



Floodplain Development Permit Application For FRIO COUNTY

This is an application packet for a Floodplain Development Permit. Certain sections are to be completed by the Applicant, and certain sections are to be completed by the local Floodplain Administrator (FPA).

The National Flood Insurance Program (NFIP) provides flood insurance to individuals at much lower premiums than could otherwise be purchased through private insurers, and makes certain federal monies available to local communities. In order for citizens to be eligible for the national flood insurance rates, or for communities to receive certain kinds of federal monies, the community must agree to meet minimum floodplain standards. This application packet is a tool to ensure that the minimum standards are met.

In a participating NFIP community, flood insurance policies can be purchased from any local insurance agent at the national rate. Even though the policy may be issued as if it were coming from the insurance company you deal with, it is actually a Federal NFIP policy printed on the insurance agency's letterhead. The rates are determined by the flood risk zone in which you live and by the elevation of the lowest floor of your home, not by the insurance company, and should be the same regardless of which agent or agency sells you the insurance.

You may buy flood insurance for your own peace of mind, you may be required to buy it before a lending institution will make or refinance a loan, or you may not be buying flood insurance at all. Whatever the case, if the property which you propose to develop is located within a "Special Flood Hazard Area" on a flood map issued by the Federal Emergency Management Agency (FEMA), you **MUST** obtain a Floodplain Development Permit prior to beginning the project. This is a requirement of the local Flood Damage Prevention Ordinance of your community, and there are penalties for failing to do so.

Floodplain Development Permits are **ONLY** required for developments in areas designated as "Special Flood Hazard Areas" of FEMA-issued flood maps. Flood maps can be reviewed at the office of your local FPA, or online at the FEMA website (www.FEMA.gov).

HOWEVER FEMA has not yet issued flood maps for Frio County, therefore 44 CFR Sec. 60.3(a) states the community must require permits **for all** proposed construction or other development in the community, including the placement of manufactured homes, so that it may determine whether such construction or other development proposed is within flood-prone areas.

TAC Rule 285.30 requires a Professional Engineer prepare a flood study for OSSF/Septic Systems when FEMA Flood Maps are not available. The 100 year flood boundaries shall be clearly indicated on the site drawing. The drawing shall also indicate if the 100 year floodplain does not exist within the tract.

If you are proposing a development of any kind (constructing a new building, adding on to an existing building, clearing land, placing fill, grading land, mining, dredging, drilling, etc...) in a floodplain, you **MUST** submit Section I of this application for a Floodplain Development Permit to your local FPA. Depending upon the type of development you are proposing, additional forms **may** be required. For example, all new buildings in a Special Flood Hazard Area require an Elevation Certificate to document that the lowest floor of the building is elevated to a certain height relative to the anticipated flood crest of the "base flood" event. The Elevation Certificate and other forms are provided in this application packet, **but should only be completed if they are required by the FPA for the proposed development.**

Typically, the Applicant completes Section I and II of this packet and submits the information to the local FPA. The FPA reviews the submission and determines whether or not additional information is needed. If it is, the FPA will request the additional information from the Applicant. Once all required materials have been submitted, the FPA will make a permitting decision and either issue or deny the requested Floodplain Development Permit. (Denied permits may be appealed per the provisions of the local Flood Damage Prevention Ordinance.)

The Applicant should understand that a Floodplain development Permit is only a permit to complete the development. It is a permit to, for example, build a house, construct a baseball field, install a drainage system or grade a parcel of land. Before the house can actually be occupied, or the developed land use Certificate must be issued by the local FPA. The FPA will perform an inspection after the project is complete and several inspections throughout the progress of the project, to make sure that the development is compliant with the requirements of the local Flood Damage Prevention Ordinance. Once the Compliance Certificate has been issued, the process has been completed.



**ON-SITE SEWAGE FACILITY
TECHNICAL INFORMATION FOR PERMIT**

PROFESSIONAL DESIGN REQUIRED?: Yes No If yes, professional design attached: Yes No

Designer Name: Nicholas Kolbe License Type and No. RS 5115
 Phone No. () 830-708-9065 Other or Fax No. () KolbeLandCo@Gmail.com
 Mailing Address: 1825 FM 2438 City: Seguin State: TX Zip: 78155

I. TYPE AND SIZE OF PIPING FROM: (EXAMPLE: 4" SCH 40 PVC)

Stub out to treatment tank: 3" or 4" SCH 40 PVC
 Treatment tank to disposal system: 4" SDR 35 PVC

II. DAILY WASTEWATER USAGE RATE: Q= 240 **(gallons/day)**

Water Saving Devices: Yes No

III. TREATMENT UNIT(S): Septic Tank Aerobic Unit

- A. • Tank Dimensions: H52" L102" W77" • Liquid Depth (bottom of tank to outlet): 40"
- Size Proposed: 1000 Gall 2/c (gal) • Manufacturer : American Precast
- Material/Model #: 1000 Gall 2 Compartment Concrete Tank
- Pretreatment Tank : Yes SIZE : _____ (gal) No NA
- Pump/Lift Tank : Yes SIZE : _____ (gal) No NA

B. OTHER Yes No If yes, please attach description.

IV. DISPOSAL SYSTEM:

Disposal Type: Pipe Gravel Distribution Field
 Manufacturer and Model: Standard Application
 Area Proposed : 1560 square feet

V. ADDITIONAL INFORMATION:

NOTE - THIS INFORMATION MUST BE ATTACHED FOR REVIEW TO BE COMPLETED.

- A. Soil/Site evaluation
- B. Planning materials (If Applicable)

DO NOT BEGIN CONSTRUCTION PRIOR TO OBTAINING AUTHORIZATION TO CONSTRUCT. UNAUTHORIZED CONSTRUCTION CAN RESULT IN CIVIL AND/OR ADMINISTRATIVE PENALTIES.

SIGNATURE OF INSTALLER OR DESIGNER: _____ **DATE:** _____

If you have questions on how to fill out this form or about the on-site sewage facility program, please contact us at your local regional office or at 512/239-3799. 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.

This application may be executed in separate and multiple counterparts, which together shall constitute a single instrument. Any executed signature on this agreement may be transmitted by digital or electronic transmission, including but not limited to facsimile transmission and electronic mail. Any signature affixed to this application shall constitute an original signature for all purposes.



Texas Commission on Environmental Quality
APPLICATION FOR ON-SITE SEWAGE FACILITY
NEW CONSTRUCTION

TCEQ USE ONLY
APPLICATION NO.
DATE RECEIVED
AMOUNT

TCEQ REGION NUMBER

COUNTY OF INSTALLATION

- 1. PROPERTY OWNER'S NAME: Everett David Alan
2. CURRENT MAILING ADDRESS: 4611 Echo Lake Dr. San Antonio TX 78244
3. HOME PHONE NO.: 210-906-5858 OTHER or FAX NO.: Deverett1104@Gmail.com
4. 911 SITE ADDRESS: 925 CR 2629 Moore TX 78057
5. PROPERTY LEGAL DESCRIPTION: 10.349 acres out of Survey No. 105, ABS. No. 198, (Henry Castro, Org. Grantee)
6. DIRECTIONS TO SITE: Approx. 2 miles Down CR 2629.
7. SOURCE OF WATER: Private Well
8. SINGLE FAMILY RESIDENCE: No. of Bedrooms: 3 Living Area (ft^2): 1568 Sqft
9. COMMERCIAL/INSTITUTIONAL (other than single-family residence) TYPE:
10. SITE EVALUATOR: Nicholas Kolbe LICENSE NO. OS0036987
11. INSTALLER: Eddie Gonzales LICENSE NO.: OS0034602

I certify that the above statements are true and correct to the best of my knowledge. Authorization is hereby given to the Texas Commission on Environmental Quality to enter upon the above described property for the purpose of soil/site evaluation and investigation of an on-site sewage facility.

SIGNATURE OF OWNER: David Everett DATE: 12/6/2022

This application may be executed in separate and multiple counterparts, which together shall constitute a single instrument. Any executed signature on this agreement may be transmitted by digital or electronic transmission, including but not limited to facsimile transmission and electronic mail.

Notes

1. *Design is for a 3 bedroom 2 bathroom home, 1568 sqf with a maximum flow of 240 GPD. Over use of 240 GPD may result in system failure.*
2. Install a minimum 1000 gal 2/c concrete septic tank, level with T's.
3. Connect the home to the tank with 3" or 4" SCH 40 PVC tightline with a minimum slope of 1/8in/ft. Approximately 10' from home to tank.
4. Install a 2way clean out as shown on the design.
5. Install approximately 15' of SDR 35 or SCH 40 4" PVC from the tank to the drain field as shown on the design, minimum slope 1/8in/ft.
6. Install 260' of 48" wide standard absorption trench in a loop as shown. Trenches shall be separated by 5'. Trenches should be excavated to the same grade **18"-36"** Deep. See "Standard Absorption Trench Cross-Section" for construction details
7. Install and inspection port on the far side of the drainfield.
8. Geotextile IS required to be placed over the system.
9. Backfill with excavated soil.
10. Grass should be planted over the drainfield.
11. Vehicles should not be driven over the drainfield and impervious materials and irrigation systems should not be installed over the drainfield.
12. *Waterline to be sleeved in sch 40 where it is located <10' from any OSSF element in order to provide the equivalent protection of a 10' separation in compliance with TAC Chapter 290, Subchapter D, Rules for Public Drinking Water Systems.*
13. *Entirety of septic system is to stay within the setbacks and boundary lines of property.*

DocuSigned by:



12/6/2022

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SITE PLAN & OSSF DESIGN

Legal: 10.349 acres out of Survey No. 105, ABS No. 198, (Henry Castro, original Grantee)

Property ID: NA @ time of Design (Parent ID: 8172)

PROPERTY AND STRUCTURES DRAWN ARE NOT WITHIN 100YR FLOODPLAIN

David Alan Everett
925 CR 2629
Moore TX 78057

Nicholas Kolbe, R.S. #5115
1825 FM 2438
Seguin, TX 78155

Date: 12/6/2022

Scale: 1" = 100'