

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

December 16, 2013

Mr. Dan Mullins
Southerland Properties, Inc.
110 River Crossing Road, Suite 1
Spring Branch, TX 78070

RECEIVED

JAN 22 2014

COUNTY ENGINEER

Re: Edwards Aquifer, Comal County

NAME OF PROJECT: **Lake Ridge at Canyon Lake**; Located to the west side of Potters Creek Road and north of Cedar Rise Drive; Canyon Lake, Texas

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

Investigation No. 1122003; Regulated Entity No. RN106709314; Additional ID No. 13-13092301

Dear Mr. Mullins:

The Texas Commission on Environmental Quality (TCEQ) has completed its review of the CZP Application for the above-referenced project submitted to the San Antonio Regional Office by Pro-Tech Engineering Group, Inc. on behalf of Southerland Properties, Inc. on September 23, 2013. Final review of the CZP was completed after additional material was received on November 25, 2013. As presented to the TCEQ, the Temporary 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.*

PROJECT DESCRIPTION

The proposed residential project will have an area of approximately 147.64 acres. It will include streets, utilities, driveways, and homes. The impervious cover will be 17 acres (11.5 percent).

According to a letter dated, September 11, 2013, signed by Robert Boyd, with Comal County, the site in the development is acceptable for the use of on-site sewage facilities.

PERMANENT POLLUTION ABATEMENT MEASURES

This single-family residential project will not have more than 20 percent impervious cover.

SPECIAL CONDITIONS

- I. Within 60 days of receiving written approval of an Edwards Aquifer Protection Plan, the applicant must submit to the San Antonio Regional Office, proof of recordation of notice in the county deed records, with the volume and page number(s) of the county deed records of the county in which the property is located. A description of the property boundaries shall be included in the deed recordation in the county deed records. A suggested format (Deed Recordation Affidavit, TCEQ-0625A) that you may use to deed record the approved CZP is enclosed.
- II. Since this project will not have more than 20 percent impervious cover, an exemption from additional permanent BMPs is approved. If the percent impervious cover ever increases above 20 percent or the land use changes, the exemption for the whole site as described in the property boundaries required by §213.4(g), may no longer apply and the property owner must notify the appropriate regional office of these changes.

STANDARD CONDITIONS

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

Prior to Commencement of Construction:

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

the regulated activity, the date on which the regulated activity will commence, and the name of the prime contractor with the name and telephone number of the contact person.

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

During Construction:

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

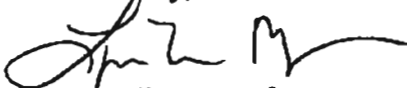
After Completion of Construction:

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

15. The applicant shall be responsible for maintaining the permanent BMPs after construction until such time as the maintenance obligation is either assumed in writing by another entity having ownership or control of the property (such as without limitation, an owner's association, a new property owner or lessee, a district, or municipality) or the ownership of the property is transferred to the entity. Such entity shall then be responsible for maintenance until another entity assumes such obligations in writing or ownership is transferred. A copy of the transfer of responsibility must be filed with the executive director through the San Antonio Regional Office within 30 days of the transfer. A copy of the transfer form (TCEQ-10263) is enclosed.
16. Upon legal transfer of this property, the new owner(s) is required to comply with all terms of the approved Contributing Zone Plan. If the new owner intends to commence any new regulated activity on the site, a new Contributing Zone Plan that specifically addresses the new activity must be submitted to the executive director. Approval of the plan for the new regulated activity by the executive director is required prior to commencement of the new regulated activity.
17. A Contributing Zone Plan approval or extension will expire and no extension will be granted if more than 50 percent of the total construction has not been completed within ten years from the initial approval of a plan. A new Contributing Zone Plan must be submitted to the San Antonio Regional Office with the appropriate fees for review and approval by the executive director prior to commencing any additional regulated activities.
18. At project locations where construction is initiated and abandoned, or not completed, the site shall be returned to a condition such that the aquifer is protected from potential contamination.

This action is taken under authority delegated by the Executive Director of the Texas Commission on Environmental Quality. If you have any questions or require additional information, please contact Mr. Michael Isley, P.E. of the Edwards Aquifer Protection Program of the San Antonio Regional Office at 210-403-4057.

Sincerely,



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

LMB/MI/eg

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

cc: Mr. Kelly Kilber, P.E., Pro-Tech Engineering
Mr. Roland Ruiz, Edwards Aquifer Authority
Mr. Thomas Hornseth, P.E., Comal County Engineer
TCEQ Central Records, Building F, MC212

100 E. San Antonio St. Suite 100
San Marcos, TX 78666-5568



RECEIVED 512 / 353-3335
DEC 04 2013 FAX 512 / 396-0224

ENGINEERING GROUP COUNTY ENGINEER

INCORPORATED
PE Firm Reg. No. F-1501
RPLS Firm Reg. No. 10001600

November 22, 2013

TCEQ Region 13
14250 Judson Road
San Antonio, TX 78233

Attn: Michael Isley

Re: Lake Ridge At Canyon Lake
Comal County, TX.
RN 106907315
Investigation No. 1122003

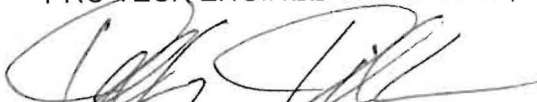
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REGION
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Dear Sir:

In response to your Notice of Deficiency dated Oct. 30, please find attached one original and four copies of the Inspection Requirements and the form for the Inspection Reports. I trust this information will satisfy your needs.

We regret any inconvenience we may have caused. If you have any questions please call.

Respectfully,
PRO-TECH ENGINEERING GROUP, INC.



Kelly Kilber, P.E., R.P.L.S.
President

xc: Dan Mullins
Kathy Henley

EO#14904

Inspections

Inspection / Rain Event Inspections

Qualified personnel (see attached qualifications) shall inspect disturbed areas of the construction site that have not been finally stabilized, areas used for storage of materials that are exposed to precipitation, structural control measures, and locations where vehicles enter or exit the site, at least once every seven (7) calendar days and within 24 hours of the end of a storm event of 0.5 inches or greater. All reports must be retained with the SWPPP for a period of at least three years from the date that the site is finally stabilized.

- Copy of blank inspections and inspector qualifications attached.

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**Storm Water Pollution Prevention Plan
Weekly Land Development Inspection Report
For: Southerland Properties, Inc. & Harris Road, Inc.**

Inspection Date: _____ Project Location: Lake Ridge at Canyon Lake
Project Start Date: _____ Final Stabilization Date: Pending

Scope: Inspection of disturbed areas to verify all Erosion / Sediment Controls and other BMPs identified in the SWP3 are installed and maintained in effective operating condition.

Site Inspection	Y	N	Comments
a. Signs of pollution leaving site?			
b. Structural BMPs working properly and in good condition?			
c. Additional BMPs needed?			
d. Changes to SWPPP needed? (Must be implemented within 7 calendar days.)			
e. Construction Permit Notice posted?			
f. SWPPP and inspection reports available?			
g. Signs of pollution leaving material storage areas?			
h. Signs of offsite tracking at entry/exit points?			
i. Rainfall of ½ inch or greater in the last 24hrs.			
j. Corrections made before next rain event?			
k. Inspector Qualifications	(See SWP3, Section 10)		

Project Phasing

Phase / Activity	Start	Finish	Status
a. Install Sediment and Erosion Control BMPS			
b. Clearing, Grubbing and Grading			
c. Excavate and Install Storm Sewers, Drainage and Utilities.			
d. Grade, Form and Pave streets and roadways.			
e. Grade and Excavate Permanent Structural BMPS			

Structural Best Management Practices

Locations shown in SWP3, Table of Contents	BMP OK?		Comments
	Yes	No	
a. Stabilized Construction Entrance			
b. Silt Fence			
c. Material Storage Area			
d. Water Quality Pond			
e. Rock Berm			

