

EL PASO COUNTY DEPARTMENT OF HEALTH AND ENVIRONMENT
INDIVIDUAL SEWAGE DISPOSAL SYSTEM INSPECTION FORM

Permit # 3050 P
Date 7/24/2001

APPROVED: YES ☒ NO ☐ # 3300000361

ENVIRONMENTALIST Parreira

Address 7378 Log Road Owner Leslie Moser

Legal Description N29N2 NE4 SEC 10-13-63

Residence ☒ # of bedrooms 3; Commercial ☐; System Installer Home

SEPTIC TANK:

Commercial ☒; Noncommercial ☐ L W WD

Construction Material precast concrete, capacity 1,250 gallons.

DISPOSAL FIELD:

Rock Systems:

Trench: depth , width , total length , sq. feet

Bed: depth , length , width , sq. feet

Rock type , depth , under PVC , over PVC

Seepage Pits: # of pits , total # of rings , working depth(s)

size of pit(s) L X W , lining material , total sq. feet

Rockless Systems:

Chamber: Type Biodiffusers, number of chambers 27, bed , trench ☒

sq. ft./section 15.5, reduction allowed 40%, sq. ft. required 682

total sq. ft. installed 698, depth of installation 41"-55"

Engineer Design Y or ☒ N, Designing Engineer

Approval letter provided? Y or N

Well 50 feet from tank Y or ☒ N 100 feet from leach field ☒ or N

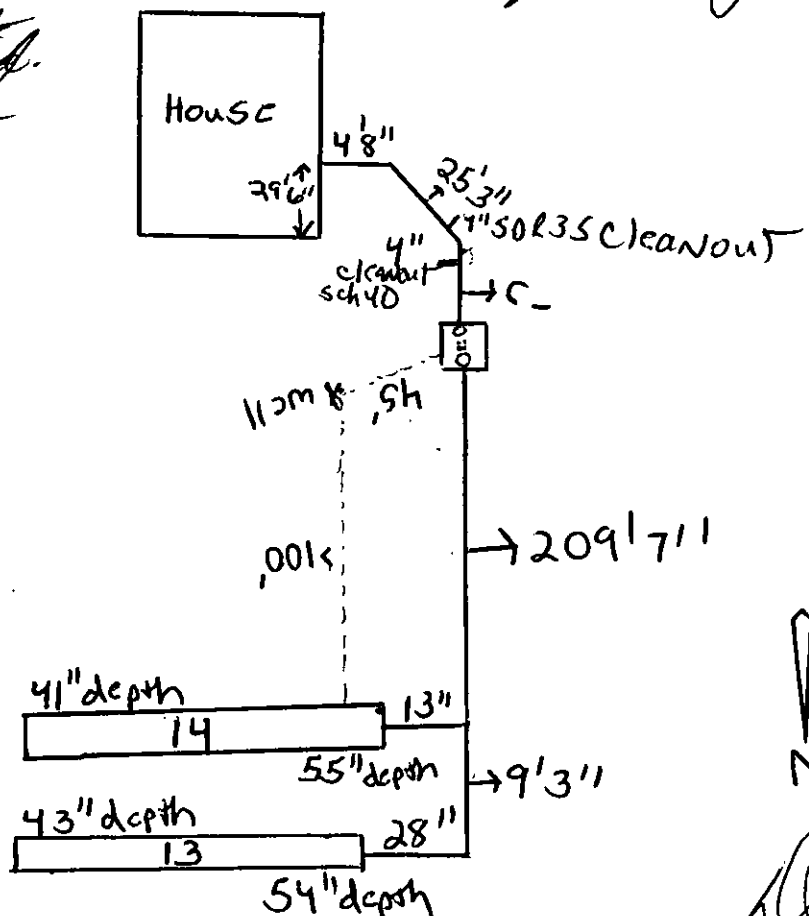
Well installed at time of septic system inspection ☒ or N Public Water

*Approval will be revoked if in the future the well is found to be within 50 feet of the septic tank and/or 100 feet of the disposal field.

NOTES: SDR 35; Sch 40

See notes in the file that support the variance of installing the septic tank 45' from the well where 55' is required.

Michael C. [Signature]



EL PASO COUNTY

DEPARTMENT OF HEALTH AND ENVIRONMENT
301 S Union Blvd, Colorado Springs, Colorado 719-578-3126

INDIVIDUAL SEWAGE DISPOSAL SYSTEM PERMIT

WATER SOURCE: WELL

PERMIT NUMBER: ON0003050

OWNER NAME: LESLIE MOSER

DATE PERMITTED: 5/2/01

ADDRESS: 7378 LOG RD

CITY, STATE, ZIP: PEYTON

CO 80831

PHONE NUMBER: 7196832144

INSTALLED BY: OWNER

This permit is issued in accordance with 25-10-107 Colorado Revised Statutes. PERMIT EXPIRES upon completion-installation of sewage-disposal system or at the end of twelve (12) months from date of issue- whichever occurs first-(unless work is in progress). If both a building and an ISDS permit are issued for the same property and construction has not commenced prior to the expiration date of the building permit, the ISDS permit shall expire at the same time as the building permit. This permit is revokable if all stated requirements are not met. Sewage disposal system to be installed by an El Paso County Licensed System Contractor or the property owner.

THIS PERMIT DOES NOT DENOTE APPROVAL OF ZONING AND ACREAGE REQUIREMENTS.

John A. Pannell

DIRECTOR, EL PASO COUNTY DEPARTMENT OF HEALTH AND ENVIRONMENT

John A. Pannell 578-3284
ENVIRONMENTALIST / PHONE NUMBER

PERMIT EXPIRATION DATE:

Expires twelve months from date of issue

NOTE: LEAVE THE ENTIRE SEWAGE DISPOSAL SYSTEM UNCOVERED FOR FINAL INSPECTION, 48 HOUR ADVANCE NOTICE REQUIRED.

MINIMUM SEPTIC TANK SIZE: 1,250 GALLONS

MINIMUM ABSORPTION AREA REQUIRED 682 SQ FT

PLANNING DEPARTMENT ☒

ENUMERATION ☒

FLOOD PLAIN ☒

WASTEWATER ☒

COMMENTS:

INSTALL SEPTIC SYSTEM IN ACCORDANCE WITH EL PASO COUNTY ISDS REGULATIONS. INSTALL LEACH FIELD IN AREA OF PERC TEST AND AT DEPTH OF PERC TEST, 34 INCHES. LEACH FIELD, AT A MINIMUM, MUST BE 25 FEET FROM ANY DRY GULCH. SEPTIC TANK, AT A MINIMUM, MUST BE 10 FEET FROM ANY DRY GULCH.

The Health Office shall assume no responsibility in case of failure or inadequacy of a sewage-disposal system, beyond consulting in good faith with the property owner or representative. Free access to the property shall be authorized at reasonable time for the purpose of making such inspections as are necessary to determine compliance with requirements of this law.

mailed 5-4-01 Bm

Inspector

Joe

Record I.D.

3050

EL PASO COUNTY ENVIRONMENTAL HEALTH SERVICES

301 South Union Boulevard • Colorado Springs, CO • 80910-3123 • (719) 578-3126

APPLICATION FOR A ☒ NEW ☐ REMODEL ☐ REPAIR OR ☐ ADDITION
TO AN INDIVIDUAL SEWAGE DISPOSAL SYSTEM ☐ P.E. DESIGN

Owner Leslie W. and Leslie J. MoserDaytime Phone (719) 683-2144Address of Property 7378 Log RoadCity & Zip Peyton, CO 80831Legal Description N2N2NE4 Sec 10-13-63Tax Schedule # 33000-00-361Lot Size 40 acresSeptic Contractor SELFInside City Limits ☒ No ☒ Yes-City Water Supply ☒ Well or Spring☐ Cistern☐ PublicType of Building ☒ Frame☐ Modular☐ Mobile☐ Commercial☐ Manufactured☐ Other Owner's MAILING Address 7246 Log RoadCity, State & Zip Peyton, CO 80831☒ MAIL PERMIT OR ☐ PICK UP PERMIT☐ THERE IS AN ADDITIONAL RESIDENCE ON THIS PROPERTYMAXIMUM POTENTIAL BEDROOMS 3Percolation Test Attached ☒ Y ☐ NGarbage Disposal Y ☐ NBasement ☒ Y ☐ NClothes Washer ☒ Y ☐ N

I have supplied a plot plan as described on the back of this form. I acknowledge the completeness of the application is conditional upon such further mandatory and additional tests and reports as may be required by the Department to be made and furnished by an applicant for purposes of evaluating the application, and issuance of the permit is subject to such terms and conditions as deemed necessary to ensure compliance with rules and regulations adopted pursuant to C.R.S. 25-10-107 et. seq. I hereby certify all represented to be true and correct to the best of my knowledge and belief, and are designed to be relied on by the El Paso County Department of Health and Environment in evaluating the same for purposes of issuing the permit applied for herein. I further understand any falsification or misrepresentation may result in the denial of the application or revocation of any permit granted based upon said application and in legal action for perjury as provided by law.

OWNER'S SIGNATURE

Leslie W Moser & Leslie J Moser Date 4-30-01

DEPARTMENT OF HEALTH USE ONLY

68250 Sq. Ft.

Minimum Absorption Area

1250 gallons

Minimum Tank Capacity

5-2-2001

Date of Site Inspection

REMARKS

Install septic system in accordance with El Paso County ISDS regulations. Install each field in area of percol test and at depth of percol test, 34 inches. Each field, at a minimum, must be 25 feet from any dry ~~area~~ gulch. Septic tank, at a minimum, must be 10 feet from any dry gulch.

EHS INSPECTOR

Janet A. Pannun

DATE

5-2-2001☒ APPROVED☐ DENIED

FEE NO FEE

DATE TO PLANNING / WASTEWATER

5-1-01

1) We require a copy of your _____ **ST** with an original professional engineer's (PE) stamp, and signature.

- 2) A **PLOT PLAN** must be _____ 3 1/2 x 11 sheet of paper. The plot plan must include
- | | | |
|------------------------|-------|---|
| 1) a north bearing | _____ | 6) driveway (proposed or existing) |
| 2) property lines | _____ | 7) driveway (proposed or existing and name of adjoining street) |
| 3) property dimensions | _____ | _____ |
- 3) Initial any of the following _____
- ☒ Well(s) _____
- _____ Cistern _____
- 4) Initial any of the following _____
- _____ Spring(s) _____
- _____ Pond(s) _____
- _____ Dry Gulch(es) _____
- _____ Lake(s) _____
- _____ Stream(s) _____
- _____ Natural drainage course(s) _____

5) **PROPERTY ADDRESS OR PERC HOLES MUST BE _____ BE POSTED AND CLEARLY VISIBLE FROM ROAD.**

6) **GIVE COMPLETE DIRECTIONS TO THE PROPERTY FROM A MAIN HIGHWAY**

Hwy 24 EAST to Falcon Hwy EAST to Log Road. Turn North on Log road & go to 7246 Log Road & go thru & follow Road to proposed site just north of 7246 Log Rd.



FRONT RANGE
GEOTECHNICAL
INC.

P.O. Box 1351
Monument, CO 80132
719 481-4560
Fax 481-9204

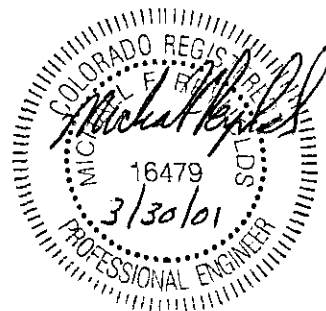
7378 Log Road
#3300000361
E
7-24-01

PERCOLATION TEST
FOR
LES MOSSE
JOB #8997

N 1/2, N 1/2 NE 1/4 of Section 10,
TS 13 S, Range 63 W of the 6th PM,
Log Road & Highway 110,
El Paso County,
Colorado

Respectfully submitted,

Jeff Houchin
Geologist



Michael F. Reynolds, P.E.
Civil Engineer

PERCOLATION TEST FINDINGS

Enclosed are the results of the percolation test for the septic system to be installed at N 1/2, n 1/2, NE 1/3 of Section 10, TS 13 S, Range 63 W of the 6th PM, Log Road & Highway 110, El Paso County, Colorado. The locations of the percolation test borings were determined by Les Mosher. The residence will not be on a public water system. The number of bedrooms in the design for the residence is three. Due to the natural slope of the property, the entire system will feed to the northeast at 2% at least 20 feet. All applicable regulations of the El Paso County Health Department will be complied with for the installation of the disposal system. **A conventional absorption trench or seepage bed type septic system shall not be installed exceeding the preferable maximum depth of 3 feet below native ground surface.**

The percolation test was performed on March 28, 2001, in accordance with Section VI, Soil Test, ISDS Regulations, E.P.C.D.H. & E. The field data and results of the percolation test are as follows:

PERC. TEST @ TIME	PERC HOLE #1 @ 34" DEPTH DROP (IN INCHES)	PERC HOLE #2 @DEPTH: 34" DROP (IN INCHES)	PERC HOLE #3 @DEPTH: 34" DROP (IN INCHES)
10:25	1-3/4	3-5/8	3-7/16
10:35	1-1/4	2-1/16	2-1/4
10:45	1-1/16	1-1/2	1-7/8
10:55	3/4	1-1/8	1-1/2
11:05	11/16	13/16	15/16
11:15		3/4	7/8
Rate/Hole:	14.5	13.3	11.4

The average of the test holes is 13.1 minutes per inch.

The soil profile for the disposal system is as follows:

- 0 to 4" - Topsoil- loam, organic composition.
- 4" to 12' - Sand- fine grain, low to moderate density, low to moderate moisture content, low clay content, low plasticity, buff-tan in color.

No water was encountered during the drilling of all holes. Bedrock was not encountered. No known wells were observed within 100 feet of the proposed system. **All setbacks shall conform to county regulations.**

♦ If during construction of the field itself, subsurface conditions change considerably or if the location of the proposed field changes, this office shall be notified to determine whether the conditions are adequate for the system as designed or whether a new system needs to be designed.

Weather conditions at the time of the test consisted of cloudy skies, with mild to cool temperatures.



FRONT RANGE GEOTECHNICAL INC.
SITE MAP

N1/2,N1/2,NE1/4,SEC 10,TS13S,R63W OF THE 6TH PM
Log Road and Highway 110,
El Paso County,
Colorado
Job #8997

Location from Well to Profile: N. 28° E. - 165'

Location from Profile to;

P-1: N. 14° W. - 36'

P-2: S. 65° W. - 9'

P-3: S. 61° E. - 30'

—P-1

P-2 — PROFILE

P-3 —



—WELL

0 5 10 15 20 25
GRAPHIC SCALE IN FEET
SCALE: 1" = 25'