AND THE SLOPE SHOULD NOT EXCEED 20%. THE MINIMUM DIMENSION OF THE FILTER STRIP (IN THE DIRECTION OF FLOW) SHOULD BE NO LESS THAN 15 FEET. THE MAXIMUM WIDTH (IN THE DIRECTION OF FLOW) OF THE CONTRIBUTING IMPERVIOUS AREA SHOULD NOT EXCEED 72 FEET. FOR ROADWAYS WITH A VEGETATED STRIP ALONG BOTH SIDES, THE TOTAL WIDTH OF THE ROADWAY SHOULD NOT EXCEED 144 FEET (I.E., 72 FEET DRAINING TO EACH SIDE).

2. THE MINIMUM VEGETATED COVER FOR ENGINEERED STRIPS IS 80%.

3. THE AREA CONTRIBUTING RUNOFF TO A FILTER STRIP SHOULD BE RELATIVELY FLAT SO THAT THE RUNOFF IS DISTRIBUTED EVENLY TO THE VEGETATED AREA WITHOUT THE USE OF A LEVEL SPREADER.

4. THE AREA TO BE USED FOR THE STRIP SHOULD BE FREE OF GULLIES OR RILLS THAT CAN CONCENTRATE OVERLAND FLOW.

5. THE TOP EDGE OF THE FILTER STRIP ALONG THE PAVEMENT WILL BE DESIGNED TO AVOID THE SITUATION WHERE RUNOFF WOULD TRAVEL ALONG THE TOP OF THE FILTER STRIP, RATHER THAN THROUGH IT.

6. TOP EDGE OF THE FILTER STRIP SHOULD BE LANDSCAPED AFTER PTHER PORTIONS OF THE PROJECT ARE COMPLETED.

A WATER POLLUTION ABATEMENT PLAN IS REQUIRED FOR THIS PROJECT. NO EXCAVATION OR EARTH MOVING ACTIVITIES MAY BEGIN UNTIL THE CONTRACTOR RECEIVES A COPY OF THE APPROVED WPAP OR A NOTICE TO PROCEED FROM THE ENGINEER. UPON APPROVAL OF THE WPAP, THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER FOR TYPE AND PLACEMENT OF STRUCTURAL BMPs THAT MEET THE REQUIREMENTS OF THE TCEQ. THIS WORK SHALL BE PAID FOR UNDER ITEM 5000 "WATER POLLUTION ABATEMENT PLAN".

PARENIE PAREN

STABILIZED

ENTRANCE

CONSTRUCTION-

S-1 &

CONCRETE

WASHOUT PIT

EDDET. HOTEL

0



NOO.

COMMON

ROCK BERM

00

CAPETINEA FFE - WALST (\*

NOTE: T Bar M DR TO BE MAINTAINED TO PREVENT SEDIMENT/MUD FROM TRACKING ONTO HIGHWAY 46.

||| ||| |||

0

PERSONAL PROPERTY AND

T BAR M DRIVE

ATTA

CENTER

 $\langle \rangle$ 

12-044

12.044

EXIST.

SPORTS

FIELD



3.

4.

5.

6.

0

SH 46



#### **EROSION / SEDIMENTATION CONTROL**

This project is within the Edwards Aquifer Recharge Zone. All construction procedures within the scope of this contract shall comply with TCEQ regulations for construction work over the Edwards Aquifer Recharge Zone.

The TECQ requires erosion and sedimentation controls for construction over the Edwards Recharge Zone. Contractor shall provide erosion and sedimentation controls as noted on the project's plans. Contractor shall abide by all plan requirements.

At a minimum, these controls shall consist of rock berms and/or silt fences constructed parallel to and down gradient from the trenches. The rock berm or silt fences shall be installed in a manner such that any rainfall runoff shall be filtered. Hay bales shall not be used for temporary erosion and sedimentation controls.

All temporary erosion and sedimentation controls must be installed prior to construction and shall be maintained during construction by the contractor. The contractor shall remove the controls when vegetation is established and the construction area is stabilized per 31 TAC 313.5 (c)(12). Additional protection may be required if excessive solids are being discharged from the site.

All temporary erosion and sedimentation controls shall be removed by the contractor at final acceptance of the project by the owner/engineer.

Placement of temporary erosion and sedimentation controls shall be in accordance with the construction plans. Actual locations may vary slightly from the plans, but will be verified by the engineer/inspector in the field prior to construction. The contractor shall inspect the controls at weekly intervals and after every significant rainfall to insure disturbance of the structures has not occurred. Sediment deposited after a rainfall shall be removed from the site or placed in an engineer approved designated disposal area.

#### **TELEPHONE LOCATOR**

Note: "The existence and location of underground cable indicated on the plans are taken from the best records available and are not guaranteed to be accurate. Contractor to contact the telephone company cable locator 48 hours prior to excavation at 1-800-828-5127. Contractor has the responsibility to protect and support telephone company plant during construction."

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER POLLUTION ABATEMENT PLAN **GENERAL CONSTRUCTION NOTES** 

- 1. Written construction notification must be given to the appropriate TCEQ regional office no later than 48 hours prior to commencement of the regulated activity. Information must 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 and the name and telephone number of the contact person.
- 2. All contractors conducting regulated activities associated with this project must be provided with complete copies of the approved Water Pollution Abatement Plan and the TCEQ letter indicating the specific conditions of its approval. During the course of these regulated activities, the contractors are required to keep on-site copies of the approved plan and approval letter.
- 3. If any sensitive feature is discovered during construction, all regulated activities near the sensitive feature must be suspended immediately. The appropriate TCEQ regional office must be immediately notified of any sensitive features encountered during construction. The regulated activities near the sensitive feature may not proceed until the TCEQ has reviewed and approved the methods proposed to protect the sensitive feature and the Edwards Aquifer from any potentially adverse impacts to water quality.
- 4. No temporary aboveground hydrocarbon and hazardous substance storage tank system is installed within 150 feet of a domestic, industrial, irrigation, or public water supply well, or other sensitive feature.
- Prior to commencement of construction, all temporary erosion and sedimentation (E&S) control measures must be properly selected, installed, and maintained in accordance with the manufacturers specifications and good engineering practices. Controls specified in the temporary storm water section of the approved Edwards Aquifer Protection 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.
- 6. 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).
- 7. 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.
- 8. 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).
- 9. All spoils (excavated material) generated from the project site must be stored on-site with proper E&S controls. For storage or disposal of spoils at another site on the Edwards Aquifer Recharge Zone, the owner of the site must receive approval of a water pollution abatement plan for the placement of fill material or mass grading prior to the placement of spoils at the other site.
- 10. Stabilization measures shall be initiated as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, but in no case more than 14 days after the construction activity in that portion of the site has temporarily or permanently ceased. Where the initiation of stabilization measures by the 14th day after construction activity temporary or permanently cease is precluded by weather conditions, stabilization measures shall be initiated as soon as practicable. Where construction activity on a portion of the site is temporarily ceased, and earth disturbing activities will be resumed within 21 days, temporary stabilization measures do not have to be initiated on that portion of site. In areas experiencing droughts where the initiation of stabilization measures by the 14th day after construction activity has temporarily or permanently ceased is precluded by seasonal arid conditions, stabilization measures shall be initiated as soon as practicable.
- 11. The following records shall 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.
- 12. The holder of any approved Edward Aquifer protection 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 water pollution abatement structure(s), including but not limited to ponds, dams, berms, sewage treatment plants, and diversionary structures;
  - B. any change in the nature or character of the regulated activity from that which was originally approved or a change which would significantly impact the ability of the plan to prevent pollution of the Edwards Aquifer;
  - C. any development of land previously identified as undeveloped in the original water pollution abatement plan.

Austin Regional Office 1921 Cedar Bend, Suite 150 Austin, Texas 78758-5336 Phone (512) 339-2929 Fax (512) 339-3795

San Antonio Regional Office 14250 Judson Road San Antonio, Texas, 78233-4480 Phone (210) 490-3096 Fax (210) 545-4329



# **ROCK BERM**

## **GENERAL NOTES:**

- 1. USE ONLY OPEN GRADED ROCK 3-5 INCHES DIAMETER.
- 2. THE ROCK BERM SHALL BE SECURED WITH A WOVEN WRE SHEATHING HAVING MAXIMUM 1 INCH OPENINGS AND MINIMUM WIRE DIAMETER OF 20 GAUGE.
- 3. THE ROCK BERM SHALL BE INSPECTED WEEKLY OR AFTER EACH RAIN, AND THE STONE AND/OR FABRIC CORE WOVEN WIRE SHEATHING, SHALL BE REPLACED WHEN THE STRUCTURE CEASES TO FUNCTION AS INTENDED, DUE TO SILT ACCUMULATION AMONG THE ROCKS, WASHOUT, CONSTRUCTION TRAFFIC DAMAGE, ETC.
- 4. WHEN SILT REACHES A DEPTH EQUAL TO ONE-THIRD THE HEIGHT OF THE BERM OR ONE FOOT, WHICHEVER IS LESS, THE SILT SHALL BE REMOVED AND DISPOSED OF IN AN APPROVED SITE AND IN SUCH A MANNER AS TO NOT CREATE A SILTATION PROBLEM.
- 5. DAILY INSPECTION SHALL BE MADE ON SEVERE SERVICE ROCK BERMS; SILT SHALL BE REMOVED WHEN ACCUMULATION REACHES 6 INCHES. 6. WHEN THE SITE IS COMPLETELY STABILIZED, THE BERM AND ACCUMULATED SILT SHALL BE REMOVED AND DISPOSED OF IN AN APPROVED MANNER.



### STABILIZED CONSTR. ENTRANCE N.T.S.

## **GENERAL NOTES:**

- 1. STONE SIZE 4 TO 8 INCH OPEN ROCK.
- 2. LENGTH AS EFFECTIVE, BUT NOT LESS THAN 50 FEET. 3. THICKNESS - NOT LESS THAN 8 INCHES.
- 4. WDTH NOT LESS THAN FULL WIDTH OF ALL POINTS OF INGRESS OR EGRESS.
- 5. WASHING WHEN NECESSARY, WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC ROADWAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE WHICH DRAINS INTO AN APPROVED TRAP OR SEDIMENT BASIN. ALL SHALL BE PREVENTED FROM ENTERING ANY STORM DRAIN, DITCH, OR WATERCOURSE USING APPROVED METHODS.
- 6. MAINTENANCE THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC ROADWAYS. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND, AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC ROADWAY MUST BE REMOVED IMMEDIATELY.
- 7. DRAINAGE ENTRANCE MUST BE PROPERLY GRADED OR INCORPORATE A DRAINAGE SWALE TO PREVENT RUNOFF FROM LEAVING THE CONSTRUCTION SITE.



### TYP. CONSTRUCTION STAGING AREA N.T.S.

WOVEN WIRE SUPPORT

- IN THE TPDES BOOK.

INTENT OF THIS PLAN.



# **GENERAL NOTES:**

- 1. DETAIL ABOVE ILLUSTRATES MINIMUM DIMENSIONS. PIT CAN BE INCREASED
- IN SIZE DEPENDING ON EXPECTED FREQUENCY OF USE. 2. IF SILT FENCE IS USED, FENCE SHALL BE PLACED IN ACCORDANCE WITH SILT
- FENCE DETAILS. 3. WASHOUT PIT SHALL BE LOCATED IN AN AREA EASILY ACCESSIBLE TO

CONCRETE TRUCK WASHOUT PIT

N.T.S.

CONSTRUCTION TRAFFIC. 4. WASHOUT PIT SHALL NOT BE LOCATED IN AREAS SUBJECT TO INUNDATION FROM STORM WATER RUNOFF.



- 1. STEEL POSTS WHICH SUPPORT THE SILT FENCE SHALL BE INSTALLED ON A SLIGHT ANGLE TOWARD THE ANTICIPATED RUNOFF SOURCE. POST MUST BE EMBEDDED A MINIMUM OF ONE FOOT.
- 2. THE TOE OF THE SILT FENCE SHALL BE TRENCHED IN WITH A SPADE OR MECHANICAL TRENCHER, SO THAT THE DOWNSLOPE FACE OF THE TRENCH IS FLAT AND PERPENDICULAR TO THE LINE OF FLOW. WHERE FENCE CAN NOT BE TREATED (e.g. pavement) WEIGHT FABRIC FLAP WITH WASHED GRAVEL ON UPHILL SIDE TO PREVENT FLOW UNDER FENCE.
- 3. 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.
- 4. TO WOVEN WIRE, WHICH IS IN TURN ATTACHED TO THE STEEL FENCE POST.
- 5. INSPECTION SHALL BE MADE WEEKLY OR AFTER EACH RAINFALL EVENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED. 6. SILT FENCE SHALL BE REMOVED WHEN THE SITE IS COMPLETELY STABILIZED SO AS
- NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE 7. ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF 6 INCHES, THE SILT SHALL BE DISPOSED OF IN AN APPROVED SITE AND IN SUCH A MANNER
- AS TO NOT CONTRIBUTE TO ADDITIONAL SILTATION. 8. PROPERTIES OF GEOTEXTILE FABRIC SHALL HAVE A TENSILE STRENGTH OF 90 LBS., PUNCTURE RATING OF 60 LBS., MULLEN BURST RATING OF 280 PSI, AND APPARENT

# **GENERAL NOTES:**

OPENING SIZE, U.S. SIEVE NO. 20.

1. HOME BUILDING MATERIALS SHALL BE PLACED ON EACH INDIVIDUAL LOT BEHIND THE SILT FENCE. WHERE THIS IS NOT PRACTICAL, SILT FENCE SHALL BE PLACED DOWN GRADIENT OF THE BUILDING MATERIALS. 2. IF NECESSARY, CONTRACTOR MAY MODIFY STORMWATER CONTROLS TO ACHIEVE THE DESIRED INTENT. ANY CHANGES ARE TO BE NOTED, SIGNED AND DATED BY THE RESPONSIBLE PARTY

3. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL STORMWATER CONTROLS. 4. REFER TO TPDES BOOK FOR THIS PROJECT FOR MORE INFORMATION/DETAILS. 5. CONTRACTOR SHALL IMMEDIATELY NOTIFY ENGINEER FOR ANY QUESTIONS REGARDING THE

6. THE CONTRACTOR WILL BE RESPONSIBLE FOR FILING ALL NOI'S (NOTICE OF INTENT) AND NOT'S (NOTICE OF TERMINATION) FOR ALL PARTIES REQUIRED FOR THIS PROJECT. REFER TO THE TPDES BOOK FOR THE NECESSARY FORMS.

7. A COPY OF THIS PLAN AND THE TPDES BOOK MUST REMAIN AT THE CONSTRUCTION SITE AT ALL TIMES.

REVISION		Carter = Burgess	Consultants in Engineering, Architecture.	Construction Management and Related Services Carter and Burgess, Inc.	911 Central Parkway North, Suite 425	© COPYRIGHT 2006 Carter and Burgees, Inc.
NO. DATE	C OF TEXAC 0	at the so	etter M. McBETH	59223 O.E.	CESSIONAL CONTRACT	Control re
			GENERAL NOTES	AND DFTAILS		
	VIEW DESTALIDANT	NEW REGIAURANI		T Bar M DECODT	2549 HWY. 46 WEST	NEW BRAUNFELS, TEXAS
		•				

Permanent Stormwater Section

for Regulated Activities on the Edwards Aquifer Recharge Zone and Relating to 30 TAC §213.5(b)(4)(C), (D)(Ii), (E), and (5), Effective June 1, 1999

#### REGULATED ENTITY NAME: T BAR M, INC./

# Permanent best management practices (BMPs) and measures that will be used during and after construction is completed.

- 1. <u>X</u> Permanent BMPs and measures must be implemented to control the discharge of pollution from regulated activities after the completion of construction.
- 2. X 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.
  - X 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 provided below
- 3. X 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.
- 4. X Where a site is used for low density single-family residential development and has 20 % or less impervious cover, other permanent BMPs are not required. This exemption from permanent BMPs must be recorded in the county deed records, with a notice that if the percent impervious cover increases above 20% or land use changes, the exemption for the whole site as described in the property boundaries required by 30 TAC §213.4(g) (relating to Application Processing and Approval), may no longer apply and the property owner must notify the appropriate regional office of these changes.
  - This site will be used for low density single-family residential development and has
    20% or less impervious cover.
  - \_\_\_\_ This site will be used for low density single-family residential development but has more than 20% impervious cover.
  - X This site will not be used for low density single-family residential development.
- 5. X The executive director may waive the requirement for other permanent BMPs for multifamily residential developments, schools, or small business sites where 20% or less impervious cover is used at the site. This exemption from permanent BMPs must be recorded in the county deed records, with a notice that if the percent impervious cover

increases above 20% or land use changes, the exemption for the whole site as described in the property boundaries required by 30 TAC §213.4(g) (relating to Application Processing and Approval), may no longer apply and the property owner must notify the appropriate regional office of these changes.

- ATTACHMENT A 20% or Less Impervious Cover Waiver. This 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 found at the end of this form.
- This site will be used for multi-family residential developments, schools, or small business sites but has more than 20% impervious cover.
- This site will not be used for multi-family residential developments, schools, or Х small business sites.

#### ATTACHMENT B - BMPs for Upgradient Stormwater. 6.

- 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 identified as ATTACHMENT B at the end of this form.
- If no surface water, groundwater or stormwater originates upgradient from the site and flows across the site, an explanation is provided as **ATTACHMENT B** at the end of this form.
- <u>X</u> If 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, an explanation is provided as ATTACHMENT B at the end of this form .

#### 7. ATTACHMENT C - BMPs for On-site Stormwater.

- Х 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 identified as ATTACHMENT C at the end of this form.
- If 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, an explanation is provided as ATTACHMENT C at the end of this form.
- 8. ATTACHMENT D - BMPs for Surface Streams. A description of the BMPs and measures N/A that prevent pollutants from entering surface streams, sensitive features, or the aguifer is provided at the end of this form. Each feature identified in the Geologic Assessment as "sensitive" or "possibly sensitive" has been addressed.
- 9. The applicant understands that to the extent practicable, BMPs and measures must N/A maintain flow to naturally occurring sensitive features identified in either the geologic assessment, executive director review, or during excavation, blasting, or construction.
  - The permanent sealing of or diversion of flow from a naturally-occurring "sensitive" N/A or "possibly sensitive" feature that accepts recharge to the Edwards Aquifer as a permanent pollution abatement measure has not been proposed for any naturallyoccurring "sensitive" or "possibly sensitive" features on this site.
  - ATTACHMENT E Request to Seal Features. A request to seal a naturally-N/A occurring "sensitive" or "possibly sensitive" feature, that includes a justification as to why no reasonable and practicable alternative exists, is found at the end of this form. A request and justification has been provided for each feature.

Page 2 of 4

TCEQ-0600 (Rev. 10/01/04) M:\310627.012 T BAR M\dwg\WPAP\WPAP Report\ 9 F-0600-Permanent Stormwater Section.doc

- 10. X ATTACHMENT F 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. All construction plans and design information have been signed, sealed, and dated by the Texas Licensed Professional Engineer. Construction plans for the proposed permanent BMPs and measures are provided at the end of this form. Design Calculations, TCEQ Construction Notes, all manmade or naturally occurring geologic features, all proposed structural measures, and appropriate details must be shown on the construction plans.
- 11. X ATTACHMENT G Inspection, Maintenance, Repair and Retrofit Plan. A plan for the inspection, maintenance, repair, and, if necessary, retrofit of the permanent BMPs and measures is provided at the end of this form. The plan has been prepared and certified by the engineer designing the permanent BMPs and measures. The plan has been signed by the owner or responsible party. The plan includes procedures for documenting inspections, maintenance, repairs, and, if necessary, retrofits as well as a discussion of record keeping procedures.
- 12. X The TCEQ Technical Guidance Manual (TGM) was used to design permanent BMPs and measures for this site.
  - Pilot-scale field testing (including water quality monitoring) may be required for BMPs that are not contained in technical guidance recognized by or prepared by the executive director.
    - \_ **ATTACHMENT H Pilot-Scale Field Testing Plan.** A plan for pilot-scale field testing is provided at the end of this form.
- 13. X ATTACHMENT I 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 provided at the end of this form. 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 results in water quality degradation.

#### Responsibility for maintenance of permanent BMPs and measures after construction is complete.

- 14. X The applicant is responsible for maintaining the permanent BMPs after construction until such time as the maintenance obligation is either assumed in writing by another entity having ownership or control of the property (such as without limitation, an owner's association, a new property owner or lessee, a district, or municipality) or the ownership of the property is transferred to the entity. Such entity shall then be responsible for maintenance until another entity assumes such obligations in writing or ownership is transferred.
- 15. X 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.

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 TCEQ-0600 (Rev. 10/01/04) M:\310627.012\_T BAR M\dwg\WPAP\WPAP\_Report\\_9\_F-0600-Permanent Stormwater Section.doc Page 3 of 4

**PERMANENT STORMWATER SECTION** is hereby submitted for TCEQ review and executive director approval. The application was prepared by:

David McBeth, P.E. Carter & Burgess, Inc. Print Name of Customer/Agent

Signature of Customer/Agent

4/00/00

Date

#### Attachment A – 20% or Less Impervious Cover Waiver

Not Applicable.

#### Attachment B – BMPs for Upgradient Stormwater

The site is located about 4 miles north of the Transition boundary and is within the Edwards Aquifer Recharge Zone in the New Braunfels West, Texas quadrangle. Based on the USGS Official Edwards Aquifer Recharge Zone Map, the site accepts approximately 0.5 acres of upgradient stormwater. The upgradient drainage area consists of undeveloped forested vegetation, open pasture land at the upper limits of the drainage area. The majority of this upgradient runoff is diverted along the property boundary easterly to Blieders Creek. The construction boundary within the site accepts less than 10% of this flow. Vegetative filter strips will be used to treat stormwater runoff. In addition, existing impervious cover will be treated to account for some of the proposed improvements. The on-site storm water drains through the site and into an unnamed tributary of Blieders Creek on the south side of State Highway 46.

#### Attachment C - BMPs for On-site Stormwater

Disturbed areas shall be hydromulched upon completion of construction to stabilize the soils. Areas designated as engineered filter strips will be sodded to enhance the establishment of the permanent filter strips. Reference the Temporary Pollution Abatement Plan sheet for areas where soil stabilization practices are expected to occur.

#### Attachment D – BMPs for Surface Streams

The BMPs that will be used to protect Blieders Creek will be the vegetative filter strips. S-1 & S-2, "possible sensitive" recharge features were identified as a manmade holes for flagpoles in the Geologic Assessment. They are located upstream of the improvements proposed in this WPAP and will not require protection. S-3 a "possible sensitive" recharge feature was identified as an excavated area made to repair a waterline in the Geologic Assessment. It is located upstream of the improvements proposed in this WPAP and will not require protection. S-4 and S-5, "possible sensitive" recharge features were identified as a bedding plane feature near the bottom of the creek and eroded pavement area respectively in the Geologic Assessment. They have been protected with vegetative filter strips for the former and the latter has been repaired and will not require protection

#### Attachment E – Request to Seal Features

Not applicable

#### Attachment G- Maintenance and Inspection Plan

Reference the Maintenance Plan and Schedule provided at the end of this section.

### Attachment I – Measures for Minimizing Surface Stream Contamination

All surface streams will be protected from erosion by not allowing runoff to exceed existing velocities.

.

#### MAINTENANCE PLAN AND SCHEDULE PERMANENT POLLUTION ABATEMENT MEASURES T BAR M, INC. RESTAURANT BUILDING

#### VEGETATIVE FILTER STRIPS

Maintenance and inspection of the vegetative filter strips is to be conducted in accordance with TCEQ Technical Guidance Manual (2005) Chapter 3.5.8, as described below.

- *Pest Management*. An Integrated Pest Management (IPM) Plan should be developed for vegetated areas. This plan should specify how problem insects and weeds will be controlled with minimal or no use of insecticides and herbicides.
- Seasonal Mowing and Lawn Care. If the filter strip is made up of turf grass, it should be mowed as needed to limit vegetation height to 18 inches, using a mulching mower (or removal of clippings). If native grasses are used, the filter may require less frequent mowing, but a minimum of twice annually. Grass clippings and brush debris should not be deposited on vegetated filter strip areas. Regular mowing should also include weed control practices, however herbicide use should be kept to a minimum (Urbonas et al., 1992). Healthy grass can be maintained without using fertilizers because runoff usually contains sufficient nutrients. Irrigation of the site can help assure a dense and healthy vegetative cover.
- Inspection. Inspect filter strips at least twice annually for erosion or damage to vegetation; however, additional inspection after periods of heavy runoff is most desirable. The strip should be checked for uniformity of grass cover, debris and litter, and areas of sediment accumulation. More frequent inspections of the grass cover during the first few years after establishment will help to determine if any problems are developing, and to plan for long-term restorative maintenance needs. Bare spots and areas of erosion identified during semi-annual inspections must be replanted and restored to meet specifications. Construction of a level spreader device may be necessary to reestablish shallow overland flow.
- Debris and Litter Removal. Trash tends to accumulate in vegetated areas, particularly along highways. Any filter strip structures (i.e. level spreaders) should be kept free of obstructions to reduce floatables being flushed downstream, and for aesthetic reasons. The need for this practice is determined through periodic inspection, but should be performed no less than 4 times per year.
- Sediment Removal. Sediment removal is not normally required in filter strips, since the vegetation normally grows through it and binds it to the soil. However, sediment may accumulate along the upstream boundary of the strip preventing uniform overland flow. Excess sediment should be removed by hand or with flat-bottomed shovels.

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

I acknowledge that I have read the above Maintenance Plan and Schedule for Permanent Pollution Abatement Measures.

Owner

2/26/08

Date

# VEGETATIVE FILTER STRIPS

### NATURAL FILTER STRIPS

1. THE FILTER STRIP SHOULD EXTEND ALONG THE ENTIRE LENGTH OF THE CONTRIBUTING AREA.

2. THE SLOPE SHOULD NOT EXCEED 10%.

3. THE MINIMUM DIMENSION (IN THE DIRECTION OF FLOW) SHOULD BE 50 FEET.

4. ALL OF THE FILTER STRIP SHOULD LIE ABOVE THE ELEVATION OF THE 2-YR, 3-HR STORM OF ANY ADJACENT DRAINAGE.

5. THERE IS NO REQUIREMENT FOR VEGETATION DENSITY OR TYPE.

### ENGINEERED FILTER STRIPS

1. THE FILTER STRIP SHOULD EXTEND ALONG THE ENTIRE LENGTH OF THE CONTRIBUTING AREA AND THE SLOPE SHOULD NOT EXCEED 20%. THE MINIMUM DIMENSION OF THE FILTER STRIP (IN THE DIRECTION OF FLOW) SHOULD BE NO LESS THAN 15 FEET. THE MAXIMUM WIDTH (IN THE DIRECTION OF FLOW) OF THE CONTRIBUTING IMPERVIOUS AREA SHOULD NOT EXCEED 72 FEET. FOR ROADWAYS WITH A VEGETATED STRIP ALONG BOTH SIDES, THE TOTAL WIDTH OF THE ROADWAY SHOULD NOT EXCEED 144 FEET (I.E., 72 FEET DRAINING TO EACH SIDE).

2. THE MINIMUM VEGETATED COVER FOR ENGINEERED STRIPS IS 80%.

3. THE AREA CONTRIBUTING RUNOFF TO A FILTER STRIP SHOULD BE RELATIVELY FLAT SO THAT THE RUNOFF IS DISTRIBUTED EVENLY TO THE VEGETATED AREA WITHOUT THE USE OF A LEVEL SPREADER.

4. THE AREA TO BE USED FOR THE STRIP SHOULD BE FREE OF GULLIES OR RILLS THAT CAN CONCENTRATE OVERLAND FLOW. EXIST. PAVED

PARKING

EXIST. HOTEL

S-1 & S-2

UPGRADIENT RUN-OFF DROP OFF

5. THE TOP EDGE OF THE FILTER STRIP ALONG THE PAVEMENT WILL BE DESIGNED TO AVOID THE SITUATION WHERE RUNOFF WOULD TRAVEL ALONG THE TOP OF THE FILTER STRIP, RATHER THAN THROUGH IT.

6. TOP EDGE OF THE FILTER STRIP SHOULD BE LANDSCAPED AFTER OTHER PORTIONS OF THE PROJECT ARE COMPLETED.

SH 46 T BAR M DRIVE COURTS EXIST. PAVED PARKING 1 EXIST. SPORTS CENTER COMMON EXIST. EXISTING CAFETERIA SPORTS F.F.E. = 105.37 (±) FIELD - MAXIMUM FLOW DISTANCE ACROSS  $PARKING = 66' \pm$ 




### Agent Authorization For

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

> I, <u>Scott Turpin</u>, Print Name

President Title - Owner/President/Other

Of <u>**T Bar M</u>** Corporation/Partnership/Entity Name</u>

have authorized **David McBeth** Print Name of Agent/Engineer

Of Jacobs Carter Burgess 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 applicants 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.

A notarized by of the Agent Authorization Formust be provided for the person 4. preparing the application, and this form must accompany the completed application.

Applicants

2/26/08

Date

THE STATE OF Jufan \$ County of Sallas 5

BEFORE ME, the undersigned authority, on this day personally appeared Scott A. TURPIN 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>26</u> day of <u>February</u>, <u>2008</u>. NOTARY PUBLIC June Mayfield Maxing

Typed or Printed Name of Notary JUNE MAXFIELD MAXEY

2009 MY COMMISSION EXPIRES: 11-17-





 NAME OF PROPOSED REGULATED ENTITY:
 T BAR M, INC.

 REGULATED ENTITY LOCATION:
 Located on the south side of State Highway 46 West approximately 1/2 mile

 north of the intersection of FM 1863 and State Highway 46 West

 NAME OF CUSTOMER:
 T Bar M

 CONTACT PERSON:
 Scott Turpin

 PHONE:
 (214) 692-4254

 Customer Reference Number
 (if issued):

 CN
 600793111

 Regulated Entity Reference Number (if issued):
 RN

 102745502
 (nine digits)

AUSTIN REGIONAL OFFICE (3373) Hays Travis Williamson

# SAN ANTONIO REGIONAL OFFICE (3362) Bexar Image: Comal Comal Image: Comal

Comal Comal

APPLICATION FEES MUST BE PAID BY CHECK, CERTIFIED CHECK, OR MONEY ORDER, PAYABLE TO THE Texas Commission on Environmental Quality. YOUR CANCELED CHECK WILL SERVE AS YOUR RECEIPT. THIS FORM MUST BE SUBMITTED WITH YOUR FEE PAYMENT. THIS PAYMENT IS BEING SUBMITTED TO (CHECK ONE):

- SAN ANTONIO REGIONAL OFFICE
- Mailed to TCEQ:

TCEQ - Cashier Revenues Section Mail Code 214 P.O. Box 13088 Austin, TX 78711-3088

### AUSTIN REGIONAL OFFICE

Overnight Delivery to TCEQ:

TCEQ - Cashier 12100 Park 35 Circle Building A, 3rd Floor Austin, TX 78753 512/239-0347

Type of Plan	Size	Fee Due
Water Pollution Abatement, One Single Family Residential Dwelling	Acres	\$
Water Pollution Abatement, Multiple Single Family Residential and Parks	Acres	\$
Water Pollution Abatement, Non-residential	9.3 Acres	\$ 4,000
Sewage Collection System	L.F.	\$
Lift Stations without sewer lines	Acres	\$
Underground or Aboveground Storage Tank Facility	Tanks	\$
Piping System(s)(only)	Each	\$
Exception	Each	\$
Extension of Time	Each	\$

Signature

4/25/08 Date

If you have questions on how to fill out this form or about the Edwards Aquifer protection program, please contact us at 210/490-3096 for projects located in the San Antonio Region or 512/339-2929 for projects located in the Austin Region.

Individuals are entitled to request and review their personal information that the agency gathers on its forms. They may also have any errors in their information corrected. To review such information, contact us at 512/239-3282.



### Water Pollution Abatement Plans and Modifications

PROJECT	PROJECT AREA IN ACRES	FEE
One Single Family Residential Dwelling	<5	\$500
Multiple Single Family Residential and Parks	<5 5 < 10 10 < 50 ≥50	\$1,000 \$2,000 \$3,000 \$5,000
Non-residential (Commercial, industrial, institutional, multi-family residential, schools, and other sites where regulated activities will occur)	< 1 1 < 5 5 < 10 ≥10	\$2,000 \$3,000 \$4,000 \$5,000

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

PROJECT	COST PER LINEAR FOOT	MINIMUM FEE MAXIMUM FEE
Sewage Collection Systems	\$0.50	\$500 - \$5,000

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

PROJECT	COST PER TANK OR PIPING SYSTEM	MINIMUM FEE MAXIMUM FEE
Underground and Aboveground Storage Tank Facility	\$500	\$500 - \$5,000

### **Exception Requests**

PROJECT	FEE
Exception Request	\$250

### Extension of Time Requests

PROJECT	FEE
Extension of Time Request	\$100

REFERENCE BARM WPAP         INV DATE 3/31/2008         INV DESCRIPTION 1318-08-06         GROSS AMOUNT 4,000         DISCOUNT TAKEN 4,000         NET AMOUNT PAI 4,000	LOUR NO.         DOI:         NAME         HOUR DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT PAIL           BARM WPAP         3/31/2008         1318-08-06         1318-08-06         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT PAIL         4,000.00         0.00         4,000.00         0.00         4,000.00         0.00         4,000.00         0.00         4,000.00         0.00         4,000.00         4,000.00         0.00         4,000.00         4,000.00         0.00         4,000.00         0.00         4,000.00         4,000.00         0.00         4,000.00         4,000.00         0.00         4,000.00         4,000.00         0.00         4,000.	NDOR NO:     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE TBARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION 1318-08-06     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 0.00     NET AMOUNT PAIL 4,000       INV DATE     INV DESCRIPTION 1318-08-06     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 0.00     NET AMOUNT PAIL 4,000       INV DATE     INV DESCRIPTION 1318-08-06     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 0.00     NET AMOUNT PAIL 4,000       INV DATE     INV DESCRIPTION 1318-08-06     TOTAL >     4,000.00     0.00     4,000	Did nor, mod.     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE     INV DATE     INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN     NET AMOUNT PAIL       TBARM WPAP     3/31/2008     1318-08-06     GROSS AMOUNT     DISCOUNT TAKEN     NET AMOUNT PAIL       TDTAL >     4,000.00     0.00     4,000		THIS CHECK IS	VOID WITHOUT A BLUE & RED BACKGROUND	D AND A TRUE WATERMARK - HOLD UP TO T	THE LIGHT TO VERIFY	ALLAND AND AN
REFERENCE BARM WPAP         INV DATE 3/31/2008         INV DESCRIPTION 1318-08-06         GROSS AMOUNT 4,000         DISCOUNT TAKEN 0.00         NET AMOUNT PAI 4,000	LOCK NO.         UNAME         HANGE GENERATION         CHECK DATE         STREQUE           BARM WPAP         3/31/2008         INV DATE	NDOR NO:     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE TBARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION 1318-08-06     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 0.00     NET AMOUNT PAIL 4,000.00	INDOR NO.     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE TBARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 0.00     NET AMOUNT PAIL 4,000.00       Image: TEXAS COMMISSION     Image: TEXAS COMMISSION     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 0.00     NET AMOUNT PAIL 4,000.00       Image: TEXAS COMMISSION     Image: TEXAS COMMISSION     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 0.00     NET AMOUNT PAIL 4,000.00       Image: TEXAS COMMISSION       Image: TEXAS COMMISSION     Image: TEXAS COMMISSION     Image: TEXAS COMMISSION     Image: TEXAS COMMISSION     Image: TEXAS COMMISSION       Image: TEXAS COMMISSION     Image: TEXAS COMMISSION     Image: TEXAS COMMISSION     Image: TEXAS COMMISSION     Image: TEXAS COMMISSION       Image: TEXAS COMMISSION     Image: TEXAS COMMISSION     Image: TEXAS COMMISSION     Image: TEXAS COMMISSION     Image: TEXAS COMMISSION       Image: TEXAS COMMISSION     Image: TEXAS COMMISSION     Image: TEXAS COMMISSION     Image: TEXAS COMMISSION     Image: TEXAS COMMISSION       Image: TEXAS COMMISSION     Image: TEXAS COMMISSION     Image: TEXAS COMMISSION     Image: TEXAS COMMISSION     Image: TEXAS COMMISSION       Image: TEXAS COMMISSION     Image: TEXAS COMMISSION		THIS CHECK IS	VOID WITHOUT A BLUE & RED BACKGROUND	D AND A TRUE WATERMARK - HOLD UP TO 1	THE LIGHT TO VERIFY	
REFERENCE BARM WPAP         INV DATE 3/31/2008         INV DESCRIPTION 1318-08-06         GROSS AMOUNT 4,000         DISCOUNT TAKEN 0.00         NET AMOUNT PAI 4,000           Image: Comparison of the state of	LOCK NO.         LOCK NO.         LOCK NO.         LOCK DATE         SUBJ COMMISSION         CHECK DATE         SUBJ COMMISSION         CHECK DATE         SUBJ COMMISSION         DISCOUNT TAKEN         NET AMOUNT PAI           BARM WPAP         3/31/2008         1318-08-06         INV DATE         INV DATE         INV DATE         NET AMOUNT PAI           JARM WPAP         3/31/2008         1318-08-06         GROSS AMOUNT         DISCOUNT TAKEN         0.00         4,000           Inv DATE         1318-08-06         Inv DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         0.00         4,000           Inv DATE         1318-08-06         Inv DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         0.00         4,000           Inv DATE         1318-08-06         Inv DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         0.00         4,000           Inv DATE         Inv DESCRIPTION         GROSS AMOUNT         GROSS AMOUNT         DISCOUNT TAKEN         0.00         Inv DESCRIPTION           Inv DATE         Inv DESCRIPTION         GROSS AMOUNT         GROSS AMOUNT         Inv DESCRIPTION         Inv DESCRIPTION         Inv DESCRIPTION           Inv DESCRIPTION         Inv DESCRIPTION         Inv DESCRIPTION         GROSS AMOUNT         Inv DESCRIPTION <t< th=""><th>NDOR NO:     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE TBARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION 1318-08-06     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 0.00     NET AMOUNT PAI 4,000       Image: Comparison of the state of the stat</th><th>INDOR NO:     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE     INV DATE     INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN     NET AMOUNT PAI       J3/31/2008     1318-08-06     1318-08-06     GROSS AMOUNT     DISCOUNT TAKEN     0.00     NET AMOUNT PAI       TDTAL &gt;     4,000.00     0.00     4,000     0.00     4,000</th><th></th><th>THIS CHECK IS</th><th>VOID WITHOUT A BLUE &amp; RED BACKGROUND</th><th>D AND A TRUE WATERMARK - HOLD UP TO</th><th>HE LIGHT TO VENU T</th><th></th></t<>	NDOR NO:     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE TBARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION 1318-08-06     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 0.00     NET AMOUNT PAI 4,000       Image: Comparison of the state of the stat	INDOR NO:     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE     INV DATE     INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN     NET AMOUNT PAI       J3/31/2008     1318-08-06     1318-08-06     GROSS AMOUNT     DISCOUNT TAKEN     0.00     NET AMOUNT PAI       TDTAL >     4,000.00     0.00     4,000     0.00     4,000		THIS CHECK IS	VOID WITHOUT A BLUE & RED BACKGROUND	D AND A TRUE WATERMARK - HOLD UP TO	HE LIGHT TO VENU T	
REFERENCE BARM WPAP       INV DATE 3/31/2008       INV DESCRIPTION 1318-08-06       GROSS AMOUNT 4,000.00       DISCOUNT TAKEN 0.00       NET AMOUNT PAI 4,000         TOTAL >       4,000.00       0.00       4,000	LOUR NO.     LOUR OF     NAME     LANGE     LANGE <thlange< th=""></thlange<>	NDOR NO:       9534       NAME:       TEXAS COMMISSION       CHECK DATE:       3/31/2008         REFERENCE TBARM WPAP       INV DATE 3/31/2008       INV DESCRIPTION       GROSS AMOUNT 4,000.00       DISCOUNT TAKEN 0.00       NET AMOUNT PAI 4,000         INV DATE       1318-08-06       INV DESCRIPTION       GROSS AMOUNT 4,000.00       DISCOUNT TAKEN 0.00       NET AMOUNT PAI 4,000         INV DATE       1318-08-06       INV DESCRIPTION       GROSS AMOUNT 4,000.00       DISCOUNT TAKEN 0.00       NET AMOUNT PAI 4,000         INV DATE       TOTAL >       4,000.00       0.00       4,000	DOR NO.     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE TBARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 0.00     NET AMOUNT PAI 4,000       INV DATE     INV DESCRIPTION     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 0.00     NET AMOUNT PAI 4,000       INV DATE     INV DESCRIPTION     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 0.00     NET AMOUNT PAI 4,000       INV DATE     INV DESCRIPTION     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 0.00     NET AMOUNT PAI 4,000       INV DATE     INV DESCRIPTION     GROSS AMOUNT 4,000     INV DATE     NET AMOUNT PAI 4,000       INV DATE     INV DESCRIPTION     GROSS AMOUNT 4,000     INV DATE       INV DATE     INV DESCRIPTION     GROSS AMOUNT 4,000     INV DATE       INV DATE     INV DATE     INV DATE     INV DATE       INV DATE     INV DATE     INV	T. Der M. Inc					227
REFERENCE BARMI WPAP       INV DATE 3/31/2008       INV DESCRIPTION 1318-08-06       GROSS AMOUNT 4,000.00       DISCOUNT TAKEN 0.00       NET AMOUNT PAI 4,000         TOTAL >       4,000.00       0.00       4,000         TOTAL >       4,000.00       0.00       4,000	ILLUK NU.     TELS OF LOU     ILLUK OF LATE     DURING     ET ANOUNT       BARM WPAP     INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN     NET AMOUNT PAI       BARM WPAP     3/31/2008     1318-08-06     GROSS AMOUNT     DISCOUNT TAKEN     0.00     NET AMOUNT PAI       UNIVERSITY     1318-08-06     FOR ALL STREET     GROSS AMOUNT     DISCOUNT TAKEN     0.00     4,000       TOTAL >     4,000.00     0.00     4,000     0.00     4,000	NDOR NO:       9534       NAME:       TEXAS COMMISSION       CHECK DATE:       3/31/2008         REFERENCE TBARM WPAP       INV DATE:       INV DESCRIPTION       GROSS AMOUNT       DISCOUNT TAKEN       NET AMOUNT PAI 4,000         INV DATE:       3/31/2008       1318-08-06       INV DESCRIPTION       GROSS AMOUNT       DISCOUNT TAKEN       0.00       4,000         INV DATE:       1318-08-06       INV DESCRIPTION       GROSS AMOUNT       DISCOUNT TAKEN       0.00       4,000         INV DATE:       1318-08-06       INV DESCRIPTION       GROSS AMOUNT       DISCOUNT TAKEN       0.00       4,000         INV DATE:       1318-08-06       INV DESCRIPTION       GROSS AMOUNT       A,000       0.00       4,000         INV DATE:       INV DATE:       INV DATE:       INV DATE:       INV DATE:       4,000       0.00       4,000         INV DATE:       INV DATE:       TOTAL >       4,000.00       0.00       4,000         INV DATE:       INV DATE:       INV DATE:       INV DATE:       4,000       0.00       4,000         INV DATE:       INV DATE:       INV DATE:       INV DATE:       INV DATE:       INV DATE:       4,000         INV DATE:       INV DATE:       INV DATE:       INV DATE:	DOR NO.       9534       NAME:       TEXAS COMMISSION       CHECK DATE:       3/31/2008         REFERENCE       INV DATE       INV DESCRIPTION       GROSS AMOUNT       DISCOUNT TAKEN       NET AMOUNT PAI         TBARM WPAP       3/31/2008       1318-08-06       GROSS AMOUNT       4,000       0.00       NET AMOUNT PAI         TDTAL >       4,000.00       0.00       4,000       0.00       4,000	T Bar M, Inc		Chase	e Bank of Texas - New Braunfels	自然和自然的社会	337
REFERENCE BARM WPAP       INV DATE 3/31/2008       INV DESCRIPTION 1318-08-06       GROSS AMOUNT 4,000 00       DISCOUNT TAKEN 0.00       NET AMOUNT PA 4,000         TOTAL >       4,000.00       0.00       4,000         TOTAL >       4,000.00       0.00       4,000         THIS CHECK IS VOID WITHOUT A BLUE & FED BACKGROUND AND A TRUE WATERMARK - HOLD UP TO THE LIGHT TO VERIFY       4,000         THIS CHECK IS VOID WITHOUT A BLUE & FED BACKGROUND AND A TRUE WATERMARK - HOLD UP TO THE LIGHT TO VERIFY       3374	LOUR NO.     LOUR NO.     LOUR NO.     LOUR NO.     LOUR NO.     LOUR LE.     JOIN 2000       REFERENCE     INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN     0.00     NET AMOUNT PAI       BARM WPAP     3/31/2008     1318-08-06     GROSS AMOUNT     DISCOUNT TAKEN     0.00     NET AMOUNT PAI       BARM WPAP     3/31/2008     1318-08-06     GROSS AMOUNT     GROSS AMOUNT     DISCOUNT TAKEN     0.00     NET AMOUNT PAI       GROSS AMOUNT     4,000.00     GROSS AMOUNT     GROSS AMOUNT     A.000     0.00     4,000       TOTAL     A     A     A     A     A     A     A       TOTAL >     4,000.00     0.00     4,000     A     A     A	NDOR NO:     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE TBARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION     GROSS AMOUNT 4,000 00     DISCOUNT TAKEN 0.00     NET AMOUNT PAI 0.00       INV DATE 3/31/2008     1318-08-06     GROSS AMOUNT 4,000 00     DISCOUNT TAKEN 0.00     NET AMOUNT PAI 4,000       TOTAL >     4,000.00     0.00     4,000	Continue, model     Soft       NAME: TEXAS COMMISSION     CHECK DATE: 3/31/2008       REFERENCE TBARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION     GROSS AMOUNT 4,000 00     DISCOUNT TAKEN 0.00     NET AMOUNT PAI 4,000       TOTAL >     4,000.00     0.00     4,000       TOTAL >     4,000.00     0.00     4,000       THIS CHECK IS VOID WITHOUT A BLUE & PED BACKGROUND AND A TRUE WATERMARK - HOLD UP TO THE LIGHT TO VERIEFY       T Bar M Inc.     Check of Toxon. New Recenter     3371			111 V	Vest San Antonio Street	Sec. Sec. Sec.	Park State
REFERENCE BARM WPAP       INV DATE 3/31/2008       INV DESCRIPTION 1318-08-06       GROSS AMOUNT 4,000.00       DISCOUNT TAKEN 0.00       NET AMOUNT PA 4,000         TOTAL >       4,000.00       0.00       4,000         TOTAL >       4,000.00       0.00       4,000         TOTAL >       4,000.00       0.00       4,000         THIS CHECK IS VOID WITHOUT A BLUE & RED BACKGROUND AND A TRUE WATERMARK - HOLD UP TO THE LIGHT TO VERIFY       337         Z549 Hwy, 46 W       Chase Bank of Texas - New Braunfels       337	IDUK NO.     USANE     IPUR DESCRIPTION     ORECULUATE     USANE     USANE       BARM WPAP     INV DATE     INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN     NET AMOUNT PA       BARM WPAP     3/31/2008     1318-08-06     GROSS AMOUNT     DISCOUNT TAKEN     NET AMOUNT PA       INV DATE     1318-08-06     GROSS AMOUNT     DISCOUNT TAKEN     NET AMOUNT PA       INV DATE     1318-08-06     GROSS AMOUNT     DISCOUNT TAKEN     0.00     4,000       INV DATE     INV DATE     INV DATE     INV DATE     4,000     0.00     4,000       TOTAL >     4,000.00     0.00     4,000     0.00     4,000       TOTAL >     4,000.00     0.00     4,000       TOTAL >     4,000.00     0.00     4,000       THIS CHECK IS VOID WITHOUT A BLUE & RED BACKGROUND AND A TRUE WATERMARK - HOLD UP TO THE LIGHT TO VERIEY       TBAR M, INC.       Chase Bank of Texas - New Braunfels     337	NDOR NO:     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE TBARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION 1318-08-06     GROSS AMOUNT 4,000 00     DISCOUNT TAKEN 0.00     NET AMOUNT PA 4,000       ID SCOUNT TAKEN     0.00     ISCOUNT TAKEN 0.00     NET AMOUNT PA 4,000     ISCOUNT TAKEN 0.00     NET AMOUNT PA 4,000       ID SCOUNT TAKEN     ISCOUNT TAKEN 0.00     ISCOUNT TAKEN 0.00     NET AMOUNT PA 4,000     ISCOUNT TAKEN 0.00     NET AMOUNT PA 4,000       ID SCOUNT TAKEN     ISCOUNT TAKEN 0.00     ISCOUNT TAKEN 0.00     ISCOUNT TAKEN 0.00     NET AMOUNT PA 4,000       ID SCOUNT TAKEN     ISCOUNT TAKEN 0.00     ISCOUNT TAKEN 0.00     ISCOUNT TAKEN 0.00     NET AMOUNT PA 4,000       ID SCOUNT TAKEN     ISCOUNT TAKEN 0.00     ISCOUNT TAKEN 0.00     NET AMOUNT PA 4,000     ISCOUNT TAKEN 0.00     ISCOUNT TAKEN 0.0	DOG NO.     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008     OUT       REFERENCE     INV DATE     INV DATE     INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN     NET AMOUNT PA       3/31/2008     1318-08-06     GROSS AMOUNT     4,000.00     DISCOUNT TAKEN     0.00     4,000       TOTAL >     4,000.00     0.00     4,000       TALS CHECK IS VOID WITHOUT A BLUE & RED BACKGROUND AND A TRUE WATERMARK - HOLD UP TO THE LIGHT TO VERIEV       TAKE MARK MARK - HOLD UP TO THE LIGHT TO VERIEV       Chase Bank of Texas - New Braunfels     337	2549 Hwy 46 W	X 78132-3725	111 V 32 11	Filing	CHUTCHER STAT	
REFERENCE BARM WPAP       INV DATE 3/31/2008       INV DESCRIPTION 1318-08-06       GROSS AMOUNT 4,000.00       DISCOUNT TAKEN 0.00       NET AMOUNT PA 4,000         TOTAL >       4,000.00       0.00       4,000       4,000       4,000       4,000         TOTAL >       4,000.00       0.00       4,000       4,000       4,000       4,000         TOTAL >       4,000.00       0.00       4,000       0.00       4,000       4,000         TOTAL >       4,000.00       0.00       4,000       0.00       4,000       4,000         THIS CHECK IS VOID WITHOUT A BLUE & RED BACKGROUND AND ATRUE WATERMARK - HOLD UP TO THE LIGHT TO VERIEV       337       337         TBAR M, INC.       Chase Bank of Texas - New Braunfels       337         111 West San Antonio Street       337	LOUR NO.     Constrained of the constrained	NODE NO.0:     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE TBARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION     GROSS AMOUNT 4,000 00     DISCOUNT TAKEN 0.00     NET AMOUNT PA 4,000 00       Image: State of the sta	Dot Nr., 1102.     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008     0.00       REFERENCE     INV DATE     INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN     NET AMOUNT PA       1318-08-06     1318-08-06     GROSS AMOUNT     4,000.00     DISCOUNT TAKEN     0.00     4,000       TBARM WPAP     3/31/2008     1318-08-06     GROSS AMOUNT     4,000.00     ISCOUNT TAKEN     4,000       TOTAL     4,000.00     0.00     4,000     4,000     0.00     4,000       TOTAL >     4,000.00     0.00     4,000     4,000     3/37/3       TBAR M, Inc.     Chase Bank of Texas - New Braunfels     3/37/4     3/37/4     3/37/4       Z549 Hwy 46 W     X     Z8132-3725     111 West San Antonio Street     3/37/4	2549 Hwy 46 W New Braunfels, T	N IUIUL UILU	32-11	5/1110	DATE 3/31/200	8
REFERENCE BARM WPAP       INV DATE 3/31/2008       INV DESCRIPTION 1318-08-06       GROSS AMOUNT 4,000.00       DISCOUNT TAKEN 0.00       NET AMOUNT PA 4,000         TOTAL >       4,000.00       0.00       4,000       4,000       4,000         TOTAL >       4,000.00       0.00       4,000       4,000       4,000         TOTAL >       4,000.00       0.00       4,000       4,000       4,000       4,000         TOTAL >       4,000.00       0.00       4,000       4,000       4,000       4,000         THIS CHECK IS VOID WITHOUT A BLUE & RED BACKGROUND AND A TRUE WATERMARK - HOLD UP TO THE LIGHT TO VERIEV       3377       3377         TBar M, Inc.       Chase Bank of Texas - New Braunfels 111 West San Antonio Street       3377         8301 625, 7738       32-115/1110       10 ATE       3/31/2008	LOUR O         DOTE         NAME         LEUR DATE         DESCRIPTION         Discount         Discount Taken         ON         Discount Taken         NET AMOUNT PA           BARM WPAP         3/31/2008         1318-08-06         GROSS AMOUNT         DISCOUNT Taken         0.00         NET AMOUNT PA           BARM WPAP         3/31/2008         1318-08-06         GROSS AMOUNT         DISCOUNT Taken         0.00         4,000           TOTAL         4,000.00         0.00         4,000         0.00         4,000           TOTAL >         4,000.00         0.00         4,000         4,000         4,000           THIS CHECK IS VOID WITHOUT A BLUE & RED BACKGROUND AND ATRUE WATERMARK - MOLD UP TO THE LIGHT TO VERIEV         337/2008         337/2008         337/2008           THIS CHECK IS VOID WITHOUT A BLUE & RED BACKGROUND AND ATRUE WATERMARK - MOLD UP TO THE LIGHT TO VERIEV         337/2008         337/2008         337/2008	NODE NO.0     9534     NAME     TEXAS COMMISSION     CHECK DATE     3/31/2008       REFERENCE TBARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION     GROSS AMOUNT 4,000 00     DISCOUNT TAKEN 0.00     NET AMOUNT PA 4,000 00       Image: State of Texas       TBAR M, Inc. 2549 Hwy 46 W New Braunfels, TX, 78132-3725     The State of Texas     Image:	Dot IVI, 110, NOR NO.     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008     0.00       REFERENCE TBARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 0.00     NET AMOUNT FA 4,000       TOTAL >     4,000.00     0.00     4,000       TOTAL >     4,000.00     0.00     4,000       THIS CHECK IS VOID WITHOUT A BLUE 3 FED BACKGROUND AND A TRUE WATERMARK - HOLD UP TO THE LIGHT TO VERIEV     3/31/2008       T Bar M, Inc. 2549 Hwy 46 W New Braunfels, TX 78132-3725     Chase Bank of Texas - New Braunfels 111 West San Antonio Street 32:115/1110     3/31/2008	2549 Hwy 46 W New Braunfels, 7 (830) 625-7738					
REFERENCE BARM WPAP         INV DATE 3/31/2008         INV DESCRIPTION 1318-08-06         GROSS AMOUNT 4,000 00         DISCOUNT TAKEN 0.00         NET AMOUNT PA 4,000           TOTAL >         4,000.00         0.00         4,000         0.00         4,000           TOTAL >         4,000.00         0.00         4,000         0.00         4,000           TOTAL >         4,000.00         0.00         4,000         0.00         4,000           THIS CHECK IS VOID WITHOUT A BLUE & RED BACKGROUND AND ATRUE WATERMARK - MOLD UP TO THE LIGHT TO VERIEY         Chase Bank of Texas - New Braunfels 111 West San Antonio Street 32-115/1110         337	LOUR NO         LOUR OF LOUR DOLL         LOUR DOLL         CHECK DATE         JUIL DOLL           REFERENCE         3/31/2008         1318-08-06         GROSS AMOUNT 4,000 00         DISCOUNT TAKEN 0.00         NET AMOUNT PA 4,000           REFERENCE         3/31/2008         1318-08-06         GROSS AMOUNT 4,000         DISCOUNT TAKEN 0.00         NET AMOUNT PA 4,000           TOTAL >         4,000.00         0.00         4,000           TOTAL >         4,000.00         0.00         4,000           THIS CHECK IS VOID WITHOUT A BLUE & RED BACKOROUND AND ATRUE WATERMARK - MOLD UP TO THE LIGHT TO VERIFY         3/31/2008         3/37           Star M, Inc. 2549 Hwy 46 W Vew Braunfels, TX 78132-3725         Chase Bank of Texas - New Braunfels 32-115/1110         3/31/2008         3/37	NODE NO.0     9534     NAME     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE TBARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION 1318-08-06     GROSS AMOUNT 4,000 00     DISCOUNT TAKEN 0.00     NET AMOUNT PA 4,000       Image: Check is word without A blue & RED Back KOROUND AND ATRUE WATERMARK - HOLD UP TO THE LIGHT TO VERIFY     0.00     4,000       T Bar M, Inc. 2549 Hwy 46 W New Braunfels, TX 78132-3725 (830) 625-7738     Chase Bank of Texas - New Braunfels 32-115/1110     Chase San Antonio Street 32-115/1110     3/31/2008	Dot NI, 1100, NOR NO.         MAME         TEXAS COMMISSION         CHECK DATE:         3/31/2008         OUT TAKEN           REFERENCE TBARM WPAP         INV DATE 3/31/2008         INV DESCRIPTION         GROSS AMOUNT 4,000 00         DISCOUNT TAKEN 0.00         NET AMOUNT PA 4,000           TBARM WPAP         3/31/2008         1318-08-06         GROSS AMOUNT 4,000         DISCOUNT TAKEN 0.00         NET AMOUNT PA 4,000           TOTAL         4,000.00         0.00         4,000           TOTAL >         4,000.00         0.00         4,000           THIS CHECK IS VOID WITHOUT A BLUE & RED BACKOROUND AND ATRUE WATERMARK - HOLD UP TO THE LIGHT TO VERIFY         THIS CHECK IS VOID WITHOUT A BLUE & RED BACKOROUND AND ATRUE WATERMARK - HOLD UP TO THE LIGHT TO VERIFY         337           TBAR M, Inc.         Chase Bank of Texas - New Braunfels 111 West San Antonio Street 32-115/1110         3/31/2008         3/37	2549 Hwy 46 W New Braunfels, 1 (830) 625-7738				The second se	
REFERENCE BARM WPAP         INV DATE 3/31/2008         INV DESCRIPTION 1318-08-06         GROSS AMOUNT 4,000 00         DISCOUNT TAKEN 0.00         NET AMOUNT PA 4,000           TOTAL >         4,000.00         0.00         4,000         0.00         4,000           TOTAL >         4,000.00         0.00         4,000         0.00         4,000           THIS CHECK IS VOID WITHOUT A BLUE & PEO BACKGROUND AND A TRUE WATERMARK - HOLD UP TO THE LIGHTTO VERIFY         337           TSBAR M, Inc. 5549 Hwy 46 W Vew Braunfels, TX 78132-3725         Chase Bank of Texas - New Braunfels 111 West San Antonio Street 32-115/1110         331/2008         337	LOUR NO         LOUR O         Lour O <thlour o<="" th=""> <thlour o<="" th=""> <thlour o<="" t<="" td=""><td>NOOR NO:         9534         NAME:         TEXAS COMMISSION         CHECK DATE:         3/31/2008           REFERENCE TBARM WPAP         INV DATE 3/31/2008         INV DESCRIPTION 1318-08-06         GROSS AMOUNT 4,000 00         DISCOUNT TAKEN 0.00         NET AMOUNT PA 4,000           TOTAL &gt;         4,000.00         0.00         4,000           TOTAL &gt;         4,000.00         0.00         4,000           THIS CHECK IS VOID WITHOUT A BLUE &amp; RED BACKGROUND AND A TRUE WATERMARK - HOLD UP TO THE LIGHT TO VERIFY         3/31/2008           TBAR M, Inc. 2549 Hwy 46 W New Braunfels, TX 78132-3725         Chase Bank of Texas - New Braunfels 111 West San Antonio Street 32-115/1110         3/31/2008</td><td>Dot NU, 1102, NAME     TEXAS COMMISSION     CHECK DATE: 3/31/2008     3/31/2008       REFERENCE     INV DATE     INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN       IBARM WPAP     3/31/2008     1318-08-06     GROSS AMOUNT     4,000 00       ITIDE     1318-08-06     GROSS AMOUNT     DISCOUNT TAKEN     0.00       ITIDE     1318-08-06     GROSS AMOUNT     0.00     A000       ITIDE     1318-08-06     GROSS AMOUNT     DISCOUNT TAKEN     0.00       ITIDE     ITIDE     ITIDE     ITIDE     ITIDE       ITIDE     ITIDE     ITIDE     ITIDE     ITIDE</td><td>2549 Hwy 46 W New Braunfels, 7 (830) 625-7738</td><td></td><td></td><td></td><td>AMOUNT +++ + -</td><td>00.00</td></thlour></thlour></thlour>	NOOR NO:         9534         NAME:         TEXAS COMMISSION         CHECK DATE:         3/31/2008           REFERENCE TBARM WPAP         INV DATE 3/31/2008         INV DESCRIPTION 1318-08-06         GROSS AMOUNT 4,000 00         DISCOUNT TAKEN 0.00         NET AMOUNT PA 4,000           TOTAL >         4,000.00         0.00         4,000           TOTAL >         4,000.00         0.00         4,000           THIS CHECK IS VOID WITHOUT A BLUE & RED BACKGROUND AND A TRUE WATERMARK - HOLD UP TO THE LIGHT TO VERIFY         3/31/2008           TBAR M, Inc. 2549 Hwy 46 W New Braunfels, TX 78132-3725         Chase Bank of Texas - New Braunfels 111 West San Antonio Street 32-115/1110         3/31/2008	Dot NU, 1102, NAME     TEXAS COMMISSION     CHECK DATE: 3/31/2008     3/31/2008       REFERENCE     INV DATE     INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN       IBARM WPAP     3/31/2008     1318-08-06     GROSS AMOUNT     4,000 00       ITIDE     1318-08-06     GROSS AMOUNT     DISCOUNT TAKEN     0.00       ITIDE     1318-08-06     GROSS AMOUNT     0.00     A000       ITIDE     1318-08-06     GROSS AMOUNT     DISCOUNT TAKEN     0.00       ITIDE     ITIDE     ITIDE     ITIDE     ITIDE	2549 Hwy 46 W New Braunfels, 7 (830) 625-7738				AMOUNT +++ + -	00.00
REFERENCE BARM WPAP         INV DATE 3/31/2008         INV DESCRIPTION 1318-08-06         GROSS AMOUNT 4,000 00         DISCOUNT TAKEN 0.00         NET AMOUNT PA 4,000           TOTAL >         4,000.00         0.00         4,000           TOTAL >         4,000.00         0.00         4,000           THIS CHECK IS VOID WITHOUT A BLUE & DED BACKGROUND AND ATRUE WATERMARK - HOLD UP TO THE LIGHT TO VERIEY         4,000         0.00         4,000           THIS CHECK IS VOID WITHOUT A BLUE & DED BACKGROUND AND ATRUE WATERMARK - HOLD UP TO THE LIGHT TO VERIEY         Chase Bank of Texas - New Braunfels 111 West San Antonio Street 32-115/11110         337           DATE         3/31/2008         AMOUNT **** 4,000.00         0.00         4.000	IDUA NO.	NODE NO.         934         NAME         TEXAS COMMISSION         CHECK DATE: 3/31/2008           REFERENCE         INV DATE         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT PA           BARM WPAP         3/31/2008         1318-08-06         GROSS AMOUNT         4,000.00         DISCOUNT TAKEN         0.00         NET AMOUNT PA           BARM WPAP         3/31/2008         1318-08-06         GROSS AMOUNT         4,000.00         VET AMOUNT PA           TOTAL         4,000.00         0.00         4,000         0.00         4,000           TOTAL >         4,000.00         0.00         4,000         0.00         4,000           THIS CHECK IS VOID WITHOUT A BLUE S RED BACKGROUND AND ATRUE WATERMARK HOLD UPTO THE UGHT TO VERIFY         Chase Bank of Texas - New Braunfels         337           2549 Hwy 46 W         Chase Bank of Texas - New Braunfels         111 West San Antonio Street         337           32:115/1110         DATE         3/31/2008         AMOUNT         4,000.00	Dot NV, 1102, NAME     TEXAS COMMISSION     CHECK DATE     3/31/2008     0.00       REFERENCE     INV DATE     INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN     NET AMOUNT PA       1318-08-06     1318-08-06     GROSS AMOUNT     4,000 00     DISCOUNT TAKEN     0.00     NET AMOUNT PA       1318-08-06     TOTAL >     4,000 00     0.00     4,000       TOTAL >     4,000 00     0.00     4,000	2549 Hwy 46 W New Braunfels, 7 (830) 625-7738				AMOUNT *** 4,0	00.00
REFERENCE BARM WPAP         INV DATE 3/31/2008         INV DESCRIPTION 1318-08-06         GROSS AMOUNT 4,000 00         DISCOUNT TAKEN 0.00         NET AMOUNT PA 4,000           TOTAL >         4,000 00         0.00         4,000         0.00         4,000           TOTAL >         4,000 00         0.00         4,000         0.00         4,000           TOTAL >         4,000 00         0.00         4,000         0.00         4,000           THIS CHECK IS VOID WITHOUT A BLUE & RED BACKOROUND AND ATRUE WATERMARK MOLD UP TO THE LIGHT TO VERIFY         0.00         4,000         0.00         4,000           THIS CHECK IS VOID WITHOUT A BLUE & RED BACKOROUND AND ATRUE WATERMARK MOLD UP TO THE LIGHT TO VERIFY         0.00         0.00         4,000           THIS CHECK IS VOID WITHOUT A BLUE & RED BACKOROUND AND ATRUE WATERMARK MOLD UP TO THE LIGHT TO VERIFY         0.00         4,000           THIS CHECK IS VOID WITHOUT A BLUE & RED BACKOROUND AND ATRUE WATERMARK MOLD UP TO THE LIGHT TO VERIFY         0.00         337           THIS CHECK IS VOID WITHOUT A BLUE & RED BACKOROUND AND ATRUE WATERMARK MOLD UP TO THE LIGHT TO VERIFY         337           THIS CHECK IS VOID WITHOUT A BLUE & RED BACKOROUND AND ATRUE WATERMARK MOLD UP TO THE LIGHT TO VERIFY         32-115/1110         337           THIS CHECK IS VOID WITHOUT A BLUE & RED BACKOROUND AND ATRUE WATERMARK MOLD UP TO THE LIGHT TO VERIFY         337         32-115/111	IDUR NO.         DOW         DOW         Description         Check Date         Discount Taken           BARM WPAP         3/31/2008         1318-08-06         GROSS AMOUNT 4,000 00         Discount Taken 0.00         NET AMOUNT PA 4,000           TOTAL >         4,000.00         0.00         4,000           THIS CHECK IS VOID WITHOUT A BLUE & RED BACKGROUND AND A TRUE WATERMARK - HOLD UP TO THE LIGHT TO VERIFY         0.00         4,000           THIS CHECK IS VOID WITHOUT A BLUE & RED BACKGROUND AND A TRUE WATERMARK - HOLD UP TO THE LIGHT TO VERIFY         0.00         4,000           THIS CHECK IS VOID WITHOUT A BLUE & RED BACKGROUND AND A TRUE WATERMARK - HOLD UP TO THE LIGHT TO VERIFY         337           TE BAR M, Inc.         Chase Bank of Texas - New Braunfels 111 West San Antonio Street 32-115/1110         337           BATE         3/31/2008         AMOUNT         *** 4,000.00	NOOR NO:         934         NAME         TEXAS COMMISSION         CHECK DATE:         3/31/2008           REFERENCE         INV DATE         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT PARAMOUNT PARAMOUNT           BARM WPAP         3/31/2008         1318-08-06         GROSS AMOUNT         4,000.00         DISCOUNT TAKEN         0.00         NET AMOUNT PARAMOUNT PARAMOUNT           IBARM WPAP         3/31/2008         1318-08-06         GROSS AMOUNT         4,000.00         VICE AMOUNT PARAMOUNT PARAMOUNT PARAMOUNT PARAMOUNT           TOTAL         X         4,000.00         0.00         4,000           THIS CHECK IS WOLD WITHOUT A BLUE & RED BACKGROUND AND ATRUE WATERMARK- HOLD UP TO THE LIGHT TO VERIFY         337           TBAR M, Inc.         Chase Bank of Texas - New Braunfels         337           2549 Hwy 46 W         Chase Bank of Texas - New Braunfels         337           111 West San Antonio Street         32-115/1110         DATE         3/31/2008           MOUNT         *** 4,000.00         AMOUNT         *** 4,000.00	Dot NV, 1102, NAME         NAME         TEXAS COMMISSION         CHECK DATE         3/31/2008         0.01           REFERENCE         INV DATE         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT PA           1318-08-06         1318-08-06         GROSS AMOUNT         DISCOUNT TAKEN         0.00         NET AMOUNT PA           1000 NO.         3/31/2008         1318-08-06         GROSS AMOUNT         DISCOUNT TAKEN         0.00         4.000           1000 NO.         3/31/2008         1318-08-06         GROSS AMOUNT         4.000.00         0.00         4.000           1000 NO.         TOTAL >         4.000.00         0.00         4.000         0.00         4.000           1000 NO.         TOTAL >         4.000.00         0.00         4.000         0.00         4.000           1000 NO.         THIS CHECK IS VOID W/MOUT A BLUE & RED BARKGROUND AND A TRUE WATERMARK HOLD UP TO THE LIGHT TO VERIFY         1000000         0.00         4.000           1000 NO.         THIS CHECK IS VOID W/MOUT A BLUE & RED BARKGROUND AND A TRUE WATERMARK HOLD UP TO THE LIGHT TO VERIFY         337           1000 NO.         THIS CHECK IS VOID W/MOUT A BLUE & RED BARK OT TEXAS - New Braunfels         337           111 West San Antonio Street         32-115/1110         3/31/2008	2549 Hwy 46 W New Braunfels, 1 (830) 625-7738				AMOUNT *** 4,0	00.00
REFERENCE BARM WPAP         INV DATE 3/31/2008         INV DESCRIPTION 1318-08-06         GROSS AMOUNT 4,000 00         DISCOUNT TAKEN 0.00         NET AMOUNT PA 4,00           TOTAL >         4,000.00         0.00         4,000         0.00         4,000           TOTAL >         4,000.00         0.00         4,000         0.00         4,000           TOTAL >         4,000.00         0.00         4,000         0.00         4,000           THIS CHECK IS VOID WITHOUT A BLUE & RED BACKGROUND AND ATRUE WATERMARK. HOLD UP TO THE LIGHT TO VERIFY         0.00         4,000           THIS CHECK IS VOID WITHOUT A BLUE & RED BACKGROUND AND ATRUE WATERMARK. HOLD UP TO THE LIGHT TO VERIFY         337           THIS CHECK IS VOID WITHOUT A BLUE & RED BACKGROUND AND ATRUE WATERMARK. HOLD UP TO THE LIGHT TO VERIFY         337           THIS CHECK IS VOID WITHOUT A BLUE & RED BACKGROUND AND ATRUE WATERMARK. HOLD UP TO THE LIGHT TO VERIFY         337           THIS CHECK IS VOID WITHOUT A BLUE & RED BACKGROUND AND ATRUE WATERMARK. HOLD UP TO THE LIGHT TO VERIFY         337           Chase Bank of Texas - New Braunfels 111 West San Antonio Street 32-115/1110         3/31/2008         3/31/2008           AMOUNT **** 4,000.00         AMOUNT **** 4,000.00         3/31/2008         3/31/2008         3/31/2008	DUR NO.         DUR NO. <t< td=""><td>NOR NO.         933         NAME         TEXAS COMMISSION         CHECK DATE:         3/31/2008           REFERENCE         INV DATE         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT P/           J31/2008         1318-08-06         1318-08-06         GROSS AMOUNT         4,000 00         DISCOUNT TAKEN         NET AMOUNT P/           LINU DESCRIPTION         GROSS AMOUNT         4,000 00         DISCOUNT TAKEN         0.00         4,000           LINU DESCRIPTION         GROSS AMOUNT         4,000 00         DISCOUNT TAKEN         0.00         4,000           LINU DESCRIPTION         TOTAL &gt;         4,000 00         0.00         4,000         0.00         4,000           LINU DESCRIPTION         TOTAL &gt;         4,000 00         0.00         4,000         0.00         4,000           LINU DESCRIPTION         TOTAL &gt;         4,000 00         0.00         4,000         0.00         4,000           LINU DESCRIPTION         Chase Bank of Texas - New Braunfels         THE GROSS AMOUNT **** 4,000 00         337           Staft Hwy 46 W         Yees Braunfels, TX 78132-3725         32-115/1110         DATE         3/31/2008           Staft Hwy 46 W         Yees Braunfels, TX 78132-3725         32-115/1110         DATE</td><td>DOT NO.         1953         NAME:         TEXAS COMMISSION         CHECK DATE:         3/31/2008         0.07           REFERENCE         INV DATE:         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT P/           BARM WPAP         3/31/2008         1318-08-06         GROSS AMOUNT         4,000         0.00         NET AMOUNT P/           BARM WPAP         3/31/2008         1318-08-06         GROSS AMOUNT         4,000         0.00         NET AMOUNT P/           TOTAL &gt;         4,000.00         0.00         0.00         4,000           TOTAL &gt;         4,000.00         0.00         4,000           TOTAL &gt;         2,000.00         0.00         4,000           TOTAL &gt;         3,000.00         0.00         4,000           Total se Bank of Texas - New Braunfel</td><td>2549 Hwy 46 W New Braunfels, 7 (830) 625-7738</td><td></td><td></td><td></td><td>AMOUNT *** 4,0</td><td>00.00</td></t<>	NOR NO.         933         NAME         TEXAS COMMISSION         CHECK DATE:         3/31/2008           REFERENCE         INV DATE         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT P/           J31/2008         1318-08-06         1318-08-06         GROSS AMOUNT         4,000 00         DISCOUNT TAKEN         NET AMOUNT P/           LINU DESCRIPTION         GROSS AMOUNT         4,000 00         DISCOUNT TAKEN         0.00         4,000           LINU DESCRIPTION         GROSS AMOUNT         4,000 00         DISCOUNT TAKEN         0.00         4,000           LINU DESCRIPTION         TOTAL >         4,000 00         0.00         4,000         0.00         4,000           LINU DESCRIPTION         TOTAL >         4,000 00         0.00         4,000         0.00         4,000           LINU DESCRIPTION         TOTAL >         4,000 00         0.00         4,000         0.00         4,000           LINU DESCRIPTION         Chase Bank of Texas - New Braunfels         THE GROSS AMOUNT **** 4,000 00         337           Staft Hwy 46 W         Yees Braunfels, TX 78132-3725         32-115/1110         DATE         3/31/2008           Staft Hwy 46 W         Yees Braunfels, TX 78132-3725         32-115/1110         DATE	DOT NO.         1953         NAME:         TEXAS COMMISSION         CHECK DATE:         3/31/2008         0.07           REFERENCE         INV DATE:         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT P/           BARM WPAP         3/31/2008         1318-08-06         GROSS AMOUNT         4,000         0.00         NET AMOUNT P/           BARM WPAP         3/31/2008         1318-08-06         GROSS AMOUNT         4,000         0.00         NET AMOUNT P/           TOTAL >         4,000.00         0.00         0.00         4,000           TOTAL >         4,000.00         0.00         4,000           TOTAL >         2,000.00         0.00         4,000           TOTAL >         3,000.00         0.00         4,000           Total se Bank of Texas - New Braunfel	2549 Hwy 46 W New Braunfels, 7 (830) 625-7738				AMOUNT *** 4,0	00.00
REFERENCE BARM WPAP         INV DATE 3/31/2008         INV DESCRIPTION 1318-08-06         GROSS AMOUNT 4,000 00         DISCOUNT TAKEN 0.00         NET AMOUNT P/ 4,00           TOTAL >         4,000.00         0.00         4,00         0.00         4,00           TOTAL >         4,000.00         0.00         4,00         0.00         4,00           THIS CHECK IS VOID WITHOUT A BLUE & PEO DACKOROUND AND A TRUE WATERMARK - HOLD UPTO THE LIGHT TO VERIFY         0.00         4,00           TBar M, Inc. 2549 Hwy 46 W Vew Braunfels, TX 78132-3725         Chase Bank of Texas - New Braunfels 111 West San Antonio Street 32-115/1110         337	DUR NO         DUR         INV DESCRIPTION         CRECK 041E         SUBJECT           REFERENCE         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         0.00         NET AMOUNT P/ 4.00           REFERENCE         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         0.00         NET AMOUNT P/ 4.00           TOTAL         4.000.00         0.00         4.00           TOTAL >         4.000.00         0.00         4.00           THIS CHECK IS VOID WITHOUT A BULE & RED BACKGROUND AND ATRUE WATERMARK - HOLD UP TO THE LIGHT TO VERIFY         Chase Bank of Texas - New Braunfels 111 West San Antonio Street 32-115/1110         3/31/2008         3/37           DATE         3/31/2008         AMOUNT         3/31/2008         AMOUNT         4,000.00	NOR NO         9534         NAME:         TEXAS COMMISSION         CHECK DATE:         3/3/2008           REFERENCE         INV DATE         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT P/           BARM WPAP         3/31/2008         1318-08-06         GROSS AMOUNT         4,000.00         DISCOUNT TAKEN         NET AMOUNT P/           BARM WPAP         3/31/2008         1318-08-06         GROSS AMOUNT         4,000.00         0.00         NET AMOUNT P/           TOTAL         4,000.00         0.00         0.00         4,00         0.00         4,00           TOTAL >         4,000.00         0.00         0.00         4,00         0.00         4,00           THESCHECK IS VOID WITHOUT A BLUE & RED BARKGROUND AND ATRUE WATERMARK+ HOLD UP TO THE LIGHT TO VERIFY         Chase Bank of Texas - New Braunfels         337           111 West San Antonio Street         32-115/1110         DATE         3/31/2008         337           MOUNT         32-115/1110         DATE         3/31/2008         AMOUNT         4,000.00	CHIL NY, 1103         NAME         TEXAS COMMISSION         CHECK DATE         3/31/2008         CHECK DATE         3/31/2008         Discount F/ 4,000         Discount Taken         Net AMOUNT F/ 4,000         Discount Taken         Net AMOUNT F/ 4,00         Discount Taken         Net AMOUNT F/ 4,00           TOTAL >         4,000.00         0.00         4,00         0.00         4,00           TOTAL >         4,000.00         0.00         4,00         0.00         4,00           TOTAL >         4,000.00         0.00         4,00         0.00         4,00           THIS CHECK IS VOID WITHOUT A BLUE & RED BACKGROUND AND ATRUE WATERMARK HOLD UP TO THE LIGHT TO VERIFY         Chase Bank of Texas - New Braunfels         331/2008         337           T Bar M, Inc.         2549 Hwy 46 W         Chase Bank of Texas - New Braunfels         337         337           111 West San Antonio Street 32-115/1110         32-115/1110         DATE         3/31/2008         AMOUNT         337	2549 Hwy 46 W New Braunfels, 7 (830) 625-7738				AMOUNT *** 4,0	00.00
REFERENCE BARM WPAP         INV DATE 3/31/2008         INV DESCRIPTION 1318-08-06         GROSS AMOUNT 4,000.00         DISCOUNT TAKEN 0.00         NET AMOUNT #, 4,00           TOTAL >         4,000.00         0.00         4,00           TOTAL >         4,000.00         0.00         4,00           THIS CHECK IS KOID WITHOUT A BLUE & RED DACKGROUND AND A TRUE WATERMARK - HOLD UP TO THE LIGHT TO VERIFY         4,00           TB Bar M, Inc. 2549 Hwy 46 W Vew Braunfels, TX 78132-3725         Chase Bank of Texas - New Braunfels 111 West San Antonio Street 32-115/1110         3/31/2008 AMOUNT **** 4,000.00         3/31/2008 AMOUNT **** 4,000.00	DUR NO         DOW         DOW         DOW         Discount         Discount         Discount         Discount         AMOUNT P           BARM WPAP         INV DESCRIPTION         GROSS AMOUNT         A.000 00         DISCOUNT TAKEN         0.00         NET AMOUNT P           BARM WPAP         INV DESCRIPTION         GROSS AMOUNT         A.000 00         DISCOUNT TAKEN         0.00         NET AMOUNT P           BARM WPAP         INV DESCRIPTION         GROSS AMOUNT         A.000 00         DISCOUNT TAKEN         0.00         NET AMOUNT P           TOTAL >         4.000.00         0.00         4.00         0.00         4.00           THIS CHECK IS VOID WITHOUT A BLUE & RED BAR-KORDUND AND A TRUE WATERMARK - HOLD UP TO THE LIGHT TO VERIFY         Chase Bank of Texas - New Braunfels         337           2549 Hwy 46 W         Vew Braunfels, TX 78132-3725         Chase Bank of Texas - New Braunfels         337           330) 625-7738         32-115/1110         DATE         3/31/2008         AMOUNT         4,000.00	LOOR NO         9534         NAME:         TEXAS COMMISSION         CHECK DATE:         3/31/2008           REFERENCE BARM WPAP         INV DATE:         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT P, 4,00           Image: State of the state of th	Link m, model         NAME         TEXAS COMMISSION         CHECK DATE         3/31/2008         OUT           REFERENCE         INV DATE         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT P/           BARM WPAP         3/31/2008         1318-08-06         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT P/           BARM WPAP         3/31/2008         1318-08-06         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT P/           BARM WPAP         3/31/2008         1318-08-06         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT P/           BARM WPAP         3/31/2008         1318-08-06         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT P/           BARM WPAP         3/31/2008         TOTAL >         4,000.00         0.00         4,00           TOTAL >         4,000.00         0.00         0.00         4,00           THIS CHECK IS VOID WITHOUT A BLUE & RED BACKOROUND AND A TRUE WATERMARK- HOLD UP TO THE LIGHT TO VERIFY         Chase Bank of Texas - New Braunfels         337           THE WATER AN OF TEXAS - NEW BRAUNFELS         3/31/2008         AMOUNT         3/31/2008         AMOUNT         4,000.00	2549 Hwy 46 W New Braunfels, 1 (830) 625-7738				AMOUNT *** 4,0	00.00
REFERENCE BARM WPAP         INV DATE 3/31/2008         INV DESCRIPTION 1318-08-06         GROSS AMOUNT 4,000.00         DISCOUNT TAKEN 0.00         NET AMOUNT P/ 4,00           TOTAL >         4,000.00         0.00         4,00         0.00         4,00           TOTAL >         4,000.00         0.00         4,00         4,00         0.00         4,00           TOTAL >         4,000.00         0.00         0.00         4,00         0.00         4,00           THIS CHECK IS VOID WITHOUT A BLUE & RED BACKGROUND AND A TRUE WATERIMARK - HOLD UP TO THE LIGHT TO VERIFY         337         337         337           THIS CHECK IS VOID WITHOUT A BLUE & RED BACKGROUND AND A TRUE WATERIMARK - HOLD UP TO THE LIGHT TO VERIFY         337         337           THIS CHECK IS VOID WITHOUT A BLUE & RED BACKGROUND AND A TRUE WATERIMARK - HOLD UP TO THE LIGHT TO VERIFY         337           THIS CHECK IS VOID WITHOUT A BLUE & RED BACKGROUND AND A TRUE WATERIMARK - HOLD UP TO THE LIGHT TO VERIFY         337           TOTAL -         4,000.00         0.00         4,00           TOTAL -         4,000.00         0.00         4,00	DUR NO         DOW         DOW         Diversion         Diversion <td>IOOR NO         9534         NAME         TEXAS COMMISSION         CHECK DATE         3/31/2008           REFERENCE BARM WPAP         INV DATE 3/31/2008         INV DESCRIPTION         GROSS AMOUNT 4,000         DISCOUNT TAKEN 0.00         NET AMOUNT P, 4,00           Image: Texas Commission         GROSS AMOUNT 4,000         DISCOUNT TAKEN 0.00         NET AMOUNT P, 4,00           Image: Texas Commission         GROSS AMOUNT 4,00         DISCOUNT TAKEN 0.00         NET AMOUNT P, 4,00           Image: Texas Commission         TOTAL &gt; 4,000.00         0.00         4,00           Image: Texas Commission         TOTAL &gt; 4,000.00         0.00         4,00           Image: Texas Commission         TOTAL &gt; 4,000.00         0.00         4,00           Image: Texas Check IS WORD WITHOUT A BLUE &amp; RED BARKGROUND AND ATRUE WATERMARK - HOLD UP TO THE LIGHT TO VERIFY         Chase Bank of Texas - New Braunfels 111 West San Antonio Street 32-115/1110         3/31/2008         3/37           Image: Texas Commission         Street 3/31/2008         MADUNT         3/31/2008         AMOUNT           AMOUNT         Texas - Texas Commission         Texas - New Braunfels 111 West San Antonio Street 32-115/1110         Image: Texas Commission         Date         3/31/2008  <td>Did Ivi, 112, IDOR NO.         1954         NAME         TEXAS COMMISSION         CHECK DATE         3/31/2008         OUT           REFERENCE BARM WPAP         INV DATE 3/31/2008         INV DESCRIPTION         GROSS AMOUNT 4,000 00         DISCOUNT TAKEN 0.00         NET AMOUNT P/ 4,000           TOTAL &gt;         4,000.00         0.00         4,00           TOTAL &gt;         4,000.00         0.00         4,00           TOTAL &gt;         4,000.00         0.00         4,00           THIS CHECK IS NOD WITHOUT A BLUE &amp; RED BACKGROUND AND ATFLIE WATERMARK - HOLD UP TO THE UGHT TO VERIEV         337           THIS CHECK IS NOD WITHOUT A BLUE &amp; SED BACKGROUND AND ATFLIE WATERMARK - HOLD UP TO THE UGHT TO VERIEV         337           THIS CHECK IS NOD WITHOUT A BLUE &amp; SED BACKGROUND AND ATFLIE WATERMARK - HOLD UP TO THE UGHT TO VERIEV         337           TEXEN THE WATERMARK - HOLD UP TO THE UGHT TO VERIEV         337           Stage Hwy 46 W         Yeau Braunfels         337           Yeau Braunfels, TX 78132-3725         111 West San Antonio Street         3/31/2008           MOUNT         3/31/2008         MOUNT         4,000.00</td><td>2549 Hwy 46 W New Braunfels, 7 (830) 625-7738</td><td>upond and 00/</td><td>100*****</td><td></td><td>AMOUNT *** 4,0</td><td>00.00</td></td>	IOOR NO         9534         NAME         TEXAS COMMISSION         CHECK DATE         3/31/2008           REFERENCE BARM WPAP         INV DATE 3/31/2008         INV DESCRIPTION         GROSS AMOUNT 4,000         DISCOUNT TAKEN 0.00         NET AMOUNT P, 4,00           Image: Texas Commission         GROSS AMOUNT 4,000         DISCOUNT TAKEN 0.00         NET AMOUNT P, 4,00           Image: Texas Commission         GROSS AMOUNT 4,00         DISCOUNT TAKEN 0.00         NET AMOUNT P, 4,00           Image: Texas Commission         TOTAL > 4,000.00         0.00         4,00           Image: Texas Commission         TOTAL > 4,000.00         0.00         4,00           Image: Texas Commission         TOTAL > 4,000.00         0.00         4,00           Image: Texas Check IS WORD WITHOUT A BLUE & RED BARKGROUND AND ATRUE WATERMARK - HOLD UP TO THE LIGHT TO VERIFY         Chase Bank of Texas - New Braunfels 111 West San Antonio Street 32-115/1110         3/31/2008         3/37           Image: Texas Commission         Street 3/31/2008         MADUNT         3/31/2008         AMOUNT           AMOUNT         Texas - Texas Commission         Texas - New Braunfels 111 West San Antonio Street 32-115/1110         Image: Texas Commission         Date         3/31/2008 <td>Did Ivi, 112, IDOR NO.         1954         NAME         TEXAS COMMISSION         CHECK DATE         3/31/2008         OUT           REFERENCE BARM WPAP         INV DATE 3/31/2008         INV DESCRIPTION         GROSS AMOUNT 4,000 00         DISCOUNT TAKEN 0.00         NET AMOUNT P/ 4,000           TOTAL &gt;         4,000.00         0.00         4,00           TOTAL &gt;         4,000.00         0.00         4,00           TOTAL &gt;         4,000.00         0.00         4,00           THIS CHECK IS NOD WITHOUT A BLUE &amp; RED BACKGROUND AND ATFLIE WATERMARK - HOLD UP TO THE UGHT TO VERIEV         337           THIS CHECK IS NOD WITHOUT A BLUE &amp; SED BACKGROUND AND ATFLIE WATERMARK - HOLD UP TO THE UGHT TO VERIEV         337           THIS CHECK IS NOD WITHOUT A BLUE &amp; SED BACKGROUND AND ATFLIE WATERMARK - HOLD UP TO THE UGHT TO VERIEV         337           TEXEN THE WATERMARK - HOLD UP TO THE UGHT TO VERIEV         337           Stage Hwy 46 W         Yeau Braunfels         337           Yeau Braunfels, TX 78132-3725         111 West San Antonio Street         3/31/2008           MOUNT         3/31/2008         MOUNT         4,000.00</td> <td>2549 Hwy 46 W New Braunfels, 7 (830) 625-7738</td> <td>upond and 00/</td> <td>100*****</td> <td></td> <td>AMOUNT *** 4,0</td> <td>00.00</td>	Did Ivi, 112, IDOR NO.         1954         NAME         TEXAS COMMISSION         CHECK DATE         3/31/2008         OUT           REFERENCE BARM WPAP         INV DATE 3/31/2008         INV DESCRIPTION         GROSS AMOUNT 4,000 00         DISCOUNT TAKEN 0.00         NET AMOUNT P/ 4,000           TOTAL >         4,000.00         0.00         4,00           TOTAL >         4,000.00         0.00         4,00           TOTAL >         4,000.00         0.00         4,00           THIS CHECK IS NOD WITHOUT A BLUE & RED BACKGROUND AND ATFLIE WATERMARK - HOLD UP TO THE UGHT TO VERIEV         337           THIS CHECK IS NOD WITHOUT A BLUE & SED BACKGROUND AND ATFLIE WATERMARK - HOLD UP TO THE UGHT TO VERIEV         337           THIS CHECK IS NOD WITHOUT A BLUE & SED BACKGROUND AND ATFLIE WATERMARK - HOLD UP TO THE UGHT TO VERIEV         337           TEXEN THE WATERMARK - HOLD UP TO THE UGHT TO VERIEV         337           Stage Hwy 46 W         Yeau Braunfels         337           Yeau Braunfels, TX 78132-3725         111 West San Antonio Street         3/31/2008           MOUNT         3/31/2008         MOUNT         4,000.00	2549 Hwy 46 W New Braunfels, 7 (830) 625-7738	upond and 00/	100*****		AMOUNT *** 4,0	00.00
REFERENCE BARM WPAP         INV DATE 3/31/2008         INV DESCRIPTION 1318-08-06         GROSS AMOUNT 4,000.00         DISCOUNT TAKEN 0.00         NET AMOUNT P/ 4,00           TOTAL >         4,000.00         0.00         4,000         0.00         4,000           TOTAL >         4,000.00         0.00         4,000         0.00         4,000           THIS CHECK IS VOID WITHOUT A BLUE & RED BARKGROUND AND ATRUE WATERMARK HOLD UP TO THE LIGHT TO VERIFY         Chase Bank of Texas - New Braunfels 111 West San Antonio Street 32-115/1110         331/2008         337           AY         Four Thousand and 00/100******         Four Thousand and 00/100******         400         400	DUR NO         DOW         DOW         Div D ESCRIPTION         CREEKENES         CREEKENES         ON         NET AMOUNT P, 4,00           BARM WPAP         INV D ESCRIPTION         GROSS AMOUNT 4,000         DISCOUNT TAKEN 0.00         NET AMOUNT 9,00         A,00           BARM WPAP         INV D ESCRIPTION         GROSS AMOUNT 4,000         DISCOUNT TAKEN 0.00         NET AMOUNT 9,00           TOTAL >         4,000.00         0.00         0.00         4,00           TOTAL >         4,000.00         0.00         4,00           THIS CHECK IS VOID WITHOUT A BLUE & RED BACKGROUND AND AT FUE WATERMARK - HOLD UP TO THE LIGHT TO VERIFY         337           Chase Bank of Texas - New Braunfels         111 West San Antonio Street         32-115/1110         337           DATE         3/31/2008         AMOUNT         4,000.00         AMOUNT         MADUNT	IOOR NO         9534         NAME:         TEXAS COMMISSION         CHECK DATE:         3/31/2008           BREFERENCE         BARM WPAP         INV DATE         1318-08-06         GROSS AMOUNT 4,000 00         DISCOUNT TAKEN 0,00         NET AMOUNT P, 4,00           BARM WPAP         3/31/2008         1318-08-06         GROSS AMOUNT 4,000 00         DISCOUNT TAKEN 0,00         NET AMOUNT P, 4,00           Image: State of the state	Dort vi, 1102,         NAME         TEXAS COMMISSION         CHECK DATE         3/31/2008         0.07           REFERENCE         BARM WPAP         NV DATE         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT P/           BARM WPAP         3/31/2008         1318-08-06         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT P/           BARM WPAP         3/31/2008         1318-08-06         GROSS AMOUNT         4,000         0.00         NET AMOUNT P/           TOTAL >         4,000.00         0.00         0.00         4,00           TOTAL >         4,000.00         0.00         4,00           THIS CHECK IS VOID WITHOUT A BLUE S RED BACKGROUND AND ATRUE WATERMARK - HOLD UP TO THE UGHT TO VERIFY         3/31/2008           THES CHECK IS VOID WITHOUT A BLUE S RED BACKGROUND AND ATRUE WATERMARK - HOLD UP TO THE UGHT TO VERIFY         3/31/2008           Sta9 Hwy 46 W, Jan Jin C.         Chase Bank of Texas - New Braunfels         3/31/2008           111 West San Antonio Street         3/31/2008         AMOUNT         4,000.00	2549 Hwy 46 W New Braunfels, 7 (830) 625-7738	usand and 00/	100*****		AMOUNT *** 4,0	00.00
REFERENCE BARM WPAP         INV DATE 3/31/2008         INV DESCRIPTION 1318-08-06         GROSS AMOUNT 4,000.00         DISCOUNT TAKEN 0.00         NET AMOUNT P/ 4,00           TOTAL >         4,000.00         0.00         4,00         0.00         4,00           TOTAL >         4,000.00         0.00         4,00         0.00         4,00           THIS CHECK IS VOID WITHOUT A BLUE & RED DARK GROUND AND ATRUE WATERMARK - HOLD UP TO THE LIGHT TO VERIFY         Chase Bank of Texas - New Braunfels 111 West San Antonio Street 32-115/1110         337           DATE         3/31/2008         3/31/2008         3/31/2008         3/31/2008           AMOUNT         *** 4,000.00         0.00         4/00         4/00	DUR NO.         DOW         DOW         DOW         DEVENDENCE         DEV	IDOR NO         9534         NAME         TEXAS COMMISSION         CHECK DATE         9/3/1/2008           REFERENCE         INV DATE         INV DATE <t< td=""><td>CHILDRING         THIS         NAME         TEXAS COMMISSION         CHECK DATE         3/3/2008         0.07           REFERENCE         INV DATE         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT P/ 4,000.00         DISCOUNT TAKEN         NET AMOUNT P/ 4,00           BARM WPAP         3/31/2008         1318-08-06         GROSS AMOUNT 4,000         DISCOUNT TAKEN         NET AMOUNT P/ 4,000           TOTAL         4,000.00         0.00         4,00           TOTAL &gt;         4,000.00         0.00         4,00           THIS CHECK IS KOID WITHOUT A BLUE X RED BACKGROUND AND ATRUE WATERMARK - HOLD UP TO THE UGHT TO VERIFY         337           TEAR M, INC.         Chase Bank of Texas - New Braunfels         3/31/2008           111 West San Antonio Street         3/31/2008         3/31/2008           Wew Braunfels, TX 78132-3725         22-115/1110         DATE         3/31/2008           AY         Four Thousand and 00/100******         Chase Bank of Texas - New Braunfels         3/31/2008</td><td>2549 Hwy 46 W New Braunfels, 7 830) 625-7738 AY Four Tho</td><td>usand and 00/</td><td>100*****</td><td></td><td>AMOUNT *** 4,0</td><td>00.00</td></t<>	CHILDRING         THIS         NAME         TEXAS COMMISSION         CHECK DATE         3/3/2008         0.07           REFERENCE         INV DATE         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT P/ 4,000.00         DISCOUNT TAKEN         NET AMOUNT P/ 4,00           BARM WPAP         3/31/2008         1318-08-06         GROSS AMOUNT 4,000         DISCOUNT TAKEN         NET AMOUNT P/ 4,000           TOTAL         4,000.00         0.00         4,00           TOTAL >         4,000.00         0.00         4,00           THIS CHECK IS KOID WITHOUT A BLUE X RED BACKGROUND AND ATRUE WATERMARK - HOLD UP TO THE UGHT TO VERIFY         337           TEAR M, INC.         Chase Bank of Texas - New Braunfels         3/31/2008           111 West San Antonio Street         3/31/2008         3/31/2008           Wew Braunfels, TX 78132-3725         22-115/1110         DATE         3/31/2008           AY         Four Thousand and 00/100******         Chase Bank of Texas - New Braunfels         3/31/2008	2549 Hwy 46 W New Braunfels, 7 830) 625-7738 AY Four Tho	usand and 00/	100*****		AMOUNT *** 4,0	00.00
REFERENCE BARM WPAP         INV DATE 3/31/2008         INV DESCRIPTION 1318-08-06         GROSS AMOUNT 4,000.00         DISCOUNT TAKEN 0.00         NET AMOUNT P, 4,00           TOTAL >         4,000.00         0.00         4,00         0.00         4,00           TOTAL >         4,000.00         0.00         4,00         0.00         4,00           TOTAL >         4,000.00         0.00         4,00         0.00         4,00           THIS CHECK IS VOID WITHOUT A BLUE 3 RED BARK GROUND AND ATRUE WATERMARK HOLD UP TO THE LIGHT TO VERIFY         Chase Bank of Texas - New Braunfels 111 West San Antonio Street 32-115/1110         337           DATE         3/31/2008         3/31/2008         3/31/2008         3/31/2008           AMOUNT         *** 4,000.00         0.00         4/00         0/00	DUR NO         DUR         INV DESCRIPTION         CHEUR VALUE         UNIT AMOUNT F.           REFERENCE         3/31/2008         1318-08-06         GROSS AMOUNT 4,000.00         DISCOUNT TAKEN         NET AMOUNT F.           REFERENCE         TOTAL         GROSS AMOUNT 4,000.00         DISCOUNT TAKEN 0.00         NET AMOUNT F.           TOTAL >         4,000.00         0.00         4,00           TOTAL >         4,000.00         0.00         4,00           THIS CHECK IS VOID WITHOUT A BLUE & RED BACKGROUND AND ATRUE WATERMARK HOLD UP TO THE LIGHT TO VERIFY         337           TBar M, Inc. 5249 Hwy 46 W Vew Braunfels, TX 78132-3725         Chase Bank of Texas - New Braunfels 111 West San Antonio Street 32-115/1110         331/2008 AMOUNT         337           AY         Four Thousand and 00/100******         Four Thousand and 00/100******         400	IDOR NO         9534         NAME         TEXAS COMMISSION         CHECK DATE         9/3/1/2008           REFERENCE         INV DATE         INV INT	CHILDRING         THOM         NAME         TEXAS COMMISSION         CHECK DATE         3/3/2008         0.07           REFERENCE BARM WPAP         NV DATE 3/31/2008         INV DESCRIPTION         GROSS AMOUNT 4,000.00         DISCOUNT TAKEN 0.00         NET AMOUNT P. 4,000           TOTAL >         4,000.00         0.00         4.00           THIS CHECK IS VOID WITHOUT A BLIUE & RED BACKGROUND AND ATRUE WATERMARK HOLD UP TO THE UGHT TO VERIFY         549 Hwy, 46 W         Chase Bank of Texas - New Braunfels 111 West San Antonio Street 32-115/1110         3/31/2008         3/31/	2549 Hwy 46 W New Braunfels, 7 830) 625-7738 AY Four The	usand and 00/	100*****		AMOUNT *** 4,0	00.00
REFERENCE BARM WPAP         INV DATE 3/31/2008         INV DESCRIPTION 1318-08-06         GROSS AMOUNT 4,000.00         DISCOUNT TAKEN 0.00         NET AMOUNT P, 4,00           TOTAL >         4,000.00         0.00         4,00         0.00         4,00           TOTAL >         4,000.00         0.00         4,00         0.00         4,00           THIS CHECK IS VOID WITHOUT A BLUE & RED BARKGROUND AND ATRUE WATERMARK + HOLD UP TO THE LIGHT TO VERIFY         Chase Bank of Texas - New Braunfels 111 West San Antonio Street 32-115/1110         337           DATE         3/31/2008         AMOUNT         ** 4,000.00         0.00         4.00	DUR NO.         DATE         INVESTIGATION         DESCRIPTION         DESCRIPION         DESCRIPION         DESC	IDOR NO         9534         NAME         TEXAS COMMISSION         CHECK DATE         9/3/1/2008           REFERENCE         INV DATE         INV INT	CHUN, 1120,         NAME         TEXAS COMMISSION         CHECK DATE         3/3/2008         0.00           REFERENCE BARM WPAP         NV DATE 3/3/2008         INV DESCRIPTION         GROSS AMOUNT 4,000.00         DISCOUNT TAKEN 0.00         NET AMOUNT P, 4,000           TOTAL >         4,000.00         0.00         4.00           THIS CHECK IS VOID WITHOUT A BLUE & REED BACKGEOUND AND ATIFUE WATERMARK-HOLD UP TO THE UGHT TO VERIFY         337           TS49 Hwy 46 W         Chase Bank of Texas - New Braunfels 1111 West San Antonio Street 32:115/1110         3/31/2008           MOUNT <td< td=""><td>2549 Hwy 46 W New Braunfels, T 830) 625-7738 AY Four The</td><td>usand and 00/</td><td>100*****</td><td></td><td>AMOUNT *** 4,0</td><td>00.00</td></td<>	2549 Hwy 46 W New Braunfels, T 830) 625-7738 AY Four The	usand and 00/	100*****		AMOUNT *** 4,0	00.00
REFERENCE BARM WPAP         INV DATE 3/31/2008         INV DESCRIPTION 1318-08-06         GROSS AMOUNT 4,000.00         DISCOUNT TAKEN 0.00         NET AMOUNT P, 4,00           TOTAL >         4,000.00         0.00         4,00         0.00         4,00           TOTAL >         4,000.00         0.00         4,00         0.00         4,00           TOTAL >         4,000.00         0.00         4,00         0.00         4,00           THIS CHECK IS VOID WITHOUT A BLUE 3 RED DARK GROUND AND ATRUE WATERMARK HOLD UP TO THE LIGHT TO VERIFY         Chase Bank of Texas - New Braunfels 111 West San Antonio Street 32-115/1110         337           DATE         3/31/2008         AMOUNT         3/31/2008         AMOUNT         4,000.00	DUR NO.         DOW         DOW         Div D ESCRIPTION         CHECK LATE.         DIVED           REFERENCE         3/31/2008         1318-08-06         GROSS AMOUNT 4,000.00         DISCOUNT TAKE 4,000.00         DISCOUNT TAKE 0.00         NET AMOUNT P, 4,00           TOTAL >         4,000.00         0.00         4,00         4,00           THIS CHECK IS VOID WITHOUT A BLUE & RED BARKGROUND AND ATRUE WATERMARK - HOLD UP TO THE LIGHT TO VERIFY         337 Chase Bank of Texas - New Braunfels 111 West San Antonio Street 32-115/1110         337 DATE         3/31/2008         337 AMOUNT	IDOR NO         9534         NAME         TEXAS COMMISSION         CHECK DATE         9/3/1/2008           REFERENCE         INV DATE         INV DATE <t< td=""><td>CHICK WITHOUT         NAME         TEXAS COMMISSION         CHECK DATE         3/3/2008         OT A           REFERENCE         INV DATE         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT P.           BARM WPAP         3/3/2008         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT P.           BARM WPAP         3/3/2008         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT P.           BARM WPAP         3/3/2008         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT P.           BARM WPAP         3/3/2008         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT P.           BARM WPAP         3/3/2008         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT P.           Image: Investment of the structure of the</td><td>2549 Hwy 46 W New Braunfels, 7 (830) 625-7738 AY Four The</td><td>usand and 00/</td><td>100*****</td><td></td><td>AMOUNT *** 4,0</td><td>00.00</td></t<>	CHICK WITHOUT         NAME         TEXAS COMMISSION         CHECK DATE         3/3/2008         OT A           REFERENCE         INV DATE         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT P.           BARM WPAP         3/3/2008         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT P.           BARM WPAP         3/3/2008         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT P.           BARM WPAP         3/3/2008         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT P.           BARM WPAP         3/3/2008         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT P.           BARM WPAP         3/3/2008         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT P.           Image: Investment of the structure of the	2549 Hwy 46 W New Braunfels, 7 (830) 625-7738 AY Four The	usand and 00/	100*****		AMOUNT *** 4,0	00.00
REFERENCE BARM WPAP         INV DATE 3/31/2008         INV DESCRIPTION 1318-08-06         GROSS AMOUNT 4,000.00         DISCOUNT TAKEN 4,000         NET AMOUNT P, 4,00           TOTAL >         4,000.00         0.00         4,00 <td>DUR NO         DOW         DOW         DOW         Div DESCRIPTION         CHEUR ALL         DISCOUNT TAKE         DISCOUNT TAKE<td>IDOR NO         9534         NAME         TEXAS COMMISSION         CHECK DATE         9/3/1/2008           REFERENCE         NV DATE         NV DATE</td><td>Lot with the state of the state of</td><td>2549 Hwy 46 W New Braunfels, 7 (830) 625-7738 AY Four Tho</td><td>usand and 00/</td><td>100*****</td><td></td><td>AMOUNT *** 4,0</td><td>00.00</td></td>	DUR NO         DOW         DOW         DOW         Div DESCRIPTION         CHEUR ALL         DISCOUNT TAKE         DISCOUNT TAKE <td>IDOR NO         9534         NAME         TEXAS COMMISSION         CHECK DATE         9/3/1/2008           REFERENCE         NV DATE         NV DATE</td> <td>Lot with the state of the state of</td> <td>2549 Hwy 46 W New Braunfels, 7 (830) 625-7738 AY Four Tho</td> <td>usand and 00/</td> <td>100*****</td> <td></td> <td>AMOUNT *** 4,0</td> <td>00.00</td>	IDOR NO         9534         NAME         TEXAS COMMISSION         CHECK DATE         9/3/1/2008           REFERENCE         NV DATE	Lot with the state of	2549 Hwy 46 W New Braunfels, 7 (830) 625-7738 AY Four Tho	usand and 00/	100*****		AMOUNT *** 4,0	00.00
REFERENCE BARM WPAP         INV DATE 3/31/2008         INV DESCRIPTION 1318-08-06         GROSS AMOUNT 4,000.00         DISCOUNT TAKEN 4,000         NET AMOUNT P, 4,00           TOTAL >         4,000.00         0.00         4,00 <td>DUR NO         DOW         DOW         Div D ESCRIPTION         CREEKENDER         CREEXENDER         DISCOUNT TAKE         DISCOUNT TAKE         ON         NET AMOUNT P, 4,00           BARM WPAP         1318-08-06         1318-08-06         GROSS AMOUNT 4,000         DISCOUNT TAKE         0.00         NET AMOUNT P, 4,00           Image: Total and the second and t</td> <td>DOR NO         9534         NAME:         TEXAS COMMISSION         CHECK DATE:         3/31/2008           REFERENCE         BARM WPAP         INV DATE:         3/31/2008         ISSOUNT TAKEN         DISCOUNT TAKEN         DISCOUNT TAKEN         0.00         NET AMOUNT P.           BARM WPAP         3/31/2008         ISSOURT:         ISSOURT:         ISSOUNT TAKEN         DISCOUNT TAKEN         0.00         NET AMOUNT P.         4,00           Image: Internet inte</td> <td>Date With 1120         NAME         TEXAS COMMISSION         CHECK DATE         3/31/2008         0.07           REFERENCE BARM WPAP         NV DATE 3/31/2008         INV DESCRIPTION         GROSS AMOUNT 4,000 00         DISCOUNT TAKEN 0.00         NET AMOUNT P. 4,000           TOTAL &gt;         4,000.00         0.00         4,00           THIS CHECK IS VOID WITHOUT A BLUE IS RED BACKGEOUND AND ATBLE WATERMARK - HOLD UP TO THE LIGHT TO VERIFY         3/31/2008           THES CHECK IS VOID WITHOUT A BLUE IS RED BACKGEOUND AND ATBLE WATERMARK - HOLD UP TO THE LIGHT TO VERIFY         3/31/2008           THES CHECK IS VOID WITHOUT A BLUE IS RED BACKGEOUND AND ATBLE WATERMARK - HOLD UP TO THE LIGHT TO VERIFY         3/31/2008           THES CHECK IS VOID WITHOUT A BLUE IS RED BACKGEOUND AND ATBLE WATERMARK - HOLD UP TO THE LIGHT TO VERIFY         3/37           Stage Hwy 46 US, TX 78132-3725         Chase Bank of Texas - New Braunfels 111 West San Antonio Street 32-115/1110         3/31/2008           AMOUNT         THE 3/31/2008         AMOUNT         4,000.00</td> <td>2549 Hwy 46 W New Braunfels, 7 830) 625-7738</td> <td>usand and 00/</td> <td>100*****</td> <td></td> <td>AMOUNT *** 4,0</td> <td>00.00</td>	DUR NO         DOW         DOW         Div D ESCRIPTION         CREEKENDER         CREEXENDER         DISCOUNT TAKE         DISCOUNT TAKE         ON         NET AMOUNT P, 4,00           BARM WPAP         1318-08-06         1318-08-06         GROSS AMOUNT 4,000         DISCOUNT TAKE         0.00         NET AMOUNT P, 4,00           Image: Total and the second and t	DOR NO         9534         NAME:         TEXAS COMMISSION         CHECK DATE:         3/31/2008           REFERENCE         BARM WPAP         INV DATE:         3/31/2008         ISSOUNT TAKEN         DISCOUNT TAKEN         DISCOUNT TAKEN         0.00         NET AMOUNT P.           BARM WPAP         3/31/2008         ISSOURT:         ISSOURT:         ISSOUNT TAKEN         DISCOUNT TAKEN         0.00         NET AMOUNT P.         4,00           Image: Internet inte	Date With 1120         NAME         TEXAS COMMISSION         CHECK DATE         3/31/2008         0.07           REFERENCE BARM WPAP         NV DATE 3/31/2008         INV DESCRIPTION         GROSS AMOUNT 4,000 00         DISCOUNT TAKEN 0.00         NET AMOUNT P. 4,000           TOTAL >         4,000.00         0.00         4,00           THIS CHECK IS VOID WITHOUT A BLUE IS RED BACKGEOUND AND ATBLE WATERMARK - HOLD UP TO THE LIGHT TO VERIFY         3/31/2008           THES CHECK IS VOID WITHOUT A BLUE IS RED BACKGEOUND AND ATBLE WATERMARK - HOLD UP TO THE LIGHT TO VERIFY         3/31/2008           THES CHECK IS VOID WITHOUT A BLUE IS RED BACKGEOUND AND ATBLE WATERMARK - HOLD UP TO THE LIGHT TO VERIFY         3/31/2008           THES CHECK IS VOID WITHOUT A BLUE IS RED BACKGEOUND AND ATBLE WATERMARK - HOLD UP TO THE LIGHT TO VERIFY         3/37           Stage Hwy 46 US, TX 78132-3725         Chase Bank of Texas - New Braunfels 111 West San Antonio Street 32-115/1110         3/31/2008           AMOUNT         THE 3/31/2008         AMOUNT         4,000.00	2549 Hwy 46 W New Braunfels, 7 830) 625-7738	usand and 00/	100*****		AMOUNT *** 4,0	00.00
REFERENCE BARM WPAP         INV DATE 3/31/2008         INV DESCRIPTION 1318-08-06         GROSS AMOUNT 4,000.00         DISCOUNT TAKEN 4,000.00         NET AMOUNT P 4,000           TOTAL >         4,000.00         0.00         4,000	DUR NO.         DUR         INV DESCRIPTION         GROSS AMOUNT         DESCOUNT TAKE         NET AMOUNT P. 4,00           BARM WPAP         INV DESCRIPTION         GROSS AMOUNT         A,000,00         DISCOUNT TAKE         0.00         NET AMOUNT P. 4,00           BARM WPAP         INV DESCRIPTION         GROSS AMOUNT         A,000,00         DISCOUNT TAKE         0.00         NET AMOUNT P. 4,00           TOTAL >         4,000,00         0.00         0.00         4,00           TOTAL >         4,000,00         0.00         4,00           THIS CHECK IS KOID WITHOUT A BLUE & RED BACKGROUND AND ATRUE WATERMARK - HOLD UP TO THE LIGHT TO VERIFY         Chase Bank of Texas - New Braunfels         337           St49 Hwy 46 W         Vew Braunfels, TX 78132-3725         S2-115/1110         DATE         3/31/2008           AMOUNT *** 4,000,00         32-115/1110         AMOUNT *** 4,000,00         AMOUNT *** 4,000,00	DOR NO         9534         NAME:         TEXAS COMMISSION         CHECK DATE:         3/31/2008           REFERENCE BARM WPAP         INV DATE:         INV DESCRIPTION         GROSS AMOUNT 4,000.00         DISCOUNT TAKEN 0.00         NET AMOUNT P. 4,00           Image: State of the state of th	Dist vit, into.         NAME         TEXAS COMMISSION         CHECK DATE         3/3/2008         OT           REFERENCE         INV DATE         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT P.           BARM WPAP         3/3/2008         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT P.           BARM WPAP         3/3/2008         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT P.           BARM WPAP         3/3/2008         INV DESCRIPTION         GROSS AMOUNT         4,000 00         DISCOUNT TAKEN         0.00         A,00           TOTAL >         4,000.00         0.00         4,00         0.00         4,00           THIS CHECK IS VOID WITHOUT A BILLE & RED BACKGROUND AND ATRUE WATERMARK HOLD UP TO THE LIGHT TO VERIFY         0.00         4,00           THIS CHECK IS VOID WITHOUT A BILLE & RED BACKGROUND AND ATRUE WATERMARK HOLD UP TO THE LIGHT TO VERIFY         0.00         4,00           THIS CHECK IS VOID WITHOUT A BILLE & RED BACKGROUND AND ATRUE WATERMARK HOLD UP TO THE LIGHT TO VERIFY         0.00         0.00         4,00           THIS CHECK IS VOID WITHOUT A BILLE & RED BACKGROUND AND ATRUE WATERMARK HOLD UP TO THE LIGHT TO VERIFY         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00 <td>2549 Hwy 46 W New Braunfels, 7 (830) 625-7738</td> <td>usand and 00/</td> <td>100*****</td> <td></td> <td>AMOUNT *** 4,0</td> <td>00.00</td>	2549 Hwy 46 W New Braunfels, 7 (830) 625-7738	usand and 00/	100*****		AMOUNT *** 4,0	00.00
REFERENCE BARM WPAP         INV DATE 3/31/2008         INV DESCRIPTION 1318-08-06         GROSS AMOUNT 4,000.00         DISCOUNT TAKEN 4,000         NET AMOUNT P, 4,00           TOTAL >         4,000.00         0.00         4,00         0.00         4,00           TOTAL >         4,000.00         0.00         4,00         0.00         4,00           TOTAL >         4,000.00         0.00         4,00         0.00         4,00           THIS CHECK IS VOID WITHOUT A BLUE & RED BACKGROUND AND ATRUE WATERMARK - HOLD UP TO THE LIGHT TO VERIFY         0.00         4,00           Chase Bank of Texas - New Braunfels 30) 625-7738         Chase Bank of Texas - New Braunfels 32-115/1110         0.00         0.00         0.00	DUR NO.         NET AMOUNT P.         NU DESCRIPTION         GROSS AMOUNT 4,000         DISCOUNT TAKE NO.00         NET AMOUNT P. 4,00         NET AMOUNT P.	DOR NO         9534         NAME         TEXAS COMMISSION         CHECK DATE:         3/31/2008           REFERENCE         INV DATE         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT P, 4,00           BARM WPAP         3/31/2008         1318-08-06         GROSS AMOUNT         4,000,00         DISCOUNT TAKEN         NET AMOUNT P, 4,00           Image: State of the state o	CHUN, INC.         NAME:         TEXAS COMMISSION         CHECK DATE:         3/3/2008         0.07           REFERENCE         INV DATE:         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT P.           BARM WPAP         3/31/2008         1318-08-06         FILS OF COMMISSION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT P.           BARM WPAP         3/31/2008         1318-08-06         FILS OF COMMISSION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT P.           TOTAL >         4,000.00         0.00         0.00         4.00           TOTAL >         4,000.00         0.00         4.00           THIS CHECK IS VOID WITHOUT A BLUE & RED BAR (KGRHOUND AND ATRUE WATERMARK HOLD UPTO THE LIGHT TO VERIEY         Chase Bank of Texas - New Braunfels         111 West San Antonio Street'         337           2549 Hwy 46 W         Yew Braunfels, TX 78132-3725         S1115/1110         Chase Bank of Texas - New Braunfels         1371/2008         AMOUNT         337	2549 Hwy 46 W New Braunfels, 1 830) 625-7738				AMOUNT *** 4,0	00.00
REFERENCE BARM WPAP         INV DATE 3/31/2008         INV DESCRIPTION 1318-08-06         GROSS AMOUNT 4,000 00         DISCOUNT TAKEN 4,000 00         NET AMOUNT P 4,000           TOTAL >         4,000.00         0.00         4,000         0.00         4,000           TOTAL >         4,000.00         0.00         4,000         0.00         4,000           TOTAL >         4,000.00         0.00         4,000         0.00         4,000           THIS CHECK IS VOID WITHOUT A BLUE & REO BACKGROUND AND ATRUE WATERMARK - HOLD UP TO THE LIGHT TO VERIFY         Chase Bank of Texas - New Braunfels 111 West San Antonio Street 32-115/1110         331/2008         337           DATE         3/31/2008         3/31/2008         3/31/2008         3/31/2008	DUR NO         DOW         DOW         Disk         Disk <thdisk< th="">         Disk         Disk         <thd< td=""><td>DOR NO         9534         NAME         TEXAS COMMISSION         CHECK DATE:         3/31/2008           REFERENCE BARM WPAP         INV DATE 3/31/2008         INV DESCRIPTION         GROSS AMOUNT 4,000.00         DISCOUNT TAKEN 0.00         NET AMOUNT 9,400           TOTAL &gt;         4,000.00         0.00         0.00         4,000           TOTAL &gt;         4,000.00         0.00         4,000           TOTAL &gt;         4,000.00         0.00         4,000           TOTAL &gt;         4,000.00         0.00         4,000           THIS CHECK 19 VOID WITHOUT A BLUE &amp; RED BACKGROUND AND ATFUE WATERMARK - HOLD UP TO THE LIGHT TO VERIEX (549 Hwy 46 W) Vew Braunfels, TX 78132-3725         Chase Bank of Texas - New Braunfels 111 West San Antonio Street 32-115/1110         337           DATE         3/31/2008         AMOUNT         4,000.00         0.00</td><td>Did Int, 1103, Inc.         NAME         TEXAS COMMISSION         CHECK DATE         3/31/2008         NOT TAKEN         NOT TAKEN<td>2549 Hwy 46 W New Braunfels, 7 830) 625-7738</td><td></td><td></td><td></td><td>AMOUNT *** 4,0</td><td>00.00</td></td></thd<></thdisk<>	DOR NO         9534         NAME         TEXAS COMMISSION         CHECK DATE:         3/31/2008           REFERENCE BARM WPAP         INV DATE 3/31/2008         INV DESCRIPTION         GROSS AMOUNT 4,000.00         DISCOUNT TAKEN 0.00         NET AMOUNT 9,400           TOTAL >         4,000.00         0.00         0.00         4,000           TOTAL >         4,000.00         0.00         4,000           TOTAL >         4,000.00         0.00         4,000           TOTAL >         4,000.00         0.00         4,000           THIS CHECK 19 VOID WITHOUT A BLUE & RED BACKGROUND AND ATFUE WATERMARK - HOLD UP TO THE LIGHT TO VERIEX (549 Hwy 46 W) Vew Braunfels, TX 78132-3725         Chase Bank of Texas - New Braunfels 111 West San Antonio Street 32-115/1110         337           DATE         3/31/2008         AMOUNT         4,000.00         0.00	Did Int, 1103, Inc.         NAME         TEXAS COMMISSION         CHECK DATE         3/31/2008         NOT TAKEN         NOT TAKEN <td>2549 Hwy 46 W New Braunfels, 7 830) 625-7738</td> <td></td> <td></td> <td></td> <td>AMOUNT *** 4,0</td> <td>00.00</td>	2549 Hwy 46 W New Braunfels, 7 830) 625-7738				AMOUNT *** 4,0	00.00
REFERENCE BARM WPAP         INV DATE 3/31/2008         INV DESCRIPTION 1318-08-06         GROSS AMOUNT 4,000 00         DISCOUNT TAKEN 4,000 00         NET AMOUNT P 4,00           TOTAL >         4,000.00         0.00         0.00         4,00         0.00         4,00           TOTAL >         4,000.00         0.00         0.00         4,00         0.00         4,00           TOTAL >         4,000.00         0.00         0.00         4,00         0.00         4,00           THIS CHECK IS VOID WITHOUT A BLUE & RED BACKGROUND AND ATTRUE WATERMARK - HOLD UP TO THELIGHT TO VERIFY         Chase Bank of Texas - New Braunfels 111 West San Antonio Street 32-115/1110         337           DATE         3/31/2008         0.00         0.00         0.00         0.00	DUR NO.         DOW         Disc.         Dis.         Disc.         Disc. <thd< td=""><td>DOR NO         9534         NAME         TEXAS COMMISSION         CHECK DATE         3/3/2008           REFERENCE         INV DATE         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT P           BARM WPAP         3/31/2008         1318-08-06         GROSS AMOUNT         4,000.00         DISCOUNT TAKEN         NET AMOUNT P           BARM WPAP         3/31/2008         1318-08-06         GROSS AMOUNT         4,000.00         ISCOUNT TAKEN         0.00         NET AMOUNT P           Check Date         1318-08-06         TOTAL &gt;         4,000.00         0.00         4,00           TOTAL &gt;         4,000.00         0.00         4,00         0.00         4,00           THIS CHECK IS VOID WITHOUT A BLUE &amp; RED BACKGROUND AND ATRUEWATERMARK HOLD UPTOTHE LIGHT TO VERIFY         Chase Bank of Texas - New Braunfels         337           St49 Hwy 46 W         Vew Braunfels, TX 78132-3725         Chase Bank of Texas - New Braunfels         337           32-115/1110         DATE         3/31/2008         32-115/1110         DATE         3/31/2008</td><td>CHUN, 1103         NAME         TEXAS COMMISSION         CHECK DATE         3/31/2008         0.00           REFERENCE         INV DATE         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT P           BARM WPAP         3/31/2008         1318-08-06         GROSS AMOUNT         4,000.00         NET AMOUNT P           BARM WPAP         3/31/2008         1318-08-06         GROSS AMOUNT         4,000.00         NET AMOUNT P           Chun And Array         1318-08-06         TOTAL &gt;         4,000.00         0.00         4,00           Chun And Array         TOTAL &gt;         4,000.00         0.00         4,00           Chase Bank of Texas - New Braunfels         111 West San Antonio Street         3/31/2008         3/37           S30) 625-7738         32-115/1110         DATE         3/31/2008         3/37</td><td>2549 Hwy 46 W New Braunfels, 1 830) 625-7738</td><td></td><td></td><td></td><td>AMOUNT *** 4,0</td><td>00.00</td></thd<>	DOR NO         9534         NAME         TEXAS COMMISSION         CHECK DATE         3/3/2008           REFERENCE         INV DATE         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT P           BARM WPAP         3/31/2008         1318-08-06         GROSS AMOUNT         4,000.00         DISCOUNT TAKEN         NET AMOUNT P           BARM WPAP         3/31/2008         1318-08-06         GROSS AMOUNT         4,000.00         ISCOUNT TAKEN         0.00         NET AMOUNT P           Check Date         1318-08-06         TOTAL >         4,000.00         0.00         4,00           TOTAL >         4,000.00         0.00         4,00         0.00         4,00           THIS CHECK IS VOID WITHOUT A BLUE & RED BACKGROUND AND ATRUEWATERMARK HOLD UPTOTHE LIGHT TO VERIFY         Chase Bank of Texas - New Braunfels         337           St49 Hwy 46 W         Vew Braunfels, TX 78132-3725         Chase Bank of Texas - New Braunfels         337           32-115/1110         DATE         3/31/2008         32-115/1110         DATE         3/31/2008	CHUN, 1103         NAME         TEXAS COMMISSION         CHECK DATE         3/31/2008         0.00           REFERENCE         INV DATE         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT P           BARM WPAP         3/31/2008         1318-08-06         GROSS AMOUNT         4,000.00         NET AMOUNT P           BARM WPAP         3/31/2008         1318-08-06         GROSS AMOUNT         4,000.00         NET AMOUNT P           Chun And Array         1318-08-06         TOTAL >         4,000.00         0.00         4,00           Chun And Array         TOTAL >         4,000.00         0.00         4,00           Chase Bank of Texas - New Braunfels         111 West San Antonio Street         3/31/2008         3/37           S30) 625-7738         32-115/1110         DATE         3/31/2008         3/37	2549 Hwy 46 W New Braunfels, 1 830) 625-7738				AMOUNT *** 4,0	00.00
REFERENCE BARM WPAP         INV DATE 3/31/2008         INV DESCRIPTION 1318-08-06         GROSS AMOUNT 4,000.00         DISCOUNT TAKEN 0.00         NET AMOUNT P 4,00           TOTAL >         4,000.00         0.00         4,00         0.00         4,00           THIS CHECK IS VOID WITHOUT A BLUE & RED BACKSROUND AND ATRUE WATERMARK - HOLD UP TO THE LIGHT TO VERIEV         337         337           FBar M, Inc. 5449 Hwy 46 W Lew Braunfels, TX 78132-3725         Chase Bank of Texas - New Braunfels 111 West San Antonio Street 32-115/1110         337           DATE         3/31/2008         AMOUNT         34,000.00	DUR NO.         DUR         DUR NO.         DUR         DUR NO.         DUR         DUR NO.         DUR NO. <td>DOR NO         9534         NAME         TEXAS COMMISSION         CHECK DATE         3/3/2008           REFERENCE         INV DATE         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT P           3/31/2008         1318-08-06         INV DESCRIPTION         GROSS AMOUNT         4,000.00         DISCOUNT TAKEN         NET AMOUNT P           4,000         0.00         INV DESCRIPTION         GROSS AMOUNT         4,000.00         INV DESCRIPTION         4,000           INV DESCRIPTION         INV DESCRIPTION         GROSS AMOUNT         4,000         0.00         NET AMOUNT P           4,000         Inv DESCRIPTION         INV DESCRIPTION         GROSS AMOUNT         4,000         4,000           Inv DESCRIPTION         INV DESCRIPTION         GROSS AMOUNT         4,000.00         INV DESCRIPTION         4,000           Inv DESCRIPTION         INV DESCRIPTION         GROSS AMOUNT         4,000.00         0.00         4,000           Inv DESCRIPTION         INV DESCRIPTION         INV DESCRIPTION         GROSS AMOUNT         4,000         4,000           Inv DESCRIPTION         INV DESCRIPTION         INV DESCRIPTION         INV DESCRIPTION         4,000         0.00         4,000           Inv DESCRIPTION         INV DESCRIPTIO</td> <td>CHUN, 1110.         NAME         TEXAS COMMISSION         CHECK DATE         3/31/2008         CHECK DATE         3/31/2008         NAME         TEXAS COMMISSION         CHECK DATE         3/31/2008         NAME         TEXAS COMMISSION         CHECK DATE         3/31/2008         NAME         TABLE AND AND AND AND AND AND AND AND AND AND</td> <td>2549 Hwy 46 W New Braunfels, 7 830) 625-7738</td> <td></td> <td></td> <td></td> <td>AMOUNT *** 4,0</td> <td>00.00</td>	DOR NO         9534         NAME         TEXAS COMMISSION         CHECK DATE         3/3/2008           REFERENCE         INV DATE         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT P           3/31/2008         1318-08-06         INV DESCRIPTION         GROSS AMOUNT         4,000.00         DISCOUNT TAKEN         NET AMOUNT P           4,000         0.00         INV DESCRIPTION         GROSS AMOUNT         4,000.00         INV DESCRIPTION         4,000           INV DESCRIPTION         INV DESCRIPTION         GROSS AMOUNT         4,000         0.00         NET AMOUNT P           4,000         Inv DESCRIPTION         INV DESCRIPTION         GROSS AMOUNT         4,000         4,000           Inv DESCRIPTION         INV DESCRIPTION         GROSS AMOUNT         4,000.00         INV DESCRIPTION         4,000           Inv DESCRIPTION         INV DESCRIPTION         GROSS AMOUNT         4,000.00         0.00         4,000           Inv DESCRIPTION         INV DESCRIPTION         INV DESCRIPTION         GROSS AMOUNT         4,000         4,000           Inv DESCRIPTION         INV DESCRIPTION         INV DESCRIPTION         INV DESCRIPTION         4,000         0.00         4,000           Inv DESCRIPTION         INV DESCRIPTIO	CHUN, 1110.         NAME         TEXAS COMMISSION         CHECK DATE         3/31/2008         CHECK DATE         3/31/2008         NAME         TEXAS COMMISSION         CHECK DATE         3/31/2008         NAME         TEXAS COMMISSION         CHECK DATE         3/31/2008         NAME         TABLE AND	2549 Hwy 46 W New Braunfels, 7 830) 625-7738				AMOUNT *** 4,0	00.00
REFERENCE BARM WPAP         INV DATE 3/31/2008         INV DESCRIPTION 1318-08-06         GROSS AMOUNT 4,000.00         DISCOUNT TAKEN 0.00         NET AMOUNT P 4,00           TOTAL >         4,000.00         0.00         4,00         0.00         4,00           TOTAL >         4,000.00         0.00         4,00         0.00         4,00           THIS CHECK IS VOID WITHOUT A BLUE & RED BACKOROUND AND A TRUE WATERMARK - HOLD UP TO THE LIGHT TO VERIEV         4,00         4,00         4,00           THIS CHECK IS VOID WITHOUT A BLUE & RED BACKOROUND AND A TRUE WATERMARK - HOLD UP TO THE LIGHT TO VERIEV         337         337           FBar M, Inc. 549 Hwy 46 W Jew Braunfels, TX 78132-3725         Chase Bank of Texas - New Braunfels 32-115/1110         337           DATE         3/31/2008 MICUNT         DATE         3/31/2008 MICUNT         MICUNT	DUR NO.         DUR         DUR NO.         NET AMOUNT P.         Addition No.         Addit No.         Addit No.         Add	DOR NO         9534         NAME         TEXAS COMMISSION         CHECK DATE         3/31/2008           REFERENCE         INV DATE         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT P.           3/31/2008         1318-08-06         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         0.00         NET AMOUNT P.           4,000         3/31/2008         1318-08-06         INV DESCRIPTION         GROSS AMOUNT         0.00         NET AMOUNT P.           MILE         3/31/2008         INV DATE         1318-08-06         INV DATE         4,000         0.00         4,00           Image: Check is void without A BLUE & REO DACKGROUND AND ATRUE WATERMARK HOLD UP TO THELIGHT TO VERIFY         Image: Check is void without A BLUE & REO DACKGROUND AND ATRUE WATERMARK HOLD UP TO THELIGHT TO VERIFY         337           FBar M, Inc.         Chase Bank of Texas - New Braunfels         337         337           111 West San Antonio Street         32-115/1110         DATE         3/31/2008         MIDUNT *** 4,000.00	CHECK W, THO.         NAME         TEXAS COMMISSION         CHECK DATE         3/31/2008         OT A           REFERENCE BARM WPAP         INV DATE 3/31/2008         INV DESCRIPTION         GROSS AMOUNT 4,000.00         DISCOUNT TAKEN 0.00         NET AMOUNT P. 4,000           TOTAL >         4,000.00         0.00         4,000           TOTAL >         4,000.00         0.00         4,000           TOTAL >         4,000.00         0.00         4,000           THIS CHECK IS VOID WITHOUT A BLUE & RED BACKGROUND AND A TRUE WATERMARK - HOLD UP TO THE LIGHT TO VERIFY         3/31/2008         3/30/2008           F Bar M, Inc.         Chase Bank of Texas - New Braunfels 111 West San Antonio Street 32-115/1110         3/31/2008         3/31/2008           MOUNT *** 4,000.00         0.00         AMOUNT *** 4,000.00         0.00         0.00	2549 Hwy 46 W Vew Braunfels, 7 830) 625-7738				AMOUNT *** 4,0	00.00
REFERENCE BARM WPAP         INV DATE 3/31/2008         INV DESCRIPTION 1318-08-06         GROSS AMOUNT 4,000         DISCOUNT TAKEN 0.00         NET AMOUNT P, 4,00           TOTAL >         4,000.00         0.00         4,00         0.00         4,00           TOTAL >         4,000.00         0.00         4,00         0.00         4,00           TOTAL >         4,000.00         0.00         4,00         0.00         4,00           THIS CHECK IS VOID WITHOUT A BLUE & RED BACKOROUND AND A TRUE WATERMARK HOLD UP TO THE LIGHT TO VERIFY         100         4,00         4,00           THIS CHECK IS VOID WITHOUT A BLUE & RED BACKOROUND AND A TRUE WATERMARK HOLD UP TO THE LIGHT TO VERIFY         337         337         32-115/1110         32-115/1110         337	DUR NO.         DUR         DUR NO.         DU	DOR NO         9534         NAME         TEXAS COMMISSION         CHECK DATE         3/31/2008           REFERENCE BARM WPAP         INV DATE         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT P.           3/31/2008         1318-08-06         GROSS AMOUNT         4,000         DISCOUNT TAKEN         0.00         NET AMOUNT P.           4,000         1318-08-06         GROSS AMOUNT         4,000         0.00         NET AMOUNT P.           TOTAL         4,000.00         0.00         0.00         4,00           THIS CHECKIS VOID WITHOUT A BLUE & RED BACKOROUND AMD ATRUE WATERMARK HOLD UP TO THE UGHT TO VERIEY         4,00           THIS CHECKIS VOID WITHOUT A BLUE & RED BACKOROUND AMD ATRUE WATERMARK HOLD UP TO THE UGHT TO VERIEY         337           549 Hwy 46 W         Chase Bank of Texas - New Braunfels         32-115/1110         32-115/1110           DATE         3/31/2008         AMOUNT         4,000.00         4,000.00	CHUN, ITC.         DOT NO.         954         NAME         TEXAS COMMISSION         CHECK DATE:         3/31/2008         NOT AMOUNT P/ 4,000           REFERENCE BARM WPAP         INV DATE 3/31/2008         INV DESCRIPTION         GROSS AMOUNT 4,000 00         DISCOUNT TAKEN 0.00         NET AMOUNT P/ 4,000           TOTAL >         4,000.00         0.00         0.00         4,00           TOTAL >         4,000.00         0.00         4,00           TOTAL >         4,000.00         0.00         4,00           THIS CHECK IS VOID WITHOUT A BLUE & RED BACKGROUND AND ATRUE VATERMARK + HOLD UP TO THE LIGHT TO VERIFY         330           Chase Bank of Texas - New Braunfels 111 West San Antonio Street 32-115/1110         331/2008         337           DATE         3/31/2008         331/2008         337	2549 Hwy 46 W New Braunfels, 1 830) 625-7738				AMOUNT *** 4,0	00.00
REFERENCE BARM WPAP         INV DATE 3/31/2008         INV DESCRIPTION 1318-08-06         GROSS AMOUNT 4,000         DISCOUNT TAKEN 4,000         NET AMOUNT P/ 4,00           TOTAL >         4,000.00         0.00         4,00         0.00         4,00           THIS CHECK IS VOID WITHOUT A BLUE & RED BACKGROUND AND A TRUE WATERMARK- HOLD UP TO THE LIGHT TO VERIFY         3,00         0.00         4,00           THES CHECK IS VOID WITHOUT A BLUE & RED BACKGROUND AND A TRUE WATERMARK- HOLD UP TO THE LIGHT TO VERIFY         3,00         3,00         0.00         4,00           THES CHECK IS VOID WITHOUT A BLUE & RED BACKGROUND AND A TRUE WATERMARK- HOLD UP TO THE LIGHT TO VERIFY         3,00         3,00         3,00         3,00         4,000         4,00         4,00         4,00         4,00	DUR NO.         DUR NO. <t< td=""><td>DOR NO         9534         NAME         TEXAS COMMISSION         CHECK DATE         3/31/2008           REFERENCE         INV DATE         INV DATE         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT P/           3/31/2008         1318-08-05         GROSS AMOUNT         4,000.00         DISCOUNT TAKEN         0.00         NET AMOUNT P/           4,000         JISCOUNT TAKEN         0.00         A,000         ISCOUNT TAKEN         0.00         4,000           MILE         JISCOUNT TAKEN         0.00         A,000         ISCOUNT TAKEN         0.00         4,000           Image: State of the state of th</td><td>Corr         0534         NAME:         TEXAS COMMISSION         CHECK DATE:         3/31/2008         0.07           REFERENCE         INV DATE         INV DATE         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT #/           BARM WPAP         3/31/2008         1318-08-06         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT #/           BARM WPAP         3/31/2008         1318-08-06         GROSS AMOUNT         DISCOUNT TAKEN         0.00         NET AMOUNT #/           Chart         3/31/2008         1318-08-06         GROSS AMOUNT         DISCOUNT TAKEN         0.00         4.00           Chart         TOTAL &gt;         4,000.00         0.00         4,00         0.00         4,00           Chart         TOTAL &gt;         4,000.00         0.00         4,00         0.00         4,00           Chart         Statistic Sta</td><td>2549 Hwy 46 W Iew Braunfels, 7 830) 625-7738</td><td></td><td></td><td></td><td>AMOUNT *** 4,0</td><td>00.00</td></t<>	DOR NO         9534         NAME         TEXAS COMMISSION         CHECK DATE         3/31/2008           REFERENCE         INV DATE         INV DATE         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT P/           3/31/2008         1318-08-05         GROSS AMOUNT         4,000.00         DISCOUNT TAKEN         0.00         NET AMOUNT P/           4,000         JISCOUNT TAKEN         0.00         A,000         ISCOUNT TAKEN         0.00         4,000           MILE         JISCOUNT TAKEN         0.00         A,000         ISCOUNT TAKEN         0.00         4,000           Image: State of the state of th	Corr         0534         NAME:         TEXAS COMMISSION         CHECK DATE:         3/31/2008         0.07           REFERENCE         INV DATE         INV DATE         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT #/           BARM WPAP         3/31/2008         1318-08-06         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT #/           BARM WPAP         3/31/2008         1318-08-06         GROSS AMOUNT         DISCOUNT TAKEN         0.00         NET AMOUNT #/           Chart         3/31/2008         1318-08-06         GROSS AMOUNT         DISCOUNT TAKEN         0.00         4.00           Chart         TOTAL >         4,000.00         0.00         4,00         0.00         4,00           Chart         TOTAL >         4,000.00         0.00         4,00         0.00         4,00           Chart         Statistic Sta	2549 Hwy 46 W Iew Braunfels, 7 830) 625-7738				AMOUNT *** 4,0	00.00
REFERENCE BARM WPAP         INV DATE 3/31/2008         INV DESCRIPTION 1318-08-06         GROSS AMOUNT 4,00         DISCOUNT TAKEN 0,00         NET AMOUNT / / 4,00           TOTAL         4,000.00         0.00         4,00           TOTAL >         4,000.00         0.00         4,00           THIS CHECK IS VOID WITHOUT A BLUE S RED BACKOROUND AND ATRUE WATERMARK - HOLD UP TO THE LIGHT TO VERIFY         4,000         0.00         4,000           THIS CHECK IS VOID WITHOUT A BLUE S RED BACKOROUND AND ATRUE WATERMARK - HOLD UP TO THE LIGHT TO VERIFY         Chase Bank of Texas - New Braunfels 111 West San Antonio Street 32:115/1110         337           DATE         3/31/2008         3/31/2008         3/31/2008         3/31/2008	DUR NO.         DUR NO. <t< td=""><td>DOR NO         9534         NAME         TEXAS COMMISSION         CHECK DATE         3/31/2008           REFERENCE         INV DATE         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT P/           SARM WPAP         3/31/2008         1318-08-05         GROSS AMOUNT         4,000         0.00         NET AMOUNT P/           AUX         3/31/2008         1318-08-05         GROSS AMOUNT         4,000         0.00         NET AMOUNT P/           MUPAP         3/31/2008         TOTAL &gt;         4,000.00         0.00         4,00           TOTAL &gt;         4,000.00         0.00         4,00         0.00         4,00           THIS CHECK IS VOID WITHOUT A BLUE &amp; PEO BACKOROUND AND ATRUE WATERMARKHOLD UP TO THE UGHT TO VERIEV         337         337           S49 Hwy 46 W         Chase Bank of Texas - New Braunfels         3/31/2008         3/31/2008           330) 625-7738         32:115/1110         DATE         3/31/2008         3/31/2008</td><td>Corr         0534         NAME         TEXAS COMMISSION         CHECK DATE         3/31/2008         0.07           REFERENCE         INV DATE         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT #/ 4,000           BARM WPAP         3/31/2008         1318-08-06         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT #/ 4,000           TOTAL         4,000.00         0.00         4,00           TOTAL &gt;         4,000.00         0.00         4,00           THIS CHECK IS VOID WITHOUT A BLUE &amp; RED BACK CHOUND AND A TRUE WATERMARK- HOLD UP TO THE UGHT TO VERIFY         337           Chase Bank of Texas - New Braunfels 111 West San Antonio Street 32:115/1110         3/31/2008         3/31/2008           MADUNT         3/31/2008         3/31/2008         3/31/2008</td><td>2549 Hwy 46 W Vew Braunfels, 7 830) 625-7738</td><td></td><td></td><td></td><td>AMOUNT *** 4.0</td><td>00.00</td></t<>	DOR NO         9534         NAME         TEXAS COMMISSION         CHECK DATE         3/31/2008           REFERENCE         INV DATE         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT P/           SARM WPAP         3/31/2008         1318-08-05         GROSS AMOUNT         4,000         0.00         NET AMOUNT P/           AUX         3/31/2008         1318-08-05         GROSS AMOUNT         4,000         0.00         NET AMOUNT P/           MUPAP         3/31/2008         TOTAL >         4,000.00         0.00         4,00           TOTAL >         4,000.00         0.00         4,00         0.00         4,00           THIS CHECK IS VOID WITHOUT A BLUE & PEO BACKOROUND AND ATRUE WATERMARKHOLD UP TO THE UGHT TO VERIEV         337         337           S49 Hwy 46 W         Chase Bank of Texas - New Braunfels         3/31/2008         3/31/2008           330) 625-7738         32:115/1110         DATE         3/31/2008         3/31/2008	Corr         0534         NAME         TEXAS COMMISSION         CHECK DATE         3/31/2008         0.07           REFERENCE         INV DATE         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT #/ 4,000           BARM WPAP         3/31/2008         1318-08-06         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT #/ 4,000           TOTAL         4,000.00         0.00         4,00           TOTAL >         4,000.00         0.00         4,00           THIS CHECK IS VOID WITHOUT A BLUE & RED BACK CHOUND AND A TRUE WATERMARK- HOLD UP TO THE UGHT TO VERIFY         337           Chase Bank of Texas - New Braunfels 111 West San Antonio Street 32:115/1110         3/31/2008         3/31/2008           MADUNT         3/31/2008         3/31/2008         3/31/2008	2549 Hwy 46 W Vew Braunfels, 7 830) 625-7738				AMOUNT *** 4.0	00.00
REFERENCE BARM WPAP       INV DATE 3/31/2008       INV DESCRIPTION 1318-08-06       GROSS AMOUNT 4,000 00       DISCOUNT TAKEN 0.00       NET AMOUNT P/ 4,00         TOTAL >       4,000.00       0.00       4,00         THIS CHECK IS VOID WITHOUT A BLUE & PED BACKGROUND AND A TRUE WATERMARK - HOLD UP TO THE LIGHT TO VERIFY       337         Chase Bank of Texas - New Braunfels 111 West San Antonio Street 32-115/1110       337         DATE       3/31/2008       3/31/2008	DUR NO.         DUR SOLUTION         DUR SOLUTION         DUR SOLUTION         DUR SOLUTION         DISCOUNT TAKE         Model of the solution           BARM WPAP         3/31/2008         1318-08-06         GROSS AMOUNT         DISCOUNT TAKE         NET AMOUNT P/ 4,000         NET AMOUNT P/ 4,00	DOR NO.     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE BARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 0.00     NET AMOUNT P/ 4,000       TOTAL >     4,000.00     0.00     4,00       TOTAL >     4,000.00     0.00     4,00	Corr No.     9534     NAME     TEXAS COMMISSION     CHECK DATE     3/31/2008     0.00       REFERENCE     INV DATE     INV DATE     INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN     NET AMOUNT P/       BARM WPAP     3/31/2008     1318-08-06     GROSS AMOUNT     4,000.00     DISCOUNT TAKEN     0.00     NET AMOUNT P/       BARM WPAP     3/31/2008     1318-08-06     GROSS AMOUNT     4,000.00     DISCOUNT TAKEN     0.00     4,00       TOTAL >     4,000.00     0.00     4,00     0.00     4,00       TOTAL >     4,000.00     0.00     4,00       THIS CHECK IS VOID WITHOUT A BLUE & RED BACKOROUND AND ATRUE WATERMARK. HOLD UP TO THE LIGHT TO VERIFY     337       THIS CHECK IS VOID WITHOUT A BLUE & RED BACKOROUND AND ATRUE WATERMARK. HOLD UP TO THE LIGHT TO VERIFY     337       St49 Hwy 46 W     Chase Bank of Texas - New Braunfels     111 West San Antonio Street     337       32-115/1110     DATE     3/31/2008     DATE     3/31/2008	2549 Hwy 46 W New Braunfels, 7 830) 625-7738				AMOUNT +++ + +	00.00
REFERENCE BARM WPAP         INV DATE 3/31/2008         INV DATE 1318-08-06         INV DESCRIPTION 1318-08-06         GROSS AMOUNT 4,000         DISCOUNT TAKEN 0.00         NET AMOUNT P/ 4,00           TOTAL >         4,000.00         0.00         4,00           TOTAL >         4,000.00         0.00         4,00           TOTAL >         4,000.00         0.00         4,00           TOTAL >         4,000.00         0.00         4,000           THIS CHECK IS VOID WITHOUT A BLUE 3 RED BACKGROUND AND ATRUE WATERMARK- HOLD UP TO THE LIGHT TO VERIFY         3337           THE BARM of Texas - New Braunfels 111 West San Antonio Street 32-115/1110         3131/2008         337	DUR NO.         DUR Solution         DUR Solution         DUR Solution         DUR Solution         DUR Solution           BARM WPAP         INV DATE         3/31/2008         1318-08-06         GROSS AMOUNT         A 000 00         DISCOUNT TAKEN         0.00         NET AMOUNT P/ 4,00           BARM WPAP         3/31/2008         1318-08-06         GROSS AMOUNT         A 000 00         DISCOUNT TAKEN         0.00         NET AMOUNT P/ 4,00           Image: Solution of the soluti	DOR NO.     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE BARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION     GROSS AMOUNT 4,000 00     DISCOUNT TAKEN 0.00     NET AMOUNT P/ 4,000       Image: State of the state of t	CHIN, ITTO.     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE     INV DATE     INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN     NET AMOUNT P/       BARM WPAP     3/31/2008     1318-08-06     GROSS AMOUNT     DISCOUNT TAKEN     0.00     NET AMOUNT P/       BARM WPAP     3/31/2008     1318-08-06     GROSS AMOUNT     DISCOUNT TAKEN     0.00     NET AMOUNT P/       GROSS AMOUNT     4,000.00     DISCOUNT TAKEN     0.00     NET AMOUNT P/       TOTAL     4,000.00     0.00     4,00       TOTAL >     4,000.00     0.00     4,000       THIS CHECK IS VOID WITHOUT A BLUE & PEO BACKOROUND AND ATRUE WATERMARK - HOLD UP TOTHE LIGHT TO VERIOK     337       THIS CHECK IS VOID WITHOUT A BLUE & PEO BACKOROUND AND ATRUE WATERMARK - HOLD UP TOTHE LIGHT TO VERIOK     337       S49 Hwy 46 W     Chase Bank of Texas - New Braunfels     3371/2008       111 West San Antonio Street     32-115/1110     DATE     3/31/2008	2549 Hwy 46 W New Braunfels, 1 830) 625-7738			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		the second se
REFERENCE BARM WPAP       INV DATE 3/31/2008       INV DESCRIPTION 1318-08-06       GROSS AMOUNT 4,000.00       DISCOUNT TAKEN 0.00       NET AMOUNT P/ 4,00         TOTAL >       TOTAL >       4,000.00       0.00       4,000         THIS CHECK IS VOID WITHOUT A BLUE & RED BACKGROUND AND A TRUE WATERMARK - HOLD UPTO THE UGHT TO VERIEY       337         FBar M, Inc.       Chase Bank of Texas - New Braunfels 111 West San Antonio Street 32-115/1110       337	DUR NO         DUR NO         DUR NO         DESCRIPTION         DESCRIPTION         DESCRIPTION         DESCRIPTION         DESCRIPTION         DESCRIPTION         NET AMOUNT P/ 4,000.00         DESCRIPTION         NET AMOUNT P/ 4,000         DESCRIPTION         DESCRIPTION <t< th=""><th>DOR NO.         9534         NAME:         TEXAS COMMISSION         CHECK DATE:         3/31/2008           REFERENCE BARM WPAP         INV DATE 3/31/2008         INV DESCRIPTION         GROSS AMOUNT 4,000 00         DISCOUNT TAKEN 0.00         NET AMOUNT P/ 4,000           INV DATE         1318-08-06         INV DESCRIPTION         GROSS AMOUNT 4,000 00         DISCOUNT TAKEN 0.00         NET AMOUNT P/ 4,00           INV DESCRIPTION         TOTAL         4,000.00         0.00         4,00           INV DESCRIPTION         TOTAL &gt;         4,000.00         0.00         4,00           INV DESCRIPTION         TOTAL &gt;         4,000.00         0.00         4,000           INV DESCRIPTION         TOTAL &gt;         4,000.00         0.00         4,000           INV DESCRIPTION         TOTAL &gt;         4,000.00         0.00         4,000           INV DESCRIPTION         ADD ATRUE WATERMARK-HOULD UP TO THE LIGHT TO VERIFY         337         337           ISOU 025-7738         Chase Bank of Texas - New Braunfels 32:115/1110         3/31/2008         337</th><th>Chick With The Check is Void With OUT A BLUE &amp; PEO BACKGROUND AND ATRUE WATERMARK-HOLD UP TO THE MONT TO VERICY         Check bare 3/31/2008         Control of the Month of</th><th>2549 Hwy 46 W New Braunfels, 1 830) 625-7738</th><th></th><th></th><th>The second secon</th><th>Contraction of the state</th><th></th></t<>	DOR NO.         9534         NAME:         TEXAS COMMISSION         CHECK DATE:         3/31/2008           REFERENCE BARM WPAP         INV DATE 3/31/2008         INV DESCRIPTION         GROSS AMOUNT 4,000 00         DISCOUNT TAKEN 0.00         NET AMOUNT P/ 4,000           INV DATE         1318-08-06         INV DESCRIPTION         GROSS AMOUNT 4,000 00         DISCOUNT TAKEN 0.00         NET AMOUNT P/ 4,00           INV DESCRIPTION         TOTAL         4,000.00         0.00         4,00           INV DESCRIPTION         TOTAL >         4,000.00         0.00         4,00           INV DESCRIPTION         TOTAL >         4,000.00         0.00         4,000           INV DESCRIPTION         TOTAL >         4,000.00         0.00         4,000           INV DESCRIPTION         TOTAL >         4,000.00         0.00         4,000           INV DESCRIPTION         ADD ATRUE WATERMARK-HOULD UP TO THE LIGHT TO VERIFY         337         337           ISOU 025-7738         Chase Bank of Texas - New Braunfels 32:115/1110         3/31/2008         337	Chick With The Check is Void With OUT A BLUE & PEO BACKGROUND AND ATRUE WATERMARK-HOLD UP TO THE MONT TO VERICY         Check bare 3/31/2008         Control of the Month of	2549 Hwy 46 W New Braunfels, 1 830) 625-7738			The second secon	Contraction of the state	
REFERENCE BARM WPAP       INV DATE 3/31/2008       INV DESCRIPTION 1318-08-06       GROSS AMOUNT 4,000.00       DISCOUNT TAKEN 0.00       NET AMOUNT PA 4,000         TOTAL >       TOTAL >       4,000.00       0.00       4,000         THIS CHECK IS VOID WITHOUT A BLUE & RED BACKGROUND AND A TRUE WATERMARK - HOLD UP TO THE UGHT TO VERIFY       3/37/2008       3/37/2008         THIS CHECK IS VOID WITHOUT A BLUE & RED BACKGROUND AND A TRUE WATERMARK - HOLD UP TO THE UGHT TO VERIFY       3/37/2008       3/37/2008         TOTAL >       4,000.00       0.00       4,000         THIS CHECK IS VOID WITHOUT A BLUE & RED BACKGROUND AND A TRUE WATERMARK - HOLD UP TO THE UGHT TO VERIFY       3/37/2008         THIS CHECK IS VOID WITHOUT A BLUE & RED BACKGROUND AND A TRUE WATERMARK - HOLD UP TO THE UGHT TO VERIFY       3/37/2008         THIS CHECK IS VOID WITHOUT A BLUE & RED BACKGROUND AND A TRUE WATERMARK - HOLD UP TO THE UGHT TO VERIFY       3/37/2008         THIS CHECK IS VOID WITHOUT A BLUE & RED BACKGROUND AND A TRUE WATERMARK - HOLD UP TO THE UGHT TO VERIFY       3/37/2008         THIS CHECK IS VOID WITHOUT A BLUE & RED BACKGROUND AND A TRUE WATERMARK - HOLD UP TO THE UGHT TO VERIFY       3/37/2008         TOTAL =       2/21/2008       3/37/2008	DUR NO         DUR NO         DUR NO         DESCRIPTION         DESCRIPTION         DESCRIPTION         DESCRIPTION         DESCRIPTION         DESCRIPTION         NET AMOUNT PARA           BARM WPAP         3/31/2008         1318-08-06         INV DESCRIPTION         GROSS AMOUNT         DESCRIPTION         NET AMOUNT PARA         4,000           INV DESCRIPTION         INV DESCRIPTION         GROSS AMOUNT         A,000         DESCRIPTION         NET AMOUNT PARA           INV DESCRIPTION         INV DESCRIPTION         GROSS AMOUNT         A,000         0.00         NET AMOUNT PARA           INV DESCRIPTION         INV DESCRIPTION         GROSS AMOUNT         A,000         0.00         4,000           INV DESCRIPTION         INV DESCRIPTION         GROSS AMOUNT         A,000         0.00         4,000           INV DESCRIPTION         TOTAL >         4,000.00         0.00         4,000         0.00         4,000           THIS CHECK IS VOID WITHOUT A BLUE & RED BACKGROUND AND A TRUE WATERMARK- HOLD UP TO THE UGHT TO VERIFY         THE SER M, INC.         Chase Bank of Texas - New Braunfels         337           T549 Hwy 46 W         THI West San Antonio Street         32115/1110         32115/1110         32115/1110         32115/1110	DOR NO.     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE BARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 0.00     NET AMOUNT PA 0.00       Image: State of the state of th	DOR NO.     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE BARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION 1318-08-06     GROSS AMOUNT 4,000 00     DISCOUNT TAKEN 0.00     NET AMOUNT PA 4,000       TOTAL >     4,000.00     0.00     4,000       TOTAL >     4,000.00     0.00     4,000       THIS CHECK IS VOID WITHOUT A BLUE & RED BACKGROUND AND A TRUE WATERMARK - HOLD UP TO THE LIGHT TO VERIEV     3/37       TBar M, Inc. 2549 Hwy 46 W Vew Braunfels, TX 78132-3725     Chase Bank of Texas - New Braunfels 111 West San Antonio Street 32:115/1110     3/31/2008	2549 Hwy 46 W New Braunfels, T				DATE 5/5/1200	100 100 100 100 100 100 100 100 100 100
REFERENCE BARM WPAP       INV DATE 3/31/2008       INV DESCRIPTION 1318-08-06       GROSS AMOUNT 4,000 00       DISCOUNT TAKEN 0.00       NET AMOUNT PA 4,000         TOTAL >       4,000.00       0.00       4,000         THIS CHECK IS VOID WITHOUT A BLUE & PED BACKGROUND AND A TRUE WATERMARK HOLD UP TO THE LIGHT TO VERIEV       337         TBar M, Inc.       Chase Bank of Texas - New Braunfels 111 West San Antonio Street       337	NORMO     CHECK US     NAME     Lick US     CHECK US	LOOR NO:     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE BARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 0.00     NET AMOUNT PA 4,000       Image: State of the state of	DOT INT, ITTO:     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008     0.00       REFERENCE     INV DATE     INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN     0.00     NET AMOUNT PA       BARM WPAP     3/31/2008     1318-08-06     GROSS AMOUNT     4,000.00     DISCOUNT TAKEN     0.00     4,000       TOTAL >     4,000.00     0.00     4,000     0.00     4,000	2549 Hwy 46 W	A 10102-0120	32-11	5/1110	DATE 3/31/200	8
REFERENCE BARM WPAP       INV DATE 3/31/2008       INV DESCRIPTION 1318-08-06       GROSS AMOUNT 4,000.00       DISCOUNT TAKEN 0.00       NET AMOUNT PA 4,000         TOTAL >       4,000.00       0.00       4,000         TOTAL >       4,000.00       0.00       4,000         TOTAL >       4,000.00       0.00       4,000         THIS CHECK IS VOID WITHOUT A BLUE & RED BACKGROUND AND A TRUE WATERMARK - MOLD UP TO THE LIGHT TO VERIEY       337         Chase Bank of Texas - New Braunfels       337         2549 Hwy 46 W       111 Mont San A table San Abasia Stratis       337	NORMAL     Isolation     Check US (EVEN)       BARM WPAP     INV DATE     INV DESCRIPTION     GROSS AMOUNT       BARM WPAP     3/31/2008     1318-08-06     GROSS AMOUNT       DISCOUNT TAKEN     0.00     NET AMOUNT PA       4,000     0.00     ISCOUNT TAKEN       0.00     1318-08-06     GROSS AMOUNT       0.00     1318-08-06     GROSS AMOUNT PA       1318-08-06     GROSS AMOUNT TAKEN     0.00       1000000     ISCOUNT TAKEN     NET AMOUNT PA       1000000     TOTAL >     4,000.00       1000000     0.00     4,000       1000000     0.00     4,000       10000000     0.00     4,000       10000000     0.00     4,000       100000000     0.00     4,000       1000000000000000000000000000000000000	NDDE NO:     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE     INV DATE     INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN     NET AMOUNT PA       1318-08-06     1318-08-06     GROSS AMOUNT     0.00     NET AMOUNT PA       4,000     1318-08-06     GROSS AMOUNT     0.00     4,000       TOTAL >     4,000.00     0.00     4,000	Dot Nr., 1110. NOR NO. 9534     NAME: TEXAS COMMISSION     CHECK DATE: 3/31/2008     OUT       REFERENCE (BARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION 1318-08-06     GROSS AMOUNT 4,000 00     DISCOUNT TAKEN 0.00     NET AMOUNT PA 4,000       TOTAL >     4,000.00     0.00     4,000       TOTAL >       TOTAL >     4,000.00     0.00     4,000       TAL >     4,000.00     0.00     4,000       TOTAL >     4,000.00     0.00     4,000       TOTAL >     4,000.00     0.00     4,000       TAL >     4,000.00     0.00     4,000       TOTAL >     4,000.00     0.00     4,000       TOTAL >     4,000.00     0.00     4,000       TOTAL >     4,000.00     0.00     4,000       TAL >     4,000.00     0.00     4,000       THIS CHECK IS VOIDWITHOUT A	2549 Hwy 46 W	X 78132-3725	111 0	Elano	( HIJIP HILLS IN	
REFERENCE BARM WPAP       INV DATE 3/31/2008       INV DESCRIPTION 1318-08-06       GROSS AMOUNT 4,000.00       DISCOUNT TAKEN 0.00       NET AMOUNT PA 4,000         TOTAL >       4,000.00       0.00       4,000         TOTAL >       4,000.00       0.00       4,000         THIS CHECK 15 VOID WITHOUT A BLUE & RED BACKGROUND AND A TRUE WATERMARK - HOLD UP TO THE LIGHT TO VERIFY       337	NUMB     Numbe	NDDR NO:     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE     INV DATE     INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN     NET AMOUNT PA       1318-08-06     1318-08-06     GROSS AMOUNT     4,000.00     DISCOUNT TAKEN     0.00     4,000       Image: Texas - New Braunfels     TOTAL >     4,000.00     0.00     4,000	DOT IVI, THO. NOR NO.     0.9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008     NET AMOUNT PA       REFERENCE FBARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION     GROSS AMOUNT 4,000 00     DISCOUNT TAKEN 0.00     NET AMOUNT PA 4,000       TEARM WPAP     3/31/2008     1318-08-06     GROSS AMOUNT 4,000 00     DISCOUNT TAKEN 0.00     NET AMOUNT PA 4,000       TOTAL >     4,000.00     0.00     4,000       TOTAL >     4,000.00     0.00     4,000       TOTAL >       TOTAL >     4,000.00     0.00     4,000       THIS CHECK IS VOID WITHOUT A BLUE & RED BACKGROUND AND A TRUE WATERMARK - HOLD UP TO THE LIGHT TO VERIEV       TEBAR M, Inc.       Chase Bank of Texas - New Braunfels     337	054011 40111		111 V	Vest San Antonio Street		COMPLETE ST
REFERENCE BARM WPAP       INV DATE 3/31/2008       INV DESCRIPTION 1318-08-06       GROSS AMOUNT 4,000.00       DISCOUNT TAKEN 0.00       NET AMOUNT PA 4,000         TOTAL >       4,000.00       0.00       4,000         TOTAL >       4,000.00       0.00       4,000         THIS CHECK IS VOID WITHOUT A BLUE & RED BACKGROUND AND A TRUE WATERMARK - HOLD UP TO THE LIGHT TO VERIEV       337	NUMBER     Number <td>NDOR NO:     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE TBARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 0.00     NET AMOUNT PA 4,000       INV DATE     3/31/2008     1318-08-06     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 0.00     NET AMOUNT PA 4,000       INV DATE     1318-08-06     GROSS AMOUNT 4,000.00     INSCOUNT TAKEN 0.00     NET AMOUNT PA 4,000       INV DATE     TOTAL &gt;     4,000.00     0.00     4,000       INV DATE     TOTAL &gt;     4,000.00     0.00     4,000       INV DATE     TOTAL &gt;     4,000.00     0.00     4,000       INV DATE     TOTAL &gt;     4,000.00     0.00     4,000</td> <td>Dot IVI, THO.     NAME     TEXAS COMMISSION     CHECK DATE: 3/31/2008     0.00       REFERENCE TBARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION     GROSS AMOUNT 4,000 00     DISCOUNT TAKEN 0.00     NET AMOUNT PA 4,000       INV DATE THIS CHECK IS VOID WITHOUT A BLUE &amp; RED BACKGROUND AND A TRUE WATERMARK - HOLD UP TO THE LIGHT TO VERIFY     TOTAL &gt;     4,000.00     0.00     4,000       T Bar M, Inc.     Chase Bark of Levas - New Braundels     3/37     3/37</td> <td>A REAL PROPERTY AND A REAL</td> <td></td> <td>444.14</td> <td>Vost San Antonio Street</td> <td>Contraction of the second</td> <td></td>	NDOR NO:     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE TBARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 0.00     NET AMOUNT PA 4,000       INV DATE     3/31/2008     1318-08-06     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 0.00     NET AMOUNT PA 4,000       INV DATE     1318-08-06     GROSS AMOUNT 4,000.00     INSCOUNT TAKEN 0.00     NET AMOUNT PA 4,000       INV DATE     TOTAL >     4,000.00     0.00     4,000	Dot IVI, THO.     NAME     TEXAS COMMISSION     CHECK DATE: 3/31/2008     0.00       REFERENCE TBARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION     GROSS AMOUNT 4,000 00     DISCOUNT TAKEN 0.00     NET AMOUNT PA 4,000       INV DATE THIS CHECK IS VOID WITHOUT A BLUE & RED BACKGROUND AND A TRUE WATERMARK - HOLD UP TO THE LIGHT TO VERIFY     TOTAL >     4,000.00     0.00     4,000       T Bar M, Inc.     Chase Bark of Levas - New Braundels     3/37     3/37	A REAL PROPERTY AND A REAL		444.14	Vost San Antonio Street	Contraction of the second	
REFERENCE BARMI WPAP       INV DATE 3/31/2008       INV DESCRIPTION 1318-08-06       GROSS AMOUNT 4,000.00       DISCOUNT TAKEN 0.00       NET AMOUNT PA 4,000         TOTAL >       4,000.00       0.00       4,000       0.00       4,000         TOTAL >       4,000.00       0.00       4,000       0.00       4,000	LOUR NO.     LOUR NO.     LOUR NO.     LOUR NO.     LINE OF LEGISION       BARM WPAP     INV DATE     INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN       BARM WPAP     3/31/2008     1318-08-06     GROSS AMOUNT     4,000.00       INV DATE     3/31/2008     1318-08-06     GROSS AMOUNT     A,000.00       INV DATE     1318-08-06     GROSS AMOUNT     A,000.00       INV DATE     1318-08-06     GROSS AMOUNT     A,000.00       INV DATE     INV DATE     INV DATE       INV DATE     INV DATE     INV DATE <td>NDOR NO:     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE TBARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION     GROSS AMOUNT 4,000 00     DISCOUNT TAKEN 0.00     NET AMOUNT PA 4,000       INV DATE     3/31/2008     1318-08-06     GROSS AMOUNT 4,000 00     DISCOUNT TAKEN 0.00     NET AMOUNT PA 4,000       INV DATE     3/31/2008     1318-08-06     GROSS AMOUNT 4,000 00     DISCOUNT TAKEN 0.00     NET AMOUNT PA 4,000       INV DATE     1318-08-06     INV DESCRIPTION 4,000     GROSS AMOUNT 4,000     DISCOUNT TAKEN 0.00     NET AMOUNT PA 4,000       INV DATE     1318-08-06     INV DATE     GROSS AMOUNT 4,000     INV DATE 0.00     A       INV DATE     1318-08-06     INV DATE     GROSS AMOUNT 4,000     INV DATE 0.00     A       INV DATE     INV DATE     INV DATE     INV DATE     INV DATE       INV DATE     INV DATE     INV DATE     INV DATE       INV DATE     INV DATE     INV DATE     INV DATE       INV DATE     INV DATE     INV DATE     INV DATE       INV DATE     INV DATE     INV DATE     INV DATE       INV DATE     INV DATE     INV DATE     INV DATE       INV DATE     INV DATE     INV DATE     INV DATE       INV DATE     INV DATE     I</td> <td>Doar No.     None No.     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE (BARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 0.00     NET AMOUNT PA 4,000       TOTAL &gt;     4,000.00     0.00     4,000</td> <td>i Dai IVI, IIIC</td> <td></td> <td>Chase</td> <td>e Bank of Texas - New Braunfels</td> <td></td> <td>331</td>	NDOR NO:     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE TBARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION     GROSS AMOUNT 4,000 00     DISCOUNT TAKEN 0.00     NET AMOUNT PA 4,000       INV DATE     3/31/2008     1318-08-06     GROSS AMOUNT 4,000 00     DISCOUNT TAKEN 0.00     NET AMOUNT PA 4,000       INV DATE     3/31/2008     1318-08-06     GROSS AMOUNT 4,000 00     DISCOUNT TAKEN 0.00     NET AMOUNT PA 4,000       INV DATE     1318-08-06     INV DESCRIPTION 4,000     GROSS AMOUNT 4,000     DISCOUNT TAKEN 0.00     NET AMOUNT PA 4,000       INV DATE     1318-08-06     INV DATE     GROSS AMOUNT 4,000     INV DATE 0.00     A       INV DATE     1318-08-06     INV DATE     GROSS AMOUNT 4,000     INV DATE 0.00     A       INV DATE     INV DATE     INV DATE     INV DATE     INV DATE       INV DATE     INV DATE     INV DATE     INV DATE       INV DATE     INV DATE     INV DATE     INV DATE       INV DATE     INV DATE     INV DATE     INV DATE       INV DATE     INV DATE     INV DATE     INV DATE       INV DATE     INV DATE     INV DATE     INV DATE       INV DATE     INV DATE     INV DATE     INV DATE       INV DATE     INV DATE     I	Doar No.     None No.     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE (BARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 0.00     NET AMOUNT PA 4,000       TOTAL >     4,000.00     0.00     4,000	i Dai IVI, IIIC		Chase	e Bank of Texas - New Braunfels		331
REFERENCE BARMI WPAP       INV DATE 3/31/2008       INV DESCRIPTION 1318-08-06       GROSS AMOUNT 4,000.00       DISCOUNT TAKEN 0.00       NET AMOUNT PA 4,000         TOTAL >       4,000.00       0.00       4,000         TOTAL >       4,000.00       0.00       4,000	LOUR NO.     LOUR NO.     LOUR NO.     LOUR NO.     LINU DESCRIPTION       BARM WPAP     INV DATE     INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN       BARM WPAP     3/31/2008     1318-08-06     GROSS AMOUNT     4,000.00       INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN     NET AMOUNT PA       4,000     0.00     1318-08-06     4,000       INV DESCRIPTION     GROSS AMOUNT     A,000       INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN       0.00     1318-08-06     4,000       INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN       INV DESCRIPTION     GROSS AMOUNT     A,000       INV DESCRIPTION     GROSS AMOUNT     A,000       INV DESCRIPTION     TOTAL >     4,000.00       INV DESCRIPTION     AND A TRUE WATERMARK - HOLD UP TO THE LIGHT TO VERIFY	NDDR NO:     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE FBARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION     GROSS AMOUNT 4,000 00     DISCOUNT TAKEN 0.00     NET AMOUNT PA 4,000       Image: State of the state of	DOG IN 0.       9534       NAME:       TEXAS COMMISSION       CHECK DATE:       3/31/2008         REFERENCE (BARM WPAP       INV DATE       INV DESCRIPTION       GROSS AMOUNT       DISCOUNT TAKEN       NET AMOUNT PA         3/31/2008       1318-08-06       GROSS AMOUNT       4,000.00       DISCOUNT TAKEN       0.00       4,000         TOTAL >       4,000.00       0.00       4,000       0.00       4,000	I Bar M, Inc		Chase	e Bank of Texas - New Braunfels		337
REFERENCE BARMI WPAP       INV DATE 3/31/2008       INV DESCRIPTION 1318-08-06       GROSS AMOUNT 4,000.00       DISCOUNT TAKEN 0.00       NET AMOUNT PA 4,000         TOTAL >       4,000.00       0.00       4,000         TOTAL >       4,000.00       0.00       4,000	LOUR NO.     COR     NAME     LOUR DOINT     LOUR DOINT     Discount Taken       BARM WPAP     INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN     NET AMOUNT PA       BARM WPAP     3/31/2008     1318-08-06     GROSS AMOUNT     A,000.00     DISCOUNT TAKEN     0.00     4,000       INV DESCRIPTION     GROSS AMOUNT     A,000.00     DISCOUNT TAKEN     0.00     NET AMOUNT PA       INV DESCRIPTION     GROSS AMOUNT     A,000.00     DISCOUNT TAKEN     0.00     4,000       INV DESCRIPTION     GROSS AMOUNT     A,000.00     DISCOUNT TAKEN     0.00     4,000       TOTAL     A,000.00     0.00     4,000	NOR NO:       9534       NAME:       TEXAS COMMISSION       CHECK DATE:       3/31/2008         REFERENCE FBARM WPAP       INV DATE:       INV DESCRIPTION       GROSS AMOUNT       DISCOUNT TAKEN       NET AMOUNT PA 4,000.00         1318-08-06       1318-08-06       GROSS AMOUNT       USCOUNT TAKEN       0.00       4,000         1000       1318-08-06       TOTAL       4,000.00       0.00       4,000         1000       TOTAL >       4,000.00       0.00       4,000	DOR NO. 9534       NAME:       TEXAS COMMISSION       CHECK DATE:       3/31/2008         REFERENCE (BARM WPAP       INV DATE 3/31/2008       INV DESCRIPTION       GROSS AMOUNT 4,000 00       DISCOUNT TAKEN 0.00       NET AMOUNT PA 4,000         TOTAL >       4,000.00       0.00       4,000         THIS CHECK IS VOID WITHOUT A BLUE & RED BACKGROUND AND A TRUE WATERMARK - HOLD UP TO THE LIGHT TO VERIEY	T Bar M Inc					337
REFERENCE BARM WPAP       INV DATE 3/31/2008       INV DESCRIPTION 1318-08-06       GROSS AMOUNT 4,000 00       DISCOUNT TAKEN 0.00       NET AMOUNT PA 4,000         TOTAL >       4,000.00       0.00       4,000         TOTAL >       4,000.00       0.00       4,000	ILLOR NO.         COR         NAME         ILLOR ODICIT         CHECK DATE         JUSTICO           BARM WPAP         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT PA           BARM WPAP         3/31/2008         1318-08-06         GROSS AMOUNT         A,000.00         DISCOUNT TAKEN         0.00         4,000           INV DESCRIPTION         GROSS AMOUNT         A,000.00         DISCOUNT TAKEN         0.00         4,000           INV DESCRIPTION         GROSS AMOUNT         A,000.00         DISCOUNT TAKEN         0.00         4,000           INV DESCRIPTION         GROSS AMOUNT         A,000.00         DISCOUNT TAKEN         0.00         4,000           INV DESCRIPTION         GROSS AMOUNT         A,000.00         DISCOUNT TAKEN         0.00         4,000	NOR NO:       9534       NAME:       TEXAS COMMISSION       CHECK DATE:       3/31/2008         REFERENCE FBARM WPAP       INV DATE:       INV DESCRIPTION       GROSS AMOUNT       DISCOUNT TAKEN       NET AMOUNT PA 4,000.00         1318-08-06       1318-08-06       1318-08-06       GROSS AMOUNT       DISCOUNT TAKEN       0.00         4,000       1318-08-06       1318-08-06       GROSS AMOUNT       A,000       0.00       4,000         100       100       100       100       100       0.00       4,000       0.00       4,000         100       100       100       100       100       100       100       100       100         100       100       100       100       100       100       100       100       100         100       100       100       100       100       100       100       100       100         100       100       100       100       100       100       100       100       100         100       100       100       100       100       100       100       100       100         100       100       100       100       100       100       100       100 </td <td>DOG INU, 1110. NOR NO. 9534       NAME: TEXAS COMMISSION       CHECK DATE: 3/31/2008       OUT         REFERENCE (BARM WPAP       INV DATE 3/31/2008       INV DESCRIPTION       GROSS AMOUNT 4,000 00       DISCOUNT TAKEN 0.00       NET AMOUNT PA 4,000         Image: Texas commission       TOTAL &gt;       4,000.00       0.00       4,000         TOTAL &gt;       4,000.00       0.00       4,000</td> <td>T D M li</td> <td>A State of the second s</td> <td></td> <td></td> <td></td> <td>007</td>	DOG INU, 1110. NOR NO. 9534       NAME: TEXAS COMMISSION       CHECK DATE: 3/31/2008       OUT         REFERENCE (BARM WPAP       INV DATE 3/31/2008       INV DESCRIPTION       GROSS AMOUNT 4,000 00       DISCOUNT TAKEN 0.00       NET AMOUNT PA 4,000         Image: Texas commission       TOTAL >       4,000.00       0.00       4,000         TOTAL >       4,000.00       0.00       4,000	T D M li	A State of the second s				007
REFERENCE BARM WPAP       INV DATE 3/31/2008       INV DESCRIPTION 1318-08-06       GROSS AMOUNT 4,000.00       DISCOUNT TAKEN 0.00       NET AMOUNT PA 4,000         TOTAL >       4,000.00       0.00       4,000         TOTAL >       4,000.00       0.00       4,000	LOUR NO.         CORR         LOUR CORR         CHECK OSCIL         CHECK IS VOID WITHOUT A BLUE & RED BACKGROUND AND A TRUE WATERMARK - HOLD UP TO THE LIGHT TO VERIFY	LOOR NO:         9534         NAME:         TEXAS COMMISSION         CHECK DATE:         3/31/2008           REFERENCE BARM WPAP         INV DATE 3/31/2008         INV DESCRIPTION         GROSS AMOUNT 4,000.00         DISCOUNT TAKEN 0.00         NET AMOUNT PA 4,000           UNV DATE BARM WPAP         3/31/2008         1318-08-06         INV DESCRIPTION 1318-08-06         GROSS AMOUNT 4,000         DISCOUNT TAKEN 0.00         NET AMOUNT PA 4,000           TOTAL >         4,000.00         0.00         4,000	Lot IVI, ITIO.         NAME:         TEXAS COMMISSION         CHECK DATE:         3/31/2008         OUT           REFERENCE BARM WPAP         INV DATE         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT PA           3/31/2008         1318-08-06         INV DESCRIPTION         GROSS AMOUNT         4,000.00         ISCOUNT TAKEN         NET AMOUNT PA           1318-08-06         TOTAL >         4,000.00         ISCOUNT TAKEN         0.00         4,000	A STREET FROM THE REAL PROPERTY OF	Constant of the second	The second s	之下。 一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一		
REFERENCE       INV DATE       INV DESCRIPTION       GROSS AMOUNT       DISCOUNT TAKEN       NET AMOUNT PAI         SARM WPAP       3/31/2008       1318-08-06       9	DUR NO.     DUR NO. <thdur no.<="" th=""> <thdur no.<="" th=""> <thdur no.<="" th=""></thdur></thdur></thdur>	DOR NO:         9534         NAME:         TEXAS COMMISSION         CHECK DATE:         3/31/2008           REFERENCE         INV DATE         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT PAI           3/31/2008         1318-08-06         F         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT PAI           4,000         0.00         1318-08-06         F         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT PAI           4,000         0.00         1318-08-06         F         GROSS AMOUNT         DISCOUNT TAKEN         A,000           4,000         0.00         1318-08-06         F         GROSS AMOUNT         DISCOUNT TAKEN         A,000           4,000         0.00         1318-08-06         F         GROSS AMOUNT         DISCOUNT TAKEN         A,000           1         1318-08-06         F         GROSS AMOUNT         GROSS AMOUNT         DISCOUNT TAKEN         A,000           1         GROSS AMOUNT         GROSS AMOUNT         GROSS AMOUNT         GROSS AMOUNT         DISCOUNT TAKEN         A,000	DOR NO.         9534         NAME:         TEXAS COMMISSION         CHECK DATE:         3/31/2008         DISCOUNT TAKEN         NET AMOUNT PAI           BARM WPAP         INV DATE         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT PAI           BARM WPAP         3/31/2008         1318-08-06         FILL         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT PAI           JARM WPAP         3/31/2008         1318-08-06         FILL         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT PAI           JARM WPAP         JARM WPAP         JARM WPAP         JARM WPAP         JARM WPAP         DISCOUNT TAKEN         NET AMOUNT PAI           TOTAL         4,000.00         O.00         4,000         A         A         A		THIS CHECK IS	VOID WITHOUT A BLUE & RED BACKGROONL	A 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10		and a state of the state
REFERENCE         INV DATE         INV DATE         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT PAI           JARM WPAP         J/31/2008         1318-08-06         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT PAI           L         TOTAL >         4,000.00         0.00         0.00         4,000	INV DESCR         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT PAI 4,000           ARM WPAP         3/31/2008         1318-08-06         GROSS AMOUNT         DISCOUNT TAKEN         0.00         NET AMOUNT PAI 4,000           Image: Total and the state of the st	OR NO:         9534         NAME:         TEXAS COMMISSION         CHECK DATE:         3/31/2008           REFERENCE ARM WPAP         INV DATE 3/31/2008         INV DESCRIPTION 1318-08-06         GROSS AMOUNT 4,000 00         DISCOUNT TAKEN 0.00         NET AMOUNT PAI 4,000           Image: State of the sta	CHI WI, HID. OR NO:         9534         NAME:         TEXAS COMMISSION         CHECK DATE:         3/31/2008         Discount TAKEN         0.00         NET AMOUNT PAI 4,000           ARM WPAP         3/31/2008         1318-08-06         GROSS AMOUNT 4,000         DISCOUNT TAKEN 0.00         NET AMOUNT PAI 4,000           TOTAL >         4,000.00         0.00         4,000		THIS CHECK IS	VOID WITHOUT A BLUE & RED BACKGROUND	D AND A TRUE WATERMARK - HOLD UP TO I	HELIGHTTOWERIEY	
REFERENCE ARM WPAP         INV DATE 3/31/2008         INV DESCRIPTION 1318-08-06         GROSS AMOUNT 4,000         DISCOUNT TAKEN 0.00         NET AMOUNT PAI 4,000           TOTAL >         4,000.00         0.00         4,000         0.00         4,000	INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN       ARM WPAP     INV DATE     INV DESCRIPTION     GROSS AMOUNT       J31/2008     1318-08-06     INV DESCRIPTION     JSCOUNT TAKEN       ARM WPAP     J31/2008     1318-08-06     INV DESCRIPTION       GROSS AMOUNT     4,000.00     JSCOUNT TAKEN     0.00	OR NO:     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE ARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION 1318-08-06     GROSS AMOUNT 4,000 00     DISCOUNT TAKEN 0.00     NET AMOUNT PAI 4,000       Image: Comparison of the second se	OR NO:         9534         NAME:         TEXAS COMMISSION         CHECK DATE:         3/31/2008           INV DATE         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT PAI           ARM WPAP         3/31/2008         1318-08-06         GROSS AMOUNT         DISCOUNT TAKEN         0.00           INV DATE         3/31/2008         1318-08-06         GROSS AMOUNT         DISCOUNT TAKEN         0.00				AND A TRUE WATERMARK - HOLD UP TO T	THE LIGHT TO VERIFY	and the second secon
REFERENCE         INV DATE         INV DATE         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT PAI           JARM WPAP         3/31/2008         1318-08-06         GROSS AMOUNT         4,000.00         DISCOUNT TAKEN         0.00         4,000           Image: Second Sec	NAME         INV DECRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT PAI           3/31/2008         1318-08-06         1318-08-06         GROSS AMOUNT         4,000         0.00         NET AMOUNT PAI           4,000         1318-08-06         1318-08-06         GROSS AMOUNT         4,000         0.00         NET AMOUNT PAI           4,000         1318-08-06         1318-08-06         GROSS AMOUNT         4,000         0.00         A000	DOR NO:         9534         NAME:         TEXAS COMMISSION         CHECK DATE:         3/31/2008           REFERENCE JARM WPAP         INV DATE 3/31/2008         INV DESCRIPTION         GROSS AMOUNT 4,000.00         DISCOUNT TAKEN 0.00         NET AMOUNT PAI 4,000           Image: State of the	Control         Name:         TEXAS COMMISSION         CHECK DATE:         3/31/2008           INV DATE         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT PAI           JARM WPAP         3/31/2008         1318-08-06         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT PAI           JARM WPAP         3/31/2008         1318-08-06         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT PAI           JARM WPAP         3/31/2008         1318-08-06         GROSS AMOUNT         DISCOUNT TAKEN         0.00         4,000           JARM WPAP         JARM WPAP         1318-08-06         GROSS AMOUNT         DISCOUNT TAKEN         0.00         4,000           JARM WPAP         <						
REFERENCE     INV DATE     INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN     NET AMOUNT PA       3/31/2008     1318-08-06     1318-08-06     1318-08-06     0.00     0.00     0.00     0.00	DUR NO.       REFERENCE     INV DATE     INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN     NET AMOUNT PA       3/31/2008     1318-08-06     1318-08-06     0.00     0.00     NET AMOUNT PA       4,000     0.00     1318-08-06     1318-08-06     0.00     0.00     1000000	DOR NO:         9534         NAME:         TEXAS COMMISSION         CHECK DATE:         3/31/2008           REFERENCE BARM WPAP         INV DATE 3/31/2008         INV DESCRIPTION         GROSS AMOUNT 4,000.00         DISCOUNT TAKEN 0.00         NET AMOUNT PA 4,000           Image: State of the	DOR NO:         9534         NAME:         TEXAS COMMISSION         CHECK DATE:         3/31/2008           REFERENCE         INV DATE         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT PA           3/31/2008         1318-08-06         1318-08-06         GROSS AMOUNT         DISCOUNT TAKEN         0.00         NET AMOUNT PA           4,000         0.00         1318-08-06         GROSS AMOUNT         0.00         1.00         4.000						
REFERENCE BARM WPAP       INV DATE 3/31/2008       INV DESCRIPTION 1318-08-06       GROSS AMOUNT 4,000.00       DISCOUNT TAKEN 0.00       NET AMOUNT PA 4,000         TOTAL >       TOTAL >       TOTAL >       0.00	DUCK NO.     USC.     NAME     INV DESCRIPTION     CREEK DATE     DISCOUNT TAKEN       REFERENCE     INV DATE     INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN     NET AMOUNT PA       J3/31/2008     1318-08-06     1318-08-06     GROSS AMOUNT     DISCOUNT TAKEN     0.00     NET AMOUNT PA       J0/12/008     1318-08-06     1318-08-06     GROSS AMOUNT     DISCOUNT TAKEN     0.00     INV DATE       J0/12/008     1318-08-06     1318-08-06     GROSS AMOUNT     J0/12/00     J0/12/00     INT AMOUNT PA       J0/12/008     1318-08-06     1318-08-06     GROSS AMOUNT     J0/12/00     J0/12/00     J0/12/00       J0/12/008     1318-08-06     1318-08-06     J0/12/00	DOR NO:     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE BARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 0.00     NET AMOUNT PA 4,000	DOR NO:     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE     INV DATE     INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN     NET AMOUNT PA       BARM WPAP     3/31/2008     1318-08-06     GROSS AMOUNT     DISCOUNT TAKEN     0.00     NET AMOUNT PA       GROSS AMOUNT     4,000.00     GROSS AMOUNT     DISCOUNT TAKEN     0.00     0.00     4,000				4,000.00	0.00	4,000
REFERENCE BARM WPAP       INV DATE 3/31/2008       INV DESCRIPTION 1318-08-06       GROSS AMOUNT 4,000.00       DISCOUNT TAKEN 0.00       NET AMOUNT PA 4,001	REFERENCE     INV DATE     INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN     NET AMOUNT PA       3/31/2008     1318-08-06     1318-08-06     0.00     0.00     0.00     0.00	INDOR NO:     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE IBARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 0.00     NET AMOUNT PA 4,001	DOR NO:     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE     INV DATE     INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN     NET AMOUNT PA       'BARM WPAP     3/31/2008     1318-08-06     GROSS AMOUNT     0.00     NET AMOUNT PA			TOT	AL >   4 000 00	0.00	4.00
REFERENCE BARM WPAP       INV DATE 3/31/2008       INV DESCRIPTION 1318-08-06       GROSS AMOUNT 4,000.00       DISCOUNT TAKEN 0.00       NET AMOUNT PA 4,000	REFERENCE BARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 0.00     NET AMOUNT PA 4,000	IDDR NO:     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE BARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 0.00     NET AMOUNT PA 4,000	IDOR NO:     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE     INV DATE     INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN     NET AMOUNT PA       BARM WPAP     3/31/2008     1318-08-06     9     4,000.00     0.00     4,000						
REFERENCE       INV DATE       INV DESCRIPTION       GROSS AMOUNT       DISCOUNT TAKEN       NET AMOUNT P.         BARM WPAP       3/31/2008       1318-08-06       4,000.00       0.00       0.00       4,000	REFERENCE     INV DATE     INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN     NET AMOUNT P.       BARM WPAP     3/31/2008     1318-08-06     4,000.00     0.00     4,00	NDOR NO:     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE TBARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION 1318-08-06     GROSS AMOUNT 4,000 00     DISCOUNT TAKEN 0.00     NET AMOUNT P. 4,000	NDOR NO:     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE TBARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 0.00     NET AMOUNT P. 4,00						
REFERENCE       INV DATE       INV DESCRIPTION       GROSS AMOUNT       DISCOUNT TAKEN       NET AMOUNT PA         BARM WPAP       3/31/2008       1318-08-06       1318-08-06       0.00       0.00       0.00       4,00	REFERENCE     INV DATE     INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN     NET AMOUNT PA       BARM WPAP     3/31/2008     1318-08-06     1318-08-06     0.00     0.00     4,00	NDOR NO:     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE FBARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 0.00     NET AMOUNT PA 4,00	DOR NO:     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE rBARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 0.00     NET AMOUNT PA 4,000						
REFERENCE BARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION 1318-08-06     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 4,000.00     NET AMOUNT PA 4,000	REFERENCE     INV DATE     INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN     NET AMOUNT PA       BARM WPAP     3/31/2008     1318-08-06     4,000.00     0.00     4,000	NDOR NO:     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE TBARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION 1318-08-06     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 0.00     NET AMOUNT PA 4,000	DOR NO:     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE     INV DATE:     3/31/2008     1318-08-06     GROSS AMOUNT     DISCOUNT TAKEN     NET AMOUNT PA       TBARM WPAP     3/31/2008     1318-08-06     GROSS AMOUNT     0.00     0.00     4,000						
REFERENCE BARM WPAP       INV DATE       INV DESCRIPTION       GROSS AMOUNT       DISCOUNT TAKEN       NET AMOUNT PA 4,000         3/31/2008       1318-08-06       1318-08-06       4,000       0.00       0.00       4,000	INVENTION     INV DATE     INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN     NET AMOUNT PA       BARM WPAP     3/31/2008     1318-08-06     4,000.00     0.00     4,000	NDOR NO:     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE BARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION 1318-08-06     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 0.00     NET AMOUNT PA 4,000	DOR NO:     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE     INV DATE     INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN     NET AMOUNT PA       3/31/2008     1318-08-06     1318-08-06     4,000.00     DISCOUNT TAKEN     0.00     4,000						
REFERENCE BARM WPAP       INV DATE 3/31/2008       INV DESCRIPTION 1318-08-06       GROSS AMOUNT 4,000.00       DISCOUNT TAKEN 0.00       NET AMOUNT PA 4,000	Index NO.     USG.     Index NO.     USG.     Index NO.     Index NO.       REFERENCE BARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 4,000.00     NET AMOUNT PA 4,000	NDOR NO:     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE TBARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION 1318-08-06     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 0.00     NET AMOUNT PA 4,000	DOR NO:     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE     INV DATE     INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN     NET AMOUNT PA       3/31/2008     1318-08-06     1318-08-06     4,000.00     DISCOUNT TAKEN     0.00     4,000						
REFERENCE BARM WPAP       INV DATE 3/31/2008       INV DESCRIPTION 1318-08-06       GROSS AMOUNT 4,000.00       DISCOUNT TAKEN 0.00       NET AMOUNT PA 4,000	INDEX NO.     INCLOSE OF CONTROCTOR     INCLOSE OF CONTROCTOR     INCLOSE OF CONTROCTOR       REFERENCE     INV DATE     INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN     NET AMOUNT PA       BARM WPAP     3/31/2008     1318-08-06     1318-08-06     GROSS AMOUNT     0.00     0.00     4,000	NDOR NO:         9534         NAME:         TEXAS COMMISSION         CHECK DATE:         3/31/2008           REFERENCE IBARM WPAP         INV DATE 3/31/2008         INV DESCRIPTION 1318-08-06         GROSS AMOUNT 4,000.00         DISCOUNT TAKEN 4,000.00         NET AMOUNT PA 4,000	Did invitition     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE IBARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION 1318-08-06     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 0.00     NET AMOUNT PA 4,000						
REFERENCE BARM WPAP       INV DATE 3/31/2008       INV DESCRIPTION 1318-08-06       GROSS AMOUNT 4,000.00       DISCOUNT TAKEN 0.00       NET AMOUNT PA 4,000	Index NO.     Index NO.     Index NO.     Index NO.     Index NO.     Index NO.       REFERENCE     INV DATE     INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN     NET AMOUNT PA       BARM WPAP     3/31/2008     1318-08-06     1318-08-06     4,000.00     0.00     4,000	NDOR NO:         9534         NAME:         TEXAS COMMISSION         CHECK DATE:         3/31/2008           REFERENCE 'BARM WPAP         INV DATE 3/31/2008         INV DESCRIPTION 1318-08-06         GROSS AMOUNT 4,000         DISCOUNT TAKEN 0.00         NET AMOUNT PA 4,000	DOR NO:     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE FBARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION 1318-08-06     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 4,000.00     NET AMOUNT PA 4,000						
REFERENCE BARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION 1318-08-06     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 0.00     NET AMOUNT PA 4,000	INDUCTION     INVIDESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN     NET AMOUNT PA       BARM WPAP     3/31/2008     1318-08-06     4,000.00     0.00     4,000	NDOR NO:         9534         NAME:         TEXAS COMMISSION         CHECK DATE:         3/31/2008           REFERENCE 'BARM WPAP         INV DATE 3/31/2008         INV DESCRIPTION 1318-08-06         GROSS AMOUNT 4,000.00         DISCOUNT TAKEN 0.00         NET AMOUNT PA 4,000	DOR NO:     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE BARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION 1318-08-06     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 4,000.00     NET AMOUNT PA 4,000						
REFERENCE BARM WPAP       INV DATE 3/31/2008       INV DESCRIPTION 1318-08-06       GROSS AMOUNT 4,000.00       DISCOUNT TAKEN 0.00       NET AMOUNT PA 4,000	INDUCTION     INVIDESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN     NET AMOUNT PA       BARM WPAP     3/31/2008     1318-08-06     4,000.00     0.00     4,000	NDOR NO:         9534         NAME:         TEXAS COMMISSION         CHECK DATE:         3/31/2008           REFERENCE TBARM WPAP         INV DATE 3/31/2008         INV DESCRIPTION 1318-08-06         GROSS AMOUNT 4,000.00         DISCOUNT TAKEN 4,000.00         NET AMOUNT PA 4,000	DOR NO:     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE FBARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION 1318-08-06     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 4,000.00     NET AMOUNT PA 4,000					3	
REFERENCE BARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION 1318-08-06     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 0.00     NET AMOUNT PA 4,000	INDUCTION     INVIDESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN     NET AMOUNT PA       BARM WPAP     3/31/2008     1318-08-06     4,000.00     0.00     4,000	NDOR NO:         9534         NAME:         TEXAS COMMISSION         CHECK DATE:         3/31/2008           REFERENCE (BARM WPAP         INV DATE 3/31/2008         INV DESCRIPTION 1318-08-06         GROSS AMOUNT 4,000.00         DISCOUNT TAKEN 4,000.00         NET AMOUNT PA 4,000	DOR NO:     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE FBARM WPAP     INV DATE     INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN     NET AMOUNT PA       3/31/2008     1318-08-06     1318-08-06     0.00     0.00     4,000						
REFERENCE     INV DATE     INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN     NET AMOUNT PA       'BARM WPAP     3/31/2008     1318-08-06     4,000.00     0.00     4,000	INDEX NO.     INV DATE     INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN     NET AMOUNT PA       BARM WPAP     3/31/2008     1318-08-06     1318-08-06     0.00     0.00     4,000	NDOR NO:         9534         NAME:         TEXAS COMMISSION         CHECK DATE:         3/31/2008           REFERENCE 'BARM WPAP         INV DATE 3/31/2008         INV DESCRIPTION 1318-08-06         GROSS AMOUNT 4,000.00         DISCOUNT TAKEN 4,000.00         NET AMOUNT PA 4,000	DOR NO:     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE FBARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION 1318-08-06     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 4,000.00     NET AMOUNT PA 4,000						
REFERENCE BARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION 1318-08-06     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 0.00     NET AMOUNT PA 4,000	INDUCTION     INVIDESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN     NET AMOUNT PA       BARM WPAP     3/31/2008     1318-08-06     4,000     0.00     4,000	NDOR NO:         9534         NAME:         TEXAS COMMISSION         CHECK DATE:         3/31/2008           REFERENCE 'BARM WPAP         INV DATE 3/31/2008         INV DESCRIPTION 1318-08-06         GROSS AMOUNT 4,000.00         DISCOUNT TAKEN 4,000.00         NET AMOUNT PA 4,000	DOR NO:     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE BARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION 1318-08-06     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 4,000.00     NET AMOUNT PA 4,000						
REFERENCE     INV DATE     INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN     NET AMOUNT PA       'BARM WPAP     3/31/2008     1318-08-06     0.00     0.00     0.00     4,000	INDUCTION     INVIDESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN       REFERENCE     INV DATE     INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN       BARM WPAP     3/31/2008     1318-08-06     4,000.00     0.00     4,000	IDOR NO:     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE 'BARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION 1318-08-06     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 0.00     NET AMOUNT PA 4,000	DGT IVI, ITTO.     TEXAS COMMISSION     CHECK DATE: 3/31/2008       REFERENCE BARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION 1318-08-06     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 4,000.00     NET AMOUNT PA 4,000						
REFERENCE BARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION 1318-08-06     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 0.00     NET AMOUNT PA 4,000	INDUCTION     INVIDESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN     NET AMOUNT PA       BARM WPAP     3/31/2008     1318-08-06     4,000.00     0.00     4,000	IDOR NO:     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE BARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION 1318-08-06     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 0.00     NET AMOUNT PA 4,000	DGT IVI, ITIC.     TEXAS COMMISSION     CHECK DATE: 3/31/2008       REFERENCE BARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION 1318-08-06     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 4,000.00     NET AMOUNT PA 4,000						
REFERENCE BARM WPAP       INV DATE       INV DESCRIPTION       GROSS AMOUNT       DISCOUNT TAKEN       NET AMOUNT PA 4,000         3/31/2008       1318-08-06       0.00       0.00       0.00       4,000	INV DATE     INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN       BARM WPAP     3/31/2008     1318-08-06     4,000.00     0.00     4,000	IDOR NO:     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE BARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION 1318-08-06     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 0.00     NET AMOUNT PA 4,000	DOR NO:     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE BARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION 1318-08-06     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 4,000.00     NET AMOUNT PA 4,000						
REFERENCE     INV DATE     INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN     NET AMOUNT PA       BARM WPAP     3/31/2008     1318-08-06     4,000.00     0.00     4,000	INV DATE     INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN     NET AMOUNT PA       BARM WPAP     3/31/2008     1318-08-06     4,000.00     0.00     4,000	IDOR NO:     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE 'BARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION 1318-08-06     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 4,000.00     NET AMOUNT PA 4,000	DGT IVI, ITIC.     TEXAS COMMISSION     CHECK DATE: 3/31/2008       REFERENCE     INV DATE     INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN     NET AMOUNT PA       BARM WPAP     3/31/2008     1318-08-06     4,000.00     0.00     4,000						
REFERENCE     INV DATE     INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN     NET AMOUNT PA       'BARM WPAP     3/31/2008     1318-08-06     4,000.00     0.00     4,00	INDUCTION     INVIDES     INVIDES <thinvides< th=""> <thinvides< th=""></thinvides<></thinvides<>	IDOR NO:9534NAME:TEXAS COMMISSIONCHECK DATE:3/31/2008REFERENCE BARM WPAPINV DATE 3/31/2008INV DESCRIPTION 1318-08-06GROSS AMOUNT 4,000.00DISCOUNT TAKEN 0.00NET AMOUNT PA 4,000	IDGR NO:     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE BARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION 1318-08-06     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 4,000.00     NET AMOUNT PA 4,00						
REFERENCE     INV DATE     INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN     NET AMOUNT PA       BARM WPAP     3/31/2008     1318-08-06     4,000.00     0.00     0.00     4,000	INV DATE     INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN     NET AMOUNT PA       BARM WPAP     3/31/2008     1318-08-06     4,000.00     0.00     4,000	IDOR NO:9534NAME:TEXAS COMMISSIONCHECK DATE:3/31/2008REFERENCE BARM WPAPINV DATE 3/31/2008INV DESCRIPTION 1318-08-06GROSS AMOUNT 4,000.00DISCOUNT TAKEN 0.00NET AMOUNT PA 4,000	IDGR NO:     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE BARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION 1318-08-06     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 4,000.00     NET AMOUNT PA 4,000						
REFERENCE BARM WPAPINV DATE 3/31/2008INV DESCRIPTIONGROSS AMOUNT 4,000.00DISCOUNT TAKEN 0.00NET AMOUNT PA 4,000	INV DATE     INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN     NET AMOUNT PA       3/31/2008     1318-08-06     4,000.00     0.00     4,000	IDOR NO:9534NAME:TEXAS COMMISSIONCHECK DATE:3/31/2008REFERENCE BARM WPAPINV DATE 3/31/2008INV DESCRIPTIONGROSS AMOUNT 4,000.00DISCOUNT TAKEN 0.00NET AMOUNT PA 4,000	IDOR NO:     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE BARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION 1318-08-06     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 4,000.00     NET AMOUNT PA 4,000						
REFERENCE BARM WPAPINV DATE 3/31/2008INV DESCRIPTION 1318-08-06GROSS AMOUNT 4,000.00DISCOUNT TAKEN 0.00NET AMOUNT PA 4,000	INV DATE     INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN     NET AMOUNT PA       BARM WPAP     3/31/2008     1318-08-06     4,000     0.00     4,000	IDOR NO:9534NAME:TEXAS COMMISSIONCHECK DATE:3/31/2008REFERENCE BARM WPAPINV DATE 3/31/2008INV DESCRIPTION 1318-08-06GROSS AMOUNT 4,000.00DISCOUNT TAKEN 0.00NET AMOUNT PA 4,000	IDOR NO:     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE BARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION 1318-08-06     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 4,000.00     NET AMOUNT PA 4,000					ļ	
REFERENCE BARM WPAP         INV DATE         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT PA           3/31/2008         1318-08-06         4,000.00         0.00         4,000         0.00         4,000	DOR NO.       REFERENCE BARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION 1318-08-06     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 4,000.00     NET AMOUNT PA 0.00	DOR NO:9534NAME:TEXAS COMMISSIONCHECK DATE:3/31/2008REFERENCE BARM WPAPINV DATE 3/31/2008INV DESCRIPTION 1318-08-06GROSS AMOUNT 4,000.00DISCOUNT TAKEN 0.00NET AMOUNT PA 4,000	DOR NO:     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE BARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION 1318-08-06     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 4,000.00     NET AMOUNT PA 4,000						
REFERENCE BARM WPAPINV DATE 3/31/2008INV DESCRIPTION 1318-08-06GROSS AMOUNT 4,000.00DISCOUNT TAKEN 0.00NET AMOUNT PA 4,000	INV DATE     INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN     NET AMOUNT PA       BARM WPAP     3/31/2008     1318-08-06     4,000.00     0.00     4,000	DOR NO:9534NAME:TEXAS COMMISSIONCHECK DATE:3/31/2008REFERENCE BARM WPAPINV DATE 3/31/2008INV DESCRIPTION 1318-08-06GROSS AMOUNT 4,000.00DISCOUNT TAKEN 0.00NET AMOUNT PA 4,000	DOR NO:     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE BARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION 1318-08-06     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 4,000.00     NET AMOUNT PA 0.00						
REFERENCE BARM WPAPINV DATE 3/31/2008INV DESCRIPTION 1318-08-06GROSS AMOUNT 4,000.00DISCOUNT TAKEN 0.00NET AMOUNT PA 4,000	INV DATE     INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN     NET AMOUNT PA       BARM WPAP     3/31/2008     1318-08-06     4,000.00     0.00     4,000	IDOR NO:9534NAME:TEXAS COMMISSIONCHECK DATE:3/31/2008REFERENCE BARM WPAPINV DATE 3/31/2008INV DESCRIPTION 1318-08-06GROSS AMOUNT 4,000.00DISCOUNT TAKEN 0.00NET AMOUNT PA 4,000	IDOR NO:     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE BARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION 1318-08-06     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 4,000.00     NET AMOUNT PA 4,000						
REFERENCE BARM WPAPINV DATE 3/31/2008INV DESCRIPTION 1318-08-06GROSS AMOUNT 4,000.00DISCOUNT TAKEN 0.00NET AMOUNT PA 4,000	Index NO.         Inv Date         Inv Description         GROSS AMOUNT         Discount Taken         NET AMOUNT PA           BARM WPAP         3/31/2008         1318-08-06         4,000.00         0.00         4,000	IDOR NO:         9534         NAME:         TEXAS COMMISSION         CHECK DATE:         3/31/2008           REFERENCE BARM WPAP         INV DATE 3/31/2008         INV DESCRIPTION 1318-08-06         GROSS AMOUNT 4,000.00         DISCOUNT TAKEN 0.00         NET AMOUNT PA 4,000	IDOR NO:     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE BARM WPAP     INV DATE 3/31/2008     INV DESCRIPTION 1318-08-06     GROSS AMOUNT 4,000.00     DISCOUNT TAKEN 4,000.00     NET AMOUNT PA 4,000						
REFERENCE         INV DATE         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT PA           BARM WPAP         3/31/2008         1318-08-06         4.000.00         0.00         4.000	IDDR NO.         CHECK DATE:         S/S/1/2008           REFERENCE         INV DATE         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT PA           BARM WPAP         3/31/2008         1318-08-06         4.000.00         0.00         4.000	IDOR NO:         9534         NAME:         TEXAS COMMISSION         CHECK DATE:         3/31/2008           REFERENCE         INV DATE         INV DESCRIPTION         GROSS AMOUNT         DISCOUNT TAKEN         NET AMOUNT PA           BARM WPAP         3/31/2008         1318-08-06         4.000.00         0.00         4.000	IDGR NO:     9534     NAME:     TEXAS COMMISSION     CHECK DATE:     3/31/2008       REFERENCE     INV DATE     INV DESCRIPTION     GROSS AMOUNT     DISCOUNT TAKEN     NET AMOUNT PA       BARM WPAP     3/31/2008     1318-08-06     4.000.00     0.00     4.000				,,		.,
REFERENCE INVIDATE INVIDESCRIPTION GROSS AMOUNT DISCOUNT TAKEN NET AMOUNT PA	REFERENCE INVIDATE INVIDESCRIPTION GROSS AMOUNT DISCOUNT TAKEN NET AMOUNT PA	IDOR NO: 9534 NAME: TEXAS COMMISSION CHECK DATE: 3/31/2008	IDOR NO: 9534 NAME: TEXAS COMMISSION CHECK DATE: 3/31/2008		3/31/2008	1318-08-06	4,000,00	0.00	4.000
	DURINU. USOF CHECK DATE: 3/31/2000	DOR NO: 9534 NAME: TEXAS COMMISSION CHECK DATE: 3/31/2008	DOR NO: 9534 NAME: TEXAS COMMISSION CHECK DATE: 3/31/2008	BARM WPAP	INV DATE	INV DESCRIPTION	GROSS AMOUNT	DISCOUNT TAKEN	NET AMOUNT PA



## **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 4 200 2	<u> </u>	· · · · · · · · · · · · · · · · · · ·	1			1. 1		<u></u>		·····
1. Reason f	or Submis ermit. Reai	ssion (If other is checked please stration or Authorization (Core Da	describe i ta Form si	n space hould b	e provid ie subri	itted w	ith the progra	m applicatio	on)	
Renew	al (Core L	Data Form should be submitted wit	h the rene	wal for	m)		Dther		,	
2. Attachme	ents	Describe Any Attachments: (	ex. Title V A	Applicati	ion, Wa	ste Tran	sporter Applica	tion, etc.)		
⊠Yes	No	WPAP Report and appli	cable at	tachn	nents					
3. Custome	r Referend	ce Number (if issued)	Follow this	s link to	search	4. F	Regulated Er	tity Refere	nce Numbe	r (if issued)
CN 6007	793111		for CN or Centra	RN num I Regist	ibers in ry**	R	N 102745	502		
SECTIO	N II: C	ustomer Information								
5. Effective	Date for C	Customer Information Updates (r	nm/dd/yy	yy)	Apri	1 200	3			
6. Custome	<b>r Role</b> (Pro	pposed or Actual) - as it relates to the	Regulated	<u>Entity</u> lis	sted on	this forn	n. Please check	only <u>one</u> of	the following:	
Owner		Operator	$\boxtimes$	)wner 8	& Opera	ator				
	onal Licens	see 🔲 Responsible Party	Πv	/oluntar	ry Clea	nup Ap	plicant	Other:		
7. General C	Customer	Information								
New Cus	stomer		date to Cu	stomer	Inform	ation		Change in	Regulated E	Entity Ownership
Change in	n Legal Na	me (Verifiable with the Texas Seci	etary of S	tate)			$\boxtimes$	No Change	<u>e**</u>	
**If "No Cha	nge" and	Section I is complete, skip to Se	ection III -	Regul	lated E	intity li	formation.			·····
8. Type of C	ustomer:	Corporation		ndividu	al		Sole I	Proprietorsh	nip- D.B.A	
City Gov	ernment	County Government	F F	ederal	Gover	nment	State	Governmer	1t	юю- <u>ра</u>
Other Go	vernment	General Partnership	ι	.imited	Partne	rship	C Other	•		
9. Customer	Legal Na	me (If an individual, print last name fi	st: ex: Doe	, John)	<u></u>	<u>new Cu</u> elow	istomer, enter	previous Cu	<u>istomer</u>	End Date:
T Bar M,	Inc.	a gananaaaaaaa ahaa ahaa ahaa ahaa ahaa				ingeniteringe				
	8201 H	Preston Road			d					
10. Mailing										
Address:	0.1	D II	01-1	mar			75005			[
	City	Dallas	State			ZIP	/5225		ZIP + 4	
11. Country	Mailing In	formation (if outside USA)			12. E	-Mail A	ddress (if app	licable)		
40 T-1			· · · · ·		<b>S</b> = 1	R		·		f. 1
13. Telephol	ne Numbe	r 14	. Extensi	on or C	jode		15. 1	ax Numbe	r (ir applicat	ie)
( 214 ) 692-4254 ( 830 ) 625-5959										
20. Number of Employees 21. Independently Owned and Operated?										
$\square 0-20 \square 21-100 \square 101-250 \square 251-500 \square 501 and higher \square Ves \square No$										
	<u></u>			na mgn				<b></b> '		
SECTION		Regulated Entity Inform	nation							
22. General Regulated Entity Information (If 'New Regulated Entity' is selected below this form should be accompanied by a permit application)										
New Keg	ulated Ent		ity Name			to Rec	julated Entity	information		Unange <sup></sup> (See below)
23 Rogulata	d Entity A	I no change is checked	iloted action	n is taki	ipiete, S	nip 10 36	спонта, гтера			
T Bar M	Inc	unio (name or me sile where the regi	naieu dullo	TI IS LAKI	ну рас	2/				
	LIN.									

24. Street Address of the Regulated	2549	9 SH 46 V				•	m - division
Entity: <u>(No P.O. Boxes)</u>	City	New Braunfels	State	TX	ZIP	78132	ZIP + 4
	Sam	e					
25. Mailing Address:							
	City		State		ZIP		ZIP + 4
26. E-Mail Address:	stu	rpin@tbarm.com					
27. Telephone Numbe	٢		28. Extensio	n or Code	29.	Fax Numbe	r (if applicable)
<b>(</b> 830 <b>)</b> 625-7738					( 8	330 <b>)</b> 620-	6018
30. Primary SIC Code	(4 digits)	31. Secondary SIC	Code (4 digits)	32. Primary (5 or 6 digits)	V NAICS	Code	33. Secondary NAICS Code (5 or 6 digits)
7011		7999		721214			71394
34. What is the Primar	y Busir	ness of this entity? (/	Please do not rep	eat the SIC or i	NAICS de	scription.)	
resort, sports facil	ities,	meeting and dinin	g facilities				

Questions 34 – 37 address geographic location. Please refer to the instructions for applicability.

35. Description to Physical Location:	south	side of SH	46, 1/	2 mile northy	vest of the inte	ersecti	ion of FM	1 1 8 6 3		
36. Nearest City				County		State			Nearest ZIP Co	ode
New Braunfels				Comal		TX			78132	
37. Latitude (N) In I	Decimal:	29.724167	7		38. Longitude (	W) In	Decimal:	98.18	36944	
Degrees	Minutes		Second	S	Degrees		Minutes	I	Seconds	
29	43		27		98		11		13	

**39. TCEQ Programs and ID Numbers** Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this form or the updates may not be made. If your Program is not listed, check other and write it in. See the Core Data Form instructions for additional guidance.

Dam Safety	Districts	Edwards Aquifer	Industrial Hazardous Waste	Municipal Solid Waste
New Source Review – Air	□ OSSF	Petroleum Storage Tank	D PWS	Sludge
Stormwater	Title V – Air	Tires	Used Oil	Utilities
Voluntary Cleanup	Waste Water	Wastewater Agriculture	U Water Rights	Other:

### **SECTION IV: Preparer Information**

40. Name:	David M M	cBeth, P.E.		41. Title:	Sr Project Manager
42. Telephon	e Number	43. Ext./Code	44. Fax Number	45. E-Mail	Address
(210)494	-0088	6352	(210)494-4525	david.m	cbeth@jacobs.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 9 and/or as required for the updates to the ID numbers identified in field 39.

(See the Core Data Form instructions for more information on who should sign this form.)

Company:	Jacobs Carter Burgess	Job Title:	Project Engineer		
Name(In Print) :	David McBeth			Phone:	(210)494-0088
Signature:	Studily			Date:	4/24/2008

Doc#

90306002418

**TEXAS COMMISSION ON ENVIRONMENTAL QUALITY** 

Protecting Texas by Reducing and Preventing Pollution

December 20, 2002

Mr. Scott Turpin T Bar M, Inc./ Center for Christian Growth 8201 Preston Road Dallas, TX 75225

Re: Edwards Aquifer, Bexar County

NAME OF PROJECT: T Bar M; Located at 2549 Highway 46 West; New Braunfels, Texas TYPE OF PLAN: Request for Approval of a Water Pollution Abatement Plan (WPAP); 30 Texas Administrative Code (TAC) Chapter 213 Edwards Aquifer Edwards Aquifer Protection Program File No.1899.00; Investigation No. 17611.

Dear Mr. Turpin:

Robert J. Huston, Chairman

R. B. "Ralph" Marquez, Commissioner Kathleen Hartnett White, Commissioner

The Texas Commission on Environmental Quality (TCEQ) has completed its review of the WPAP application for the referenced project submitted to the San Antonio Regional Office by Mr. Jeff Moeller, P.E. of Carter & Burgess, Inc. on behalf of T Bar M, Inc./ Center for Christian Growth on September 26, 2002. Final review of the application was completed after additional materials were submitted on December 9, 2002, and December 13, 2002. As presented to the TCEQ, the Temporary and Permanent Best Management Practices (BMPs) 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 scaled, 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 must be filed no later than 20 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 9.3 acres. It will include the construction of two buildings, a cabin, four tennis courts, and associated parking areas. The impervious cover will be 3.46 acres (37.2% percent). Project wastewater will be disposed of by conveyance to the existing Gruene Waste Water Recycling Center owned by the City of New Braunfels.

REPLY TO: REGION 13 • 14250 JUDSON RD. • SAN ANTONIO, TEXAS 78233-4480 • 210/490-3096 • FAX 210/545-4329

5/ 8

)oc# 2006002418

Mr. Scott Turpin Page 2 December 20, 2002

#### PERMANENT POLLUTION ABATEMENT MEASURES

Five individual permanent vegetative filter strips will be constructed to treat stormwater runoff. The individual treatment measures will consist of the following:

Permanent Best Management Practice (Vegetative Filter Strips)					
Watershed	А	В	С	r. D	E
Filter Strip Area (acres)	1.15	0.77	0.10	0.37	0.126
Level spreading device	Yes	Yes	Yes	Yes	Yes
Contiguous with developed area	Yes	Yes	Yes	Yes	Yes
Area of development filter strip designed to treat (acres)	1.203	1.824	0.17	0.726	0.126

The approved measures are presented to meet the required 80 percent removal of the increased load in total suspended solids caused by the project.

#### GEOLOGY

According to the geologic assessment included with the application, four possibly sensitive features and one not sensitive feature were identified on the proposed project site. The possibly sensitive features were described by the geologist as four man-made features and one solution cavity. The San Antonio Regional Office did conduct a site inspection on October 18, 2002. The site inspection revealed that the site geology is consistent with the geologic assessment and no additional features were noted.

### SPECIAL CONDITIONS

- I. All permanent pollution abatement measures shall be operational prior to commencement of any commercial operation for each phase of development.
- II. The vegetative filtration areas are designed in accordance with the document Complying with the Edwards Aquifer Rules: Technical Guidance on Best Management Practices (June 1999). The basins will incorporate sedimentation and filtration as described above. STANDARD CONDITIONS
- 1. Pursuant to §26.136 of the Texas Water Code, any violations of the requirements in 30 TAC Chapter 213 may result in administrative penalties.

#### Prior to Commencement of Construction:

2. 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

Doc# 1 0306002418

Mr. Scott Turpin Page 3

3.

4.

5.

6.

December 20, 2002.

property is located. A description of the property boundaries shall be included in the deed recordation in the county deed records. A suggested form (Deed Recordation Affidavit, TCEQ-0625) that you may use to deed record the approved WPAP is enclosed.

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 WPAP and this notice of approval shall be maintained at the project location until all regulated activities are completed.

Modification to the activities described in the referenced WPAP 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.

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 date on which the regulated activity will commence, the name of the approved plan and file number for the regulated activity, and the name of the prime contractor with the name and telephone number of the contact person. The executive director will use the notification to determine if the approved plan is eligible for an extension.

Temporary erosion and sedimentation (E&S) controls, i.e., silt fences, rock berms, stabilized construction entrances, or other controls described in the approved WPAP, 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.

7. All borings with depths greater than or equal to 20 feet must be plugged with non-shrink grout from the bottom of the hole to within three (3) feet of the surface. The remainder of the hole must be backfilled with cuttings from the boring. All borings less than 20 feet must be backfilled with cuttings from the boring. All borings must be backfilled or plugged within four (4) days of completion of the drilling operation. Voids may be filled with gravel.

#### **During Construction:**

- 8. During the course of regulated activities related to this project, the applicant or 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 any sensitive feature (caves, solution cavities, sink holes, etc.) is discovered during construction, all regulated activities near the feature must be suspended immediately. The applicant or his agent must immediately notify the San Antonio Regional Office of the discovery of the feature. Regulated activities near the feature may not proceed until the executive director has reviewed and approved

### Doc# 260306002418

Mr. Scott Turpin Page 4 December 20, 2002

the methods proposed to protect the feature and the aquifer from potentially adverse impacts to water quality. The plan must be sealed, signed, and dated by a Texas Licensed Professional Engineer.

 All water wells, including injection, dewatering, and monitoring wells must be in compliance with the requirements of the Texas Department of Licensing and Regulation under Title 16 TAC Chapter 76 (relating to Water Well Drillers and Pump Installers) and all other locally applicable rules, as appropriate.

11. 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 reduced by 50 percent. Litter, construction debris, and construction chemicals shall be prevented from becoming stormwater discharge pollutants.

12. 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.

13. 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.

#### After Completion of Construction:

- 14. 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 association, a new property owner or lessee, a district, or municipality) or the ownership of the property is transferred to the entity. The regulated 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 Edwards Aquifer protection plan. If the new owner intends to commence any new regulated activity on the site, a new Edwards Aquifer protection 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.

### Doc# 200306002418

Mr. Scott Turpin Page 5 December 20, 2002

- 17. An Edwards Aquifer protection 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 Edwards Aquifer protection 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.

If you have any questions or require additional information, please contact Tom Gutierrez of the Edwards Aquifer Protection Program of the San Antonio Regional Office at 210-403-4025.

Sincerely.

Margaret Hoffman Executive Director Texas Commission on Environmental Quality

MH/TG/eg

Enclosure:

cc:

Deed Recordation Affidavit, Form TCEQ-0625 Change in Responsibility for Maintenance on Permanent BMPs-Form TCEQ-10263

Mr. Jeff Moeller, P.E., Carter & Burgess, Inc. Mr. John Bohuslav, TXDOT San Antonio District Mr. Tom Hornseth, Comal County "Mr. Greg Ellis, Edwards Aquifer Authority TCEQ Central Records MC 212

> Doc# 200306002418 # Pages 6 01/22/2003 12:29:12 PM Filed & Recorded in Official Records of COMAL COUNTY JOY STREATER COUNTY CLERK Fees \$19.00

## TOUNTY OF COMAL

This is to certify that this document . FILED and RECORDED in the Offici. Public Records of Comal County, Texa on the date and time stamped thereon.



Doc# r0 00306002418

### ATTACHMENT "B" Project Description

The owner has decided to complete the final phase of the approved WPAP dating back to 2002 attached to this section. In additional they wish to make some improvements to other areas of the camp as well. Below is a description of the proposed areas and how they correspond to treatment. Area 3 listed below is the continuation of the currently approved WPAP that is being modified.

The proposed improvements are divided into 4 separate areas. Area 1 is the only portion of the project that will not utilize previously approved BMP sizing. Area 2 is a reduction of impervious cover from improvements from past approved WPAP's that did not define areas of vegetation; however it is our opinion the net loss of impervious cover is an improved condition. Area 3 is a completion of the plan that we propose to modify. Area 4 is separate from the other 3 and with have self-contained Rainwater Harvesting systems for the proposed structures. Currently the project limits contains 2.80 acres of impervious cover and this plan proposed to take the 15.39 acre project area to a total of 5.60 acres of impervious cover.

<ul> <li>Andrew 1 Construct</li> <li>Margane 1 Andrew 1</li></ul>	AREA 1	AREA 3	AREA 4	AREA 5
<ul> <li>B. Are and M. Sampa and M. Sam</li></ul>	Background Load Calculations	Background Load Calculations	Background Load Calculations	Background Load Calculations
	Site Area = 4.003ac Existing Impervious Area = 0.246ac (6.1 % Imp) Proposed Impervious Area = 1.203ac (30.0 % Imp)	Site Area = 0.411ac Existing Impervious Area = 0.0ac (0.0 % Imp) Proposed Impervious Area = 0.170ac (41.4 % Imp)	Site Area = 1.157ac Existing Impervious Area = 0.284ac (24.5 % Imp) Proposed Impervious Area = 0.726ac (60.9 % Imp)	Site Area = 0.383ac Existing Impervious Area = 0.0ac (0. Proposed Impervious Area = 0.126a
<ul> <li>A. S. S.</li></ul>	Rv = 0.546(IC) <sup>2</sup> + 0.328(IC) + 0.030 Rv Exist = 0.546(.061) <sup>2</sup> + 0.328(0.061) + 0.030 Rv Exist = 0.052	Rv = 0.546(IC) <sup>2</sup> + 0.328(IC) + 0.030 Rv Exist = 0.546(0.0) <sup>2</sup> + 0.328(0.0) + 0.030 Rv Exist = 0.030	Rv = 0.546(IC) <sup>2</sup> + 0.328(IC) + 0.030 Rv Exist = 0.546(0.245) <sup>2</sup> + 0.328(0.245) + 0.030 Rv Exist = 0.143	Rv = 0.546(IC) <sup>2</sup> + 0.328(IC) + 0.03 Rv Exist = 0.546(0.0) <sup>2</sup> + 0.328(0.0) Rv Exist = 0.030
	Au = Site Area - Impervious Area Au = 4.003ac - 0.246ac Au = 3.757ac	Au = Site Area - Impervious Area Au = 0.411ac - 0.0ac Au = 0.411ac	Au = Site Area - Impervious Area Au = 1.157ac - 0.284ac Au = 0.873ac	Au = Site Area - Impervious Area Au = 0.383ac - 0.0ac Au = 0.383ac
<ul> <li>Public description of the state of the state</li></ul>	L=P(Au x 0.54 + Ad x Rv x 38.4) L=33(3.757 x 0.54 + 0.246 x 0.052 x 38.4) L=83.2	L=P(Au x 0.54 + Ad x Rv x 38.4) L=33(0.411 x 0.54 + 0.0 x 0.030 x 38.4) L=7.32	L=P(Au x 0.54 + Ad x Rv x 38.4) L=33(0.873 x 0.54 + 0.284 x 0.143 x 38.4) L=67.0	L=P(Au x 0.54 + Ad x Rv x 38.4) L=33(0.383 x 0.54 + 0.0 x 0.030 x 3 L=6.83
<ul> <li>March 2000 2000 2000 2000 2000 2000 2000 20</li></ul>	Post Development Load	Post Development Load	Post Development Load	Post Development Load
<ul> <li>c</li></ul>	Rv = 0.546(IC)^2 + 0.328(IC) + 0.030 Rv Prop = 0.546(0.30)^2 + 0.328(0.30) + 0.030 Rv Prop = 0.178	$Rv = 0.546(IC)^{2} + 0.328(IC) + 0.030$ Rv Prop = 0.546(0.414)^{2} + 0.328(0.414) + 0.030 Rv Prop = 0.259	Rv = 0.546(IC) <sup>2</sup> + 0.328(IC) + 0.030 Rv Prop = 0.546(0.609) <sup>2</sup> + 0.328(0.609) + 0.030 Rv Prop = 0.432	$Rv = 0.546(IC)^{2} + 0.328(IC) + 0.03$ Rv Prop = 0.546(0.329)^{2} + 0.328(0 Rv Prop = 0.197
<ul> <li>Part in the function of the funct</li></ul>	$L = A \times P \times Rv \times 38.4$ $L = 4.003ac \times 33 \times 0.178 \times 38.4$ L = 902.9	$L = A \times P \times Rv \times 38.4$ $L = 0.411ac \times 33 \times 0.259 \times 38.4$ L = 134.9	L = A x P x Rv x 38.4 L = 1.192ac x 33 x 0.432 x 38.4 L = 652.5	$L = A \times P \times Rv \times 38.4$ $L = 0.383ac \times 33 \times 0.197 \times 38.4$ L = 95.6
L = 0 approx 1 appro	Required Reduction	Required Reduction	Required Reduction	Required Reduction
<ul> <li>P - Pactor do Sa Transf</li> <li>P - Pactor do Pactor</li></ul>	Lr = 0.8(Post Dev. Load - Pre Dev. Load) Lr = 0.8(902.9 - 83.2) Lr = 655.8	Lr = 0.8(Post Dev. Load - Pre Dev. Load) Lr = 0.8(134.9 - 7.32) Lr = 102.1	Lr = 0.8(Post Dev. Load - Pre Dev. Load) Lr = 0.8(652,5 - 67.0) Lr = 468.4	Lr = 0.8(Post Dev. Load - Pre Dev. Lr = 0.8(95.6 - 6.83) Lr = 71.0
La La Jord Corporation (Conservation Conservation Conserv	FS = Fraction of Site Treated	FS = Fraction of Site Treated	FS = Fraction of Site Treated	FS = Fraction of Site Treated
<ul> <li>Martin Schwarzen funktion funk</li></ul>	Lr = Li x FS x (TSS Removal Efficiency) 655.8 = 902.9 x FS x 0.85 FS = 0.855	Lr = Li x FS x (TSS Removal Efficiency) 102.1 = 134.9 x FS x 0.85 FS = 0.89	Lr = Li x FS x (TSS Removal Efficiency) 468.4 = 652.5 x FS x 0.85 FS = 0.844	Lr = Li x FS x (TSS Removal Efficie 71.0 = 95.6 x FS x 0.85 FS = 0.874
Mar. = 7.5 / Proposed Imperiods Area       Mar. = 7.5 / Proposed Imperiods Area       Mar. = 7.5 / Proposed Imperiods Area         Mar. = 0.000 / 1000       Mar. = 7.5 / Proposed Imperiods Area       Mar. = 7.5 / Proposed Imperiods Area       Mar. = 7.5 / Proposed Imperiods Area         Mar. = 0.000 / 1000       Mar. = 7.5 / Proposed Imperiods Area       Mar. = 7.5 / Proposed Imperiods Area       Mar. = 7.5 / Proposed Imperiods Area         Mar. = 7.5 / Proposed Imperiods Area       Mar. = 7.5 / Proposed Imperiods Area       Mar. = 7.5 / Proposed Imperiods Area         Mar. = 7.5 / Proposed Imperiods Area       Mar. = 7.5 / Proposed Imperiods Area       Mar. = 7.5 / Proposed Imperiods Area         Mar. = 7.5 / Proposed Imperiods Area       Mar. = 7.5 / Proposed Imperiods Area       Mar. = 7.5 / Proposed Imperiods Area         Mar. = 7.5 / Proposed Imperiods Area       Mar. = 7.5 / Proposed Imperiods Area       Mar. = 7.5 / Proposed Imperiods Area         Mar. = 7.5 / Proposed Imperiods Area       Mar. = 7.5 / Proposed Imperiods Area       Mar. = 7.5 / Proposed Imperiods Area         Mar. = 7.5 / Proposed Imperiods Area       Mar. = 7.5 / Proposed Imperiods Area       Mar. = 7.5 / Proposed Imperiods Area         Mar. = 7.5 / Proposed Imperiods Area       Mar. = 7.5 / Proposed Imperiods Area       Mar. = 7.5 / Proposed Imperiods Area         Mar. = 7.5 / Proposed Imperiods Area       Mar. = 7.5 / Proposed Imperiods Area       Mar. = 7.5 / Proposed Imperiods Area         Mar. = 7.5 / Propose	Minimum Fraction of Impervious Area that must be treated is.	Minimum Fraction of Impervious Area that must be treated is.	Minimum Fraction of Impervious Area that must be treated is.	Minimum Fraction of Impervious Art treated is.
Name         Name <th< td=""><td>MF = FS x Proposed Impervious Area MF = 0.885 x 1.203 MF = 1.065ac</td><td>MF = FS x Proposed Impervious Area MF = 0.89 x 0.170 MF = 0.15ac</td><td>MF = FS x Proposed Impervious Area MF = 0.844 x 0.726 MF = 0.613ac</td><td>MF = FS x Proposed Impervious Ar MF = 0.874 x 0.126 MF = 0.110ac</td></th<>	MF = FS x Proposed Impervious Area MF = 0.885 x 1.203 MF = 1.065ac	MF = FS x Proposed Impervious Area MF = 0.89 x 0.170 MF = 0.15ac	MF = FS x Proposed Impervious Area MF = 0.844 x 0.726 MF = 0.613ac	MF = FS x Proposed Impervious Ar MF = 0.874 x 0.126 MF = 0.110ac
Matheman Probands Loading - 4 (87:3972)         Probands - 4 (87:3972	Required Treatment Area	Required Treatment Area	Required Treatment Area	Required Treatment Area
Mill = 3 / 40/71       Will = 3 / 40/71       Will = 3 / 40/71       Will = 3 / 40/71         Will = 3 / 40/71       Will = 3 / 40/71       Will = 3 / 40/71       Will = 3 / 40/71       Will = 3 / 40/71         Will = 3 / 40/71       Will = 3 / 40/71       Will = 3 / 40/71       Will = 3 / 40/71       Will = 3 / 40/71         Will = 3 / 40/71       Will = 3 / 40/71       Will = 3 / 40/71       Will = 3 / 40/71       Will = 3 / 40/71         Will = 3 / 40/71       Will = 3 / 40/71       Will = 3 / 40/71       Will = 3 / 40/71       Will = 3 / 40/71         Will = 3 / 40/71       Will = 3 / 40/71       Will = 3 / 40/71       Will = 3 / 40/71       Will = 3 / 40/71         Will = 3 / 40/71       Will = 3 / 40/71       Will = 3 / 40/71       Will = 3 / 40/71       Will = 3 / 40/71         Will = 3 / 40/71       Will = 3 / 40/71       Will = 3 / 40/71       Will = 3 / 40/71       Will = 3 / 40/71         Will = 3 / 40/71       Will = 3 / 40/71       Will = 3 / 40/71       Will = 3 / 40/71       Will = 3 / 40/71         Will = 3 / 40/71       Will = 3 / 40/71       Will = 3 / 40/71       Will = 3 / 40/71       Will = 3 / 40/71         Will = 3 / 40/71       Will = 3 / 40/71       Will = 3 / 40/71       Will = 3 / 40/71       Will = 3 / 40/71         Will = 3 / 40/71       Will = 3 / 40/71       Will = 3 / 40/	Maximum Hydraulic Loading = 4.6ft^3/ft^2	Maximum Hydraulic Loading = 4.6ft^3/ft^2	Maximum Hydraulic Loading = 4.6ft^3/ft^2	Maximum Hydraulic Loading = 4.6f
Proposed Vegetative Filler Strips = 0.15cc         Progrased Vegetative Filler Strips = 0.37cc         Proposed Vegetative Filler Strips = 0.37cc         Progrased Vegetative Filler Strips = 0.37cc         Proposed Vegetative Filler Strips = 0.37cc         Progrased Vegetative Filler Strips = 0.37cc         Proposed Vegetative Filler Strips = 0.37cc         Progrased Vegetative Filler Strips = 0.37cc         Proposed Vegetative Filler Strips = 0.37cc         Progrased Vegetative Filler Strips = 0.37cc         Proposed Vegetative Filler Strips = 0.37cc         Progrased Vegetative Filler Strips = 0.37cc         Proposed Vegetative Filler Strips = 0.37cc           Proposed Vegetative Filler Strips = 0.37cc         Proposed Vegetative Filler Strips = 0.37cc         Proposed Vegetative Filler Strips = 0.37cc         Proposed Vegetative Filler Strips = 0.37cc         Proposed Vegetative Filler Strips = 0.37cc           Proposed Vegetative Filler Strips = 0.37cc <td< td=""><td>MHL = P x MF/TA 4.6ft^3/ft^2 = 33in x 1ft/12in x 1.065ac/TA <b>TA = 0.64ac</b></td><td>MHL = P x MF/TA 4.6ft^3/ft^2 = 33in x 1ft/12in x 0.15ac/TA <b>TA = 0.09ac</b></td><td>MHL = P x MF/TA 4.6ft^3/ft^2 = 33in x 1ft/12in x 0.613ac/TA <b>TA = 0.37ac</b></td><td>MHL = P x MF/TA 4.6ft^3/ft^2 = 33in x 1ft/12in x 0.11a TA = 0.066ac</td></td<>	MHL = P x MF/TA 4.6ft^3/ft^2 = 33in x 1ft/12in x 1.065ac/TA <b>TA = 0.64ac</b>	MHL = P x MF/TA 4.6ft^3/ft^2 = 33in x 1ft/12in x 0.15ac/TA <b>TA = 0.09ac</b>	MHL = P x MF/TA 4.6ft^3/ft^2 = 33in x 1ft/12in x 0.613ac/TA <b>TA = 0.37ac</b>	MHL = P x MF/TA 4.6ft^3/ft^2 = 33in x 1ft/12in x 0.11a TA = 0.066ac
AREA Binding decision decisio	Proposed Vegetative Filter Strips = 1.15ac	Proposed Vegetative Filter Strips = 0.10ac	Proposed Vegetative Filter Strips = 0.37ac	Proposed Vegetative Filter Strips
Badgending Look Cacadation Badgending Look Cacadation Rev of Selection (2016) (2016	AREA 2			
Sin Area 3-3300 Proceeding inspectors area - 1328406 (37 / 97 / 91 - 23280 (37 / 91 / 91 / 91 / 91 / 91 / 91 / 91 / 9	Background Load Calculations			
Proceedings of the set	Site Area = 3.352ac Existing Impervious Area = 1.262ac (37.6 % Imp) Proposed Impenvious Area = 1.824ac (54.4 % Imp)		and the second s	
All Silk Area - Mark No. 24 All Xiv y 26	$Rv = 0.546(IC)^{2} + 0.328(IC) + 0.030$ Rv Exist = 0.546(0.376)^{2} + 0.328(0.376) + 0.030 Rv Exist = 0.231	PROPOSED DETENTION POND		
<ul> <li>All Houses</li> &lt;</ul>	Au = Site Area - Impervious Area Au = $3.352ac - 1.262ac$ Au = $2.09ac$	144.8'		
Paid Devidence of the State of the Strips = 0.456 Strips = 0.476 Strips = 0.456 S	$L=P(Au \ge 0.54 + Ad \ge Rv \ge 38.4)$ $L=33(2.09 \ge 0.54 + 1.262 \ge 0.231 \ge 38.4)$	CONTRACTIVE FIL	TER STRIP	
Rev Da Stafic(2) 2 + 0.328/(C) + 0.030 Rev Prop = 0.546(544) 2 + 0.3280(544) + 0.030 Rev Prop = 0.546(544) 2 + 0.3280(544) + 0.030 L = 3 x528 x 3 x 3.37 x 38.4 L = 3 5728 x 53 x 3.37 x 38.4 L = 3 5728 x 540 L = 0.875 x 10.87 x 10.07 x 10.07 J = 9.1716 x 158 x 10.87 S = Forcion of Site Treated L = L x FS x 158 Removal Efforency 9319 = 15716 x 158 x 0.85 FS = 0.697 Iminum Frecho of Impervious Area that must be mered a: Required Treatment Area Met = 9 x M/TA T = 0.760cc Proposed Vegetative Pitter Strips = 0.77cc S = 1.8 S = 2. Proposed Vegetative Pitter Strips = 0.77cc S = 0.87 Iminum Frecho of Impervious Area that must be mered a: Required Treatment Area Met = 9 x M/TA T = 0.760cc Proposed Vegetative Pitter Strips = 0.77cc S = 0.87 S = 0.87 Met = 9 x M/TA T = 0.760cc Proposed Vegetative Pitter Strips = 0.77cc S = 0.87 Proposed Vegetative Pitter Strips = 0.77cc S = 0.87 S = 0.97 S	Post Development Load	VEGETATIVE 0.37 ACF	ES	
$L = 4 \times P \times Rv \times 38.4$ $L = 3 \times 2526 \times 33 \times 30.57 \times 38.4$ $L = 1 \times 757.6$ Required Reduction $Lr = 0 \times 757.6 \times 100.6$ $Lr = 1 \times 75 \times 10.5$ $Rr = 0 \times 10^{-1} \times 10^{-1$	$Rv = 0.546(IC)^{2} + 0.328(IC) + 0.030$ Rv Prop = 0.546(.544)^{2} + 0.328(0.544) + 0.030 Rv Prop = 0.37			
Required Reduction Lr = 0.6(FOxt Dev. Load) Lr = 0.6(Foxt Text Adv Sale = 171/6 x F5 x 0.05 FS = 0.697 x 10.24 Minimum Fraction of Impervious Area Minimum Hydraulic Loading = 4.6ft'3/m² Minimum Hydraulic Loading = 4.6ft'3/m² Minimum Hydraulic Loading = 4.6ft'3/m² Minimum Hydraulic Loading = 4.6ft'3/m² Minimum Hydraulic Loading = 4.0ft'3/m² Minimum Hydraulic Loa	$L = A \times P \times Rv \times 38.4$ $L = 3.352ac \times 33 \times 0.37 \times 38.4$ L = 1571.6			
Lr = 0.8(Post Dev. Load - Pre Dev. Load) Lr = 0.8(Fost Dev. Load - Pre Dev. Load) Lr = 9319 FS = Faction of Site Treated Lr = Li x FS x (TSS Removal Efficiency) 9319 = 1571 6 x FS x 0.85 FS = 0.697 Minimum Fraction of Impervious Area that must be treated is. MF = FS x Proposed Impervious Area that must be treated is. MF = FS x Proposed Impervious Area MF = 1271ac Required Treatment Area Maximum Hydraulic Loading = 4.6ft*3/ft*2 MHL = P x MF/TA 4.6ft*3/ft*2 = 0.77ec S-1 & S-2 Proposed Vegetative Filter Strips = 0.77ec S-1 & S-2 Model Strips = 0.77ec Model Strips = 0.77ec Model Strips = 0.77ec S-1 & S-2 Model Strips = 0.77ec Model Strips = 0.77ec Model Strips = 0.77ec S-1 & S-2 Model Strips = 0.77ec Model Strips = 0.77ec S-1 & S-2 Model Strips = 0.77ec No Strips = 0.	Required Reduction		Y	
FS = Fraction of Site Treated Lr = Lix FS x (TSS Removal Efficiency) 9319 = 1571.6 x FS x 0.85 FS = 0.697 Minimum Fraction of Impervious Area that must be readed is. MF = FS x Proposed Impervious Area MF = 0.097 x 1.824 MF = 1.271ac Required Treatment Area Maximum Hydraukic Loading = 4.6ft*3/ft*2 A 6ft*3/ft*2 = 33in x 1ft/12in x 1.271ac/TA TA = 0.700c Proposed Vegetative Filter Strips = 0.77ac S-1 & S-2 S-1 & S-2 AREA 4 Ta = 0.770c Ta = 0.700c Proposed Vegetative Filter Strips = 0.77ac	Lr = 0.8(Post Dev. Load - Pre Dev. Load) Lr = 0.8(1571.6 - 406.7) Lr = 931.9			DING
Lr = Li x FS x (TSS Removal Efficiency) 931.9 = 1571.8 x FS x 0.85 FS = 0.607 Minimum Fraction of Impervious Area that must be treated is. MF = 0.87 x 1.824 MF	FS = Fraction of Site Treated	— ·		SED BUILD
Minimum Fraction of Impervious Area that must be treated is. MF = FS x Proposed Impervious Area MF = 0.097 x 1.824 Required Treatment Area Maximum Hydraulic Loading = 4.6ft*3/ft*2 MHL = P x MFTA 4.6ft*3/ft*2 = 33in x ft/12in x 1.271ac/TA TA = 0.760ac Proposed Vegetative Filter Strips = 0.77ac S-1 & S-2 AREA 44 0 B 0 B 0 B 0 B 0 B 0 B 0 B 0 B	Lr = Li x FS x (TSS Removal Efficiency) 931.9 = 1571.6 x FS x 0.85 FS = 0.697		PROPO	
MF = FS x Proposed Impervious Area MF = 0.997 x 1.824 MF = 1.271ac Required Treatment Area Maximum Hydraulic Loading = 4.6ft*3/ft*2 MHL = P x MF/TA 4.6ft*3/ft*2 = 33in x fth/2in x 1.271ac/TA TA = 0.760ac Proposed Vegetative Filter Strips = 0.77ac S-1 & S-2 Friend Solution (S-1) Control (S-1) C	Minimum Fraction of Impervious Area that must be treated is.		E	0.120 FT
Required Treatment Area Maximum Hydraulic Loading = 4.6ft%3/ft%2 MHL = P × MF/TA 4.6ft%3/ft%2 = 33in x 1ft/12in x 1.271ac/TA TA = 0.760ac Proposed Vegetative Filter Strips = 0.77ac S-1 & S-2 AREA 4 B D AREA 5 AREA 4 B D AREA 4 B D AREA 4 B D AREA 4 B D AREA 5 AREA 4 B D AREA 5 AREA 4 B D AREA 5 AREA 5 AREA 5 AREA 4 B D AREA 5 AREA 5 A	MF = FS x Proposed Impervious Area MF = 0.697 x 1.824 MF = 1.271ac		PARON I EAS	100 O.
Maximum Hydraulic Loading = 4.6ft^3/ft^2 MHL = P x MF/TA 4.6ft^3/ft^2 = 33in x 1ft/12in x 1.271ac/TA TA = 0.760ac Proposed Vegetative Filter Strips = 0.77ac S-1 & S-2 Proposed Vegetative Filter Strips = 0.77ac	Required Treatment Area	1		THE AND
MHL = P x MF/TA 4.6ft*3/ft*2 = 33in x ft/12in x 1.271ac/TA TA = 0.760ac Proposed Vegetative Filter Strips = 0.77ac Proposed Vegetative Filter Strips = 0.77ac	Maximum Hydraulic Loading = 4.6ft^3/ft^2			55.0
Proposed Vegetative Filter Strips = 0.77ac	MHL = P x MF/TA 4.6ft^3/ft^2 = 33in x 1ft/12in x 1.271ac/TA <b>TA = 0.760ac</b>	S-1 & S-2	AREA 4	VEGETATIVE FILTE
LIMITS OF PROPOSED IMPROVEMENTS	Proposed Vegetative Filter Strips = 0.77ac			OOSED DRIVE SE
LIMITS OF PROPOSED IMPRO-S-3				PROVEMENTS
LIMITS OF PRO S-3			POPOSED	IMPRO
			LIMITS OF PRO	S-3-J



## Water Pollution Abatement Plan Application

### **Texas Commission on Environmental Quality**

for Regulated Activities on the Edwards Aquifer Recharge Zone and Relating to 30 TAC §213.5(b), Effective June 1, 1999

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

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

## Signature

To the best of my knowledge, the responses to this form accurately reflect all information requested concerning the proposed regulated activities and methods to protect the Edwards Aquifer. This **Water Pollution Abatement Plan Application Form** is hereby submitted for TCEQ review and Executive Director approval. The form was prepared by:

Print Name of Customer/Agent: Shane Klar, P.E

Date: 6/24/15

Signature of Customer/Agent:

Regulated Entity Name: \_\_\_\_\_

## **Regulated Entity Information**

1. The type of project is:

Residential: Number of Lots:\_\_\_\_\_
 Residential: Number of Living Unit Equivalents:\_\_\_\_\_
 Commercial
 Industrial
 Other:\_\_\_\_\_

- 2. Total site acreage (size of property): 15.39
- 3. Estimated projected population:85
- 4. The amount and type of impervious cover expected after construction are shown below:

Impervious Cover of Proposed Project	Sq. Ft.	Sq. Ft./Acre	Acres
Structures/Rooftops	16,220	÷ 43,560 =	0.37
Parking	124,575	÷ 43,560 =	2.86
Other paved surfaces	103,238	÷ 43,560 =	2.37
Total Impervious Cover	244,033	÷ 43,560 =	5.60

**Table 1 - Impervious Cover Table** 

Total Impervious Cover 5.60 + Total Acreage 15.39 X 100 = 36.4% Impervious Cover

- 5. Attachment A Factors Affecting Surface Water Quality. A detailed description of all factors that could affect surface water and groundwater quality that addresses ultimate land use is attached.
- 6. 🛛 Only inert materials as defined by 30 TAC §330.2 will be used as fill material.

## For Road Projects Only

Complete questions 7 - 12 if this application is exclusively for a road project.

7. Type of project:

TXDOT road project.

County road or roads built to county specifications.

City thoroughfare or roads to be dedicated to a municipality.

Street or road providing access to private driveways.

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

Concrete		
Asphaltic	concrete	pavement
Other:		

9. Length of Right of Way (R.O.W.): \_\_\_\_\_ feet.

Width of R.O.W.: \_\_\_\_\_ feet. L x W = \_\_\_\_\_  $Ft^2 \div 43,560 Ft^2/Acre = _____ acres.$ 

10. Length of pavement area: \_\_\_\_\_ feet.

Width of pavement area: \_\_\_\_\_ feet. L x W = \_\_\_\_  $Ft^2 \div 43,560 Ft^2/Acre = ____ acres.$ Pavement area \_\_\_\_\_ acres  $\div$  R.O.W. area \_\_\_\_\_ acres x 100 = \_\_\_\_% impervious cover.

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

A rest stop will not be included in this project.

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

### Stormwater to be generated by the Proposed Project

13. Attachment B - Volume and Character of Stormwater. A detailed description of the volume (quantity) and character (quality) of the stormwater runoff which is expected to occur from the proposed project is attached. The estimates of stormwater runoff quality and quantity are based on the area and type of impervious cover. Include the runoff coefficient of the site for both pre-construction and post-construction conditions.

### Wastewater to be generated by the Proposed Project

14. The character and volume of wastewater is shown below:

<u>100</u> % Domestic	<u>4,200</u> Gallons/day
% Industrial	Gallons/day
% Commingled	Gallons/day
TOTAL gallons/day <u>4,200</u>	

15. Wastewater will be disposed of by:

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

Attachment C - Suitability Letter from Authorized Agent. An on-site sewage facility will be used to treat and dispose of the wastewater from this site. The appropriate licensing authority's (authorized agent) written approval is attached. It states that the land is suitable for the use of private sewage facilities and will meet or exceed the requirements for on-site sewage facilities as specified under 30 TAC Chapter 285 relating to On-site Sewage Facilities.

Each lot in this project/development is at least one (1) acre (43,560 square feet) in size. The system will be designed by a licensed professional engineer or registered sanitarian and installed by a licensed installer in compliance with 30 TAC Chapter 285.

Sewage Collection System (Sewer Lines):

- Private service laterals from the wastewater generating facilities will be connected to an existing SCS.
- Private service laterals from the wastewater generating facilities will be connected to a proposed SCS.

The SCS was previously submitted on\_\_\_\_

The SCS was submitted with this application.

The SCS will be submitted at a later date. The owner is aware that the SCS may not be installed prior to Executive Director approval.

The sewage collection system will convey the wastewater to the <u>Gruene Wastewater</u> (name) Treatment Plant. The treatment facility is:

Х	Existing.
	Proposed

16. All private service laterals will be inspected as required in 30 TAC §213.5.

### Site Plan Requirements

### Items 17 – 28 must be included on the Site Plan.

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

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

18. 100-year floodplain boundaries:

$\boxtimes$ 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): \_\_\_\_\_

19. The layout of the development is shown with existing and finished contours at appropriate, but not greater than ten-foot contour intervals. Lots, recreation centers, buildings, roads, open space, etc. are shown on the plan.

The layout of the development is shown with existing contours at appropriate, but not greater than ten-foot intervals. Finished topographic contours will not differ from the existing topographic configuration and are not shown. Lots, recreation centers, buildings, roads, open space, etc. are shown on the site plan.

20. All known wells (oil, water, unplugged, capped and/or abandoned, test holes, etc.):

There are \_\_\_\_\_ (#) wells present on the project site and the locations are shown and labeled. (Check all of the following that apply)

The wells are not in use and have been properly abandoned.

The wells are not in use and will be properly abandoned.

The wells are in use and comply with 16 TAC §76.

There are no wells or test holes of any kind known to exist on the project site.

- 21. Geologic or manmade features which are on the site:
  - All sensitive geologic or manmade features identified in the Geologic Assessment are shown and labeled.
  - No sensitive geologic or manmade features were identified in the Geologic Assessment.
    - Attachment D Exception to the Required Geologic Assessment. A request and justification for an exception to a portion of the Geologic Assessment is attached.

- 22. X The drainage patterns and approximate slopes anticipated after major grading activities.
- 23. 🖂 Areas of soil disturbance and areas which will not be disturbed.
- 24. 🔀 Locations of major structural and nonstructural controls. These are the temporary and permanent best management practices.
- 25. 🛛 Locations where soil stabilization practices are expected to occur.
- 26. Surface waters (including wetlands).

🖂 N/A

- 27. Locations where stormwater discharges to surface water or sensitive features are to occur.
  - There will be no discharges to surface water or sensitive features.
- 28. 🔀 Legal boundaries of the site are shown.

## Administrative Information

- 29. Submit one (1) original and one (1) copy of the application, plus additional copies as needed for each affected incorporated city, groundwater conservation district, and county in which the project will be located. The TCEQ will distribute the additional copies to these jurisdictions. The copies must be submitted to the appropriate regional office.
- 30. Any modification of this WPAP will require Executive Director approval, prior to construction, and may require submission of a revised application, with appropriate fees.

### ATTACHMENT "A" Factors Affecting Water Quality

The development will consist of a 3 building structures totaling approximately 16,220 square feet, and associated parking with a Rainwater Harvesting System and Vegetative Filter Strips. This will result in minimal to no pollution from the site. Some pollution may originate from automobile wastes and cleaning chemicals which may have an effect on surface water by sediments leaving the site after a rainfall event.

### <u>ATTACHMENT "B"</u> Volume and Character of Stormwater

The development of this site will result in a minimal increase in stormwater run-off. Onsite stormwater within the building area will be captured and treated by a Rainwater Harvesting System and the remaining parking and drives will drain to Vegetative Filter strips. All existing drainage patterns will remain.

The drainage onsite will continue maintain existing drainage patterns.

### <u>ATTACHMENT "C"</u> Suitability Letter from Authorized Agent

There is no proposed OSSF.

### <u>ATTACHMENT "D"</u> Exception to the Required Geologic Assessment

No exception will be requested.





### SILT FENCE MATERIALS:

- 1. SILT FENCE MATERIAL SHOULD BE POLYPROPYLENE, POLYETHYLENE OR POLYAMIDE WOVEN OR NONWOVEN FABRIC. THE FABRIC WIDTH 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 NO. 30.
- 2. FENCE POSTS SHOULD BE MADE OF HOT ROLLED STEEL, AT LEAST 4 FEET LONG WITH TEE OR YBAR CROSS SECTION, SURFACE PAINTED OR GALVANIZED, MINIMUM NOMINAL WEIGHT 1.25 LB/FT2, 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. POST 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. 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 WDE TO ALLOW FOR THE SILT FENCE
- FABRIC TO BE LAID IN THE GROUND AND BACKFILLED WITH COMPACTED MATERIAL. 5. 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. SILT FENCE SHOULD BE REMOVED WHEN THE SITE IS COMPLETELY STABILIZED SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.

## INSPECTION AND MAINTENANCE GUIDELINES:

- INSPECT ALL FENCING WEEKLY, AND AFTER ANY RAINFALL. REMOVE SEDIMENT WHEN BUILDUP REACHES 6 INCHES.
- REPLACE ANY TORN FABRIC OR INSTALL A SECOND LINE OF FENCING PARALLEL TO THE TORN SECTION. REPLACE OR REPAIR ANY 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. 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.



## STABILIZED CONSTRUCTION ENTRANCE / EXIT

MATERIALS:

- THE AGGREGATE SHOULD CONSIST OF 4 TO 8 INCH WASHED STONE OVER A STABLE FOUNDATION AS
- SPECIFIED IN THE PLAN. THE AGGREGATE SHOULD BE PLACED WITH A MINIMUM THICKNESS OF 8 INCHES.
- 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 RACK SHOULD BE INCLUDED IN THE PLANS. DIVERT WASTEWATER TO A SEDIMENT TRAP OR BASIN. 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. THE MINIMUM WIDTH OF THE ENTRANCE/EXIT SHOULD BE 12 FEET OR THE FULL WIDTH OF EXIT ROADWAY, WHICHEVER IS GREATER.
- THE CONSTRUCTION ENTRANCE SHOULD BE AT LEAST 50 FEET LONG. 4. IF THE SLOPE TOWARD THE ROAD EXCEEDS 2%, CONSTRUCT A RIDGE, 6 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 DIVERT ALL SURFACE RUNOFF AND DRAINAGE FROM THE STONE PAD TO A SEDIMENT TRAP OR BASIN. 8. INSTALL PIPE UNDER PAD AS NEEDED TO MAINTAIN PROPER PUBLIC ROAD DRAINAGE.

- INSPECTION AND MAINTENANCE GUIDELINES:
- THE ENTRANCE SHOULD BE MAINTAINED IN A CONDITION, WHICH WILL PREVENT TRACKING OR LOWING 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
- ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY SHOULD BE REMOVED IMMEDIATELY BY CONTRACTOR.
- 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.



MATERIALS:



SILT REMOVED.

## HYDRAULIC MULCH MATERIALS:

HYDRAULIC MULCHES: WOOD FIBER MULCH CAN BE APPLIED ALONE OR AS A COMPONENT OF HYDRAULIC MATRICES. WOOD FIBER APPLIED ALONE IS TYPICALLY APPLIED AT THE RATE OF 2,000 TO 4,000 LB/ACRE. WOOD FIBER MULCH IS MANUFACTURED FROM WOOD OR WOOD WASTE FROM LUMBER MILLS OR FROM URBAN SOURCES. HYDRAULIC MATRICES: HYDRAULIC MATRICES INCLUDE A MIXTURE OF WOOD FIBER AND ACRYLIC POLYMER OR

COMPLETE COVERAGE OF THE TARGET AREA: 2,000 TO 4,000 LB/ACRE WOOD FIBER MULCH, AND 5 TO 10% (BY WEIGHT) OF TACKIFIER (ACRYLIC COPOLYMER, GUAR, PSYLLIUM, ETC.) BONDED FIBER MATRIX: BONDED FIBER MATRIX (BFM) IS A HYDRAULICALLY APPLIED SYSTEM OF FIBERS AND ADHESIVES THAT UPON DRYING FORMS AN EROSION RESISTANT BLANKET THAT PROMOTES VEGETATION, AND PREVENTS SOIL EROSION. BFMS ARE TYPICALLY APPLIED AT RATES FROM 3,000 LB/ACRE TO 4,000 LB/ACRE BASED ON THE MANUFACTURER'S RECOMMENDATION. A BIODEGRADABLE BFM IS COMPOSED OF MATERIALS THAT ARE 100% BIODEGRADABLE. THE BINDER IN THE BFM SHOULD ALSO BE BIODEGRADABLE AND SHOULD NOT DISSOLVE OR DISPERSE UPON RE-WETTING. TYPICALLY, BIODEGRADABLE BFMS SHOULD NOT BE APPLIED IMMEDIATELY BEFORE, DURING OR IMMEDIATELY AFTER RAINFALL IF THE SOIL IS SATURATED. DEPENDING ON THE PRODUCT, BFMS TYPICALLY REQUIRE 12 TO 24 HOURS TO DRY AND BECOME EFFECTIVE.

INSTALLATION:



DAMAGE

## **ROCK BERM**

1. THE BERM STRUCTURE SHOULD BE SECURED WITH A WOVEN WIRE SHEATHING HAVING MAXIMUM OPENING OF 11 INCH AND A MINIMUM WIRE DIAMETER OF 20 GAUGE GALVANIZED AND SHOULD BE SECURED WITH SHOAT 2. CLEAN, OPEN GRADED 3 - 5 INCH DIAMETER ROCK SHOULD BE USED, EXCEPT IN AREAS WHERE HIGH VELOCITIES OR LARGE VOLUMES OF FLOW ARE EXPECTED, WHERE 5 - 8 INCH DIAMETERS ROCKS MAY BE

1. LAY OUT THE WOVEN WIRE SHEATHING PERPENDICULAR TO THE FLOW LINE. THE SHEATHING SHOULD BE 20 GAUGE WOVEN WIRE MESH WITH 1 INCH OPENINGS BERM SHOULD HAVE A TOP WIDTH OF 2 FEET WITH SIDE SLOPES BEING 2:1 (H: V) OR FLATTER PLACE THE ROCK ALONG THE SHEATHING AS SHOWN IN THE DIAGRAM, TO A HEIGHT OF NOT LESS THAN 18

4. WRAP THE WIRE SHEATHING AROUND THE ROCK AND SECURE WITH TIE WIRE SO THAT THE ENDS OF THE SHEATHING OVERLAPS AT LEAST 2 INCHES, AND THE BERM RETAINS ITS SHAPE WHEN WALKED UPON BERM SHOULD BE BUILT ALONG THE CONTOUR AT ZERO PERCENT GRADE OR AS NEAR AS POSSIBLE.

6. THE ENDS OF THE BERM SHOULD BE TIED INTO EXISTING UPSLOPE GRADE AND THE BERM SHOULD BE BURIED IN A TRENCH APPROXIMATELY 3 TO 4 INCHES DEEP TO PREVENT FAILURE OF THE CONTROL. INSPECTION AND MAINTENANCE GUIDELINES:

1. INSPECTION SHOULD BE MADE WEEKLY AND AFTER EACH RAINFALL. REPAIR OR REPLACEMENT SHOULD BE MADE PROMPTLY AS NEEDED BY CONTRACTOR. 2. REMOVE SEDIMENT AND OTHER DEBRIS WHEN BUILDUP REACHES 6" AND DISPOSE OF THE ACCUMULATED SILT IN AN APPROVED MANNER THAT WILL NOT CAUSE ANY ADDITIONAL SILTATION. REPAIR ANY LOOSE WIRE SHEATHING.

THE BERM SHOULD BE RESHAPED AS NEEDED DURING INSPECTION. 5. THE BERM SHOULD BE REPLACED WHEN STRUCTURE CEASES TO FUNCTION AS INTENDED DUE TO SILT ACCUMULATION AMONG THE ROCKS, WASHOUT, CONSTRUCTION TRAFFIC DAMAGE, ETC. 6. THE ROCK BERM SHOULD BE LEFT IN PLACE UNTIL ALL UPSTREAM AREAS ARE STABILIZED AND ACCUMULATED



ISOMETRIC PLAN VIEW

OTHER TACKIFIER AS BINDER. APPLY AS A LIQUID SLURRY USING A HYDRAULIC APPLICATION MACHINE (I.E., HYDRO SEEDER) AT THE FOLLOWING MINIMUM RATES, OR AS SPECIFIED BY THE MANUFACTURER TO ACHIEVE

1. PRIOR TO APPLICATION, ROUGHEN EMBANKMENT AND FILL AREAS BY ROLLING WITH A CRIMPING OR PUNCHING TYPE ROLLER OR BY TRACK WALKING. TRACK WALKING SHALL ONLY BE USED WHERE OTHER METHODS ARE 2. TO BE EFFECTIVE, HYDRAULIC MATRICES REQUIRE 24 HOURS TO DRY BEFORE RAINFALL OCCURS. 3. AVOID MULCH OVER SPRAY ONTO ROADS, SIDEWALKS, DRAINAGE CHANNELS, EXISTING VEGETATION, ETC. INSPECTION AND MAINTENANCE GUIDELINES:

1. MULCHED AREAS SHOULD BE INSPECTED WEEKLY AND AFTER EACH RAIN EVENT TO LOCATE AND REPAIR ANY 2. AREAS DAMAGED BY STORMS OR NORMAL CONSTRUCTION ACTIVITIES SHOULD BE REGRADED AND HYDRAULIC MULCH REAPPLIED AS SOON AS PRACTICAL.

.	SOIL	STABIL	IZATION	NOTE
1			1111111	1997 - 191

ALL DISTURBED SOILS SHOULD BE SEEDED OR OTHERWISE STABILIZED WITH 14 CALENDAR DAYS AFTER FINAL GRADING OR WHERE CONSTRUCTION ACTIVITY HAS TEMPORARILY CEASED FOR MORE THAN 21 DAYS.

	Know	what's befor SHANE 1158	be e you KLAF		V. g.	
	ISSUES AND REVISIONS					
	NO DATE		IS A	30		
8.	TA MOFILE	& ASSOCIATE	Engineering Solution	N. WALNUT AVE. STE B, NEW BRAUNFELS, TX. 78	PH: 830-556-7127 www.mg-tx.com TBPE FIRM F-13351	
ER UC D N ER ER	WPAP DETAILS			PERMIT SET 1040		
er DN	T BAR M CAMP	IMPROVEMENTS		NEW BRAUNFELS. TX 78130		
AL	SHE	ET	2			

OF

© COPYRIGHT 2012

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER POLLUTION ABATEMENT PLAN GENERAL CONSTRUCTION NOTES

- 1. WRITTEN CONSTRUCTION NOTIFICATION MUST BE GIVEN TO THE APPROPRIATE TCEQ REGIONAL OFFICE NO LATER THAN 48 HOURS PRIOR TO COMMENCEMENT OF THE REGULATED ACTIVITY. INFORMATION MUST 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 AND THE NAME AND TELEPHONE NUMBER OF THE CONTACT PERSON.
- 2. ALL CONTRACTORS CONDUCTING REGULATED ACTIVITIES ASSOCIATED WITH THIS PROJECT MUST BE PROVIDED WITH COMPLETE COPIES OF THE APPROVED WATER POLLUTION ABATEMENT PLAN AND THE TCEQ LETTER INDICATING THE SPECIFIC CONDITIONS OF ITS APPROVAL. DURING THE COURSE OF THESE REGULATED ACTIVITIES, THE CONTRACTORS ARE REQUIRED TO KEEP ON-SITE COPIES OF THE APPROVED PLAN AND APPROVAL LETTER
- 3. IF ANY SENSITIVE FEATURE IS DISCOVERED DURING CONSTRUCTION, ALL REGULATED ACTIVITIES NEAR THE SENSITIVE FEATURE MUST BE SUSPENDED IMMEDIATELY. THE APPROPRIATE TCEQ REGIONAL OFFICE MUST BE IMMEDIATELY NOTIFIED OF ANY SENSITIVE FEATURES ENCOUNTERED DURING CONSTRUCTION. THE REGULATED ACTIVITIES NEAR THE SENSITIVE FEATURE MAY NOT PROCEED UNTIL THE TCEQ HAS REVIEWED AND APPROVED THE METHODS PROPOSED TO PROTECT THE SENSITIVE FEATURE AND THE EDWARDS AQUIFE FROM ANY POTENTIALLY ADVERSE IMPACTS TO WATER QUALITY.
- 4. NO TEMPORARY ABOVEGROUND HYDROCARBON AND HAZARDOUS SUBSTANCE STORAGE TAI SYSTEM IS INSTALLED WITHIN 150 FEET OF A DOMESTIC, INDUSTRIAL, IRRIGATION, OR PUBL WATER SUPPLY WELL, OR OTHER SENSITIVE FEATURE.
- 5. PRIOR TO COMMENCEMENT OF CONSTRUCTION, ALL TEMPORARY EROSION AND SEDIMENTATION (E&S) CONTROL MEASURES MUST BE PROPERLY SELECTED, INSTALLED, AN MAINTAINED IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS AND GOOD ENGINEERING PRACTICES. CONTROLS SPECIFIED IN THE TEMPORARY STORM WATER SECTION OF THE APPROVED EDWARDS AQUIFER PROTECTION 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.
- 6. 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).
- 7. SEDIMENT MUST BE REMOVED FROM SEDIMENT TRAPS OR SEDIMENTATION PONDS NOT LAT 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.
- 8. 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).
- 9. ALL SPOILS (EXCAVATED MATERIAL) GENERATED FROM THE PROJECT SITE MUST BE STORE ON-SITE WITH PROPER E&S CONTROLS. FOR STORAGE OR DISPOSAL OF SPOILS AT ANOTHER SITE ON THE EDWARDS AQUIFER RECHARGE ZONE, THE OWNER OF THE SITE MU RECEIVE APPROVAL OF A WATER POLLUTION ABATEMENT PLAN FOR THE PLACEMENT OF FILL MATERIAL OR MASS GRADING PRIOR TO THE PLACEMENT OF SPOILS AT THE OTHER
- 10. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS O THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED BUT IN NO CASE MORE THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED. WHERE THE INITIATION OF STABILIZATION MEASURES BY THE 14TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORAL OR PERMANENTLY CEASE IS PRECLUDED BY WEATHER CONDITIONS, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE. WHERE CONSTRUCTION ACTIVITY ON A PORTION OF THE SITE IS TEMPORARILY CEASED, AND EARTH DISTURBING ACTIVITIES WILL BE RESUMED WITHIN 21 DAYS, TEMPORARY STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF SITE. IN AREAS EXPERIENCING DROUGHTS WHERE THE INITIATION OF STABILIZATION MEASURES BY THE 14TH DAY AFT CONSTRUCTION ACTIVITY HAS TEMPORARILY OR PERMANENTLY CEASED IS PRECLUDED BY SEASONAL ARID CONDITIONS, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE.
- 11. THE FOLLOWING RECORDS SHALL BE MAINTAINED AND MADE AVAILABLE TO THE TCEQ UP 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. THE HOLDER OF ANY APPROVED EDWARD AQUIFER PROTECTION 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 WATER POLLUTION ABATEMENT STRUCTURE(S), INCLUDING BUT NOT LIMITED TO PONDS, DAMS, BERMS, SEWAGE TREATMENT PLANTS, AND DIVERSIONARY STRUCTURES;
- B. ANY CHANGE IN THE NATURE OR CHARACTER OF THE REGULATED ACTIVITY FROM TH WHICH WAS ORIGINALLY APPROVED OR A CHANGE WHICH WOULD SIGNIFICANTLY IMPAC THE ABILITY OF THE PLAN TO PREVENT POLLUTION OF THE EDWARDS AQUIFER;
- C. ANY DEVELOPMENT OF LAND PREVIOUSLY IDENTIFIED AS UNDEVELOPED IN THE ORIGIN/ WATER POLLUTION ABATEMENT PLAN.

AUSTIN REGIONAL OFFICE SAN ANTONIO REGIONAL OFFICE 2800 S. IH 35, SUITE 100 14250 JUDSON ROAD AUSTIN, TEXAS 78704-5712 SAN ANTONIO, TEXAS 78233-4480 PHONE (512) 339-2929 PHONE (210) 490-3096 FAX (512) 339-3795 FAX (210) 545-4329

Basin	Area (AC)	Exsitng Imp. Cover (ft <sup>2</sup> )	Proposed Imp. Cover (ft <sup>2</sup> )	BMP
1	5.88	6,050	124,575	VFS
2	6.94	105,095	76,483	NONE
3	1.34	. 10,979	58,513	VFS/Rainwater Harvesting
4	1.23	0	4,400	Rainwater Harvesting



\_\_\_\_ M \_\_\_\_

<sup>©</sup> COPYRIGHT 2012

## **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: Shane Klar, P.E.

Date: 6/24/15

Signature of Customer/Agent:

Regulated Entity Name: T Bar M

## **Project Information**

## Potential Sources of Contamination

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

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

The following fuels and/or hazardous substances will be stored on the site: \_\_\_\_\_

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

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

Aboveground storage tanks with a cumulative storage capacity between 250 gallons and 499 gallons will be stored on the site for less than one (1) year.
 Aboveground storage tanks with a cumulative storage capacity of 500 gallons or more will be stored on the site. An Aboveground Storage Tank Facility Plan application must be submitted to the appropriate regional office of the TCEQ prior to moving the tanks onto the project.

Fuels and hazardous substances will not be stored on the site.

- 2. Attachment A Spill Response Actions. A site specific description of the measures to be taken to contain any spill of hydrocarbons or hazardous substances is attached.
- 3. Temporary aboveground storage tank systems of 250 gallons or more cumulative storage capacity must be located a minimum horizontal distance of 150 feet from any domestic, industrial, irrigation, or public water supply well, or other sensitive feature.
- 4. Attachment B Potential Sources of Contamination. A description of any activities or processes which may be a potential source of contamination affecting surface water quality is attached.

### Sequence of Construction

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

	<ul> <li>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.</li> <li>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.</li> <li>A description of how BMPs and measures will prevent pollutants from entering surface streams, sensitive features, or the aquifer.</li> <li>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. TCFO inspections, and uring avecauation, blasting, or</li> </ul>
8.	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.
	<ul> <li>Attachment E - Request to Temporarily Seal a Feature. A request to temporarily seal a feature is attached. The request includes justification as to why no reasonable and practicable alternative exists for each feature.</li> <li>There will be no temporary sealing of naturally-occurring sensitive features on the site.</li> </ul>
9. 🔀	Attachment F - Structural Practices. A description of the structural practices that will be used to divert flows away from exposed soils, to store flows, or to otherwise limit runoff discharge of pollutants from exposed areas of the site is attached. Placement of structural practices in floodplains has been avoided.
10. 🛛	Attachment G - Drainage Area Map. A drainage area map supporting the following requirements is attached:
	<ul> <li>For areas that will have more than 10 acres within a common drainage area disturbed at one time, a sediment basin will be provided.</li> <li>For areas that will have more than 10 acres within a common drainage area disturbed at one time, a smaller sediment basin and/or sediment trap(s) will be used.</li> <li>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.</li> <li>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.</li> </ul>

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.



LEGEND	811
LIMITS OF DRAINAGE BASIN	
LIMITS OF SUB-DRAINAGE AREA	Know what's below
- TC - TC - TIME OF CONCENTRATION	Call before you dig.
- 900 - EXISTING CONTOURS	
900 PROPOSED CONTOURS	
FLOW ARROWS	
A DRAINAGE BASIN LABEL	
9.0 BASIN AREA (AC)	S I
AI SUB-DRAINAGE AREA LABEL SUB-DRAINAGE AREA (AC)	EVISIO
AI INLET LABEL	UN IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
ANALYSIS POINT LABEL	ISSUES A
٨	
Ĩ	DATE
Ŵ	
1	THE THE
<u> </u>	Solu
	E C C C C C C C C C C C C C C C C C C C
	New New
	Bin AA
	En En Sasa
	LINUT . B30
	1040
	AP
	A
	E RE
	MITS
	AGI
	NIX
	NR/
	ITS 115
	NEN AN
	M M O
	AR
	APF W BR
	N N
	SHEET
	1

OF 1

### ATTACHMENT "A" Spill Response Actions

Spill Prevention and Control

The objective of this section is to describe measures to prevent or reduce the discharge of pollutants to drainage systems or watercourses from leaks and spills by reducing the chance for spills, stopping the source of spills, containing and cleaning up spills, properly disposing of spill materials, and training employees.

The following steps will help reduce the stormwater impacts of leaks and spills:

### Education

(1) Be aware that different materials pollute in different amounts. Make sure that each employee knows what a "significant spill" is for each material they use, and what is the appropriate response for "significant" and "insignificant" spills. Employees should also be aware of when spills must be reported to the TCEQ. Information available in 30 TAC 327.4 and 40 CFR 302.4.

(2) Educate employees and subcontractors on potential dangers to humans and the environment from spills and leaks.

(3) Hold regular meetings to discuss and reinforce appropriate disposal procedures (incorporate into regular safety meetings).

(4) Establish a continuing education program to indoctrinate new employees.

(5) Have contractor's superintendent or representative oversee and enforce proper spill prevention and control measures.

### **General Measures**

(1) To the extent that the work can be accomplished safely, spills of oil, petroleum products, and substances listed under 40 CFR parts 110,117, and 302, and sanitary and septic wastes should be contained and cleaned up immediately.

(2) Store hazardous materials and wastes in covered containers and protect from vandalism.

(3) Place a stockpile of spill cleanup materials where it will be readily accessible.

(4) Train employees in spill prevention and cleanup.

(5) Designate responsible individuals to oversee and enforce control measures.

(6) Spills should be covered and protected from stormwater runoff during rainfall to the extent that it doesn't compromise clean up activities.

(7) Do not bury or wash spills with water.

(8) Store and dispose of used clean up materials, contaminated materials, and recovered spill material that is no longer suitable for the intended purpose in conformance with the provisions in applicable BMP's.

(9) Do not allow water used for cleaning and decontamination to enter storm drains or watercourses. Collect and dispose of contaminated water in accordance with applicable regulations.

(10) Contain water overflow or minor water spillage, and do not allow it to discharge into drainage facilities or watercourses.

(11) Place Material Safety Data Sheets (MSDS), as well as proper storage, cleanup, and spill reporting instructions for hazardous materials stored or used on the project site in an open, conspicuous, and accessible location.

(12) Keep waste storage areas clean, well organized, and equipped with ample cleanup supplies as appropriate for the materials being stored. Perimeter controls, containment structures, covers, and liners should be repaired or replaced as needed to maintain proper function.

### Cleanup

(1) Clean up leaks and spills immediately.

(2) Use a rag for small spills on paved surfaces, a damp mop for general cleanup, and absorbent material for larger spills. If the spilled material is hazardous, then the used cleanup materials are also hazardous and must be disposed of as hazardous waste.

(3) Never hose down or bury dry material spills. Clean up as much of the material as possible and dispose of properly. See the waste management BMP's in this section for specific information.

### **Minor Spills**

(1) Minor spills typically involve small quantities of oil, gasoline, paint, etc. which can be controlled by the first responder at the discovery of the spill.

(2) Use absorbent materials on small spills rather than hosing down or burying the spill.

(3) Absorbent materials should be promptly removed and disposed of properly.

T Bar M Improvements Water Pollution Abatement Plan Modification Temporary Stormwater Section

(4) Follow the practice below for a minor spill:

(5) Contain the spread of the spill.

(6) Recover spilled materials.

(7) Clean the contaminated area and properly dispose of contaminated materials.

### Semi-Significant Spills

Semi-significant spills still can be controlled by the first responder along with the aid of other personnel such as laborers and the foreman, etc. This response may require the cessation of all other activities.

Spills should be cleaned up immediately:

(1) Contain spread of the spill.

(2) Notify the project foreman immediately.

(3) If the spill occurs on paved or impermeable surfaces, clean up using "dry" methods (absorbent materials, cat litter and/or rags). Contain the spill by encircling with absorbent materials and do not let the spill spread widely.

(4) If the spill occurs in dirt areas, immediately contain the spill by constructing an earthen dike. Dig up and properly dispose of contaminated soil.

(5) If the spill occurs during rain, cover spill with tarps or other material to prevent contaminating runoff.

### Significant/Hazardous Spills

For significant or hazardous spills that are in reportable quantities:

(1) Notify the TCEQ by telephone as soon as possible and within 24 hours at 512-339-2929 (Austin) or 210-490-3096 (San Antonio) between 8 AM and 5 PM. After hours, contact the Environmental Release Hotline at 1-800-832-8224. It is the contractor's responsibility to have all emergency phone numbers at the construction site.

(2) For spills of federal reportable quantities, in conformance with the requirements in 40 CFR parts 110,119, and 302, the contractor should notify the National Response Center at (800) 424-8802.

(3) Notification should first be made by telephone and followed up with a written report.

(4) The services of a spills contractor or a Haz-Mat team should be obtained immediately. Construction personnel should not attempt to clean up until the appropriate and qualified staffs have arrived at the job site.

(5) Other agencies which may need to be consulted include, but are not limited to, the City Police Department, County Sheriff Office, Fire Departments, etc.

More information on spill rules and appropriate responses is available on the TCEQ website at: http://www.tnrcc.state.tx.us/enforcement/emergency\_response.html

### Vehicle and Equipment Maintenance

(1) If maintenance must occur onsite, use a designated area and a secondary containment, located away from drainage courses, to prevent the runoff of stormwater and the runoff of spills.

(2) Regularly inspect onsite vehicles and equipment for leaks and repair immediately

(3) Check incoming vehicles and equipment (including delivery trucks, and employee and subcontractor vehicles) for leaking oil and fluids. Do not allow leaking vehicles or equipment onsite.

(4) Always use secondary containment, such as a drain pan or drop cloth, to catch spills or leaks when removing or changing fluids.

(5) Place drip pans or absorbent materials under paving equipment when not in use.

(6) Use absorbent materials on small spills rather than hosing down or burying the spill. Remove the absorbent materials promptly and dispose of properly.

(7) Promptly transfer used fluids to the proper waste or recycling drums. Don't leave full drip pans or other open containers lying around.

(8) Oil filters disposed of in trashcans or dumpsters can leak oil and pollute stormwater. Place the oil filter in a funnel over a waste oil-recycling drum to drain excess oil before disposal. Oil filters can also be recycled. Ask the oil supplier or recycler about recycling oil filters.

(9) Store cracked batteries in a non-leaking secondary container. Do this with all cracked batteries even if you think all the acid has drained out. If you drop a battery, treat it as if it is cracked. Put it into the containment area until you are sure it is not leaking.

### Vehicle and Equipment Fueling

(1) If fueling must occur on site, use designated areas, located away from drainage courses, to prevent the runoff of stormwater and the runoff of spills.

(2) Discourage "topping off" of fuel tanks.

(3) Always use secondary containment, such as a drain pan, when fueling to catch spills/ leaks.

### <u>ATTACHMENT "B"</u> Potential Sources of Contamination

The only potential sources of contamination are construction equipment leaks, re-fueling spills, port-o-lets, and the total suspended solids (TSS) due to the construction activities on-site. There are no other anticipated potential sources of contamination.

### ATTACHMENT "C" Sequence of Major Activities

Stages of Construction:

- 1. Installation of temporary BMP's.
- 2. Minor site grading: This includes the removal of organic material and other debris within the proposed parking and building site. Approximate total disturbed area = not more than  $\frac{1}{2}$  the entire site at any given time.
- 3. Grading: Cutting and filling of the proposed site to prepare the site for parking and foundation construction. Approximate total disturbed area = not more than ½ the entire site at any given time.
- 4. Utility installation: All primary utility mains have already been installed and are available at the site. Sewer, water, gas, and electrical services will be installed at this time.
- 5. Finished grading: Final landscaping, Parking and building infrastructure are installed. Approximate total disturbed area = 5.80 acres.

### <u>ATTACHMENT "D"</u> Temporary BMP's and Measures

The following sequence will be followed for installing temporary BMP's:

- 1. Silt fence will be constructed on the downgradient side of proposed site.
- 2. A stabilized construction exit will be installed prior to any site work.

A. Silt Fence will be installed on the most downgradient side of the site and will reduce potential pollution from any stormwater that originates onsite or offsite. A stabilized construction exit will be constructed at the entrance of the site; this will reduce the amount of contaminants leaving the site.

B. Silt fence will be placed on the downgradient side of each proposed improvement to contain pollutants generated from onsite runoff. Disturbed areas will be seeded to replace destroyed vegetation. The existing vegetation located downgradient of each proposed improvement will work in conjunction with the silt fence, rock berms, and stabilized construction entrance to prevent pollution of water originating onsite and/or flowing offsite.

T Bar M Improvements Water Pollution Abatement Plan Modification Temporary Stormwater Section

C. The proposed silt fences, and stabilized construction entrance constructed upgradient of the existing streams will prevent pollutants from entering them, as well as the aquifer. According to the Geologic Assessment, there are no sensitive features with the project boundary.

D. There were no sensitive features identified in the Geologic Assessment.

### <u>ATTACHMENT "E"</u> Request to Temporarily Seal a Feature

There will be no request to temporarily seal a feature.

### ATTACHMENT "F" Structural Practices

Stabilized Construction Exit and Silt fence will be used to protect disturbed soils and to prevent contamination from leaving the project site.

### ATTACHMENT "G" Drainage Area Map

See Drainage Area Map at the end of this section.

### <u>ATTACHMENT "H"</u> Temporary Sediment Pond Plans and Calculations

There will not be more than 10 acres of disturbed soil in one common drainage area that will occur at one time. Silt fence will be used for small drainage areas. No sediment ponds will be constructed due to the minimal amount of soil disturbance.

### <u>ATTACHMENT "I"</u> Inspection and Maintenance for BMP's

### Inspection and Maintenance Plan

The contractor is required to inspect the control and fences at weekly intervals and after any rainfall events to insure that they are functioning properly. The contractor is required to document any changes on the Site Plan, documentation must include person performing task, task performed, and date. The contractor must also document if proper inspection measures have been taken while making changes. The person(s) responsible for maintenance controls and fences shall immediately make any necessary repairs to damaged areas.

<u>Temporary Construction Entrance/Exit:</u> 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. All sediment spilled, dropped, washed or tracked onto

### T Bar M Improvements

## Water Pollution Abatement Plan Modification

public rights-of-way should be removed immediately by contractor. When necessary, wheels should be cleaned to remove sediment prior to entrance onto public right-of-way. 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. All sediment should be prevented from entering any storm drain, ditch or water course by using approved methods.

<u>Silt Fence:</u> Remove sediment when buildup reaches 6 inches. Replace any torn fabric or install a second line of fencing parallel to the torn section. Replace or repair any 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. 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.

TCEQ staff will be allowed full access to the property during construction of the project for inspecting controls and fences and to verify that the accepted plan is being utilized in the field. TCEQ staff has the right to speak with the contractor to verify plan changes and modifications.

<u>Documentation:</u> All scheduled inspection and maintenance measures made to the temporary BMPs must be documented clearly on the WPAP Site Plan showing inspection/maintenance measures performed, date, and person responsible for inspection and maintenance. Any changes made to the location or type of controls shown on the accepted plans, due to onsite conditions, shall be documented on the site plan that is part of this Water Pollution Abatement Plan. No other changes shall be made unless approved by TCEQ and the Design Engineer. Documentation shall clearly show changes made, date, person responsible for the change, and the reason for the change.

### **Owner's Information:**

Owner:	Center For Christian Growth, Inc.
Contact:	David Thiel
Phone:	(830) 625-2164
Address:	2549 Hwy 46 W
	New Braunfels, Texas 78132

### **Design Engineer:**

Company:	Moeller & Associates		
Contact:	<u>Shane Klar, P.E.</u>		
Phone:	<u>(830) 358-7127</u>		
Address:	1040 N. Walnut Ave., Ste. B		

T Bar M Improvements Water Pollution Abatement Plan Modification

New Braunfels, Texas 78130

### Person or Firm Responsible for Erosion/Sedimentation Control Maintenance:

Company:		
Contact:		
Phone:		
Address:	 	

Signature of Responsible Party:

# This portion of the form shall be filled out and signed by the responsible party prior to construction.
#### <u>ATTACHMENT "J"</u> Schedule of Interim and Permanent Soil Stabilization Practices

Areas which are disturbed by construction staging and storage areas will be hydro mulched with the appropriate seed mixture. Areas between the edge of pavement and property line will also by hydro mulched. There will be no fill slopes exceeding a 3:1 slope, and all fill slopes will be hydro mulched. Installation and acceptable mixtures of hydro mulch are as follows:

### Materials:

<u>Hydraulic Mulches:</u> Wood fiber mulch can be applied alone or as a component of hydraulic matrices. Wood fiber applied alone is typically applied at the rate of 2,000 to 4,000 lb/acre. Wood fiber mulch is manufactured from wood or wood waste from lumber mills or from urban sources.

<u>Hydraulic Matrices:</u> Hydraulic matrices include a mixture of wood fiber and acrylic polymer or other tackifier as binder. Apply as a liquid slurry using a hydraulic application machine (i.e., hydro seeder) at the following minimum rates, or as specified by the manufacturer to achieve complete coverage of the target area: 2,000 to 4,000 lb/acre wood fiber mulch, and 5 to 10% (by weight) of tackifier (acrylic copolymer, guar, psyllium, etc.)

<u>Bonded Fiber Matrix</u>: Bonded fiber matrix (BFM) is a hydraulically applied system of fibers and adhesives that upon drying forms an erosion resistant blanket that promotes vegetation, and prevents soil erosion. BFMs are typically applied at rates from 3,000 lb/acre to 4,000 lb/acre based on the manufacturer's recommendation. A biodegradable BFM is composed of materials that are 100% biodegradable. The binder in the BFM should also be biodegradable and should not dissolve or disperse upon re-wetting. Typically, biodegradable BFMs should not be applied immediately before, during or immediately after rainfall if the soil is saturated. Depending on the product, BFMs typically require 12 to 24 hours to dry and become effective.

Dates	Climate	Species	(lb/ac.)
Sept. 1 to Nov. 30	Temporary Cool Season	Tall Fescue	4.0
		Oats	21.0
		Wheats	30.0
		Total	55.0
Sept. 1 to Nov. 30	Cool Season Legume	Hairy Vetch	8.0
May 1 to Aug. 31	Temporary Warm Season	Foxtail Millet	30.0

### Seed Mixtures:

<u>Fertilizer:</u> Fertilizer should be applied at the rate of 40 pounds of nitrogen and 40 pounds of phosphorus per acre, which is equivalent to about 1.0 pounds of nitrogen and phosphorus per 1000 square feet.

## Installation:

(1) Prior to application, roughen embankment and fill areas by rolling with a crimping or punching type roller or by track walking. Track walking shall only be used where other methods are impractical.

(2) To be effective, hydraulic matrices require 24 hours to dry before rainfall occurs.

(3) Avoid mulch over spray onto roads, sidewalks, drainage channels, existing vegetation, etc.

# **Permanent 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)(C), (D)(II), (E), and (5), 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 **Permanent Stormwater Section** is hereby submitted for TCEQ review and executive director approval. The application was prepared by:

Print Name of Customer/Agent: Shane Klar, P.E.

Date: <u>6/24/15</u>

Signature of Customer/Agent

have they

Regulated Entity Name: T Bar M

# Permanent Best Management Practices (BMPs)

Permanent best management practices and measures that will be used during and after construction is completed.

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



- 2. 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
- 3. 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

4. Where a site is used for low density single-family residential development and has 20 % or less impervious cover, other permanent BMPs are not required. This exemption from permanent BMPs must be recorded in the county deed records, with a notice that if the percent impervious cover increases above 20% or land use changes, the exemption for the whole site as described in the property boundaries required by 30 TAC §213.4(g) (relating to Application Processing and Approval), may no longer apply and the property owner must notify the appropriate regional office of these changes.

The site will be used for low density single-family residential development and has 20% or less impervious cover.

- The site will be used for low density single-family residential development but has more than 20% impervious cover.
- $\boxtimes$  The site will not be used for low density single-family residential development.
- 5. The executive director may waive the requirement for other permanent BMPs for multifamily residential developments, schools, or small business sites where 20% or less impervious cover is used at the site. This exemption from permanent BMPs must be recorded in the county deed records, with a notice that if the percent impervious cover increases above 20% or land use changes, the exemption for the whole site as described in the property boundaries required by 30 TAC §213.4(g) (relating to Application Processing and Approval), may no longer apply and the property owner must notify the appropriate regional office of these changes.
  - Attachment A 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.
- 6. Attachment B BMPs for Upgradient Stormwater.

	<ul> <li>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.</li> <li>No surface water, groundwater or stormwater originates upgradient from the site and flows across the site, and an explanation is attached.</li> <li>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.</li> </ul>
7.	🔀 Attachment C - BMPs for On-site Stormwater.
	<ul> <li>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.</li> <li>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.</li> </ul>
8.	Attachment D - BMPs for Surface Streams. A description of the BMPs and measures that prevent pollutants from entering surface streams, sensitive features, or the aquifer is attached. Each feature identified in the Geologic Assessment as sensitive has been addressed.
	X N/A
9.	The applicant understands that to the extent practicable, BMPs and measures must maintain flow to naturally occurring sensitive features identified in either the geologic assessment, executive director review, or during excavation, blasting, or construction.
	<ul> <li>The permanent sealing of or diversion of flow from a naturally-occurring sensitive feature that accepts recharge to the Edwards Aquifer as a permanent pollution abatement measure has not been proposed.</li> <li>Attachment E - Request to Seal Features. A request to seal a naturally-occurring sensitive feature, that includes, for each feature, a justification as to why no reasonable and practicable alternative exists, is attached.</li> </ul>
10	Attachment F - Construction Plans. All construction plans and design calculations for the proposed permanent BMP(s) and measures have been prepared by or under the direct supervision of a Texas Licensed Professional Engineer, and are signed, sealed, and dated. The plans are attached and, if applicable include:
	<ul> <li>Design calculations (TSS removal calculations)</li> <li>TCEQ construction notes</li> <li>All geologic features</li> <li>All proposed structural BMP(s) plans and specifications</li> </ul>

🗌 N/A

11. Attachment G - Inspection, Maintenance, Repair and Retrofit Plan. A plan for the inspection, maintenance, repairs, and, if necessary, retrofit of the permanent BMPs and measures is attached. The plan includes all of the following:
<ul> <li>Prepared and certified by the engineer designing the permanent BMPs and measures</li> <li>Signed by the owner or responsible party</li> <li>Procedures for documenting inspections, maintenance, repairs, and, if necessary retrofit</li> <li>A discussion of record keeping procedures</li> </ul>
N/A
12. Attachment H - 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
13. Attachment I -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 results in water quality degradation.

# Responsibility for Maintenance of Permanent BMP(s)

Responsibility for maintenance of best management practices and measures after construction is complete.

14. The applicant is responsible for maintaining the permanent BMPs after construction until such time as the maintenance obligation is either assumed in writing by another entity having ownership or control of the property (such as without limitation, an owner's association, a new property owner or lessee, a district, or municipality) or the ownership of the property is transferred to the entity. Such entity shall then be responsible for maintenance until another entity assumes such obligations in writing or ownership is transferred.

🗌 N/A

15. 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.

\_\_\_\_N/A

#### ATTACHMENT "A" 20% or Less Impervious Cover Waiver

The proposed development at T Bar M will exceed 20% impervious cover and will not be used for multi-family residential developments, schools, or small business sites.

#### <u>ATTACHMENT "B"</u> BMP's for Upgradient Stormwater

The stormwater generated upgradient of the site is minimal. Minor grading around proposed improvements will allow upstream runoff to be diverted away from areas being treated. Due to the rural nature of the development, stormwater originating upgradient will have minimal to no pollutant load. Most upgradient stormwater flows across grassy areas prior to reaching the proposed improvements.

#### <u>ATTACHMENT "C"</u> BMP's for On-Site Stormwater

The permanent BMP's used to treat on-site stormwater runoff will be a Rainwater Harvesting System and Vegetative Filter Strips. Please refer to the WPAP Site Plan for areas of treatment and BMP structures used.

#### ATTACHMENT "D" BMP's for Surface Streams

The Rainwater Harvesting System and Vegetative Filter Strips will be installed to prevent pollutants from entering surface streams and, ultimately, the aquifer. There were no sensitive features identified by the Geological Assessment.

The natural vegetation located downgradient of proposed improvements will provide additional filtration to help prevent pollution from entering streams, sensitive features, and the aquifer.

### <u>ATTACHMENT "G"</u> Inspection, Maintenance, Repair, and Retrofit Plan

### **Retention/Irrigation Maintenance and Monitoring Procedures**

• *Inspections*. The irrigation system, including pumps, should be inspected and tested (or observed while in operation) to assure proper operation at least 6 times annually. Two of these inspections should occur during or immediately following wet weather. Any leaks, broken spray heads, or other malfunctions with the irrigation system should be repaired immediately. In particular, sprinkler heads must be checked to determine if any are broken, clogged, or not spraying

#### T Bar M Camp Improvements

Water Pollution Abatement Plan Modification

properly. All inspection and testing reports should be kept on site and accessible to inspectors.

- Sediment Removal. Remove sediment from splitter box, basin, and wet wells at least two times per year or when the depth reaches 3 inches.
- *Irrigation Areas.* To the greatest extent practicable, irrigation areas are to remain in their natural state. However, vegetation must be maintained in the irrigation area such that it does not impede the spray of water from the irrigation heads. Tree and shrub trimmings and other large debris should be removed from the irrigation area.
- *Mowing*. The upper stage, side slopes, and embankment of a retention basin must be mowed regularly to discourage woody growth and control weeds. Grass areas in and around basins must be mowed at least twice annually to limit vegetation height to 18 inches. More frequent mowing to maintain aesthetic appeal may be necessary in landscaped areas. When mowing is performed, a mulching mower should be used, or grass clippings should be caught and removed.
- *Debris and Litter Removal.* Debris and litter will accumulate near the basin pump and should be removed during regular mowing operations and inspections. Particular attention should be paid to floating debris that can eventually clog the irrigation system.
- *Erosion Control.* The pond side slopes and embankment may periodically suffer from slumping and erosion, although this should not occur often if the soils are properly compacted during construction. Regrading and revegetation may be required to correct the problems.
- *Nuisance Control.* Standing water or soggy conditions in the retention basin can create nuisance conditions for nearby residents. Odors, mosquitoes, weeds, and litter are all occasionally perceived to be problems. Most of these problems are generally a sign that regular inspections and maintenance are not being performed (e.g., mowing and debris removal).
- *Rainwater Evacuation*. The Rainwater Harvesting system tanks shall be emptied at least weekly.

## **Vegetative Filter Strips Maintenance and Monitoring Procedures**

- *Pest Management* An Integrated Pest Management (IPM) Plan should be developed for vegetated areas. This plan should specify how problem insects and weeds will be controlled with minimal or no use of insecticides and herbicides.
- Seasonal Mowing and Lawn Care If the filter strip is made up of turf grass, it should be mowed as needed to limit vegetation height to 18 inches, using a mulching mower (or removal of clippings). If native grasses are used, the filter

#### T Bar M Camp Improvements Water Pollution Abatement Plan Modification

may require less frequent mowing, but a minimum of twice annually. Grass clippings and brush debris should not be deposited on vegetated filter strip areas. Regular mowing should also include weed control practices, however herbicide use should be kept to a minimum (Urbonas et al., 1992). Healthy grass can be maintained without using fertilizers because runoff usually contains sufficient nutrients. Irrigation of the site can help assure a dense and healthy vegetative cover.

- Inspection Inspect filter strips at least twice annually for erosion or damage to vegetation; however, additional inspection after periods of heavy runoff is most desirable. The strip should be checked for uniformity of grass cover, debris and litter, and areas of sediment accumulation. More frequent inspections of the grass cover during the first few years after establishment will help to determine if any problems are developing, and to plan for long-term restorative maintenance needs. Bare spots and areas of erosion identified during semi-annual inspections must be replanted and restored to meet specifications. Construction of a level spreader device may be necessary to reestablish shallow overland flow.
- Debris and Litter Removal Trash tends to accumulate in vegetated areas, particularly along highways. Any filter strip structures (i.e. level spreaders) should be kept free of obstructions to reduce floatables being flushed downstream, and for aesthetic reasons. The need for this practice is determined through periodic inspection, but should be performed no less than 4 times per year.
- Sediment Removal Sediment removal is not normally required in filter strips, since the vegetation normally grows through it and binds it to the soil. However, sediment may accumulate along the upstream boundary of the strip preventing uniform overland flow. Excess sediment should be removed by hand or with flatbottomed shovels.
- *Grass Reseeding and Mulching* A healthy dense grass should be maintained on the filter strip. If areas are eroded, they should be filled, compacted, and reseeded so that the final grade is level. Grass damaged during the sediment removal process should be promptly replaced using the same seed mix used during filter strip establishment. If possible, flow should be diverted from the damaged areas until the grass is firmly established. Bare spots and areas of erosion identified during semi-annual inspections must be replanted and restored to meet specifications. Corrective maintenance, such as weeding or replanting should be done more frequently in the first two to three years after installation to ensure stabilization. Dense vegetation may require irrigation immediately after planting, and during particularly dry periods, particularly as the vegetation is initially established.

### T Bar M Camp Improvements Water Pollution Abatement Plan Modification

#### <u>ATTACHMENT "I"</u> Measures for Minimizing Surface Stream Contamination

All surface streams will be protected from erosion by not allowing runoff to exceed existing velocities. The stormwater runoff for the property will be directed into the Aqualogic Filtration System and Vegetative Filter Strips where the pollutants will be removed.

## Attachment "G"

## **Maintenance Plan for Rainwater Harvesting System**

Rainwater Harvesting System Location: The Rainwater collection system will be located at the two proposed buildings at the southwest corner of the property along with two others near the center of the camp property. See attached plans.

Owner:

Center For Christian Growth, Inc. 2549 Hwy 46 W New Braunfels, Texas 78132-4731 Phone: (830) 625-2164

Rainwater Harvesting System Maintenance and Monitoring Procedures will be implemented to ensure that the proposed BMP functions as designed.

David Thief

June 24, 2015

David Thiel Center For Christian Growth, Inc.

(Date)

I have reviewed the attached maintenance and monitoring procedures and to the best of my knowledge certify that, if they are followed as outlined, the Rainwater Harvesting System will function as designed.

Share Klar, P.E.

## Attachment "G"

## **Maintenance Plan for Vegetative Filter Strips**

Location:

The vegetative filter strips will be located as shown in the plans attached to this permit.

Owner:

Center For Christian Growth, Inc. 2549 Hwy 46 W New Braunfels, Texas 78132-4731 Phone: (830) 625-2164

The Vegetative Filter Strip Maintenance and Monitoring Procedures will be implemented to ensure that the proposed BMP functions as designed.

David his

June 24, 2015

David Thiel Center For Christian Growth, Inc. Date

I have reviewed the attached maintenance and monitoring procedures and to the best of my knowledge certify that, if they are followed as outlined, the Vegetative Filter Strips will function as designed.

Shane Klar, P.E.









	KEA Z Kall	nwater Harv	esting Desig	n Calcula	tions	
Minimum Treatment Capa	acity: 60	05 ft <sup>3</sup> , 4,525 gal	(4,840 ft <sup>2</sup> build	ing @ 1.5 in	n rainfall dept	:h)
Provided Treatment Capa	city 70	98 ft <sup>3</sup> , 5,300 gal				
Active Irrigation Period:		168 hrs, 7 days				
Tank 1 (S-1, S-2)						
Volume = 5,300 gal						
Fime to Empty = 84 hrs						
Pump Flow to Empty = 1,5	514 gpd (1.40	0 gpm: use 2 spi	rinklers @ 0.92	gpm)		
* Time to empty Tank 1 =	48.0 hrs < 1	68 hr maximum				
Sprinklers: Rain Bird 3504	I-PC	Nozzle	Pressure (psi)	Pattern R	ladius (ft) F	low Rate (gpm)
	S-1	1.0	35	180°	21'	0.92
	S-2	1.0	35	180°	21'	0.92
Tetal Dumania Haad (TDI	J)					
Total Dynamic Head (TDI TDH = H <sub>p</sub> + H <sub>e</sub> + H <sub>f</sub>	4)					
Total Dynamic Head (TDI TDH = H <sub>p</sub> + H <sub>e</sub> + H <sub>f</sub> Pressure Head (H <sub>p</sub> ) = 81 f	H) t (2.31 ft/psi	)				
Total Dynamic Head (TDI TDH = $H_p + H_e + H_f$ Pressure Head ( $H_p$ ) = 81 f Elevation Head ( $H_e$ ) = 0 ft	H) t (2.31 ft/psi nej	) glecting variable h	nead over submer	-sible pump		
Total Dynamic Head (TDI TDH = $H_p + H_e + H_f$ Pressure Head ( $H_p$ ) = 81 f Elevation Head ( $H_e$ ) = 0 ft Friction Head ( $H_f$ ) =	H) t (2.31 ft/psi neg <u>1.2</u> (C)	) glecting variable h 2(10.4397)(L)(Q) 1 <sup>1.85</sup> (D) <sup>4.8655</sup>	nead over submer	sible pump		
Total Dynamic Head (TDI TDH = $H_p + H_e + H_f$ Pressure Head $(H_p) = 81 f$ Elevation Head $(H_e) = 0 ft$ Friction Head $(H_f) =$ L = Length of pipe (ft)	<b>H)</b> t (2.31 ft/psi nej <u>1.2</u> (C)	) glecting variable f 2(10.4397)(L)(Q) 1 <sup>1.85</sup> (D) <sup>4.8655</sup>	nead over submer	rsible pump		
Total Dynamic Head (TDI TDH = $H_p + H_e + H_f$ Pressure Head ( $H_p$ ) = 81 f Elevation Head ( $H_e$ ) = 0 ft Friction Head ( $H_f$ ) = L = Length of pipe (ft) C = Hazen-Williams coeff	H) t (2.31 ft/psi ne; <u>1.3</u> (C) icient (150 fc	) glecting variable h 2(10.4397)(L)(Q) 1 <sup>185</sup> (D) <sup>4.8655</sup> or SCH 40 PVC)	nead over submer 1 <sup>1.85</sup> = 0.25ft	sible pump		
Total Dynamic Head (TDI TDH = $H_p + H_e + H_f$ Pressure Head ( $H_p$ ) = 81 f Elevation Head ( $H_e$ ) = 0 ft Friction Head ( $H_f$ ) = L = Length of pipe (ft) C = Hazen-Williams coeffi Q = Flow Rate (gpm)	H) t (2.31 ft/psi ne; <u>1.2</u> (C) icient (150 fc	) glecting variable H 2 <u>(10.4397)(L)(Q</u> 1 <sup>1.85</sup> (D) <sup>4.8655</sup> or SCH 40 PVC)	nead over submer 1 <sup>1.85</sup> = 0.25ft	sible pump		
Total Dynamic Head (TDI TDH = $H_p + H_e + H_f$ Pressure Head ( $H_p$ ) = 81 f Elevation Head ( $H_e$ ) = 0 ft Friction Head ( $H_f$ ) = L = Length of pipe (ft) C = Hazen-Williams coeffi Q = Flow Rate (gpm) D = Pipe Diameter (in)	H) t (2.31 ft/psi nej <u>1.2</u> (C) icient (150 fc	) glecting variable H 2(10.4397)(L)(Q) 1 <sup>1.85</sup> (D) <sup>4.8655</sup> Or SCH 40 PVC)	nead over submer 1 <sup>1.85</sup> = 0.25ft	rsible pump		
Total Dynamic Head (TDI TDH = $H_p + H_e + H_f$ Pressure Head ( $H_p$ ) = 81 f Elevation Head ( $H_e$ ) = 0 ft Friction Head ( $H_f$ ) = L = Length of pipe (ft) C = Hazen-Williams coeffi Q = Flow Rate (gpm) D = Pipe Diameter (in) TDH = 81.25 ft	H) t (2.31 ft/psi ney <u>1.2</u> (C) icient (150 fc	) glecting variable H 2(10.4397)(L)(Q) 1 <sup>1.85</sup> (D) <sup>4.8655</sup> or SCH 40 PVC)	nead over submer 1 <sup>1.85</sup> = 0.25ft	rsible pump		
Total Dynamic Head (TDI TDH = $H_p + H_e + H_f$ Pressure Head ( $H_p$ ) = 81 f Elevation Head ( $H_e$ ) = 0 ft Friction Head ( $H_f$ ) = L = Length of pipe (ft) C = Hazen-Williams coeff Q = Flow Rate (gpm) D = Pipe Diameter (in) TDH = 81.25 ft Pump Requirements: 0.9	H) t (2.31 ft/psi ne; <u>1.3</u> (C) icient (150 fc	) glecting variable f 2(10.4397)(L)(Q) 1 <sup>1.85</sup> (D) <sup>4.8655</sup> or SCH 40 PVC)	nead over submer 1 <sup>185</sup> = 0.25ft	rsible pump		

AREA 1 Rainwater Harvesting         inimum Treatment Capacity:       872 ft <sup>3</sup> , 6,525 gal (6,980         ovided Treatment Capacity       882 ft <sup>3</sup> , 7,200 gal         tive Irrigation Period:       168 hrs, 7 days         nk 1 (S-1)       168 hrs, 7 days         Jume = 3,600 gal       1,028 gpd (137.5 gpm: use 1 sprinkler         Intx 2 (S-2)       1,028 gpd (137.5 gpm: use 1 sprinkler         Dume = 3,600 gal       1,028 gpd (137.5 gpm: use 1 sprinkler	(Design Calculations ft <sup>2</sup> building @ 1.5 in rainfall depth) @ 0.92 gpm)		SHANE BOILD CEN SHANE SHANE SHANE SHANE SHANE SHANE SHANE SHANE SHANE	KLAR 10 SEP Control Cal2st 15
Time to empty Tank 1 & Tank 2 = 163 hrs < 168 hr maximum prinklers: Rain Bird 3504-PC S-1 1.0 S-2 1.0 DH = $H_p + H_e + H_f$ ressure Head ( $H_p$ ) = 81 ft (2.31 ft/psi) levation Head ( $H_e$ ) = 0 ft neglecting variable head ove 1 2(10, 4397)(L)(Q) <sup>1.85</sup> = 0.	m rre (psi) Pattern Radius (ft) Flow Rate 35 180° 21' 0. 35 180° 21' 0. er submersible pump 25ft	92 92	TE ISSUES AND F	
iction Head (H <sub>f</sub> ) = $\frac{1.2(10.4397)(L)(Q)^{1.45}}{(C)^{1.85}(D)^{4.8655}} = 0.$ = Length of pipe (ft) = Hazen-Williams coefficient (150 for SCH 40 PVC) = Flow Rate (gpm) = Pipe Diameter (in) DH = 81.25 ft ump Requirements: 0.92 gpm @ 81.25 ft TDH Timer shall be set to spray in intervals not to exceed 2 hou	rs		LEER NO DAT	Solutions A tr. 78130
			NOE SASSO	Engineering WALNUT AVE. STE B, NEW BRAUN PH: 830-358-7127 www.md-
			DETAILS	1040 N.
			WATER QUALITY	PERMIT SET
			A CAMP EMENTS	ELS, TX 78130
			T BAR N IMPROVE	NEW BRAUNFI

© COPYRIGHT 20





RAINWATER HARVES	TING - G	ALVANIZED AB	OVE GROUND GRAVITY FE	ED/SUB. PUMP TANK INSTALLATION
DRAWN: SFournier	7/26/09	FILE: GT RV	H GRGALFILL SUBN 12.DVG	
CHECK:		SIZE: A3	SCALE:	JUHN DEEKE GREEN IEU
QUOTATION NO.* DIMENSIONS IN: INCH			TEL: (800) 427-0779	
DO NOT SCALE DRAWING			FAX: (949) 455-7492	



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

[	David Thiel	
- Anno and a second	Print Name	
	CEO/President	
	Title - Owner/President/Other	
of	Center For Christian Growth, Inc. Corporation/Partnership/Entity Name	,
have authorized	Shane Klar, P.E. Print Name of Agent/Engineer	
of	Moeller & Associates	- Contraction Millionationsponsume

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.

l 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 applicants 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.

Applicant's Signature

6/22/2015 Date

THE STATE OF Lotal & County of Comal s

BEFORE ME, the undersigned authority, on this day personally appeared  $\underline{DavrdThie}|_k$  hown 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 32 day of Acene Marthu Rym Aarc MARTHA LYNN JARAMILLO Notary Public, State of Texas Jaramillo Martha h Typed or Printed LYAN My Commission Expires April 12, 2018

MY COMMISSION EXPIRES: <u>April 12, 2018</u>

# **Application Fee Form**

exas Commission on Environmental Quality					
Name of Proposed Regulated Entity: <u>T Bar M</u>					
Regulated Entity Location: 2549 Hw	Regulated Entity Location: 2549 Hwy. 46 W				
Name of Customer: Center For Chris	Name of Customer: Center For Christian Growth, Inc.				
Contact Person: Shane Klar, P.E. (Ag	<u>(ent)</u> Phon	e: <u>830-358-7127</u>			
Customer Reference Number (if issu	ued):CN				
Regulated Entity Reference Number	r (if issued):RN <u>10274</u>	<u>5502</u>			
Austin Regional Office (3373)					
Hays	Travis	🗌 Wi	lliamson		
San Antonio Regional Office (3362)	ł				
Bexar	Medina	Uv	alde		
🔀 Comal	Kinney				
Application fees must be paid by ch	eck, certified check, o	or money order, payab	le to the <b>Texas</b>		
<b>Commission on Environmental Qua</b>	ality. Your canceled c	heck will serve as your	r receipt. This		
form must be submitted with your	fee payment. This p	ayment is being submi	tted to:		
Austin Regional Office	🖂 s	an Antonio Regional O	ffice		
Mailed to: TCEQ - Cashier		Vernight Delivery to: T	CEQ - Cashier		
Revenues Section 1		2100 Park 35 Circle			
Mail Code 214	E	Building A, 3rd Floor			
P.O. Box 13088	A	ustin, 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, Co	ontributing Zone				
Plan: One Single Family Residential	Dwelling	Acres	\$		
Water Pollution Abatement Plan, Contributing Zone			······································		
Plan: Multiple Single Family Residential and Parks		Acres	\$		
Water Pollution Abatement Plan, Contributing Zone					
Plan: Non-residential		15.39 Acres	\$ 6,500		
Sewage Collection System		L.F.	\$		
Lift Stations without sewer lines		Acres	\$		
Underground or Aboveground Stor	age Tank Facility	Tanks	\$		
Piping System(s)(only)		Each	\$		
Exception		Each	\$		
Extension of Time		Each	\$		

<u>Aa</u> Signature: \_

Date: <u>6/25/15</u>

# **Application Fee Schedule**

**Texas Commission on Environmental Quality** 

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

## Water Pollution Abatement Plans and Modifications

### Contributing Zone Plans and Modifications

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

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

### Exception Requests

Project	Fee
Exception Request	\$500

### **Extension of Time Requests**

Project	Fee
Extension of Time Request	\$150



/

# **TCEQ** Core Data Form

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

<b>SECTION</b>	I: Gen	eral Information		i, picasi				minorao			, , , , , , , , , , , , , , , , , , ,
1. Reason for Submission (If other is checked please describe in space provided)											
New Permit, Registration or Authorization (Core Data Form should be submitted with the program application)											
Renewa	I (Core Da	ta Form should be submitted w	ith the rene	wal form	n) [	Oth	ner				
2. Attachmer	nts	Describe Any Attachments:	(ex. Title V A	pplicatio	on, Waste	e Transp	orter Ap	oplication,	etc.)		
⊠Yes	□No	WPAP Modification									
3. Customer	Reference	Number (if issued)	Follow this	link to	search	4. Re	gulate	d Entity	Refere	nce Numbe	r (if issued)
CN			<u>Central</u>	Registr	<u>y**</u>	RN	1027	745502	2		
SECTION	II: Cu	stomer Information									
5. Effective I	Date for Cu	stomer Information Updates	(mm/dd/yyy	ry)	6/24/2	2015					
6. Customer	Role (Prop	osed or Actual) - as it relates to the	e <u>Regulated I</u>	<u>Entity</u> lis	ted on th	is form. I	Please	check on	y <u>one</u> of	the following	:
Owner		Operator		wner 8	Coperat	or					
	nal License	ee 🗌 Responsible Party	Πv	oluntar	y Clean	up Appl	icant		Other:		
7. General C	ustomer In	formation		_							
New Cust	tomer	🗌 U	pdate to Cu	stomer	Informa	ition		🛛 Ch	ange in	Regulated	Entity Ownership
Change in	Legal Nam	ne (Verifiable with the Texas Se	cretary of S	tate)				<u>No</u>	Change	<u>e**</u>	
<u>**If "No Chai</u>	nge" and S	ection I is complete, skip to :	<u>Section III –</u>	Regul	lated En	ntity Inf	ormati	<u>on.</u>			
8. Type of C	ustomer:	Corporation	I	ndividu	al			Sole Prop	prietorsh	iip- D.B.A	
City Gove	ernment	County Government	F	ederal	Govern	ment		State Go	vernmer	nt	
Other Go	vemment	General Partnership	🗆 L	imited	Partners	ship		Other:			
9. Customer	Legal Nan	ne (If an individual, print last name	first: ex: Doe	, John)	<u>lf n</u> bei	iew Cus low	tomer,	enter pre	vious Cu	<u>istomer</u>	End Date:
Center Fo	r Christi	an Growth, Inc. Attn: I	David Thi	iel				- 1			
	2549 H	wy. 46 W									
10. Mailing											
Address:	City	New Braunfels	State	ТХ		ZIP	7813	2		ZIP + 4	4731
11 Country	Mailing Inf	omation (il outoide (ISA)		1.1.	12 5	 Mail Ad	drose	/if applied			1751
Th. Country	alannig ini				dave	@than	mcat	mps or	ore) or		
13. Telephor	ne Number		14. Extensi	on or (	Code	Giou		15. Fax	Numbe	r (if applica	ble)
(830)62	25-2164							(	) -		
16. Federal Tax ID (9 digits) 17. TX State Franchise Tax ID (11 digits) 18. DUNS Number (if applicable) 19. TX SOS Filing Number (if applicable)											
TaxExempt 17516719204 0048520101											
20. Number of Employees 21. Independently Owned and Operated?											
0-20	21-100	101-250 251-500	🗌 501 a	nd high	ner				<u> </u>	ſes	No No
SECTION	<u>III: R</u>	egulated Entity Info	rmation								

22. General Regulated En	tity Information (If 'New Regulated Entity	" is selected below this form should be accomp	anied by a permit application)					
New Regulated Entity	Update to Regulated Entity Name	Update to Regulated Entity Information	No Change** (See below)					
	**If "NO CHANGE" is checked and Section I	is complete, skip to Section IV, Preparer Information.						
23. Regulated Entity Name (name of the site where the regulated action is taking place)								
T Bar M								

								-			
24. Street Address	254	9 Hwy. 46 W									
of the Regulated											
(No P.O. Boxes)	City	New Braun	fels	State	ТХ	ZIP	781	32		ZIP + 4	4731
	San	ne									
25. Mailing			-						-		
Address:	0.1					710				710 . 4	
	City			State	-	ZIP				ZIP + 4	
26. E-Mail Address:	da	ive@tbarmcar	mps.org	5			_				
27. Telephone Number	er			28. Extension	or Code	29.	Fax N	lumber (if aj	oplicable)		
(830) 625-2164						(	)	-			
30. Primary SIC Code	e (4 digits	) 31. Seconda	ary SIC Co	ode (4 digits)	32. Primary   (5 or 6 digits)	NAICS	Code	<b>33.</b> (5 or	Second 6 digits)	ary NAIC	CS Code
7032		7999			721214			71	390		
34. What is the Prima	ry Bus	iness of this enti	ty? (Ple	ase do not repe	at the SIC or N	AICS de	scriptio	n.)			
Sporting and Rec	reatio	on Camp									
C	uestio	ns 34 – 37 addres	ss geogra	phic location	. Please refe	er to the	e instr	uctions for	applica	bility.	
35. Description to	The	project is loc	ated on	the south	side of Sta	te Hig	ghwa	y 46 app	roxima	ately 0.	5 miles north
Physical Location:	oft	he intersection	n at FM	1863.							
36. Nearest City				County			State			Neares	t ZIP Code
New Braunfels				Comal			TX			78132	2
37. Latitude (N) In D	ecima	: 29.725216	6		38. Longit	ude (W	/) In	Decimal:	-98.1	85716	
Degrees	Minutes	j	Seconds		Degrees			Minutes		Se	conds
29	43		30.78		-98			11		8	.58
39. TCEQ Programs ar	nd ID N	umbers Check all Pr gram is not listed, chec	rograms and k other and	I write in the perm write it in. See the	its/registration nu e Core Data Form	mbers the	at will be ons for a	affected by th additional guida	e updates ance.	submitted	on this form or the
Dam Safety		Districts	_	Edwards A	Aquifer		ndustri	al Hazardous	Waste	Mui	nicipal Solid Waste
	-										
New Source Review	– Air	OSSF	_	Petroleum	Storage Tank		PWS			Slu	dge
Stormwater		Title V – Air		Tires			Used (	Dil		U Ut	ilities

# **SECTION IV: Preparer Information**

П

Waste Water

40. Name:	Shane Klar	r, P.E.		41. Title:	AuthorizedAgent
42. Telephone Number 43. Ext./Code		44. Fax Number	45. E-Mail	Address	
(830) 358-7127			(830)515-5611	shanekla	r@ma-tx.com

Wastewater Agriculture

Water Rights

Other:

## **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 9 and/or as required for the updates to the ID numbers identified in field 39.

#### (See the Core Data Form instructions for more information on who should sign this form.)

Company:	Moeller & Associates	Job Title:	Engine	er	
Name(In Print) :	Shane Klar, P.E.			Phone:	(830) 358-7127
Signature:	Shawallow			Date:	4/25/15

Voluntary Cleanup

Robert J. Huston. *Chairman* R. B. "Ralph" Marquez. *Commissioner* Kathleen Hartnett White, *Commissioner* 



## **TEXAS COMMISSION ON ENVIRONMENTAL QUALITY**

Protecting Texas by Reducing and Preventing Pollution

December 20, 2002

Mr. Scott Turpin T Bar M, Inc./ Center for Christian Growth 8201 Preston Road Dallas, TX 75225

Re: <u>Edwards Aquifer</u>, Bexar County NAME OF PROJECT: T Bar M; Located at 2549 Highway 46 West; New Braunfels, Texas TYPE OF PLAN: Request for Approval of a Water Pollution Abatement Plan (WPAP); 30 Texas Administrative Code (TAC) Chapter 213 Edwards Aquifer Edwards Aquifer Protection Program File No.1899.00; Investigation No. 17611.

Dear Mr. Turpin:

The Texas Commission on Environmental Quality (TCEQ) has completed its review of the WPAP application for the referenced project submitted to the San Antonio Regional Office by Mr. Jeff Moeller, P.E. of Carter & Burgess, Inc. on behalf of T Bar M, Inc./ Center for Christian Growth on September 26, 2002. Final review of the application was completed after additional materials were submitted on December 9, 2002, and December 13, 2002. As presented to the TCEQ, the Temporary and Permanent Best Management Practices (BMPs) 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 must be filed no later than 20 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 9.3 acres. It will include the construction of two buildings, a cabin, four tennis courts, and associated parking areas. The impervious cover will be 3.46 acres (37.2% percent). Project wastewater will be disposed of by conveyance to the existing Gruene Waste Water Recycling Center owned by the City of New Braunfels.

REPLY TO: REGION 13 • 14250 JUDSON RD. • SAN ANTONIO, TEXAS 78233-4480 • 210/490-3096 • FAX 210/545-4329

Mr. Scott Turpin Page 2 December 20, 2002

#### PERMANENT POLLUTION ABATEMENT MEASURES

Five individual permanent vegetative filter strips will be constructed to treat stormwater runoff. The individual treatment measures will consist of the following:

Permanent Best Management Practice (Vegetative Filter Strips)										
Watershed	А	В	С	D	Е					
Filter Strip Area (acres)	1.15	0.77	0.10	0.37	0.126					
Level spreading device	Yes	Yes	Yes	Yes	Yes					
Contiguous with developed area	Yes	Yes	Yes	Yes	Yes					
Area of development filter strip designed to treat (acres)	1.203	1.824	0.17	0.726	0.126					

The approved measures are presented to meet the required 80 percent removal of the increased load in total suspended solids caused by the project.

#### **GEOLOGY**

According to the geologic assessment included with the application, four possibly sensitive features and one not sensitive feature were identified on the proposed project site. The possibly sensitive features were described by the geologist as four man-made features and one solution cavity. The San Antonio Regional Office did conduct a site inspection on October 18, 2002. The site inspection revealed that the site geology is consistent with the geologic assessment and no additional features were noted.

#### SPECIAL CONDITIONS

- I. All permanent pollution abatement measures shall be operational prior to commencement of any commercial operation for each phase of development.
- II. The vegetative filtration areas are designed in accordance with the document Complying with the Edwards Aquifer Rules: Technical Guidance on Best Management Practices (June 1999). The basins will incorporate sedimentation and filtration as described above. STANDARD CONDITIONS
- 1. Pursuant to §26.136 of the Texas Water Code, any violations of the requirements in 30 TAC Chapter 213 may result in administrative penalties.

#### Prior to Commencement of Construction:

2. 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

Mr. Scott Turpin Page 3 December 20, 2002

property is located. A description of the property boundaries shall be included in the deed recordation in the county deed records. A suggested form (Deed Recordation Affidavit, TCEQ-0625) that you may use to deed record the approved WPAP is enclosed.

- 3. 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 WPAP and this notice of approval shall be maintained at the project location until all regulated activities are completed.
- 4. Modification to the activities described in the referenced WPAP 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.
- 5. 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 date on which the regulated activity will commence, the name of the approved plan and file number for the regulated activity, and the name of the prime contractor with the name and telephone number of the contact person. The executive director will use the notification to determine if the approved plan is eligible for an extension.
- 6. Temporary erosion and sedimentation (E&S) controls, i.e., silt fences, rock berms, stabilized construction entrances, or other controls described in the approved WPAP, 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.
- 7. All borings with depths greater than or equal to 20 feet must be plugged with non-shrink grout from the bottom of the hole to within three (3) feet of the surface. The remainder of the hole must be backfilled with cuttings from the boring. All borings less than 20 feet must be backfilled with cuttings from the boring. All borings must be backfilled or plugged within four (4) days of completion of the drilling operation. Voids may be filled with gravel.

#### **During Construction:**

- 8. During the course of regulated activities related to this project, the applicant or 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 any sensitive feature (caves, solution cavities, sink holes, etc.) is discovered during construction, all regulated activities near the feature must be suspended immediately. The applicant or his agent must immediately notify the San Antonio Regional Office of the discovery of the feature. Regulated activities near the feature may not proceed until the executive director has reviewed and approved

Mr. Scott Turpin Page 4 December 20, 2002

the methods proposed to protect the feature and the aquifer from potentially adverse impacts to water quality. The plan must be sealed, signed, and dated by a Texas Licensed Professional Engineer.

- 10. All water wells, including injection, dewatering, and monitoring wells must be in compliance with the requirements of the Texas Department of Licensing and Regulation under Title 16 TAC Chapter 76 (relating to Water Well Drillers and Pump Installers) and all other locally applicable rules, as appropriate.
- 11. 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 reduced by 50 percent. Litter, construction debris, and construction chemicals shall be prevented from becoming stormwater discharge pollutants.
- 12. 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.
- 13. 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.

After Completion of Construction:

- 14. 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 association, a new property owner or lessee, a district, or municipality) or the ownership of the property is transferred to the entity. The regulated 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 Edwards Aquifer protection plan. If the new owner intends to commence any new regulated activity on the site, a new Edwards Aquifer protection 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.

Mr. Scott Turpin Page 5 December 20, 2002

- 17. An Edwards Aquifer protection 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 Edwards Aquifer protection 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.

If you have any questions or require additional information, please contact Tom Gutierrez of the Edwards Aquifer Protection Program of the San Antonio Regional Office at 210-403-4025.

Sincerely,

Margaret Hoffman Executive Director Texas Commission on Environmental Quality

MH/TG/eg

Enclosure: Deed Recordation Affidavit, Form TCEQ-0625 Change in Responsibility for Maintenance on Permanent BMPs-Form TCEQ-10263

cc: Mr. Jeff Moeller, P.E., Carter & Burgess, Inc.
 Mr. John Bohuslav, TXDOT San Antonio District
 Mr. Tom Hornseth, Comal County
 Mr. Greg Ellis, Edwards Aquifer Authority
 TCEQ Central Records MC 212

Bryan W. Shaw, Ph.D., *Chairman* Buddy Garcja, *Commissioner* Carlos Rubinstein, *Commissioner* Mark R. Vickery, P.G., *Executive Director* 



MAR 2 3 2011

COUNTY ENGINEER

# TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

March 15, 2011

Mr. Scott Turpin T Bar M, Inc. 8201 Preston Rd. Dallas, Texas 75225

Re: Edwards Aquifer, Comal County

NAME OF PROJECT: T Bar M; Located on the south side of SH 46 West approximately 0.5 miles north of FM 1863 and SH 46; New Braunfels, Texas

TYPE OF PLAN: Request for Extension of Time to Commence Regulated Activities Authorized by a Water Pollution Abatement Plan (WPAP); 30 Texas Administrative Code (TAC) Chapter 213 Edwards Aquifer

Edwards Aquifer Protection Program File No. 1899.03, Investigation No. 894489, Regulated Entity Number: RN102745502

Dear Mr. Turpin:

On January 28, 2011, the Texas Commission on Environmental Quality (TCEQ) received your request for an extension of time to commence regulated activities related to the above referenced WPAP approval. The request has been reviewed for compliance with 30 TAC §213.4(h) and §213.13 which set forth the procedures for requesting an extension of time to commence regulated activities authorized by the approval and was found to be in general agreement with these procedures. Therefore, the request for an extension to the term of approval for the referenced project is granted. A summary of the dates of approval and expiration is as follows.

Date of Original Approval:	July 29, 2008
Date of Expiration:	July 29, 2010
Date Extension Request Received	Date of Extension Expiration
July 22, 2010	January 29, 2011
January 28, 2011	July 29, 2011

The request and fee were received in compliance with 30 TAC §213.4(h) and §213.13. As indicated in the rules, an extension may not be granted if the proposed regulated activity or

REPLI' TO: REGION 13. • 14250 JUDSON RD. • SAN ANTONIO, TEXAS 78233-4480 • 210-490-3096 • FAX 210-545-4329

Mr. Scott Turpin March 15, 2011 Page 2

approved plan for the regulated activity has changed. As understood, there will be no changes or modifications to the originally approved plan. This request for extension expires on July 29, 2011. Should construction not commence before the end of the six (6) month period, another request for extension would be required to keep the Edwards Aquifer Protection Plan validated.

If you have any questions or require additional information, please contact Javier Anguiano of the Edwards Aquifer Protection Program with the San Antonio Regional Office at (210) 490-3096.

Sincerely,

Donero

Mark R. Vickery, P.G., Executive Director Texas Commission on Environmental Quality

MRV/JA/eg

cc: Mr. James C. Klein, P.E., City of New Braunfels Mr. Thomas Hornseth, P.E., Comal County Mr. Karl J. Dreher, Edwards Aquifer Authority TCEQ Central Records, Building F, MC 212

# WATER POLLUTION ABATEMENT PLAN APPLICATION

COL

For

## **T Bar M, Inc.\CENTER FOR CHRISTIAN GROWTH**

2549 HWY 46 WEST NEW BRAUNFELS, TEXAS 78132

Submitted To:

**Texas Commission on Environmental Quality** 

Region 13 - San Antonio 14250 Judson Road San Antonio, Texas 78233-4480 210.490-3096 Fax 210.545-4329

Submitted By:

Carter & Burgess, Inc. 911 Central Parkway North, Suite 425 San Antonio, Texas 78232 210.494-0088 Fax 210.494-4525

September 25, 2002



### Edwards Aquifer Protection Plan Extension Request

- $\underline{X}$ Extension Request for a Water Pollution Prevention Plan (TCEQ-10260)
- A ATTACHMENT A - Approval Letter or Extension Approval
- Agent Authorization Form (TCEQ-0599), if application submitted by agent -----
  - Application Fee Form (TCEQ-0574)
- $\frac{\times}{\times}$ Check Payable to the "Texas Commission on Environmental Quality"
  - Core Data Form (TCEQ-10400)

RECEIVED FEB 0 2 2011 COUNTY ENGINEER





#### Extension Request for an Edwards Aquifer Protection Plan Relating to 30 TAC §213.4(g)

Effective June 1, 1999

1. Regulated En	tity information. If requested by an agent, attach the	agent authorization form.
Regulated Entity Nan	ne: <mark>T Bar M, Inc.</mark>	
Customer (Applicant):	T Bar M, Inc	
Contact Person:	Scott Turpin	
Entity:	T Bar M, Inc	
Mailing Address:	8201 Preston Rd	
City, State:	Dallas, TX 75225	
Telephone:	(214) 692-4254	FAX: <u>(830) 608-1765</u>
Agent: Contact Person: Mailing Address:		7:00
Telephone:		Zip: FAX:
2. X <u>ATTACHMEN</u> approval letter Date o Expirat	<b>T A - Approval Letter or Extension Approval.</b> Atta or the last approved extension. f letter: <u>October 19, 2010</u> tion date: <u>Jan 29, 2011</u>	ich a copy of the last
3. <u>X</u> This extension of an approved	n request is submitted not earlier than sixty (60) days d Edwards Aquifer protection plan or a previously app	prior to the expiration date proved extension.
4. X A completed fe	ee form is attached. The fee for a six-month extension	on of time is \$150. JAN 28
Scott T Brint Name of Custom	urpin	PH
	ien/Ageni	1:0
		on (1997)

Signature of Customer/Agent

If you have questions on how to fill out this form or about the Edwards Aquifer protection program, please contact us at 210/490-3096 for projects located in the San Antonio Region or 512/339-2929 for projects located in the Austin Region.

Jan 24, 2011

Date

Individuals are entitled to request and review their personal information that the agency gathers on its forms. They may also have any errors in their information corrected. To review such information, contact us at 512/239-3282.

Bryan W. Shaw, Ph.D., *Chairman* Buddy Garcia, *Commissioner* Carlos Rubinstein, *Commissioner* Mark R. Vickery, P.G., *Executive Director* 



# **TEXAS COMMISSION ON ENVIRONMENTAL QUALITY**

Protecting Texas by Reducing and Preventing Pollution

October 19, 2010

Mr. Scott Turpin T Bar M, Inc. 8201 Preston Rd. Dallas, Texas 75225

Re: Edwards Aquifer, Comal County

NAME OF PROJECT: T Bar M; Located on the south side of SH 46 West approximately 0.5 miles north of FM 1863 and SH 46; New Braunfels, Texas

TYPE OF PLAN: **Request for Extension of Time to Com**mence Regulated Activities Authorized by a Water Pollution Abatement Plan (WPAP); 30 Texas Administrative Code (TAC) Chapter 213 Edwards Aquifer

Edwards Aquifer Protection Program File No. 1899.02, Investigation No. 849297, Regulated Entity Number: RN102745502

Dear Mr. Turpin:

On July 22, 2010, the Texas Commission on Environmental Quality (TCEQ) received your request for an extension of time to commence regulated activities related to the above referenced WPAP approval. Final review of the request was completed after additional material was received on October 4, 2010. The request has been reviewed for compliance with 30 TAC §213.4(h) and §213.13 which set forth the procedures for requesting an extension of time to commence regulated activities authorized by the approval and was found to be in general agreement with these procedures. Therefore, the request for an extension to the term of approval for the referenced project is granted. A summary of the dates of approval and expiration is enclosed.

Date of Original Approval:	July 29, 2008
Date of Expiration:	July 29, 2010
Date Extension Request Received	Date of Extension Expiration
July 22, 2010	January 29, 2011

The request and fee were received in compliance with 30 TAC §213.4(h) and §213.13. As indicated in the rules, an extension may not be granted if the proposed regulated activity or approved plan for the regulated activity has changed. As understood, there will be no changes or modifications to the originally approved plan. This request for extension expires on January 29, 2011. Should construction not commence before the end of the six (6) month period, another request for extension would be required to keep the Edwards Aquifer Protection Plan validated.

REPLY TO: REGION 13 • 14250 JUDSON RD. • SAN ANTONIO, TEXAS 78233-4480 • 210-490-3096 • FAX 210-545-4329

Mr. Scott Turpin October 19, 2010 Page 2

If you have any questions or require additional information, please contact Javier Anguiano of the Edwards Aquifer Protection Program with the San Antonio Regional Office at (210) 403-4019.

5

Sincerely,

Gov Mark R. Vickery, P.G., Executive Director Texas Commission on Environmental Quality

MRV/JA/eg

cc: Mr. James C. Klein, P.E., City of New Braunfels Mr. Thomas Hornseth, P.E., Comal County Mr. Karl J. Dreher, Edwards Aquifer Authority TCEQ Central Records, Building F, MC 212

#### Texas Commission on Environmental Quality Edwards Aquifer Protection Program Application Fee Form

NAME OF PROPOSED REGULATED ENTITY: <u>T Bar M</u> REGULATED ENTITY LOCATION:       2549 Hwy 46 W, N         NAME OF CUSTOMER:       T Bar M, Inc.         CONTACT PERSON: <u>Scott Turpin</u> PHONE       (Please Print)	l, Inc. New Braunfels, TX 78132 :(214) 692-4254								
Customer Reference Number (if issued): CN	600691752 (nine digits)								
Regulated Entity Reference Number (if issued): RN 102745502 (nine digits)									
Austin Regional Office (3373)	] Travis 🗌 Williamson								
San Antonio Regional Office (3362) 🔲 Bexar 🂢 Comal 🔲 Medina 🗌 Kinney 🗌 Uvalde									
Application fees must be paid by check, certified check, or money order, payable to the <b>Texas Commission on</b> <b>Environmental Quality</b> . Your canceled check will serve as your receipt. <b>This form must be submitted with</b> <b>your fee payment</b> . This payment is being submitted to (Check One):									
Austin Regional Office	💢 San Antonio Regional O	ffice							
Mailed to TCEQ:       Overnight Delivery to TCEQ:         TCEQ – Cashier       TCEQ - Cashier         Revenues Section       12100 Park 35 Circle         Mail Code 214       Building A, 3rd Floor         P.O. Box 13088       Austin, TX 78753         Austin, TX 78711-3088       512/239-0347         Site Location (Check All That Apply):       Recharge Zone       Contributing Zone       Transition Zone									
Type of Plan	Size	Fee Due							
Water Pollution Abatement Plan, Contributing Zone Plan: One Single Family Residential Dwelling	Acres \$								
Water Pollution Abatement Plan, Contributing Zone Plan: Multiple Single Family Residential and Parks	Acres	\$							
Water Pollution Abatement Plan, Contributing Zone Plan: Non-residential	Acres	\$							
Sewage Collection System	L.F.	\$							
Lift Stations without sewer lines	Acres	\$							
Underground or Aboveground Storage Tank Facility	Tanks	\$							
Piping System(s)(only)	Each	\$							
Exception	Each	\$							
Extension of Time	Each	\$150							

Signature

Jan 24, 2011

Date

If you have questions on how to fill out this form or about the Edwards Aquifer protection program, please contact us at 210/490-3096 for projects located in the San Antonio Region or 512/339-2929 for projects located in the Austin Region.



# **TCEQ** Core Data Form

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

I. Reson for Submission (if other is checked please describe in space provided)         New Permit, Registration or Authorization ( <i>Core Data Form should be submitted with the program application</i> )         I. Renewal ( <i>Core Data Form should be submitted with the renewal form</i> )       Other         2. Attachments       Describe Any Attachments: (ex Tifle V Application, Waste Transporter Application, etc.)         I. Renewal ( <i>Core Data Form should be submitted with the renewal form</i> )       A. Regulated Entity Reference Number ( <i>if issued</i> )         C. No 600691752       Editors this to basech       A. Regulated Entity Reference Number ( <i>if issued</i> )         R. No 00691752       Editors this to basech       RN 102745502         SECTION II: Customer Information       Update to this form. Please check only one of the following:       RN 102745502         Owner       Operator       Operator       Operator       Operator         Occupational Licensee       Responsible Party       Voluntary Cleanup Applicant       Other:         Occupational Licensee       Responsible Party       Voluntary Cleanup Applicant       Other:         T. We Customer:       Corporation       Individual       Sole Proprietorship- D.B.A       End Dates         Change in Legal Name (Verifiable with the Texas Secretary of State)       M So Change*       End Dates         "T''' No Change* and Section I is complete, skip to Section III - Regulated Entity Information.<	SECTIO	NI: G	en	eral Information									
[N] New Permit, Registration or Authorization ( <i>Core Data Form should be submitted with the renewal (Core Data Form should be submitted with the renewal (orne)</i> [Other]         [Renewal ( <i>Core Data Form should be submitted with the renewal (orne)</i> [Other]         [Z] New Permit, Registration or Authorization ( <i>Core Data Form should be submitted with the renewal (orne)</i> [Other]         [Z] New Permit, Registration or Authorization ( <i>Core Data Form should be submitted with the renewal (orne)</i> [A Regulated Entity Reference Number ( <i>If issued</i> )         [Z] New Permit, Registration or Authorization ( <i>If order on File Numbers in Core (If Numers in Core (If Numbers in Core (If Numers in C</i>	1. Reason for Submission (If other is checked please describe in space provided)												
□       Renewal. (Core Data Form should be submitted with the renewal form)       □       Other         2. Attachments       Describe Any Attachments: (ex. Title V Application. Waste Transporter Application, etc.)       □         ☑/res       No       WPAP Report and applicable attachments:       4. Regulated Entity Reference Number (if issued)         3. Customer Reference Number (if issued)       Intervention       4. Regulated Entity Reference Number (if issued)         Settleture Date for Customer Information       Control Name Nameseux:       RN 102745502         SECTION II: Customer Information       Updates (mm/ddyyyy)       April 2008         6. Customer Role (Proposed or Actua) – as it relates to the Regulated Entity Information       □ Other:         □Owner       □ Operator       □ Owner & Operator         □Cocupational Licensee       Responsible Party       □ Voluntary Cleanup Applicant       □ Other:         □. Occupational Licensee       Responsible Party       □ Voluntary Cleanup Applicant       □ Other:         □. Occupational Licensee       Responsible Party       □ Voluntary Cleanup Applicant       □ Other:         □. Customer:       □ Coporation       □ Individual       □ Sole Proprietorship: D.B.A       □         □. Change in Legal Name (Verifiable with the Taxas Socretary of State)       □ Mere Customer:       End Date:         *******************	New Permit, Registration or Authorization (Core Data Form should be submitted with the program application)												
2. Attachments       Describe Any Attachments:       (ar. Tille V Applicable attachments         Qives       No       WPAP Report and applicable attachments         3. Customer Reference Number (If issued)       Color Nin link to seach       4. Regulated Entity Reference Number (If issued)         Schort Name Rhaumbers:       Galo with link to seach       A. Regulated Entity Reference Number (If issued)         Schort Name       Galo with link to seach       RN 102745502         SECTION II: Customer Information       Operator       Quertal Regulated       Color Nin Rhaumbers:         Owner       Operator       Quertal Regulated       Color Nin Rhaumber (If issued)         Owner       Operator       Quertal Regulated Entity Issued       Months Issued       Months Issued         Owner       Operator       Quertal Regulated Entity Color       Months Issued       Months Issued         Change In Legal Name (Verifiable with the Texas Secretary of State)       Months Issued       Months Issued       Months Issued         Other Government       Corporation       Individual       Sole Proprietorship- D.B.A       End Date:         Other Government       General Partnership       Linked Partnership       Other:       Months Issued       End Date:         Solutioner Legal Name (If an individual print last name first ex: Doe, John)       Inew Custoner, enter p	Renewal (Core Data Form should be submitted with the renewal form)												
Set       WPAP Report and applicable attachments         3. Customer Reference Number (// issued)       Follow ihis its issued)       A. Regulated Entity Reference Number (// issued)         Set       Follow ihis its issued)       RN 102745502         SECTION II: Customer Information Updates (mm/dd/yyyy)       April 2008         6. Customer Role (Proposed or Actual)as it refers to the Regulated Entity Isted on this form. Presse check only one of the following:         Owner       Operator       Owner & Operator         C. Customer Information       Operator       No Change in Regulated Entity Ownership Applicant         Owner       Operator       No Change in Regulated Entity Ownership         Change in Legal Name (Verifiable with the Texas Secretary of State)       No Change in Regulated Entity Ownership         New Customer       Corporation       Individual       Sole Proprietorship. D.B.A         City Government       Corporation       Individual       Sole Proprietorship. D.B.A         City Government       County Government       Federal Government       State Government         Other Government       General Partnership       Ulmited Partnership       Other:         9. Customer       War Anders (# applicable)       End Date:         9. Customer       Bao N. Inc.       Interconstrament       End Date:         9. Customer Le	2. Attachmo	ents	1	Describe Any Attachments: (	ex. Title V	Applicat	tion, Was	te Tran	sport	er Application, etc.)			
3. Customer Reference Number (if Issued)       Follow his link to search the CM numbers in Central Registor."       4. Regulated Entity Reference Number (if Issued)         SECTION II: Customer Information Updates (mm/kdyyyy)       A pril 2008         5. Effective Date for Customer Information Updates (mm/kdyyyy)       A pril 2008         6. Customer Role (Proposed or Actual) - as it relates to the Regulated Entity listed on this form. Please check only one of the following:	⊠Yes	No	1	WPAP Report and appli	cable at	ttachr	ments						
CN 600691752       Definit Registry:       RN 102745502         SECTION II: Customer Information Updates (mm/dd/yyyy)       April 2008         6. Customer Role (Proposed or Actual) - as it relates to the <u>Bequilated Entity</u> Isted on this form. Please check only one of the following:         Owner       Operator         Cocupational Licensee       Responsible Party         Owner & Operator       Owner & Operator         Cocupational Licensee       Responsible Party         Owner & Operator       Owner & Operator         Cocupational Licensee       Responsible Party         Change in Legal Name (Verifiable with the Texas Secretary of State)       No Change**         "If "No Change" and Section I is complete, skip to Section III - Regulated Entity Information.       No Change**         "If "No Change" and Section I is complete, skip to Section III - Regulated Entity Information.       Sole Proprietorship- D.B.A         City Government       Control Government       Sole Proprietorship- D.B.A         Below       Innew Customer, enter previous Customer End Date:         T Bar M, Inc.       Sole Proprietorship- D.B.A         City Government       General Partnership       Limited Partnership         10. Mailing Address:       City Dallas       State TX       ZIP 7522.5       ZIP + 4         11. Country Mailing Information (#custide USA)       12. E-	3. Custome	r Referen	ice	Number <i>(if issued)</i>	Follow Ihi	s link to	search	4. F	Regu	lated Entity Refere	ence Numb	er (if issued)	
SECTION II: Customer Information Updates (mm/dd/yyyy)       April 2008         6. Customer Role (Proposed or Actual) = as it relates to the <u>Bequilated Entity</u> isold on fits form. Please check only <u>one</u> of the following:         □ Owner       □ Operator         □ Occupational Licensee       Responsible Party         □ Othange in Legal Name (Verifiable with the Texas Secretary of State) <ul> <li>No Change ''</li> <li>''' ''No Change'' and Section I is complete, skip to Section III – Regulated Entity Information.</li> <li>Regulated Entity Constraint</li> <li>Coustomer:</li> <li>Coustomerer:</li> <li>Coustomerent</li> <li>Cousto Government</li> <li>General Partnership</li> <li>Limited Partnership</li> <li>Other:</li> <li>End Date:</li> </ul> <li>State TX ZIP 75225 ZIP + 4</li> <li>11. Country Mailing Information (# ouside USA)</li> <li>12. E-Mail Address:</li> <li>City Dallas</li> <li>State TX ZIP 75225 ZIP + 4</li> <li>13. Telephone Number         <ul> <li>14. Extension or Code</li> <li>15. Fax Number (# applicable)</li> <li>17416588857</li> <li>17416588857</li> </ul> </li> <li>20. Number of Employees         <ul> <li>21. Independently Owned and Operated?</li> <li>22. General Regulated Entity Information</li> <li>22. General Regulated Entity Information</li></ul></li>	CN 600691752         for CN or RN numbers in Central Registry**         RN 102745502												
5. Effective Date for Customer Information Updates (mm/dd/yyyy)       A pril 2008         6. Customer Role (Proposed or Actua) – as it relates to the <u>Begulated Entity</u> listed on this form. Please check only one of the following:         Owner       Operator         Customer Role (Proposed or Actua) – as it relates to the <u>Begulated Entity</u> listed on this form. Please check only one of the following:         Owner & Operator       Owner & Operator         Occupational Licensee       Responsible Party         Voluntary Cleanup Applicant       Other:         7. General Customer Information       Change in Regulated Entity Ownership         Change in Legal Name (Verifiable with the Texas Secretary of State)       X No Change**         "**/f 'Wo Change" and Section I is complete, skip to Section III – Regulated Entity Information.       Sole Proprietorship- D.B.A         City Government       Coundy Government       Federal Government       State Government         Other Government       General Partnership       Limited Partnership       Other:         9. Customer Legal Name (If an individual, print last name first: ex: Doe, John)       Inew Customer, enter previous Customer       End Date:         10. Mailing       RAC       12. E-Mail Address (# applicable)       13. Telephone Number       14. Extension or Code       15. Fax Number (if applicable)         (214) 6.92-42.54       (13. Didyoby)       17. X State Franchise T	SECTIO	N II: C	Cus	tomer Information									
6. Customer Role (Proposed or Actual) - as it relates to the <u>Begulated Entity</u> listed on this form. Please check only <u>one</u> of the following:         □ Owner       □ Operator       □ Owner & Operator         □ Occupational Licensee       □ Responsible Party       □ Othurary Cleanup Applicant       □ Other:         7. General Customer Information       □ Othange in Legal Name (Verifiable with the Texas Secretary of State)       ○ No Change in Regulated Entity Ownership         □ Ohange in Legal Name (Verifiable with the Texas Secretary of State)       ○ No Change*       ○ No Change*         ***// "No Change" and Section 1 is complete, skip to Section 111 – Regulated Entity Information.       ○ No Change*       ○ No Change*         @ City Government       □ County Government       □ Federal Government       ○ State       ○ Notestomer. enter previous Customer         9. Customer Legal Name (If an individual, print last name first: ex: Doe, John)       Innew Customer, enter previous Customer       End Date:         7 Bar M, Inc.       8201 Preston Road       12. E-Mail Address (If applicable)       13. Telephone Number       14. Extension or Code       15. Fax Number (If applicable)         13. Telephone Number       14. Extension or Code       16. Boderal Tax ID (# applicable)       19. TX SOS Filing Number (# applicable)         20. Number of Employees       12. Independentity Owned and Operated?       24. 10. 0 10.12.50       251.500       501 and higher <td< td=""><td>5. Effective</td><td>Date for (</td><td>Cus</td><td>tomer Information Updates (r</td><td>nm/dd/yy</td><td>уу)</td><td>April</td><td>2008</td><td>8</td><td></td><td></td><td></td></td<>	5. Effective	Date for (	Cus	tomer Information Updates (r	nm/dd/yy	уу)	April	2008	8				
Owner       Operator       Ø Owner & Operator         Occupational Licensee       Responsible Party       Voluntary Cleanup Applicant       Other:         7. General Customer Information       Image in Regulated Entity Ownership       Image in Regulated Entity Ownership         Change in Legal Name (Verifiable with the Texas Secretary of State)       No Change**         ***/*********************************	6. Custome	r Role (Pro	оро	sed or Actual) - as it relates to the	Regulated	Entity li	sted on t	his form	n. Ple	ase check only <u>one</u> of	f the following	1.	
□ Occupational Licensee       □ Responsible Party       □ Voluntary Cleanup Applicant       □ Other:         7. General Customer       □ Update to Customer Information       □ Change in Regulated Entity Ownership         □ New Customer       □ Update to Customer Information       □ Change in Regulated Entity Ownership         □ New Customer       □ Complete, skip to Section III - Regulated Entity Information.       ③ No Change**         8. Type of Customer:       □ Complete, skip to Section III - Regulated Entity Information.       ③ No Change**         9. Other Government       □ County Government       □ Individual       □ Sole Proprietorship- D.B.A         □ Other Government       □ General Partnership       □ Limited Partnership       □ Other:         9. Customer Legal Name (If an individual, print last name first: ex: Doe, John)       If new Customer, enter previous Customer       End Date:         7. Bar M, Inc.	Owner			Operator	$\boxtimes$	Owner a	& Opera	ltor					
7. General Customer Information         New Customer       Update to Customer Information       Change in Regulated Entity Ownership         Change in Legal Name (Verifiable with the Texas Secretary of State)       No Change**       No Change**         "If "No Change" and Section I is complete, skip to Section III – Regulated Entity Information.       No Change**       No Change**         8. Type of Customer:       © Corporation       Individual       © Sole Proprietorship- D.B.A         © City Government       © County Government       © Federal Government       © State Government         9. Customer Legal Name (If an individual, print last name first: ex: Doe, John)       If new Customer, enter previous Customer       End Date:         9. Customer Legal Name (If an individual, print last name first: ex: Doe, John)       If new Customer, enter previous Customer       End Date:         9. Customer Legal Name (If an individual, print last name first: ex: Doe, John)       If new Customer, enter previous Customer       End Date:         9. Customer Legal Name (If an individual, print last name first: ex: Doe, John)       If new Customer, enter previous Customer       End Date:         9. Customer Legal Name (If an individual, print last name first: ex: Doe, John)       If new Customer, enter previous Customer       End Date:         10. Mailing       Address:       City       Dallas       State       TX       ZIP       75225       ZIP +		onal Licen	see	Responsible Party	□ \	/olunta	ry Clear	nup Ap	plica	nt Other:			
New Customer       Update to Customer Information       Change in Regulated Entity Ownership         Change in Legal Name (Verifiable with the Texas Secretary of State)       No Change**         "If "No Change" and Section I is complete, skip to Section III – Regulated Entity Information.       No Change**         8. Type of Customer:       Corporation       Individual       Sole Proprietorship- D.B.A         City Government       County Government       Federal Government       State Government         Other Government       General Partnership       Limited Partnership       Other:         9. Customer Legal Name (If an individual, print last name first: ex. Doe, John)       Inew Customer, enter previous Customer       End Date:         7 Bar M, Inc.       8201 Preston Road       12. E-Mail Address (If applicable)       Inew Customer (If applicable)         11. Country Mailing Information (If outside USA)       12. E-Mail Address (If applicable)       IP 4         13. Telephone Number       14. Extension or Code       15. Fax Number (If applicable)       IP 4         14. Extension or Code       15. Fax Number (If applicable)       IP 4       IP 4         741 658885       174 16588857       120. Independently Owned and Operated?       IP 4         0.02 \quarket 21.100       101-250       251 500       501 and higher       Yes       No <td colsp<="" td=""><td>7. General (</td><td>Customer</td><td>Inf</td><td>ormation</td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td></td>	<td>7. General (</td> <td>Customer</td> <td>Inf</td> <td>ormation</td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td>	7. General (	Customer	Inf	ormation				-				
□ Change in Legal Name (Verifiable with the Texas Secretary of State)       □ No Change**         **/f "No Change" and Section I is complete, skip to Section III – Regulated Entity Information.         8. Type of Customer:       □ Corporation       □ Individual       □ Sole Proprietorship- D.B.A         □ City Government       □ County Government       □ Sole Proprietorship- D.B.A         □ Other Government       □ General Partnership       □ Utimited Partnership       □ Other:         9. Customer Legal Name (II an individual, print last name first: ex: Doe, John)       If new Customer, enter previous Customer End Date:         T Bar M, Inc.	New Cus	stomer			date to Cu	Istome	r Inform	ation	_	Change in	Regulated	Entity Ownership	
"If "No Change" and Section I is complete, skip to Section III – Regulated Entity Information.         8. Type of Customer:	Change i	n Legal Na	ame	(Verifiable with the Texas Seci	retary of S	state)				No Chang	<u>e**</u>	_	
8. Type of Customer:       ○ Corporation       □ Individual       □ Sole Proprietorship- D.B.A         ○ City Government       ○ County Government       □ State Government       □ State Government         ○ Other Government       ○ General Partnership       □ Limited Partnership       ○ Other:         9. Customer Legal Name (If an individual, print last name first: ex: Doe, John)       If new Customer, enter previous Customer       End Date:         9. Customer Legal Name (If an individual, print last name first: ex: Doe, John)       If new Customer, enter previous Customer       End Date:         9. Customer Legal Name (If an individual, print last name first: ex: Doe, John)       If new Customer, enter previous Customer       End Date:         9. Customer Legal Name (If an individual, print last name first: ex: Doe, John)       If new Customer, enter previous Customer       End Date:         9. Customer Legal Name (If an individual, print last name first: ex: Doe, John)       If new Customer, enter previous Customer       End Date:         10. Mailing       Address:       8201 Prestorn Road       12       If new Customer, enter previous Customer       End Date:         10. Mailing       Bala S       State       TX       ZIP       75225       ZIP + 4          11. Country Mailing Information (If autside USA)       12. E-Mail Address:       [830 ] 625-SQS9_U (CR - ] 1/US       [830 ] 625-SQS9_U (CR - ] 1/US       <	**If "No Cha	nge" and	l Se	ction I is complete, skip to Se	ection III -	- Regu	lated E	ntity In	nforn	nation.			
□ City Government       □ County Government       □ Federal Government       □ State Government         □ Other Government       □ General Partnership       □ Limited Partnership       □ Other:         9. Customer Legal Name (If an individual, print last name first: ex: Doe, John)       If new Customer, enter previous Customer below       End Date:         9. Customer Legal Name (If an individual, print last name first: ex: Doe, John)       If new Customer, enter previous Customer below       End Date:         9. Customer Legal Name (If an individual, print last name first: ex: Doe, John)       If new Customer, enter previous Customer below       End Date:         9. Customer Legal Name (If an individual, print last name first: ex: Doe, John)       If new Customer, enter previous Customer below       End Date:         9. Customer Legal Name (If an individual, print last name first: ex: Doe, John)       If new Customer, enter previous Customer below       End Date:         10. Mailing Address:       8201 Preston Road       It       It       End Date:       End Date:         11. Country Mailing Information (if outside USA)       12. E-Mail Address:       It applicable)       It applicable)         ( 214 ) 692-4254       It       It       Extension or Code       15. Fax Number (if applicable)         ( 214 ) 692-4254       It       It       Extension or Code       15. Fax Number (if applicable)         ( 214 ) 692-4254<	8. Type of C	ustomer:		Corporation		ndividu	ial			Sole Proprietors	hip- D.B.A		
□ Other Government       □ General Partnership       □ Limited Partnership       □ Other:         9. Customer Legal Name (II an individual, print last name first: ex: Doe, John)       If new Customer, enter previous Customer       End Date:         T Bar M, Inc.       8201 Preston Road       Image: City       State       TX       ZIP       75225       ZIP + 4         10. Mailing Address:       City       Dallas       State       TX       ZIP       75225       ZIP + 4         11. Country Mailing Information (If outside USA)       12. E-Mail Address (If applicable)       Image: City       State       TX       ZIP       75225       ZIP + 4         13. Telephone Number       14. Extension or Code       15. Fax Number (If applicable)       Image: City       State       T       State       T       State       T       State       T       State       State<	🗌 City Gov	ernment		County Government	E F	edera	Govern	nment		State Governme	nt	5	
9. Customer Legal Name (If an individual, print last name first: ex: Doe, John)       If new Customer, enter previous Customer End Date:         T Bar M, Inc.       8201 Preston Road         10. Mailing Address:       201 Preston Road         City Dallas         City Dallas         State TX ZIP 75225 ZIP + 4         11. Country Mailing Information (if outside USA)         12. E-Mail Address (if applicable)         IS. Telephone Number         (1 / 1. Country Mailing Information (if outside USA)         18. E-Mail Address (if applicable)         IS. Telephone Number         (1 / 1. Country Mailing Information (if outside USA)         18. E-Mail Address (if applicable)         (I applicable)         (I applicable)         (2 14 ) 692-4254         (1 / 1. Country Mailing Information (if outside USA)         18. DUNS Number (if applicable)         (I applicable)         (1 / 1. Country Mailing Information (if outside USA)         11. TX State Franchise Tax ID (1) digits)         18. DUNS Number (if applicable)         (1 Independently Owned and Operated?         0.20      <	Other Go	overnment	t	General Partnership		_imited	Partner	ship		Other:			
T Bar M, Inc.          8201 Preston Road         10. Mailing Address:         City       Dallas         State       TX         ZIP       75225         ZIP + 4         11. Country Mailing Information (# outside USA)         12. E-Mail Address (# applicable)         (214)       692-4254         13. Telephone Number       14. Extension or Code         15. Fax Number (# applicable)         (214)       692-4254         16. Federal Tax ID (# digits)       17. TX State Franchise Tax ID (11 digits)         18. DUNS Number(# applicable)         741658885       17416588857         20. Number of Employees       21. Independently Owned and Operated?         0-20       21-100       101-250       251-500       501 and higher         22. General Regulated Entity Information (# New Regulated Entity" is selected below this form should be accompanied by a permit application)         New Regulated Entity       Update to Regulated Entity Information         23. Regulated Entity       Update to Regulated Entity Name       Update to Regulated Entity. No Change** (See below)         "If "NO CHANGE" is checked and Section I is complete, skip to Section IV, Preparer Information.       23. Regulated Entity Name (name of the site where the regulated action is taking place)	9. Custome	r Legal Na	ame	(If an individual, print last name fir	rst: ex: Doe	, John)	<u>     </u>	new Cu	istom	ner, enter previous C	ustomer	End Date:	
10. Mailing Address:       8201 Preston Road         Io. Mailing Address:       State       TX       ZIP       75225       ZIP + 4         11. Country Mailing Information (if outside USA)       12. E-Mail Address (if applicable)         13. Telephone Number       14. Extension or Code       15. Fax Number (if applicable)         (214) 692-4254       (830) 625-5959 (c) (R) - 174/5         16. Federal Tax ID (g digits)       17. TX State Franchise Tax ID (11 digits)       18. DUNS Number((if applicable)       19. TX SOS Filling Number (if applicable)         741658885       17416588857       21. Independently Owned and Operated?       0.20       21.100       101-250       251-500       501 and higher       Yes       No         SECTION III: Regulated Entity Information (if 'New Regulated Entity' is selected below this form should be accompanied by a permit application)         Mew Regulated Entity       Update to Regulated Entity Name       Update to Regulated Entity Information       Mo Change** (see below)         *'If 'NO CHANGE'' is checked and Section 1/s complete, skip to Section IV, Prepare Information.         23. Regulated Entity Name (name of the site where the regulated action is taking place)       Section IV, Prepare Information.	T Bar M	Inc					De	1010					
10. Mailing Address:       Image: State of the store in the steware of		82011	Dre	eston Pond					_	· · · · ·			
Address:       City       Dallas       State       TX       ZIP       75225       ZIP + 4         11. Country Mailing Information (# outside USA)       12. E-Mail Address (# applicable)         13. Telephone Number       14. Extension or Code       15. Fax Number (if applicable)         (214) 692-4254       (830) 625-5959. (C) (R) - 17 (R) (2)         16. Federal Tax ID (9 digits)       17. TX State Franchise Tax ID (11 digits)       18. DUNS Number (if applicable)       19. TX SOS Filing Number (if applicable)         741658885       17416588857       21. Independently Owned and Operated?       21. Independently Owned and Operated?         0-20       21-100       101-250       251-500       501 and higher       Yes       No         SECTION III: Regulated Entity Information         22. General Regulated Entity Information (If 'New Regulated Entity'' is selected below this form should be accompanied by a permit application)         New Regulated Entity       Update to Regulated Entity Information       No Change** (see below)         "I'f 'NO CHANGE'' is checked and Section I is complete, skip to Section IV, Preparer Information.         23. Regulated Entity Name (name of the site where the regulated action is taking place)       31 staking place)	10. Mailing	02011											
City       Dallas       State       TX       ZIP       75225       ZIP + 4         11. Country Mailing Information (if outside USA)       12. E-Mail Address (if applicable)         13. Telephone Number       14. Extension or Code       15. Fax Number (if applicable)         ( 214 ) 692-4254       ( 830 ) 625-5959 (C) (R - 17 (C))         16. Federal Tax ID (9 digits)       17. TX State Franchise Tax ID (11 digits)       18. DUNS Number(if applicable)       19. TX SOS Filing Number (if applicable)         741658885       17416588857       21. Independently Owned and Operated?         0-20       21-100       101-250       251-500       501 and higher       21. Independently Owned and Operated?         SECTION III: Regulated Entity Information       [// New Regulated Entity" is selected below this form should be accompanied by a permit application)         New Regulated Entity       Update to Regulated Entity Information       [// No Change** (see below)         **It "NO CHANGE" is checked and Section 1 is complete, skip to Section IV, Preparer Information.       [// No Change** (see below)         **It "NO CHANGE" is checked and Section 1 is taking place)       3. Regulated Entity Name (name of the site where the regulated action is taking place)	Address:												
11. Country Mailing Information (if outside USA)       12. E-Mail Address (if applicable)         13. Telephone Number       14. Extension or Code       15. Fax Number (if applicable)         (214) 692-4254       (830) 625-5959       0 9 - 1745         16. Federal Tax ID (9 digits)       17. TX State Franchise Tax ID (11 digits)       18. DUNS Number(if applicable)       19. TX SOS Filing Number (if applicable)         741658885       17416588857       17416588857       19. TX SOS Filing Number (if applicable)         20. Number of Employees       21. Independently Owned and Operated?         0-20       21-100       101-250       251-500       501 and higher       Yes       No         SECTION III: Regulated Entity Information (If 'New Regulated Entity' is selected below this form should be accompanied by a permit application)         \vee New Regulated Entity Unformation (If 'New Regulated Entity' is selected below this form should be accompanied by a permit application)         \vee New Regulated Entity Information (If 'New Regulated Entity' is selected below this form should be accompanied by a permit application)         \vee New Regulated Entity Information (If 'New Regulated Entity' is selected below this form should be accompanied by a permit application)         \vee New Regulated Entity Name (name of the site where the regulated action is taking place)		City	Γ	Dallas	State	TX		ZIP	75	225	ZIP + 4		
13. Telephone Number       14. Extension or Code       15. Fax Number (if applicable)         (214) 692-4254       (830) 625-5959. (C)	11. Country	Mailing Ir	nfoi	mation (if outside USA)			12. E-	Mail A	ddre	SS (if applicable)			
13. Telephone Number       14. Extension or Code       15. Fax Number (if applicable)         ( 214 ) 692-4254       ( 830 ) 625-5959 ( 0 0 / 2 - 17 0 / 5)         16. Federal Tax ID (9 digits)       17. TX State Franchise Tax ID (11 digits)       18. DUNS Number(if applicable)         741658885       17416588857         20. Number of Employees       21. Independently Owned and Operated?         0-20       21-100       101-250       251-500       501 and higher       Yes       No         SECTION III: Regulated Entity Information         Update to 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       No Change** (see below)         "If "NO CHANGE" is checked and Section I is complete, skip to Section IV, Preparer Information.         23. Regulated Entity Name (name of the site where the regulated action is taking place)													
(214) 692-4254       (830) 625-5959 (○ Q - ) 7 (25)         16. Federal Tax ID (9 digits)       17. TX State Franchise Tax ID (11 digits)       18. DUNS Number(il applicable)       19. TX SOS Filing Number (il applicable)         741658885       17416588857       21. Independently Owned and Operated?         0-20       21-100       101-250       251-500       501 and higher       Yes       No         SECTION III: Regulated Entity Information (If 'New Regulated Entity'' is selected below this form should be accompanied by a permit application)         Q. New Regulated Entity       Update to Regulated Entity Information (If 'New Regulated Entity'' is selected below this form should be accompanied by a permit application)         Mew Regulated Entity       Update to Regulated Entity Information (If 'New Regulated Entity'' is checked and Section I's complete, skip to Section IV, Preparer Information.         23. Regulated Entity Name (name of the site where the regulated action is taking place)	13. Telephor	ne Numbe	er	14	. Extensi	on or (	Code			15. Fax Numbe	r (if applical	ble)	
16. Federal Tax ID (9 digits)       17. TX State Franchise Tax ID (11 digits)       18. DUNS Number(if applicable)       19. TX SOS Filing Number (if applicable)         741658885       17416588857       21. Independently Owned and Operated?         0.20       21-100       101-250       251-500       501 and higher       Yes       No         SECTION III: Regulated Entity Information (If 'New Regulated Entity" is selected below this form should be accompanied by a permit application)         ○ New Regulated Entity       ○ Update to Regulated Entity Name       ○ Update to Regulated Entity Information       ○ No Change** (See below)         *"If "NO CHANGE" is checked and Section I is complete, skip to Section IV, Preparer Information.         23. Regulated Entity Name (name of the site where the regulated action is taking place)       Is complete, skip to Section IV, Preparer Information.	(214)69	2-4254					40 DU			( 830 ) 625	-5959 W	08-1745	
20. Number of Employees       21. Independently Owned and Operated?         ○ 0.20       21-100       101-250       251-500       501 and higher       Yes       No         SECTION III: Regulated Entity Information         22. General Regulated Entity Information (If 'New Regulated Entity" is selected below this form should be accompanied by a permit application)         ○ New Regulated Entity       ○ Update to Regulated Entity Name       ○ Update to Regulated Entity Information         ○ No       ○ CHANGE" is checked and Section I is complete, skip to Section IV, Preparer Information.         23. Regulated Entity Name (name of the site where the regulated action is taking place)       >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	16. Federal 74165888	1 ax ID (9 di 15	ligits)	17. 1X State Franchise 1a	(ID (11 dig	its)	18. DUI	NS NUI	mbe	r(il applicable) 19. T)	( SOS Filing	g Number (il applicable)	
□ 0-20       □ 21-100       □ 101-250       □ 251-500       □ 501 and higher       □ Yes       □ No         SECTION III: Regulated Entity Information         22. General Regulated Entity Information (If 'New Regulated Entity" is selected below this form should be accompanied by a permit application)         □ New Regulated Entity       □ Update to Regulated Entity Name       □ Update to Regulated Entity Information         □ No       CHANGE" is checked and Section I is complete, skip to Section IV, Preparer Information.         23. Regulated Entity Name (name of the site where the regulated action is taking place)	20. Number	of Employ	yee	S						21. Independ	lently Owne	ed and Operated?	
SECTION III: Regulated Entity Information         22. General Regulated Entity Information (If 'New Regulated Entity" is selected below this form should be accompanied by a permit application)         ☑ New Regulated Entity       □ Update to Regulated Entity Name       □ Update to Regulated Entity Information       ☑ No Change** (See below)         **If "NO CHANGE" is checked and Section I is complete, skip to Section IV, Preparer Information.         23. Regulated Entity Name (name of the site where the regulated action is taking place)	0-20	21-100		101-250 251-500	🗌 501 ai	nd high	ner				/es	No No	
22. General Regulated Entity Information (If 'New Regulated Entity'' is selected below this form should be accompanied by a permit application)            \[             New Regulated Entity	SECTION	N III: F	Ree	ulated Entity Inform	nation	¥							
New Regulated Entity Update to Regulated Entity Name Update to Regulated Entity Information No Change** (See below) **If "NO CHANGE" is checked and Section I is complete, skip to Section IV, Preparer Information. 23. Regulated Entity Name (name of the site where the regulated action is taking place)	22 Ganaral	Regulater		tity Information (If 'New Regu	lated Enti	tv" ic c	elected	helow	thic f	orm should be acco	mnaniad hy	a nermit application)	
""If "NO CHANGE" is checked and Section I is complete, skip to Section IV, Preparer Information.      23. Regulated Entity Name (name of the site where the regulated action is taking place)	22. General negulated Entity Information (in New negulated Entity is selected below this form should be accompanied by a permit application)												
23. Regulated Entity Name (name of the site where the regulated action is taking place)	KA NEW Ney		ity	**If "NO CHANGE" is checked a	and Section	l is com	plete. sk	ip to Sec	ction	IV. Preparer Information	n. <u>Kana</u>	(Jee Delow)	
	23. Regulated Entity Name (name of the site where the regulated action is taking place)												
T Bar M. Inc	T Bar M.	Inc					3						
24. Street Address	254	9 SH 46 We	st										
---	--------------------	------------------	--------------	----------	-----------------	-------------------------	---------	--------------------------	-------------	--------------------------	--------------------------	-----------	-------------------
of the Regulated													
(No P.O. Boxes)	City	New Brau	nfels		State	TX		ZIP	78	132		ZIP + 4	
	Sam	ie											
25. Mailing Address:													
	City				State		1	ZIP				ZIP + 4	
26. E-Mail Address:	sti	urpin@tbarm	.com										
27. Telephone Numbe	er			28.	Extensio	n or Code		29.	Fax I	Number (if a	applicable)		
( 830 ) 625-7738								( 8	30 <b>)</b>	620-601	8		
30. Primary SIC Code	(4 digits)	31. Second	ary SIC	Code	(4 digits)	32. Prim (5 or 6 dig	ary NA	AICS (	Code	<b>33</b> (5 c	. Second or 6 digits)	lary NAIC	S Code
7011		7999				72121	4			71	.394		
34. What is the Prima	ry Busi	ness of this ent	ity? (F	lease	do not rep	eat the SIC	or NAK	CS des	scriptic	on.)			
resort, sports faci	lities,	meeting and	dining	g fac	ilities								
Q	uestior	is 34 – 37 addre	ss geog	raphi	c locatio	n. Please	refer t	to the	instr	uctions fo	r applica	bility.	
<b>35. Description to</b> <b>Physical Location:</b> south side of SH 46, 1/2 mile northwest of the intersection of FM 1863													
36. Nearest City				Cou	nty			S	State			Nearest	ZIP Code
New Braunfels				Сог	nal			1	ΓХ			78132	
37. Latitude (N) In De	Decimal: 29.724167			38. Lonç			ngitud	ude (W) In Decimal: 98.1			98.18	36944	
Degrees	Minutes		Seconds	3		Degree	;			Minutes		Sec	onds
29	43		27			98				11		13	
39. TCEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this form or the updates may not be made. If your Program is not listed, check other and write it in. See the Core Data Form instructions for additional guidance													
Dam Safety		Districts			Edwards /	Aquifer		🗌 In	dustria	al Hazardous	s Waste	Munic	cipal Solid Waste
New Source Review -	Air [	OSSF			Petroleum	Storage Ta	ank	D PI	WS			Sludg	le
Stormwater		] Title V – Air			Tires			υ	lsed C			🛛 Utiliit	ies
									proving				
Voluntary Cleanup		_ Waste Water			Wastew	ater Agricul	ture		Vater F	Rights		U Other	•
										************************			
SECTION IV: P	repa	rer Inform	<u>ation</u>										
40. Name: David	M Mo	Beth, P.E.					41. T	itle:	S	r Project	t Mana	ger	
42. Telephone Number		43. Ext./Code	4	4. Fax	Number		45.	E-Mai	il Adc	iress			
(210) 494-0088		6352	(	210	<b>)</b> 494-45	525	dav	vid.n	ncbe	th@jaco	bs.con	n	

# **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 9 and/or as required for the updates to the ID numbers identified in field 39.

(See the Core Data Form instructions for more information on who should sign this form.)

Company:	Jacobs Carter Burgess	Job Title:	Project	Engineer	
Name(In Print):	David McBeth			Phone:	(210)494-0088
Signature:				Date:	4/24/2008

#### GENERAL INFORMATION FORM FOR REGULATED ACTIVITIES ON THE EDWARDS AQUIFER RECHARGE AND TRANSITION ZONES AND RELATING TO 30 TAC §213.4(b) & §213.5(b)(2)(A), (B) EFFECTIVE JUNE 1, 1999

PROJECT NAME: <u>T Bar M</u>			
COUNTY: <u>Comal</u>		STREAM BA	SIN: Blieders Creek
EDWARDS AQUIFER:	<u>X RECHARGE ZO</u> TRANSITION ZO	ONE ONE	
PLAN TYPE:	<u>X</u> WPAP SCS	AST UST	EXCEPTION MODIFICATION

#### APPLICANT INFORMATION

1. Applicant:

Contact Person: <u>Scott Turpin</u> Entity: <u>T Bar M, Inc. / Center for Christian Growth</u> Mailing Address: <u>8201 Preston Road</u> City, State: <u>Dallas, Texas</u> Zip: <u>75225</u> Telephone: <u>214-692-4254</u> FAX: <u>830-625-5959</u>

2. Agent/Representative (If any):

Contact Person: Jeff MoellerEntity:Carter & Burgess, Inc.Mailing Address:911 Central Parkway North, Suite 425City, State:San Antonio, TexasZip:78232Telephone:210-494-0088FAX:210-494-4525

## PROJECT LOCATION

- 3. Site Address: <u>2549</u> Street: <u>Highway 46 West</u> City: <u>New Braunfels, Texas</u> Zip: <u>78132</u>
- 4. X This project is inside the city limits of <u>New Braunfels</u>
  - This project is outside the city limits but inside the ETJ (extra-territorial jurisdiction) of

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

5. The location of the project site is described below. The description provides sufficient detail and clarity so that the TNRCC's Regional staff can easily locate the project and site boundaries for a field investigation.

Project is located within the limits of the existing T Bar M property located at 2549 Highway 46 West on the west side of New Braunfels.

- 6. <u>X</u> **ATTACHMENT A ROAD MAP**. A road map showing directions to and the location of the project site is attached at the end of this form.
- 7. X ATTACHMENT B USGS / EDWARDS RECHARGE ZONE MAP. A copy of the official 7 ½ minute USGS Quadrangle Map (Scale: 1" = 2000') of the Edwards Recharge Zone is attached behind this sheet. The map(s) should clearly show:
  - X Project site.
  - X USGS Quadrangle Name(s).
  - X Boundaries of the Recharge Zone (and Transition Zone, if applicable).
  - X Drainage path from the project to the boundary of the Recharge Zone.
- 8. <u>X</u> Sufficient survey staking is provided on the project to allow TNRCC regional staff to locate the boundaries and alignment of the regulated activities and the geologic or manmade features noted in the Geologic Assessment. The TNRCC must be able to inspect the project site or the application will be returned.
- 9. <u>X</u> ATTACHMENT C PROJECT DESCRIPTION. Attached at the end of this form is a detailed narrative description of the proposed project.
- 10. Existing project site conditions are noted below:
  - \_\_\_\_ Existing commercial site
  - Existing industrial site
  - Existing residential site
  - Existing paved and/or unpaved roads
  - Undeveloped (Cleared)
  - Undeveloped (Undisturbed/Uncleared)
  - X Other: Part of Resort Hotel development

## **PROHIBITED ACTIVITIES**

- 11. X I am aware that the following activities are prohibited on the **Recharge Zone** and are not proposed for this project:
  - (1) waste disposal wells regulated under 30 TAC Chapter 331 of this title (relating to Underground Injection Control);
  - (2) new feedlot/concentrated animal feeding operations, as defined in 30 TAC §213.3;
  - (3) land disposal of Class I wastes, as defined in 30 TAC §335.1;
  - (4) the use of sewage holding tanks as parts of organized collection systems; and
  - (5) new municipal solid waste landfill facilities required to meet and comply with Type I standards which are defined in §330.41(b), (c), and (d) of this title (relating to Types of Municipal Solid Waste Facilities).
- 12. <u>X</u> I am aware that the following activities are prohibited on the **Transition Zone** and are not proposed for this project:
  - (1) waste disposal wells regulated under 30 TAC Chapter 331 (relating to Underground Injection Control);



#### Attachment C - Project Description

T Bar M is located east of FM 1863 on the south side of Highway 46 (See Location Map). T Bar M is a recreational camp and resort with cabins, hotel, tennis courts, baseball field, etc, all approved under an existing WPAP. The site has a low density and the rural characteristics are maintained throughout the facility. The proposed improvements will retain the rural setting, keeping as much of the surrounding area undisturbed. This WPAP is for the addition of a swimming pool, tennis courts, cabin, and roads/parking. The proposed layout requires that some of the existing impervious cover be remove and restored to landscaping. The existing impervious cover for the site is 1.79 acres. After proposed improvements are completed the impervious cover will be 3.46 acres. Construction of this project as shown on the Site Plan will be phased. The phasing could occur over several years, dependent on the owner.

Barry R. McBee, *Chairman* R. B. "Ralph" Marquez, *Commissioner* John M. Baker, *Commissioner* Jeffrey A. Saitas, *Executive Director* 

~~ ,



DEC 2 9 1998 COUNTY ROAD DEPT.

# **TEXAS NATURAL RESOURCE CONSERVATION COMMISSION**

Protecting Texas by Reducing and Preventing Pollution

December 18, 1998

Mr. Scott Turpin T-Bar-M, Inc. 8201 Preston Road, Suite 310 LB13 Dallas, TX 75225

act of violation and for each day of violation.

Re: EDWARDS AQUIFER, Comal County
 PROJECT: T-Bar-M, Inc., Project number 1096, Located on south side of Hwy 46 approximately 2 miles west of Loop 334, , New Braunfels, Texas
 TYPE: Request for Approval of Water Pollution Abatement Plan (WPAP); 30 Texas Administrative Code (TAC) §213.5(b); Edwards Aquifer Protection Program

Dear Mr. Turpin:

The Texas Natural Resource Conservation Commission (TNRCC) has completed their review of the request for modification of an approved WPAP for the referenced project that was submitted on behalf of T-Bar-M, Inc. by The Schultz Group and received by the San Antonio office on September 28, 1998.

## PROJECT DESCRIPTION

This facility was previously approved by letter dated July 1, 1998. As presented, the proposed modification to the water pollution abatement plan will consist of relocation of buildings and asphalt drives. As presented, the revisions "do not change the approved Temporary Pollution or the Permanent Pollution Abatement Plans that were submitted and approved on July 1, 1998...", and "...there are no changes to the approved Organized Sewer Collection System (Approval letter dated May 28, 1998)."

## APPROVAL

The plan for modifying this project has been reviewed for compliance with 30 TAC §213.5(b) which sets forth pollution abatement criteria for any development on the recharge zone of the Edwards Aquifer. The proposed water pollution abatement plan modification is in general agreement with 30 TAC §213.5(b); therefore, approval of the plan is hereby granted subject to the specific conditions listed below. Failure to comply with any of the following conditions, the deed recordation requirement, or any other specific conditions of approval is a violation of these rules. Pursuant to §26.136 of the Texas Water Code, any violations of the Edwards Aquifer Rules may result in administrative penalties of up to \$10,000 for each

REPLY TO: REGION 13 • 140 HEIMER RD., STE. 360 • SAN ANTONIO, TEXAS 78232-5042 • 210/490-3096 • FAX 210/545-4329

Mr. Scott Turpin December 18, 1998 Page 2

604

#### SPECIAL CONDITIONS OF APPROVAL

- 1. If any potential sensitive features are encountered during construction, a geologist shall evaluate the significance of the features. The evaluation shall include representative photographs and a description of the feature forwarded to the San Antonio office. Construction in the vicinity of the features may only continue with written approval from the TNRCC.
- 2. This modification is subject to all Special and Standard Conditions listed in the WPAP approval letter of July 1, 1998.
- 3. All permanent pollution abatement measures shall be operational prior to completion of construction.
- 4. After completion of the project, submit as-built plans prepared by a Texas licensed professional engineer.

Should clarification of this letter be desired or if we may be of any other assistance, please contact John Mauser of our San Antonio Regional office at 210/403-4024. Please reference project number 1096.

Sincerely, Pallevel

Aleffrey A. Saitas, P.E. Executive Director Texas Natural Resource Conservation Commission

JAS/JKM/eg

Enclosure: Deed Recordation Form

cc John Moy, The Schultz Group, Inc. Harry Bennett, City of New Braunfels Tom Hornseth, Comal County Greg Ellis, Edwards Aquifer Authority TNRCC Field Operations, Austin



Secondary highway, Topography from aerial photographs by photogrammetric methods Aerial photographs taken 1956. Field check 1958 1 KILOMETRE Unimproved road\_\_\_\_\_ hard surface 0°28' 8½\* 8 MILS CONTOUR INTERVAL 10 FEET DASHED LINES REPRESENT 5-FOOT CONTOURS NATIONAL GEODETIC VERTICAL DATUM OF 1929 🗍 Interstate Route 🌐 U. S. Route 🔵 State Route Polyconic projection. 1927 North American datum 10,000-foot grid based on Texas coordinate system, TEXAS south central zone NEW BRAUNFELS EAST, TEX. 1000-metre Universal Transverse Mercator grid ticks, UTM GRID AND 1973 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET zone 14, shown in blue QUADRANGLE LOCATION THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092 A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST N2937.5-W9800/7.5 Revisions shown in purple compiled by the Geological Survey from aerial photographs taken 1973. This information not field checked 2998 414 1958 PHOTOREVISED 1973 AMS 6343 II NE SERIES V882 Purple tint indicates extension of urban areas





#### GEOLOGIC ASSESSMENT FOR REGULATED ACTIVITIES ON THE EDWARDS AQUIFER RECHARGE/TRANSITION ZONES AND RELATING TO 30 TAC §213.5(b)(3), EFFECTIVE JUNE 1, 1999

PROJECT NAME:	Pool and Ca	bin Impro	ovements – T Bar M	Ranch
TYPE OF PROJECT:	X WPAP	_ AST	SCS	_UST
LOCATION OF PROJECT:	X_Recharge	Zone _	Transition Zone	Contributing Zone within the Transition Zone

#### PROJECT INFORMATION

- 1. <u>X</u> Geologic or manmade features are described and evaluated using the attached **GEOLOGIC ASSESSMENT TABLE**.
- 2. Soil cover on the project site is <u>0 to 0.5</u> feet thick. In general, the soil present appears to have the ability to:

<u>x</u> transmit fluid flow to the subsurface.

- 3. X SOILS ATTACHMENT. A narrative description of soil units and a soil profile, including thickness and hydrologic characteristics are attached at the end of this form.
- 4. <u>X</u> A **STRATIGRAPHIC COLUMN** is attached at the end of this form that shows formations, members, and thicknesses. The outcropping unit should be at the top of the stratigraphic column.
- 5. X A NARRATIVE DESCRIPTION OF SITE SPECIFIC GEOLOGY is attached at the end of this form. The description must include a discussion of the potential for fluid movement to the Edwards Aquifer, stratigraphy, structure, and karst characteristics of the site.
- 6. X Appropriate SITE GEOLOGIC MAP(S) are attached:

The Site Geologic Map must be the same scale as the applicant's Site Plan. The minimum scale is 1" : 400'

Applicant's Site Plan Scale	1" = _	50	
Site Geologic Map Scale	1" =	<u>5</u> 0	'

- 7. Method of collecting positional data:
  - X Global Positioning System (GPS) technology.
    - \_\_\_\_Other method(s).
- 8. X The project site is shown and labeled on the Site Geologic Map.
- 9. X Surface geologic units are shown and labeled on the Site Geologic Map.

- 10. X Geologic or manmade features were discovered on the project site during the field investigation. They are shown and labeled on the Site Geologic Map and are described in the attached Geologic Assessment Table.
  Geologic or manmade features were not discovered on the project site during the field investigation.
- 11. X The Recharge Zone boundary is shown and labeled, if appropriate.
- 12. All known wells (test holes, water, oil, unplugged, capped and/or abandoned, etc.):
  - \_\_\_\_ There are \_\_\_\_(#) wells present on the project site and the locations are shown and labeled. (Check all of the following that apply.)
    - \_\_\_\_ The wells are not in use and have been properly abandoned.
    - The wells are not in use and will be properly abandoned.
    - The wells are in use and comply with 16 TAC §76.
  - X There are no wells or test holes of any kind known to exist on the project site.

ADMINISTRATIVE INFORMATION

13. X One (1) original and three (3) copies of the completed assessment has been provided.

Date(s) Geologic Assessment was performed: August 8, 2002

Date(s)

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

Jeffrey S. Neathery Print Name of Geologist

of Geologist

Representing: <u>Arias & Kezar</u> (Name of Company) 210-930-5959 Telephone

<u>210-930-6262</u> Fax

August 13, 2002 \_\_\_\_\_ Date

Pool and Cabin Improvements - T Bar M Ranch							h						
FEATUR PHYSICAL SETTING													
1A	1 1	3				14			15		16		17
LOCATION	TYPSE A	REA (A	CRES)		TOPO	GRAP	-1Y (2)		SUB- TOTAL	POTENTIAL RECHARGE		iL iE	COM- MENTS
	5	10	15	0	5	10	15	20					
	10	<50	>50	W A L L	H I L L T O P	H I L S I D E	FLOODPLAIN	S T R E A M B E D		N O N E / L O W <15	M O D E R A T E 15-20	н І І Н	Y E S
S-1	MS				5				10	10			Yes
S-2	NS				5				10	10			Yes
S-3	MS				5				10	10			Yes
S-4	S	10					15		25			25	Yes
S-5	CS		1		5				10	10			Yes
					******								
l													
l	1	1				<b> </b>							
	1											1	
l	1	1											
<b> </b>	1	t	<u> </u>			<b> </b>							
	+	1											
l	+	<u> </u>	[										
l	+	<u> </u>											
l	+												
			<b> </b>										
<b>}</b>	+	┝───		<u> </u>		<u> </u>						$\vdash$	
	+												
L	1	L	1	L	L	L			L		L	L	L

(1) C = 35, CD)n Commission's Instructions to Geologists. The SC = 10, SH = tation of the conditions observed in the field.

(2) WALL = Ve FLOODPLAIN //02 Sheet <u>1</u> of <u>1</u> STREAM BED

TNRCC-0585-

#### **Site Specific Soils**

Most of the site has been previously developed. There are several structures, roads, parking areas and a baseball field. Native soils remaining at the site consist of black and brown calcareous clay. The clay includes rock fragments ranging in size to pebbles. Although the clay content of the soils would tend to impede the downward flow of water, in areas where the rock fragments are more abundant, the water mobility would increase.

The soils on the site are typical of those found on the Edwards. They range up to a maximum thickness of about one half of a foot in some areas. Soils cover most of the undeveloped portions of the site. There are few areas of rock outcrops except for those in the creek area.

According to the U.S. Soil Conservation Service, the soils beneath the SITE are classified as Rumple-Comfort association, undulating.

This association consists of shallow and moderately deep soils on uplands in the Edwards Plateau. Rumple soils make up about 60 percent of the association. Comfort soils make up about 20 percent. The remainder consists mostly of Tarpley soils. These soils are well drained. Surface runoff is medium. Permeability is moderately slow in Rumple soils and slow in Comfort soils. Water erosion is a moderate hazard.

Overall, the soils will provide some protection to the underlying limestone. There are areas where the soil cover is very thin or absent and therefore, no protection exists.

## Stratigraphic Column

Group	Formation	Member	Thickness (ft)
		Cyclic and Marine	80-90
	Person	Leached and Collapsed	70-90
Edwards Limestone		Regional Dense	20-24
		Grainstone	50-60
	Kainer	Kirschberg Evaporite	50-60
		Dolomitic	110-130
		Basil Nodular	50-60
Glen Rose Limestone	Upper Glen Rose		350-500

(From U.S.G.S., 1996)

## Site Specific Geology

The site lies on the outcrop of the Person Formation of the Edwards Limestone. More specifically, the site lies on the outcrop of the Cyclic and Marine Member.

The undeveloped portion of the site lies along Hwy 46. This portion drains into Blieders Creek. Most of the exposed rock was found in the creek. No portion of the site lies within the 100-year floodplain. Most of the site was covered with soil. Few rock outcrops were visible. Much of the rock visible at the site was float, or weathered bedrock.

There was no evidence of structural faulting or fracturing observed in the field. There were no solution features found. Some of the float rock showed varying signs of pitting, especially in the creek area. There were no open vugs observed.

According to the literature (USGS, 1996), there are faults to the north and south of the site. No evidence of these faults were observed in the field.

## **Feature Comments**

## <u>Feature S-1</u> This feature is hole that was dug to install a flagpole.

<u>Feature S-2</u> This feature is hole that was dug to install a flagpole.

<u>Feature S-3</u> This is an excavation made to repair a water line.

<u>Feature S-4</u> This is a bedding plane feature approximately 5 feet up from the bottom of the creek..

#### Feature S-5

This is an erosion feature formed where water runs off the asphalt pavement and onto the ground. Some of the pavement itself has eroded.

reature Locations	Fea	ture	Locations
-------------------	-----	------	-----------

Feature	Latitude	Longitude
S-1	29° 43' 24.1"	98° 11' 18.5"
S-2	29° 43' 24.0"	98° 11' 18.6"
S-3	29° 43' 23.0"	98° 11' 15.7"
S-4	29° 43' 28.9"	98° 11' 06.6"
S-5	29° 43' 29.8"	98° 11' 11.1"

#### References

- Federal Emergency Management Agency, (1991), FIRM Flood Insurance Rate Map, Comal County, Texas and Unincorporated Areas, Panel No. 485493 0100C, September 29, 1986.
- Soil Conservation Service (1984), Soil Survey, Comal and Hays Counties Texas, US Departmentof Agriculture

Texas Natural Resource Conservation Commission (1999), Instructions to Geologists

- U.S. Geological Survey (1994), New Braunfels, West, Texas 7.5 Minute Series (Topographic)
- U.S. Geological Survey (1994), Geologic Framework and Hydrogeologic Characteristics of the Edwards Aquifer Outcrop, Comal County, Texas, Water Resources Investigations Report 94-4117





## WATER POLLUTION ABATEMENT PLAN APPLICATION

FOR REGULATED ACTIVITIES ON THE EDWARDS AQUIFER RECHARGE ZONE AND RELATING TO 30 TAC §213.5(b), EFFECTIVE JUNE 1, 1999

PROJECT NAME: T Bar M

#### PROJECT INFORMATION

- 1. The type of project is:
  - \_\_\_\_ Residential: # of Lots:
  - Residential: # of Living Unit Equivalents:
  - Commercial
  - Industrial
  - X Other:
- 2. Total site acreage (size of property): <u>9.3</u>
- 3. Projected population: <u>85</u>
- 4. The amount and type of impervious cover expected after construction are shown below:

Impervious Cover of Proposed Project	Sq. Ft.	Sq. Ft./Acre	Acres
Structures/Rooftops	22,363	÷ 43,560 =	0.51
Parking	40,224	÷ 43,560 =	0.92
Other paved surfaces	88,077	÷ 43,560 =	2.02
Total Impervious Cover	150,664	÷ 43,560 =	3.46
Total In	37.2%		

- 5. <u>X</u> ATTACHMENT A Factors Affecting Water Quality. A description of any factors that could affect surface water and groundwater quality is provided at the end of this form.
- 6. X Only inert materials as defined by 30 TAC 330.2 will be used as fill material.

#### FOR ROAD PROJECTS ONLY Complete guestions 7-12 if this application is exclusively for a road project.

- 7. Type of project:
  - \_\_\_\_\_TXDOT road project.
  - County road or roads built to county specifications.
  - City thoroughfare or roads to be dedicated to a municipality.
  - \_\_\_\_ Street or road providing access to private driveways.
- 8. Type of pavement or road surface to be used:

Rev. 9-7-00 Concrete Asphaltic concrete pavement Other: 9. Length of Right of Way (R.O.W.): \_\_\_\_\_feet. feet. Width of R.O.W.:  $L \times W = Ft^2 \div 43,560 Ft^2/Acre =$ acres. vvidth of pavement area:\_\_\_\_\_\_feet.L x W = \_\_\_\_\_  $Ft^2 \div 43,560 Ft^2/Acre =$ \_\_\_\_\_\_acresPavement area \_\_\_\_\_\_ acres  $\div P$  O W\_\_\_\_\_\_acres 10. \_\_\_\_\_ acres. Pavement area \_\_\_\_\_ acres ÷ R.O.W. area \_\_\_\_\_ acres x 100 = \_\_\_% impervious cover.

- A rest stop will be included in this project. 11. A rest stop will **not** be included in this project.
- Maintenance and repair of existing roadways that do not require approval from the TNRCC 12. 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 TNRCC.

## STORMWATER TO BE GENERATED BY THE PROPOSED PROJECT

13. ATTACHMENT B - Volume and Character of Stormwater. A description of the volume and character (quality) of the stormwater runoff, which is expected to occur from the proposed project, is provided at the end of this form. The estimates of stormwater runoff quality and quantity should be 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

- 14. The character and volume of wastewater is shown below:
  - 100 % Domestic 4200 gallons/day
  - % Industrial 0 gallons/day % Commingled 0 gallons/day 0
  - 0
    - TOTAL 4200 gallons/day
- 15. Wastewater will be disposed of by:
  - **On-Site** Sewage Facility (OSSF/Septic Tank):
    - ATTACHMENT C Suitability Letter from Authorized Agent. An on-site sewage facility will be used to treat and dispose of the wastewater. The appropriate licensing authority's (authorized agent) written approval is provided at the end of this form. It states that the land is suitable for the use of an on-site sewage facility or identifies areas that are not suitable.
      - 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 §285.
  - X Sewage Collection System (Sewer Lines):
- Private service laterals from the wastewater generating facilities will be connected X to an existing SCS.

- Private service laterals from the wastewater generating facilities will be connected to a proposed SCS.
  - \_\_\_\_ The SCS was previously submitted on \_
    - The SCS was submitted with this application.
  - \_\_\_\_ The SCS will be submitted at a later date. The owner is aware that the SCS may not be installed prior to executive director approval.

The sewage collection system will convey the wastewater to the Gruene Wastewater Treatment Plant. The treatment facility is:

- X existing.
- \_\_\_\_ proposed.
- 16. X All private service laterals will be inspected as required in 30 TAC 213.5.

## SITE PLAN REQUIREMENTS

#### Items 17 through 27 must be included on the Site Plan.

- 17. The Site Plan must have a minimum scale of 1" = 400'. Site Plan Scale: 1" = 50.
- 18. 100-year floodplain boundaries
  - \_\_\_\_ Some part(s) of the project site is located within the 100-year floodplain. The floodplain is shown and labeled.
  - X 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): *Flood Insurance Rate Map (FIRM) Panel #485493-00002 C, Panel not printed-area in Zone C. Map Revised on May 15, 1991.* 

- 19. \_\_\_ The layout of the development is shown with existing and finished contours at appropriate, but not greater than ten-foot contour intervals. Show lots, recreation centers, buildings, roads, etc.
  - X The layout of the development is shown with existing contours. Finished topographic contours will not differ from the existing topographic configuration and are not shown.
- 20. All known wells (oil, water, unplugged, capped and/or abandoned, test holes, etc.):
  - There are \_\_(#) wells present on the project site and the locations are shown and labeled. (Check all of the following that apply)
    - \_ The wells are not in use and have been properly abandoned.
    - \_\_\_\_ The wells are not in use and will be properly abandoned.
      - \_\_\_\_\_ The wells are in use and comply with 30 TAC §238.
  - X There are no wells or test holes of any kind known to exist on the project site.
- 21. Geologic or manmade features which are on the site:
  - X All **sensitive and possibly sensitive** geologic or manmade features identified in the Geologic Assessment are shown and labeled.
  - \_\_\_\_ No sensitive and possibly sensitive geologic or manmade features were identified in the Geologic Assessment.
  - \_\_\_\_ ATTACHMENT D Exception to the Required Geologic Assessment. An exception to the Geologic Assessment requirement is requested and explained in ATTACHMENT D

provided at the end of this form. Geologic or manmade features were found and are shown and labeled.

- ATTACHMENT D Exception to the Required Geologic Assessment. An exception to the Geologic Assessment requirement is requested and explained in ATTACHMENT D provided at the end of this form. No geologic or manmade features were found.
- 22. The drainage patterns and approximate slopes anticipated after major grading activities. Х
- 23. Х Areas of soil disturbance and areas which will not be disturbed.
- Locations of major structural and nonstructural controls. These are the temporary and 24. Х permanent best management practices.
- 25. Х Locations where soil stabilization practices are expected to occur.
- NA 26. Surface waters (including wetlands).
- 27. Locations where stormwater discharges to surface water or sensitive features. X There will be no discharges to surface water or sensitive features.

## **ADMINISTRATIVE INFORMATION**

- 28. Х One (1) original and three (3) copies of the completed application have been provided.
- 29. Х Any modification of this WPAP will require TNRCC executive director approval, prior to construction, and may require submission of a revised application, with appropriate fees.

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 Aguifer. This WATER POLLUTION ABATEMENT PLAN APPLICATION FORM is hereby submitted for TNRCC review and executive director approval. The form was prepared by:

Jeff Moeller, P.E. Print Name of Applicant/Owner/Agent

Signature of Applicant/Owner/Agent

Date

## Attachment A – Factors Affecting Water Quality

The development will consist of adding tennis courts, buildings, additional parking, and streets. This development will produce little to no pollution. Pollution may originate from ordinary cleaning chemicals, normal automobile wastes, and runoff from asphalt streets.

# Attachment B - Volume and Character of Stormwater

The added improvements will result in more stormwater runoff. Runoff calculations for the watershed were performed using the Rational Method. The "C" value for the existing conditions is 59, and the "C" value for proposed conditions is 63. For the 100-year storm event, stormwater runoff increased from 132cfs to 141cfs. This is an increase of 6.8%. For the 25-year storm event, stormwater runoff increased from 108cfs to 116cfs. This is an increase of 7.4%. City of New Braunfels requires that the additional stormwater be detained and released at a rate not to exceed existing conditions.

Drainage patterns for the site will remain relatively unchanged. The project will have small areas of grading around proposed buildings and tennis courts, however the existing drainage patterns will remain unchanged. The proposed detention pond will be located in an existing swale to allow for discharging into a natural low, therefore reducing the potential of erosion.

Due to the type of proposed improvements and the use of temporary and permanent stormwater pollution control measures, the potential of increased pollutants is minimal.







## **TEMPORARY STORMWATER SECTION**

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

#### PROJECT NAME: <u>T Bar M</u>

#### 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:
  - \_\_\_\_ Aboveground storage tanks with a cumulative storage capacity of less that 250 gallons will be stored on the site for less than one (1) year.
  - Aboveground storage tanks with a cumulative storage capacity between 250 gallons and 499 gallons will be stored on the site for less than one (1) year.
  - \_\_\_\_ Aboveground storage tanks with a cumulative storage capacity of 500 gallons or more will be stored on the site. An **Aboveground Storage Tank Facility Plan** application must be submitted to the appropriate regional office of the TNRCC prior to moving the tanks onto the project.
  - X Fuels and hazardous substances will not be stored on-site.
- 2. <u>X</u> ATTACHMENT A Spill Response Actions. A description of the measures to be taken to contain any spill of hydrocarbons or hazardous substances is provided at the end of this form.
- 3. <u>n/a</u> 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. <u>X</u> ATTACHMENT B Potential Sources of Contamination. Describe in an attachment at the end of this form any other activities or processes which may be a potential source of contamination.
  - \_\_\_\_ The are no other potential sources of contamination.

#### SEQUENCE OF CONSTRUCTION

- 5. <u>X</u> 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 provided at the end of this form. For each activity described, an estimate of the total area of the site to be disturbed by each activity is given.
- 6. X 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>Blieders 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. <u>X</u> ATTACHMENT D Temporary Best Management Practices and Measures. A description of the TBMPs and measures that will be used during and after construction are provided at the end of this form. For each activity listed in the sequence of construction, include appropriate control measures and the general timing (or sequence) during the construction process that the measures will be implemented.
  - \_\_\_\_ 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 has been provided in the attachment at the end of this form
  - 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.
  - 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.
  - c. A description of how BMPs and measures will prevent pollutants from entering surface streams, sensitive features, or the aquifer.
  - 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, TNRCC 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 provided at the end of this form. The request includes justification as to why no reasonable and practicable alternative exists for each feature.
  - X There will be no temporary sealing of naturally-occurring sensitive features on the site.
- 9. <u>X</u> ATTACHMENT F Structural Practices. Describe 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. Placement of structural practices in floodplains has been avoided.
- 10. <u>X</u> **ATTACHMENT G Drainage Area Map**. A drainage area map is provided at the end of this form to support the following requirements.

- \_ 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.
- X There are no areas greater than 10 acres within a common drainage area that will be disturbed at one time. A smaller sediment basin and/or sediment trap(s) will be used in combination with other erosion and sediment controls within each disturbed drainage area.
- 11. <u>n/a</u> 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 has 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 provided as at the end of this form.
- 12. X ATTACHMENT I Inspection and Maintenance for BMPs. A plan for the inspection of temporary BMPs and measures and for their timely maintenance, repair, and, if necessary, retrofit is provided at the end of this form. A description of documentation procedures and record keeping practices is included in the plan.
- 13. <u>X</u> All control measures must be properly selected, installed, and maintained in accordance with the manufacturers specifications and good engineering practices. If periodic inspections by the applicant or the executive director, or other information indicates a control has been used inappropriately, or incorrectly, the applicant must replace or modify the control for site situations.
- 14. <u>X</u> 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. <u>X</u> 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. <u>X</u> 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.

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 at the end of this form.
- 18. X 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. X Stabilization practices must be initiated as soon as practicable where construction activities have temporarily or permanently ceased.

#### ADMINISTRATIVE INFORMATION

- 20. X All structural controls will be inspected and maintained according to the submitted and approved operation and maintenance plan for the project.
- 21. X 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 TNRCC Regional Office shall be immediately notified. Regulated activities must cease and not continue until the TNRCC has reviewed and approved the methods proposed to protect the aquifer from any adverse impacts.
- 22. X 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.

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 TNRCC review and executive director approval. The application was prepared by:

Jeff Moeller Print Name of Applicant/Owner/Agent

9/25/02 Signature of Applicant/Owner/Agent Date

## Attachment A – Spill Response Actions

There will be <u>no</u> above ground fuel storage tanks allowed on this project. Equipment will be fueled using mobile fuel trucks as needed. There is a small chance of a fuel spill occurring due to leaking construction equipment or re-fueling operations. If a minor spill were to occur, the soil impacted would be removed from the site and properly disposed of in an approved landfill site. If a major spill were to occur, where the amounts spilled were equal to, or exceeding, the Reportable Quantity, RQ, as defined by EPA regulations 40 CFR Part 110, 40 CFR Part 117, or 40 CFR Part 302 then the following steps will be taken.

- Notify the National Response Center at (800) 424-8802 and the TNRCC San Antonio Regional Office at (210) 545-4329 immediately.
- Submit a written description of their release to the EPA and TNRCC Regional office providing the date and circumstances of the release and the steps to be taken to prevent another release
- Modify the WPAP and SWPPP to include the information listed above.

## Attachment B - Potential Sources of Contamination

The only potential sources of contamination are construction equipment leaks, re-fueling spills and asphalt lay down operations. There are no other anticipated potential sources of contamination.

# Attachment C - Sequence of Major Activities

Stages of Construction

- Clearing and Grubbing removal of trees, stumps, brush and other debris as required within the proposed disturbed area as defined in Site Plan. Approximate disturbed area = 5.5 acres
- 2. Rough Grading Cutting and filling of streets and parking areas to prepare the sub-grade for pavement layers. Approximate disturbed area = 2.0 acres.
- 3. Prepare Building Pads Excavation and place required material for building foundation. Approximated disturbed area is less than 1 acre.
- 4. Construction of Buildings Install foundation, framing, and other required construction steps as required.
- 5. Utility Installation There will be underground water, and sanitary sewer lateral installed for proposed buildings. Approximate disturbed area = less than 1 acres.
- 6. Finished Grading Final landscaping and asphalt pavement layers are installed. Approximate disturbed area = 3 acres.
- 7. Construction of Tennis Courts and Pool Tennis courts and pool will be installed with a disturbed area less than 0.75 acres.

## Attachment D – Temporary BMPs and Measures

The area defined on the Site Map will be the only area that will be disturbed. All of the low areas, which collect storm water runoff, will remain in a natural state acting as vegetative filer strips. Grasses will be allowed to grow between the edge of pavement and parking areas will act as a filter for pavement runoff once established.

Silt fence will be place on the down gradient side of the site to contain pollutants and sediments generated from on-site runoff. Construction traffic will be required to use T Bar M Dr to access Highway 46. T Bar M Dr. will be cleaned and needed to prevent tracking of sediment onto Highway 46.

There where no sensitive features identified in the Geologic Assessment. The naturally occurring <u>possibly</u> sensitive features that were identified in the Geologic Assessment will be protected during construction by temporarily diverting runoff away from the features or placing silt fence just upstream of the feature location.

The following sequence will be followed for installing temporary BMPs:

- 1. Silt fence will be constructed on the downstream side of proposed roadways prior to beginning clearing and grubbing operations.
- 2. Measure taken to protect possibly sensitive recharge features.

# Attachment E - Request to Temporarily Seal a Feature

No features will be temporarily sealed.

# Attachment F – Structural Practices

Silt fence will be used to protect exposed soils and to prevent contamination from leaving the site or flowing into the features identified in the Geologic Assessment. Rock berms will be used downstream of the detention pond outlet to prevent sediment from leaving the site. The private asphalted road entering T Bar M will serve as the construction entrance. This road will be maintained as required to prevent construction vehicles from tracking mud onto Highway 46. Contractors will not be allowed to wash mud off of the road into downstream bar ditches. The majority of the area around the disturbed areas will remain in a natural condition; therefore, natural filtration will be allowed to occur.

# Attachment H – Temporary Sediment Pond(s) Plans and Calculations

There will not be more than 10-acres of disturbed soil in a common drainage area that will occur at one time. Silt fence will be used for small drainage areas and sheet flow runoff.

## Attachment I – Inspection and Maintenance for BMPs

# **Inspection and Maintenance Plan**

- The contractor is required to inspect the controls and fences at weekly intervals and after significant rainfall events to insure that they are functioning properly. The person(s) responsible for maintenance of controls and fences shall immediately make any necessary repairs to damaged areas. Silt accumulation at controls must be removed when the depth reaches six inches. Contractor is required to maintain the construction exit in a condition that prevents soil from tracking onto public roads via construction equipment and traffic.
- TNRCC staff will be allowed full access to the property during construction of the project for inspecting controls and fences and to verify that the accepted plan is being utilized in the field. TNRCC staff has the right to speak with the contractor to verify plan changes and modifications.
- Any changes made to the location or type of controls shown on the accepted plans, due to onsite conditions, shall be documented on the site plan that is part of this Water Pollution Abatement Plan. No other changes shall be made unless approved by the TNRCC and the Design Engineer. Documentation shall clearly show changes made, date, and person responsible and reason change was made.

## **Owner's Information:**

Owner:	T Bar M, Inc	Phone #: (214) 692-4254
Contact:	Scott Turpin	
Address:	8201 Preston Road	
	Dallas, Texas 75225	

# **Owner's Engineer:**

Company:	Carter & Burgess, Inc.
Contact:	Jeff Moeller, P.E.
Address:	911 Central Pkwy North, #425
	San Antonio, Texas 78232

Phone #: (210) 494-0088

# Person or Firm Responsible For Erosion/Sedimentation Control Maintenance:

Company:	Phone #:
Contact:	
Address:	

Signature of Responsible Party:

This portion of the form shall be filled out and signed by the responsible party prior to construction.

Temporary Stormwater Section

## Attachment J - Schedule of Interim and Permanent Soil Stabilization Practices

There will be minimal disturbed soil due to construction operations that are not covered by pavement or buildings. The area is generally very rocky with a minimal amount of overlying soil. Areas, which are disturbed by construction staging, and storage areas will be hydro mulched with the appropriate seed mixture. Areas disturbed and outside paving or building areas will also be hydro mulched or landscaped. Installation of hydro mulch is as follows:

- 1. Final grading must be completed and all necessary BMPs should be in place prior to the addition of hydro mulch.
- 2. Hydro mulch mixture shall be as recommended by the County Agriculture Extension Agent or as shown below for the specific time of year and whether or not irrigation will be utilized.
- 3. Hydro mulch shall be applied at a rate stipulated by the Extension Agent or as shown below and shall be applied in a uniform manner
- 4. Other types of seeding applications may be used by the Contractor if approved by the Design Engineer and TNRCC.
- 5. If blankets or matting are used, they shall conform to the Texas Department of Transportation specifications.

Dates	Climate	Species	(lb/ac)
Sept. 1 to Nov. 30	Temporary Cool Season	Tall Fescue	4.0
		Oats	21.0
		Wheat	30.0
		Total	55.0
Sept. 1 to Nov. 30	Cool Season Legume	Hairy Vetch	8.0
May 1 to Aug. 31	Temporary Warm Season	Foxtail Millet	30.0



Name: M:\310147.000 T Bar M\dwg\WPAP\TEMPORARY PLAN.dwg Sep 26,


# PERMANENT STORMWATER SECTION

FOR REGULATED ACTIVITIES ON THE EDWARDS AQUIFER RECHARGE ZONE AND RELATING TO 30 TAC §213.5(b)(4)(C), (D)(ii), (E), and (5), EFFECTIVE JUNE 1, 1999

#### PROJECT NAME: <u>T Bar M</u>

# Permanent best management practices (BMPs) and measures that will be used during and after construction is completed.

- 1. <u>X</u> Permanent BMPs and measures must be implemented to control the discharge of pollution from regulated activities after the completion of construction.
- 2. X 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.
  - X The TNRCC Technical Guidance Manual (TGM) was used to design permanent BMPs and measures for this site.
  - A technical guidance other than the TNRCC TGM was used to design permanent BMPs and measures for this site. The complete citation for the technical guidance that was used is provided below
- 3. <u>X</u> 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.
- 4. X Where a site is used for low density single-family residential development and has 20 % or less impervious cover, other permanent BMPs are not required. This exemption from permanent BMPs must be recorded in the county deed records, with a notice that if the percent impervious cover increases above 20% or land use changes, the exemption for the whole site as described in the property boundaries required by 30 TAC §213.4(g) (relating to Application Processing and Approval), may no longer apply and the property owner must notify the appropriate regional office of these changes.
  - \_\_\_\_ This site will be used for low density single-family residential development and has 20% or less impervious cover.
  - \_\_\_\_ This site will be used for low density single-family residential development but has more than 20% impervious cover.
  - X This site will not be used for low density single-family residential development.
- 5. X The executive director may waive the requirement for other permanent BMPs for multifamily residential developments, schools, or small business sites where 20% or less
  - Page 1

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

- \_\_\_\_\_ ATTACHMENT A 20% or Less Impervious Cover Waiver. This 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 found at the end of this form.
- \_\_\_\_\_ This site will be used for multi-family residential developments, schools, or small business sites but has more than 20% impervious cover.
- X This site will not be used for multi-family residential developments, schools, or small business sites.

#### 6. ATTACHMENT B - 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 identified as **ATTACHMENT B** at the end of this form.
- \_\_\_\_\_ If no surface water, groundwater or stormwater originates upgradient from the site and flows across the site, an explanation is provided as **ATTACHMENT B** at the end of this form.
- X If 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, an explanation is provided as **ATTACHMENT B** at the end of this form .

#### 7. ATTACHMENT C - BMPs for On-site Stormwater.

- X 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 identified as **ATTACHMENT C** at the end of this form.
- \_\_\_\_\_ If 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, an explanation is provided as **ATTACHMENT C** at the end of this form.
- 8. X ATTACHMENT D BMPs for Surface Streams. A description of the BMPs and measures that prevent pollutants from entering surface streams, sensitive features, or the aquifer is provided at the end of this form. Each feature identified in the Geologic Assessment as "sensitive" or "possibly sensitive" has been addressed.
- 9. X The applicant understands that to the extent practicable, BMPs and measures must maintain flow to naturally occurring sensitive features identified in either the geologic assessment, executive director review, or during excavation, blasting, or construction.
  - $\underline{X}$  The permanent sealing of or diversion of flow from a naturally-occurring "sensitive" or "possibly sensitive" feature that accepts recharge to the Edwards Aquifer as a

permanent pollution abatement measure has not been proposed for any naturallyoccurring "sensitive" or "possibly sensitive" features on this site.

- **ATTACHMENT E Request to Seal Features.** A request to seal a naturallyoccurring "sensitive" or "possibly sensitive" feature, that includes a justification as to why no reasonable and practicable alternative exists, is found at the end of this form. A request and justification has been provided for each feature.
- 10. X ATTACHMENT F 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. All construction plans and design information have been signed, sealed, and dated by the Texas Licensed Professional Engineer. Construction plans for the proposed permanent BMPs and measures are provided at the end of this form. Design Calculations, TNRCC Construction Notes, all man-made or naturally occurring geologic features, all proposed structural measures, and appropriate details must be shown on the construction plans.
- 11. X ATTACHMENT G Inspection, Maintenance, Repair and Retrofit Plan. A plan for the inspection, maintenance, repair, and, if necessary, retrofit of the permanent BMPs and measures is provided at the end of this form. The plan has been prepared and certified by the engineer designing the permanent BMPs and measures. The plan has been signed by the owner or responsible party. The plan includes procedures for documenting inspections, maintenance, repairs, and, if necessary, retrofits as well as a discussion of record keeping procedures.
- 12. X The TNRCC Technical Guidance Manual (TGM) was used to design permanent BMPs and measures for this site.
  - Pilot-scale field testing (including water quality monitoring) may be required for BMPs that are not contained in technical guidance recognized by or prepared by the executive director.
    - \_ **ATTACHMENT H Pilot-Scale Field Testing Plan.** A plan for pilot-scale field testing is provided at the end of this form.
- 13. X ATTACHMENT I -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 provided at the end of this form. 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 results in water quality degradation.

#### Responsibility for maintenance of permanent BMPs and measures after construction is complete.

14. X The applicant is responsible for maintaining the permanent BMPs after construction until such time as the maintenance obligation is either assumed in writing by another entity having ownership or control of the property (such as without limitation, an owner's association, a new property owner or lessee, a district, or municipality) or the ownership of the property is transferred to the entity. Such entity shall then be responsible for maintenance until another entity assumes such obligations in writing or ownership is transferred.

15. <u>X</u> 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.

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 **PERMANENT STORMWATER SECTION** is hereby submitted for TNRCC review and executive director approval. The application was prepared by:

Jeff Moeller Print Name of Applicant/Owner/Agent

Signature of Applicant/Owner/Agent

# Attachment A - 20% or Less Impervious Cover Waiver

The proposed development at T Bar M will exceed 20% impervious cover and will not be used for multi-family residential developments, schools, or small business sites.

### Attachment B – BMPs for Upgradient Stormwater

The stormwater generated upgradient of the site is minimal. Minor grading around proposed improvements will allow upstream runoff to be diverted away from areas being treated. Due to the rural nature of the development, stormwater originating upgradient will have minimal to no pollutant load. Most upgradient stormwater flows across grassy areas prior to reaching the proposed improvements.

# Attachment C – BMPs for On-site Stormwater

Vegetated Filter Strips will be used to treat the surface runoff generated from the additional impervious cover added by the proposed development. Pollution generated from the proposed impervious cover would include everyday pollutants generated by asphalt pavement and parking, including small amounts of oil from passenger cars. Water from back flushing the filter of the proposed pool will be discharged into an existing sanitary sewer line on the site.

# Attachment D - BMPs for Surface Steams

The BMPs that will be used to protect Blieders Creek will be the vegetative filter strips. The following measure will be taken to protect the "possible sensitive" recharge features.

- 1. S-1 and S-2 are manmade holes that were dug to install a flagpole. These features are located within the proposed parking area and will be filled and closed with the installation of the parking lot.
- 2. S-3 was identified as an excavated area made to repair a water line. This feature is located upstream of the improvements proposed in this WPAP and will not require protection.

3. S-4 was identified as a bedding plane feature located near the bottom of the creek. The improvements proposed in this feature's watershed include a small section of street, cabin, and a portion of a tennis court. Vegetative filter strips will be placed down gradient of the improvements and upgradient of the feature.

4. S-5 was identified as an area eroded adjacent to an existing road caused by runoff. This area will be repaired to prevent moisture from reaching the base

material of the street and causing additional damage, and prevent water from standing adjacent to the road.

#### Attachment E - Request to Seal Features

The naturally occurring "possible sensitive" features will not be filled.

#### Attachment F - Construction Plans

A plan sheet titled "Permanent Plan" is included at the end of this report. This plan shows locations of all vegetative filter strips. The vegetative filter strips will be installed by someone specializing in landscaping to insure vegetation that will thrive in the area is installed. Areas designated, as vegetative filter strips on the Permanent Plan shall have a minimum of 4-inches of topsoil along with seeding or sod. A recommended seeding is as follows:

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

From March 2 to September 14, seeding shall be with hulled Bermuda at a rate of 2 pounds per 1000 SF with a purity of 95% with 85% germination.

A native seed mixture can be used as well as sod. Final stands of vegetation shall meet the requirements as set forth in the guidelines for vegetative filter strips and shall be capable of providing a dense, healthy vegetative cover. No construction plans for any other permanent BMP's is included, nor will they be used.

#### Attachment G - Inspection, Maintenance, Repair and Retrofit Plan

All vegetative filter strips will be maintained at regular intervals. Vegetation will not be allowed to exceed a height of 6-inches and will be cut regularly. Vegetative filter strips will be watered as required to maintain a healthy and dense stand. Bi-weekly inspections of the areas will be performed to ensure the vegetation is in a healthy state and has complete coverage. Repairs to damaged vegetation, or areas that die off, will be performed by removing any dead vegetation and replacing with 4-inches of topsoil and either seeds or sod of like vegetation. The newly planted area will be watered as needed to promote a quick stand of vegetation.

#### Attachment I – Measures for Minimizing Surface Stream Contamination

Installing the vegetative filter strips in the location shown on the Permanent Stormwater Plan will minimize the potential of pollutants from reaching Blieders Creek. Design plans will include a detention pond to prevent an increase in stormwater discharge rates. The pond will be designed based on requirements set by the City of New Braunfels. All water entering the pond will have already been treated. This will protect the existing creek from increase flow rates, velocities and pollutants. Downstream areas from the detention pond will be protected to minimize erosion.





**S-4** 





# AGENT AUTHORIZATION FORM FOR REQUIRED SIGNATURE EDWARDS AQUIFER PROTECTION PROGRAM RELATING TO 30 TAC CHAPTER 213 EFFECTIVE JUNE 1, 1999

I <u>Scott Turpin</u> Print Name

Partner Title - Owner/President/Other

of <u>T Bar M, Inc. / Center for Christian Growth</u> Corporation/Partnership/Entity Name

> have authorized <u>Jeff Moeller</u> Print Name of Agent/Engineer

of <u>Carter & Burgess, Inc.</u> 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 Natural Resource Conservation Commission (TNRCC) 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 TNRCC's approval letter. The TNRCC is authorized to assess administrative penalties of up to \$10,000 per day per violation.
- 2. A notarized copy of the Agent Authorization Form must be provided for the person preparing the application, and the forms must accompany the completed application.
- 3. Application fees are due and payable at the time the application is submitted. The application fee must be sent to the TNRCC cashier or to the appropriate regional office. The application will not be considered until the correct fee is received by the commission.
- 4. For applicants who are not the property owner, but who have the right to control and possess and control the property, additional authorization is required from the owner.

Applicant's Signatu

Solate State

THE STATE OF TEXAS §

County of BEXAR §

BEFORE ME, the undersigned authority, on this day personally appeared  $\frac{5c_077}{14P_1M}$  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 28 day of AuG. , 02

NOTARY PUBLIC Brenda Ralle

Typed or Printed Name of Notary BRENDA ROBLES

MY COMMISSION EXPIRES: July 26, 2004





#### TEXAS NATURAL RESOURCE CONSERVATION COMMISSION EDWARDS AQUIFER PROTECTION PLAN APPLICATION FEE FORM

AUSTIN REGIONAL OFFICE (3373)		IONAL O	FFICE (3362)
Please Print			
CONTACT PERSON: Jeff Moeiler		PHONE:_	494-0088
APPLICANT'S ADDRESS: 8201 Preston Road			
NAME OF APPLICANT: T Bar M, Inc. / Center	r for Christian Growth		
PROJECT LOCATION: 2549 Highway 46 Wes	<u>t</u>		
NAME OF PROPOSED PROJECT: T Bar M			

Hays

□ Travis

□ Williamson

Bexar X Comal □ Medina □ Uvalde

APPLICATION FEES MUST BE PAID BY CHECK, CERTIFIED CHECK, OR MONEY ORDER, PAYABLE TO THE TEXAS NATURAL RESOURCE CONSERVATION COMMISSION. YOUR CANCELED CHECK WILL SERVE AS YOUR RECEIPT. THIS FORM MUST BE SUBMITTED WITH YOUR FEE PAYMENT. THIS PAYMENT IS BEING SUBMITTED TO (CHECK ONE):

- X SAN ANTONIO REGIONAL OFFICE
- Mailed to TNRCC:

TNRCC - Cashier Revenues Section Mail Code 214 P.O. Box 13088 Austin, TX 78711-3088 AUSTIN REGIONAL OFFICE

 Overnight Delivery to TNRCC: TNRCC - Cashier
12100 Park 35 Circle Building A, 3rd Floor Austin, TX 78753 512/239-0347

Type of Plan	Size	Fee Due
Water Pollution Abatement, One Single Family Residential Dwelling	Acres	\$
Water Pollution Abatement, Multiple Single Family Residential and Parks	Acres	\$
Water Pollution Abatement, Non-residential	9.3 Acres	\$ 4,000.00
Sewage Collection System	L.F.	\$
Lift Stations without sewer lines	Acres	\$
Underground or Aboveground Storage Tank Facility	Tanks	\$
Piping System(s)(only)	Each	\$
Exception	Each	\$
Extension of Time	Each	\$

y Melle Signature

TNRCC-0574 (Rev. 6/1/99)

#### TEXAS NATURAL RESOURCE CONSERVATION COMMISSION EDWARDS AQUIFER PROTECTION PLAN APPLICATION FEE SCHEDULE 30 TAC §213.14 (effective 11/14/97) & 30 TAC §213.9 (effective 6/1/99)

#### WATER POLLUTION ABATEMENT PLANS AND MODIFICATIONS

PROJECT	PROJECT AREA IN ACRES	FEE
One Single Family Residential Dwelling	<5	\$500
Multiple Single Family Residential and Parks	<5 5 < 10 10 < 50 ≥50	\$1,000 \$2,000 \$3,000 \$5,000
Non-residential (Commercial, industrial, institutional, multi-family residential, schools, and other sites where regulated activities will occur)	< 1 1 < 5 5 < 10 ≥10	\$2,000 \$3,000 \$4,000 \$5,000

#### ORGANIZED SEWAGE COLLECTION SYSTEMS AND MODIFICATIONS

PROJECT	COST PER LINEAR FOOT	MINIMUM FEE MAXIMUM FEE
Sewage Collection Systems	\$0.50	\$500 - \$5,000

#### UNDERGROUND AND ABOVEGROUND STORAGE TANK SYSTEM FACILITY PLANS AND MODIFICATIONS

PROJECT	COST PER TANK OR PIPING SYSTEM	MINIMUM FEE MAXIMUM FEE
Underground and Aboveground Storage Tank Facility	\$500	\$500 - \$5,000

#### **EXCEPTION REQUESTS**

PROJECT	FEE
Exception Request	\$250

## **EXTENSION OF TIME REQUESTS**

PROJECT	FEE
Extension of Time Request	\$100