October 6, 1993

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RECEIVED 0CT - 7 1993

COUNTY ROAD DEPT.

Mr. John Mauser
TNRCC
Texas Natural Resource
Conservation Commission
District 8
140 Heimer, Suite 360
San Antonio, TX 78232



RE: JOHNSON RESIDENCE 1630 RIADA DRIVE

Dear Mr. Mauser:

Steven A. Johnson and Kimberly J. Johnson, owners, are applying for a Water Pollution Abatement Plan for a single family residence for 1630 Riada Drive, Lot 2B.

Lot 2B is a three acre parcel of land which is heavily wooded with no significant recharge features that are visible. The vegetation consists of live oak, cedar, mountain laurel and various other native plants and grasses. A water well and septic system will be required on this site.

The project will only include 3.5% of impervious cover. A silt fence of approved material will be in place down gradient of the site. A conforming area of grass will be upgradient from the silt fence. This entire area has been overseeded with one hundred pounds of rye grass.

There are no wells on site and no stockpiles are anticipated. Spoil materials wil be periodically removed on a regular basis to the county landfill.

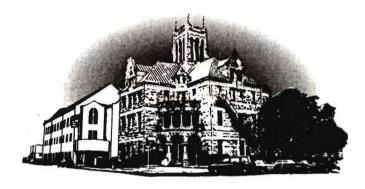
Access to the construction site is depicted on the enclosed map down the proposed site's construction driveway. Access into project is level with no up or down gradient.

There will be no hydrocarbons or hazardous substances or materials associated with this project.

This single family residence project is expected to be completed in approximately 120 days and every effort will be made to protect the Edwards Aquifer.

Sincerely,

Steven A. Johnson



## **Comal County**

#### OFFICE OF ENVIRONMENTAL HEALTH

October 5, 1993

Mr. John K. Mauser Texas Water Commission 140 Heimer Road, Suite 360 San Antonio, Tx. 78232-5028

Subject:

Septic Review of Steven & Kimberly Johnson Water Pollution Abatement Plan Application Riada Subdivision; Unit 1 Lot 2B

Dear Mr. Mauser,

The referenced site should be suitable for an engineered designed on site sewerage facility for a single family residence. If you have any questions or comments concerning this matter, please feel free to contact me at 210/907-3338.

m Hallace

Sincerely,

Monica M. Wallace County Sanitarian



## COMAL COUNTY OFFICE OF ENVIRONMENTAL HEALTH PERMIT TO CONSTRUCT

# MINIMUM REQUIRED SIZES FOR SYSTEM CALL 964-3338TO SCHEDULE INSPECTIONS VALID FOR ONE YEAR

DATE:10/5/93	
XX SINGLE FAMILY RESIDENCE	
INSTITUTION LESS THAN 500 GALLONS PER DAY	
INSTITUTION GREATER THAN 500 GALLONS PER DAY	PER ENGINEER OR SANITARIAN DESIGN
ALTERNATIVE SYSTEMS PER ENGINEER OR SANITARI	AN DESIGN
PERMIT #73367	OWNER STEVEN JOHNSON LOT 2R UNIT 1
SUBDIVISION RIACA	STREETRIADA_DR
APPROVED MINIMUM SIZES:	
	SQ. FT. DRAINFIELDS OR 780 SQ. FT. TRENCH (18"-36" WIDE)
SPECIAL CONDITIONS	

# Recpt.#

#### COMAL COUNTY FLOOD PLAIN DEVELOPMENT PERMIT APPLICATION

PERMIT NO.

73367



APPLICANT: Stewer A. Johnson & Kinne Kley J. School PHONE #: 608-1314 DATE: 10-4-93 MAILING ADDRESS: 287 Wood KNAD AVX
NEW BLAUNTELS TX 78130 PROPERTY LOCATION: (Attach Vicinity Map) Hady 306 Mist to Bic 15 45 Mine - Touch Lett 1/4 Mie - NAMIN DE - CATER - WO ITE & ON NO 1630 RIXIN DELLE LUT DE NATURE OF PROPOSED CONSTRUCTION: PLACEMENT OF FILL: RESIDENTIAL: NON-RESIDENTIAL: ALTERATION OF NATURAL WATERWAY OTHER: (SPECIFY) OR WATER COURSE: DESCRIPTION OF PROPOSED CONSTRUCTION: NEW CONSTRUCTION: SUBSTANTIAL IMPROVEMENT TO EXISTING HOUSE: \_\_\_\_6· STRUCTURE: MOBILE HOME: NON-RESIDENTIAL: OTHER: (SPEC1FY) COMMERCIAL: Are proposed buildings located in a Special Flood Hazard Area? Applicant will provide Plans and Specifications of the proposed construction. Is a WATER POLLUTION ABATEMENT PLAN required? YES  $\nu$  NO \_\_\_\_

#### EXEMPTION CERTIFICATE

The above named applicant has applied for a development permit.

The application has been reviewed by the County Administrator and it is his determination that the proposed development is not within an identified flood plain of Comal County.

This certificate exempts the applicant from development standards required by Comal County Flood Plain Management Regulations. Work is hereby authorized to proceed on the above.

The County Administrator has reviewed the plans and specifications of the proposed development and desires to make the following recommendations for development or design alterations:

#### WARNING:

The flood hazard boundary maps and other flood data used by the County Administrator in evaluating flood hazards to proposed developments are considered reasonable and accurate for regulatory purposes and are based on the best scientific and engineering data. On rare occasions greater floods can and will occur and flood heights may be increased by man-made or natural causes. This exemption certificate does not imply that developments outside the identified areas of special flood hazard will be free from flooding or flood damage. Issuance of this exemption certificate shall not create liability on the part of Comal County in the event flooding or flood damage does occur.

Win Walnut	Showon Inmoren	a Jubol
DATE:	CAPPLICANT/AGENT COUNTY ADMINISTRATOR  DATE: 10-4-93	Coord.

#### SIGNATURE FORM

for

# APPLICATION FOR APPROVAL OF REGULATED ACTIVITIES/DEVELOPMENTS

on the

EDWARDS AQUIFER RECHARGE & TRANSITION ZONES EFFECTIVE MARCH 21, 1990 AND RELATING TO

31 TAC §313.4 (WPAP)

31 TAC §313.5 (SCS)

31 TAC §313.10 (UST)

31 TAC §313.11 (AST)

(Circle appropriate submittal reference)

As	OWNEN	
	Owner/Developer/Other	
of	Johnson Residence	
	(Project Name)	
I,	Steven a. Johnson	
	(Applicant's Signature)	
have authorized		
	(Agent/Engineer, etc.)	
to represent		
	(Your Company, Entity, Self, etc.)	

and to act on my/our behalf to submit this application to the Texas Water Commission for review and approval consideration for construction on the Edwards Aquifer (31 TAC §313.23).

I understand that clearing of vegetation in a 10-foot wide path as is necessary and for the sole purpose of surveying is the only construction activity allowed prior to approval. I understand that fines of up to \$10,000 per violation per day could be levied if unauthorized construction begins before TWC approval is granted or if any aspect of the project does not conform to the standard and/or special conditions of approval.

Before beginning construction related to an approved regulated development, I shall notify the appropriate district office of when the regulated activity will begin. Furthermore, I am aware of State regulations that pertain to the construction on the Edwards Aquifer Recharge Zone (31 TAC §313).

#### Signatories to Applications 31 TAC §313.23

- (a) Required Signature. All applications must be signed as follows.
  - (1) For a corporation by a principal executive officer of at least the level of vice-president or by a duly authorized representative. A representative must submit written proof of the authorization.
  - (2) For a partnership by a general partner;
  - (3) For a political entity such as a municipality; or a state, federal, or other public agency by either a principal executive officer or a duly authorized representative. A representative must submit written proof of authorization.
  - (4) For an individual or sole proprietor by the individual or sole proprietor, as applicable.
- (b) Proof of Authorization to Sign. The executive director may require written proof of authorization to sign any application.

Please list any comments or suggestions you may have to improve this form. they will be considered for inclusion in the next edition of this form.

#### APPLICATION

for

#### WATER POLLUTION ABATEMENT PLAN

FOR CONSTRUCTION OF REGULATED ACTIVITIES/DEVELOPMENTS ON THE EDWARDS AQUIFER RECHARGE ZONE AND RELATING TO 31 TAC §313.4 EFFECTIVE MARCH 21, 1990

Comal

Johnson Residence

EDWARDS AQUIFER,

PROJECT NAME:

TYPE:

County

/ F	PE: Water Pollution A Texas Administra	
	Do not write in this TWC use only	
	Received by District	
	Deficiency sent:	
	Response received:	
	Response adequate: (Yes/No)	
	Inspection Date:	
	Fee Due:	\$
	Payment verified:	
	Judged administratively complete & distributed by District Office:	
	Approved ( ) APP Rejected ( ) REJ	

### TEXAS WATER COMMISSION EDWARDS AQUIFER FEE APPLICATION FORM

NAME OF PROPOSED PROJECT: Jo	hnson Residence	
name of owner/developer: Steven	A. and Kimberly J. Johns	50N
ADDRESS: 287 Woodland Ave.	New Braunfels, TX	78130
PHONE NUMBER: (210) 608-1314		
CONTACT PERSON: Steven A. Juhns	phone numi	BER: (210) 608-1314
COUNTY OF PROPOSED PROJECT: (10	mal	
APPLICATION FEES MUST BE PAID BY TO THE TEXAS WATER COMMISSION. P ENSURE CREDIT TO THE PROPER ACC RECEIPT.	LEASE RETURN THIS FORM WITH YO	OUR FEE PAYMENT TO
PLEASE SUBMIT ONE COPY OF THIS FO	ORM WITH THE APPROPRIATE FEE T	0:
TEXAS WATER COMMISSION FISCAL SERVICES SECTION P.O. BOX 13087 AUSTIN, TEXAS 78711-3087  **CECOND COPY OF THIS FORM ALONG WITH THE NECESSARY COPIES OF PROPOSED PLANS JLD BE SENT TO THE APPROPRIATE TWC DISTRICT OFFICE.		
FEES AS OUTLINED IN 31 TEXAS ADMINISTRATIVE CODE, CHAPTER 313, SUBCHAPTER B ARE VALID UNTIL JANUARY 20, 1992 AT WHICH TIME THE NEW FEE SCHEDULE IS OUTLINED IN THE "TEXAS REGISTER" DATED OCTOBER 25, 1991 16 TEXREG 6039		
WATER POLLUTION ABATEMENT PLAN:	ACRES = 3.0 FEE	= \$ 2,000.00
SEWAGE COLLECTION SYSTEM PLANS AND SPECIFICATIONS:	LINEAR FEET = FEE	= \$
STATIC HYDROCARBONS OR HAZARDOUS SUBSTANCE STORAGE	TANKS = FEE	= \$
FACILITY PLANS:	PIPING SYSTEMS = FEE (INSTALLED WITHOUT TANKS)	= \$
	TOTAL FEE ENCLOSED:	\$ 2,000.00
Mur de de la constitución AUTHORIZED SIGNATURE		10/6/93 DATE

QUESTIONS SHOULD BE DIRECTED TO THE WATERSHED MANAGEMENT DIVISION - GROUNDWATER ON IN AUSTIN AT 512/463-8497, THE TWC SAN ANTONIO DISTRICT OFFICE AT 512/490-3096, OR THE TWC AUSTIN DISTRICT OFFICE AT 512/463-7803.

#### Do not write in shaded areas. For TWC use only.

#### SB NA SB = Submitted NA = Not Applicable

- Is this the latest version of the WPAP APPLICATION available from the Texas Water Commission? (YES)NO?
- 1. Enter Site Address (if assigned), County, City, and ETJ (if applicable):

Street (If assigned) 1630 Riada Drive. (Lot 2B) City, State New Braunfels, TX Zip 18130

Is this project outside the city limits but inside the city's ETJ?

- 2. Give location of the project site (Example: "NE corner of Bitters & Heimer Roads", "On east side of Heimer Road, 1/4 mile north of Bitters Road". West side of Riada Drive, approximately I mile from main subdivision gate.
- 3. Give name of the Underground Water Conservation District in the area (if one exists). (Barton Springs Edwards Medina County) Edwards

#### 4. Applicant:

Contact Person: Steven A. Johnson

Entity: P.O. Box:

Street Address: 287 Woodland Drive

City, State: New Braunfels, TX

Zip: 78130

Telephone: (210) 608-1314

🌉 💹 5. Agent (If any): N/A

Contact Person:

Entity:

P.O. Box:

Street Address:

City, State:

Zip:

Telephone:

6. Name of person or entity who will maintain any permanent sedimentation/filtration structures.

Contact Person: N/A

Entity: P.O. Box:

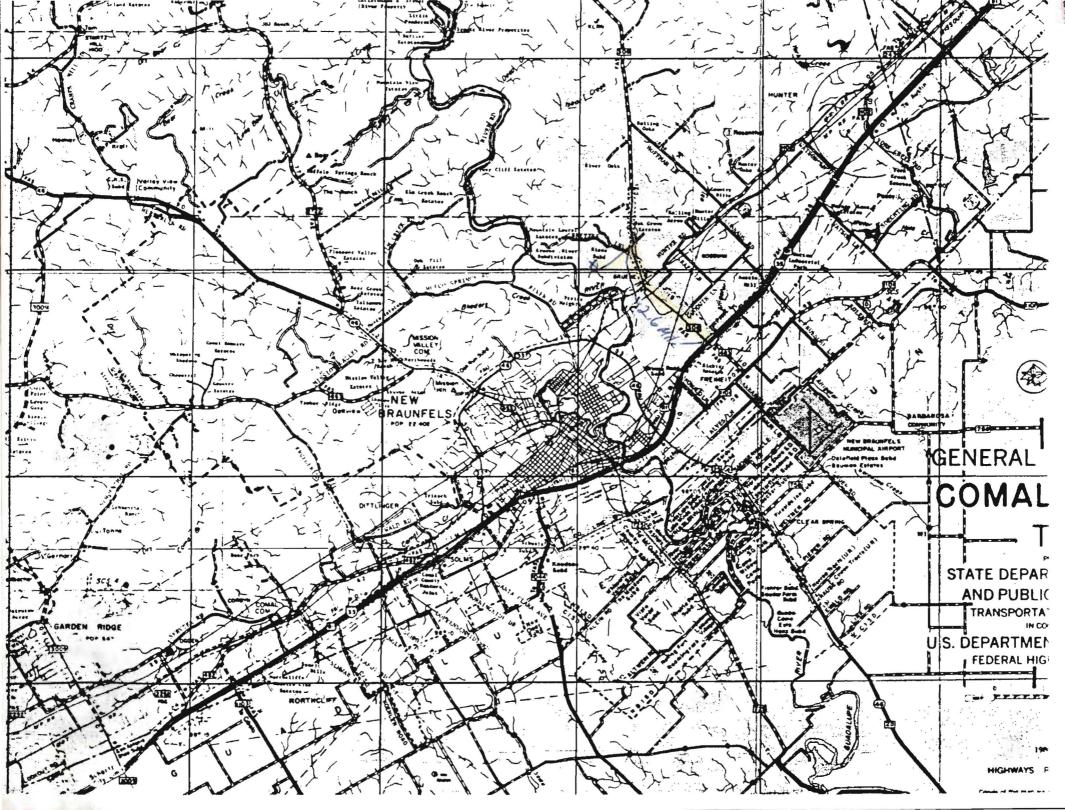
Street Address:

City, State:

Zip:

Telephone:

7. Attach a Road Map behind this sheet showing location of project site and route/mileage from an existing known site or intersection.



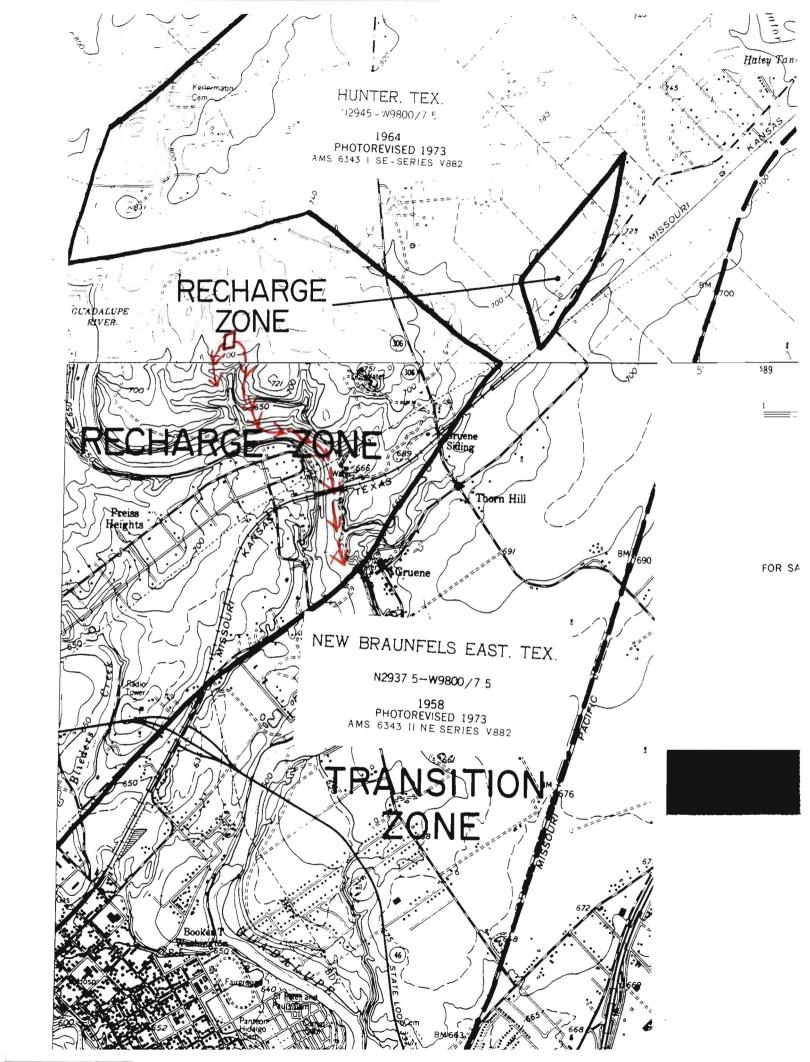
3.0 Acre Site 1/4 Mile Lot 2B 1630 RIADA DRIVE GRUENE Hunter ROAD New BRAUNTELS .- To Austin IH 35

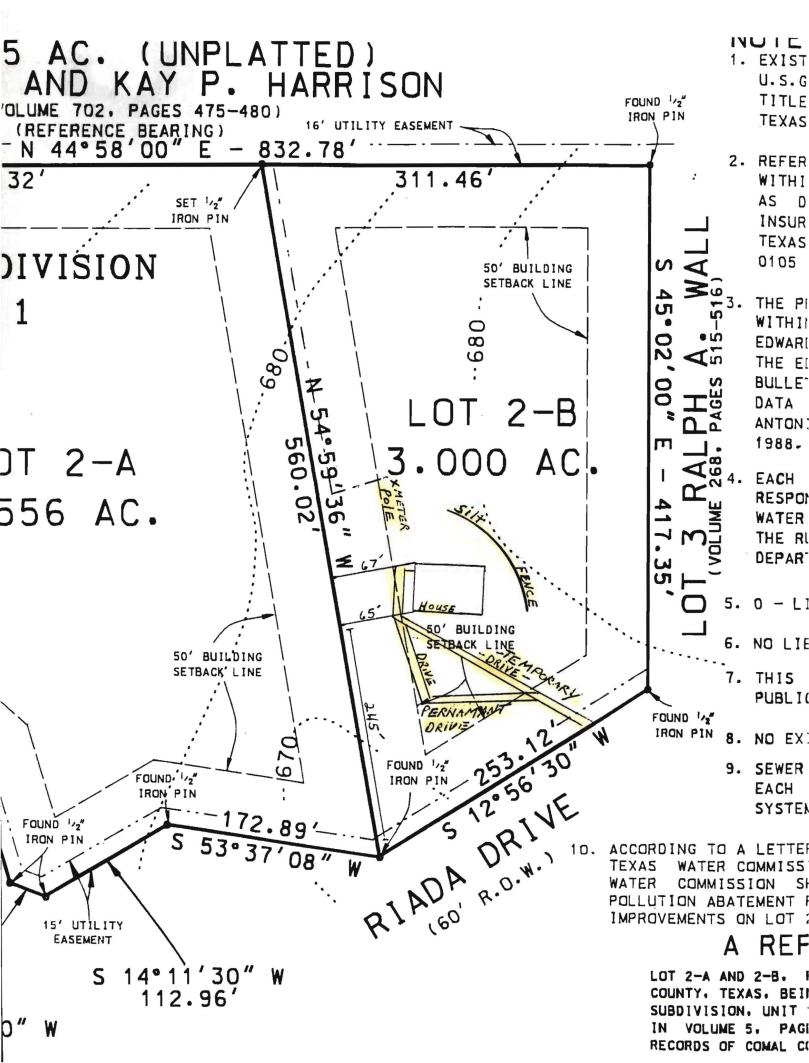
- 8. Attach a copy of the official 7½ minute USGS quadrangle map(s) of the Edwards Recharge Zone. The map(s) should clearly show:
  - 1. Project site.
  - 2. USGS Quadrangle Name(s),
  - 3. Boundaries of the Recharge Zone (and Transition Zone, if applicable),
  - 4. Drainage path from the project to the boundary of the Recharge Zone.
- 9. Project Description: single family residence
- Describe existing conditions on project site. Include roads, buildings, structures of any kind, etc. 3 acre parcel of land, heavily wooded with thick vegetation of live bak, cedar, mountain laurel. No roads, buildings or structures. Is it residential, commercial, industrial, utility, road, flood control structure, recharge feature, etc? Residential
- Give a narrative description of the proposed project.

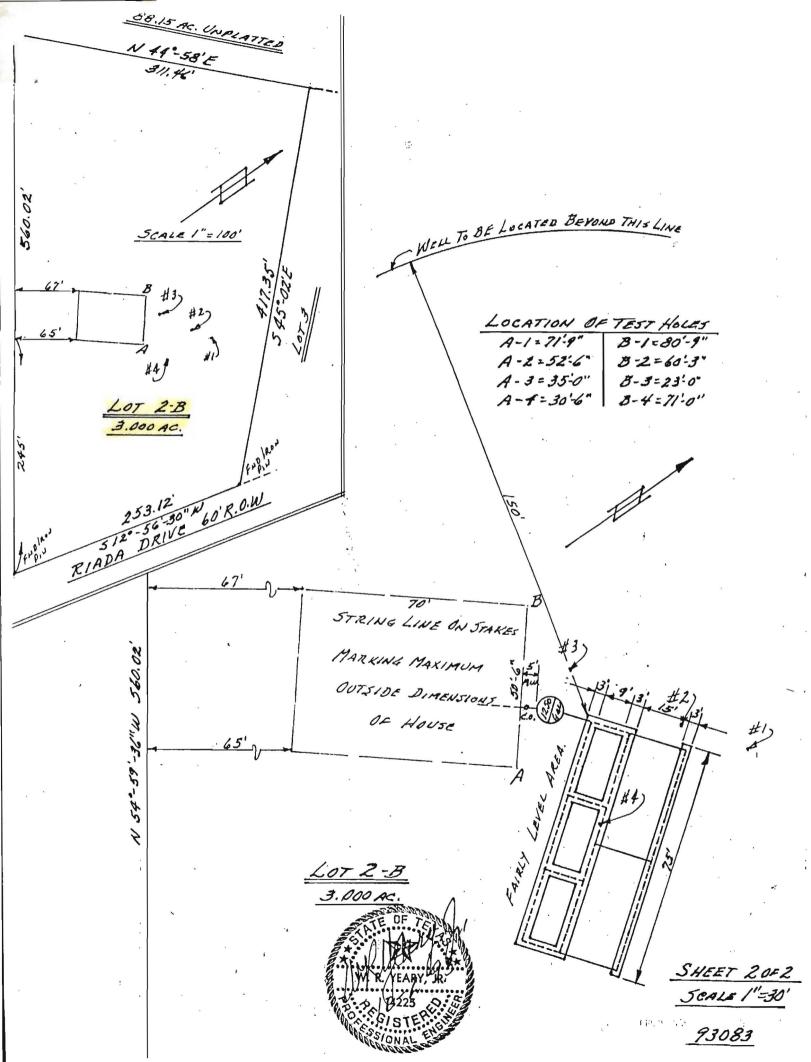
  Single family residence of approximately 2600

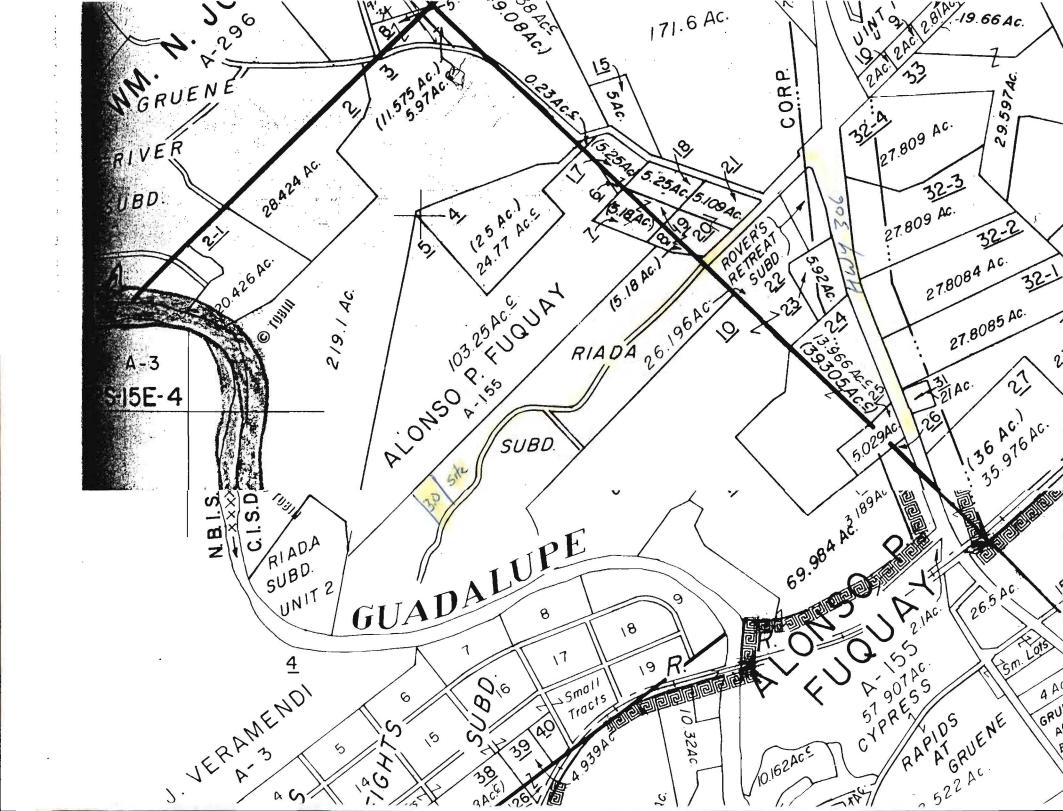
  Square feet to be constructed on a 3 acre

  parcel of land in an existing subdivision.











NATIONAL FLOOD INSURANCE PROGRAM

### **FIRM** FLOOD INSURANCE RATE MAP

**COMAL COUNTY, TEXAS** UNINCORPORATED AREAS

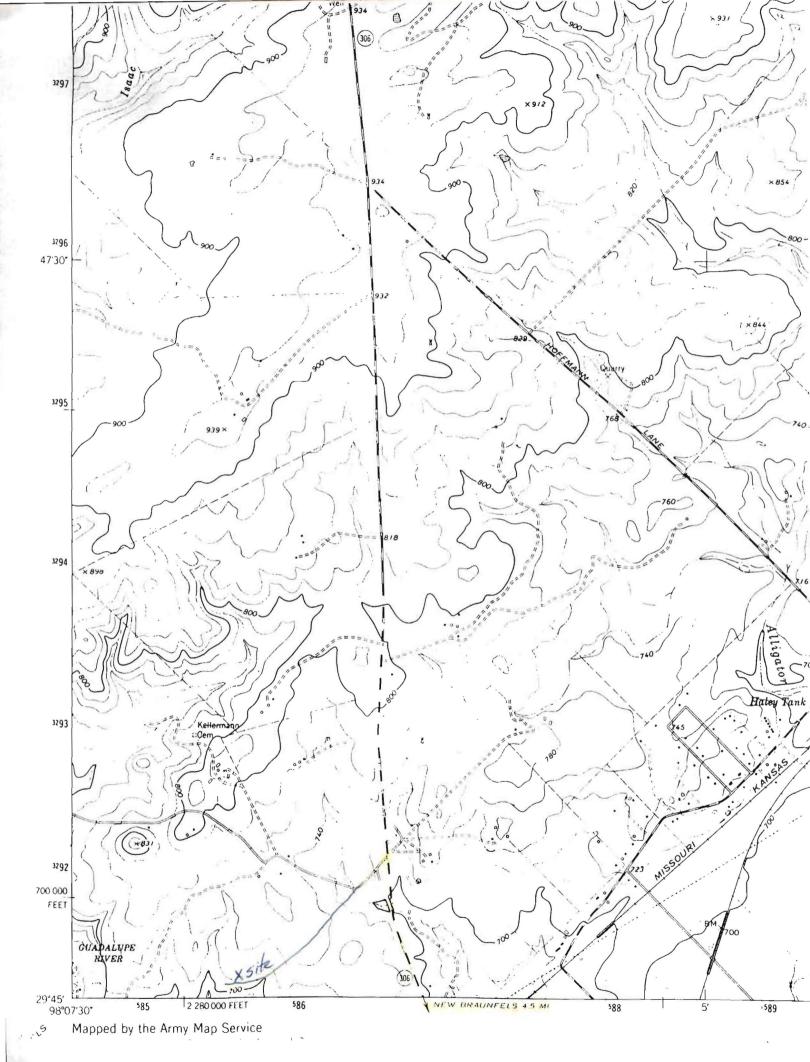
**PANEL 105 OF 130** 

COMMUNITY-PANEL NUMBER 485463 0105 C

> MAP REVISED: **SEPTEMBER 29, 1986**



Federal Emergency Management Agency



		Size of the project - in acres: 3 acres
 		Fee Due: \$2,000.00
		Projected population: 4
		Source of potable water: water well
		Impervious Cover (in acres or square feet) of completed project.
 		Structures/Roof: 2600 square (eet
 		Parking/Paved Surfaces: driveway - 2000 Equare feet
 		Other (Describe):
		Total Impervious Cover: 4600 square feet
		Percent of impervious cover in the proposed project (total impervious area $\div$ total project area x 100%). 31 TAC §313.4(b)(A)(i) 3,5
	9.	Wastewater to be generated by proposed project [31 TAC §313.4(b)(A)(ii)]. Show calculations and assumptions:
		Character Volume
		100 % Domestic 300 gallons/day
		% Industrial gallons/day

		% Commingled
		Total 300 gallons/day
		Method of Wastewater Disposal:
		Septic Tank: Attach appropriate licensing authority's letter directly behind this page. It should state that the land is suitable for the use of a septic tank or identify areas that are not suitable.
•••••	<del></del>	If using septic tank, are all lots greater than 1.0 acre? The minimum allowable lot size is 1.0 acre. yes
	*******	Sewage Holding Tank: Prohibited - see 31 TAC 313.9.
		Sewage Collection System:
<del>, , , , , , , , , , , , , , , , , , , </del>		If Yes, have you or do you need to submit an SCS Application?
		If Yes, identify the existing or proposed sewage treatment plant (S.T.P.) which will treat the wastewater generated by this project.
		Describe the precautions your plumber will take to properly connect private service laterals to the organized collection system without damage to the stub-out.
		Describe the measures you the applicant will take to repair any private service lateral not properly installed or connected by your plumber.

State that all private service laterals will be inspected as required in 31 TAC 313.5(c)(9), and indicate who will perform the inspection.

#### 10. Stormwater [31 TAC §313.4(b)(A)(i)]

Watershed (WS)	#	Character of Runoff from Each WS	Acres in Each WS	CFS in Each WS (25 yr.)*
Contributing to	1			
proposed project	2			
	3			
	4			
	5			
On-site	1			
	2			
	3			
	4			
	5			
Leaving proposed	1			
project site	2			
	3			
	4			
	5			

<sup>\*</sup> Show calculations. They should be based on the area and type of impermeable cover described above.

	Will stormwater runoff from upgradient be directed around the site? Area is level.
	If yes, has proper approval been obtained from appropriate regulating authority?
 <u></u> 11.	A legible Geologic Map(s) of the site and area downgradient of the site is required. <b>Note</b> , the Geologic Map for the project site must be the same scale as the construction site plan(s). Minimum scale for either map is 1 inch = 400 feet.
	Site Plan Scale: 1" = feet
	Geologic Map(s) Scale: 1" = feet
Pi	rovide the following information on the Site Plan.
	Any significant recharge features (SRF) which are located within the development or within 200 feet downgradient of the site and in the 5 year floodplain. If no SRF's are present in these areas, indicate so below. No SRF's are present in these areas.
	The 100 year floodplain's boundaries which are within the site and 200 feet downgradient. If no part of the site is within the 100 year floodplain, indicate so below. No part of site is within 100 year floodplain.

The layout of the development, and the existing and finished topographic contours. The contour intervals should be no larger than 5 feet and should be clearly marked on the site plan. List existing and finished contour intervals (CI) below.

Existing CI: \_\_\_\_\_\_ feet

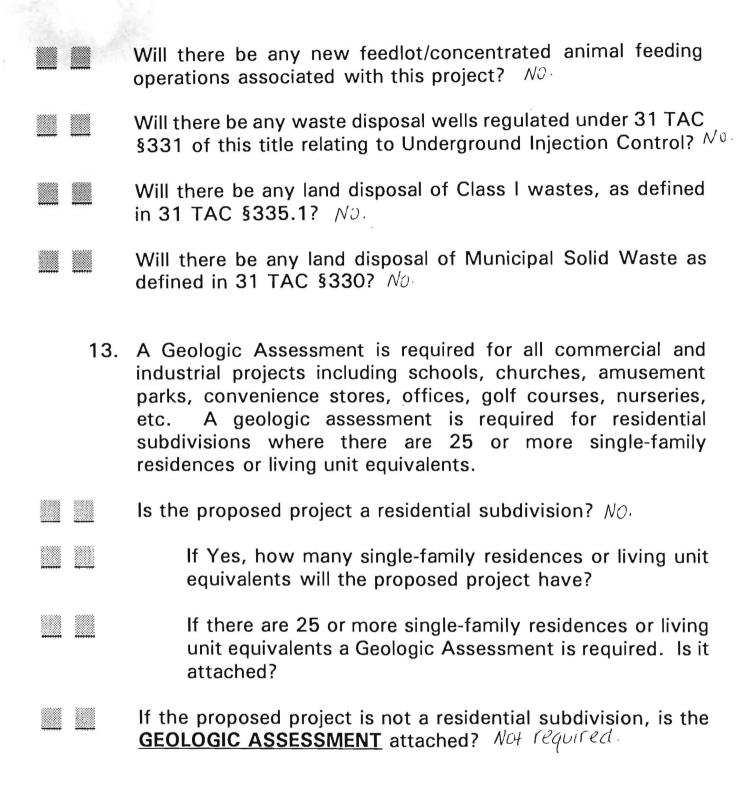
Existing CI:	feet
Finished CI:	feet

- The locations of all known wells (oil, water, unplugged, capped and/or abandoned). If no wells exist on the site, state so below. No wells exist on the site.
- Designate temporary stockpile areas, identify material to be stored, and indicate the erosion and sedimentation (E&S) controls to be installed. If no stockpile areas are anticipated, state so here and indicate where spoil materials will be disposed. No stockpiles anticipated. Spoil materials disposed at County landfill periodically.
- Designate the point(s) of access to construction site. A Stabilized Construction Entrance shall be provided at each entrance and indicated on the Site Plan Sheet.

#### 12. Other

Will there be any hydrocarbons or hazardous substances associated with this project? NO

If Yes, a separate application for Aboveground or Underground hydrocarbon or hazardous substance storage must be submitted pursuant to 31 TAC §313.10/313/11.



14. Describe measures to be taken to prevent pollution from entering significant recharge features identified in the geologic assessment or observed on the project site. NA

Do not limit discussion to contaminated stormwater runoff.

- 15. Is the <u>STORMWATER POLLUTION ABATEMENT</u> section attached? NA
- 16. Is the <u>APPLICANT'S SIGNATURE FORM</u> with original signature attached? (No copies.)  $\gamma estimates$

This WPAP application was prepared by:

(Signature of Applicant/Owner/Agent, etc.)

Please list any comments or suggestions you may have to improve this application. They will be considered for inclusion in the next edition of this form.