

December 22, 2017

March 05, 2018

Job No. 16-027

## HUDSON MINOR SUBDIVISION ONSITE WASTEWATER TREATMENT SYSTEM REPORT

Hudson Minor Subdivision is a proposed 4 lot residential subdivision of a 38.02 acre parcel in Section 5, T11S, R65W, of the 6th P.M., in northeastern El Paso County. The property adjoins the west side of Black Forest Road approximately a quarter mile south of it's intersection with County Line Road. The street address is 20310 Black Forest Road and the tax assessor parcel number is 51000-00-323. A copy of the proposed minor subdivision plan is attached.

A small home was constructed on this site in 2004. This is served with an existing well and septic system. That Septic Permit number is ON0005337, dated September 15, 2004 and a copy of the Application and Permit is attached. The original soils testing is not currently available to the owner but will be on file at the Health Department associated with the above Permit number. This home lies on what is proposed to be Lot 3 with an area of 5.73 acres. The existing well, which lies on the proposed Lot 2, was completed in 1995 and is being re-permitted in accordance with the adjudication and Court approved augmentation plan completed for the proposed subdivision.

A short while ago the owners began construction of a new, larger home on the property which is approximately 150 to 200 feet east of the original one. The Septic Permit number for the new house is ON0049356 and test results are attached. The two existing leach fields are about 330 feet apart and the well is more than 500 feet from the nearest leach field. This new house lies on what is proposed to be the 6.25 acre Lot 4. The remaining proposed Lot 2 is 5.59 acres and Lot 1 is 18.14 acres. Ultimately, each of the four lots will have one home with an associated well and individual sewage disposal system.

According to the United States Department of Agriculture, Soil Conservation Service, *Soil Survey of El Paso County Area*, issued in June 1981, soils onsite are (#67) Peyton Sandy Loam, 5 to 9 percent slopes and (#69) Peyton-Pring Complex, 8 to 15 percent slopes. Perhaps 70 percent of the site is Peyton Sandy Loam. This is also the area within which the two homes lie and where the remaining two homes will be constructed. The Peyton series consist of deep, well drained soils that formed in arkosic alluvium and residuum. They are on uplands. A typical soil profile follows:

- A- 0 to 12 inches: sandy loam
- Bt- 12 to 25 inches: sandy clay loam
- BC- 25 to 35 inches: sandy loam
- C- 35 to 60 inches: sandy loam



(2)

These soils have good potential for homesites. The main limitation is a limited ability to support a load and potential frost action. The main limitation for septic tank absorption fields is a moderate one due to a slow percolation rate.

Two test holes and two tactile test pits were performed on the property by Geoquest on July 21, 2017. That report is attached. The location of those holes and pits is shown as are the results of the testing. Neither groundwater nor bedrock was encountered during those investigations. Pit #1 displayed soil type 4a in the 6" to 48" depth, with type 3 soil below. Test Pit #2 had soil type 3a in the 7" to 55" depth with type 2 below. Soil Types 1 through 3 are suitable for conventional systems while Soil Types 3A through 5 require designed systems. Due to encountering soil type 4a, the septic system had to be (and was) designed by an Colorado licensed engineer.

Because of the variability of the soils within the Peyton Series that may be encountered on either of the two remaining lots, it is possible that conventional systems may be suitable. It is anticipated, however, that percolation rates exceeding 60 minutes per inch will be encountered which will require designed systems. Both vacant lots are along a ridge and bedrock may be closer to the surface in these areas.

Based on the testing done for the two existing systems, it is reasonable to conclude the remaining two lots will be suitable for individual onsite wastewater treatment systems (OWTS) and that contamination of surface or subsurface water resources should not occur provided that the OWTS sites are evaluated, installed and maintained according to El Paso County Health Department and State guidelines. Individual site evaluations are required for the two remaining lots. Septic absorption fields must be located at least 100 feet from any well including those offsite. They must also be located at least 50 feet from any drainages, floodplains or ponded areas and 25 feet from dry gulches.



A 4 Lot Minor Subdivision of a Part of Section 05, T 11 S, R 65 W, 6th P.M.,  
El Paso County, Colorado.

[illegible]

6.) The address exhibited on this plan are for informational purposes only. They are not a legal description and are subject to change.  
7.) No driveway shall be established unless an access permit has been granted by El Paso County.  
8.) At the time of approval of this plan, this property is located within the unincorporated area of the City of El Paso. The City of El Paso has no residential fire sprinkler requirements for covered structures over 6000 square feet in area, and other fire mitigation requirements depending on the level of fire risk associated with the property and structures. The owner of any lot should contact the fire district to determine the exact fire development requirements relative to the adopted Fire Code.

[illegible]

State of \_\_\_\_\_  
County of \_\_\_\_\_ } SS

The Declaration hereon was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_  
20\_\_\_\_ by Gregory Joseph Hudson & Sheri Lynn Hudson.

State of \_\_\_\_\_ } SS  
County of \_\_\_\_\_ }

The Declaration herein was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, by Jonathan Ronald Hudson and Nancy Lynn Hudson.

Witness My Hand and Official Seal \_\_\_\_\_

Notary: \_\_\_\_\_

**PLANNING and COMMUNITY DEVELOPMENT:**  
Approved By The El Paso County Planning and Community Development Department Resolution  
Director this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

This plat for Hudson Minor Subdivision was approved for filing by the El Paso County Colorado, Board of County Commissioners on the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, subject to any notes specified hereon and any conditions included in the resolutions of approval. The dedications of public road right of ways and easements are hereby accepted.

1. Jerome W. Hamilton, a duly licensed professional land surveyor in the State of Colorado, do hereby certify that this plot truly and correctly represents the results of a survey made on July 15, 2010, by him or under his direct supervision and that all monuments exist as shown hereon, that mathematical closure errors are less than  $\pm 0.0001$  and that said plot has been prepared in full compliance with all applicable laws of the State of Colorado dealing with monuments, subdivisions and surveying of land and in the best of my knowledge and belief provide a true and correct representation of said land.

Sense of Columbia County of El Paso } 55  
I hereby certify that this instrument was filed for record in my office at \_\_\_\_\_  
o'clock \_\_\_\_\_ m., this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, and  
is duly recorded in Reception No. \_\_\_\_\_ of the records  
of El Paso County, California.

CAROL PROCTOR  
County Clerk & Records

School Fees: \_\_\_\_\_  
Road & Bridge Fees: \_\_\_\_\_  
Drainage Fees: \_\_\_\_\_

TITLE: HUDSON MINOR SUBDIVISION Section 3, T11S, R65W, 6th P.M., El Paso County, Colorado.	
CLIENT: Hudson Family	
DATE: 10-26-07	DRAWN BY: JAB/KMZ
SCALE: 1"=40'	
DATE: 02-18-13	DRAWN BY: jmh
PROJECT: 717-941-5252 • P/EX-17-9481-5071 1006 PINEWOOD VALLEY ROAD MONTE VISTA, COLORADO 81401	
ARCHITECT: HANNIGAN™ ASSOCIATES, INC. LAND SURVEYING & LAND PLANNING LAND DEVELOPMENT CONSULTING	
DRAWING NO.: 17-9481-5071	



Inspector BRAD District \_\_\_\_\_ Record I.D. 5337

## EL PASO COUNTY ENVIRONMENTAL HEALTH SERVICES

301 South Union Boulevard • Colorado Springs, CO • 80910-3123 • (719) 578-3125 • Fax: (719) 578-3188

### APPLICATION FOR AN ON-SITE WASTEWATER TREATMENT SYSTEM PERMIT

☒ NEW CONSTRUCTION ☐ MINOR REPAIR ☐ MAJOR REPAIR/ADD

Owner Jeff Hovachin Daytime Phone 719-481-4560  
Address of Property 20310 Black Forest Rd. City & Zip Colo Spgs. Co 80908  
Legal Description Tract 1 Sec 5, T11S, R65W of the 6th PM.  
Owner's MAILING Address 18190 Forest Drive East City, State & Zip Monument 80132  
Lot Size \_\_\_\_\_ Tax Schedule # 51000-00-323

Type of Building: ☒ Frame ☐ Modular ☐ Mobile ☐ Commercial ☐ Manufactured ☐ Other \_\_\_\_\_

Water Supply: ☒ Well or Spring ☐ Cistern ☐ Public Inside City Limits: ☐ No ☐ Yes-City

☒ MAIL PERMIT OR ☐ PICK UP PERMIT ☐ THERE IS AN ADDITIONAL RESIDENCE ON THIS PROPERTY

MAXIMUM POTENTIAL NUMBER OF BEDROOMS 2

Percolation Test Attached ☒ N Basement Y ☒ N Garbage Disposal Y ☒ N Clothes Washer ☒ 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 [Signature]

Date Dec 3, 02

You will be notified by telephone when your permit is ready for pick up. Please allow a minimum of 10 days for new septic.

#### DEPARTMENT OF HEALTH USE ONLY

1000 Gallons Minimum Tank Capacity 399 FT<sup>2</sup> Minimum Absorption Area 12-5-03 Date of Site Inspection

REMARKS GPS of Profile [N 39° 7.365' W 104° 41.818']  
Install Leach Field in area of perc tests. Leach Field  
must have a minimum of 18, 6'x3' Chambers, if those are  
used. Leach Field cannot be installed deeper than  
3' below native ground surface according to engineer.  
Leach Field must be kept at least 25' from dry Gulch  
to the south.

EHS INSPECTOR [Signature] DATE 12-5-03 ☒ APPROVED ☐ DENIED

#### FEES AS OF 11/1/02:

NEW CONSTRUCTION \$432.00 + Planning Department Surcharge of \$30. = \$462.00  
MAJOR REPAIR/ADDITION \$342.00  
MINOR REPAIR/ADDITION \$162.00

DATE TO PLANNING / WASTEWATER: 12/4/03

DATE TO FLOODPLAIN/ENUMERATIONS \_\_\_\_\_

PLEASE COMPLETE THE BACK OF THIS FORM

EL PASO COUNTY, DEPARTMENT OF HEALTH AND ENVIRONMENT Permit # 0N0005337  
INDIVIDUAL SEWAGE DISPOSAL SYSTEM INSPECTION FORM Date 9-15-04 Sid Darden

APPROVED: Yes ☒ No ☐ Environmental Health Specialist: Sid Darden 10-08-04 Janet C.

Address 20310 Black Forest Rd. 80908 Owner Jeff Houchin  
Legal Description Tract 1 in Sec 5, T3 11 S, R65 W TAX # 51000-00-323  
Residence ☒ # Bedrooms 2 Commercial ☐ System Installer Owner

**SEPTIC TANK:**

Commercial ☒ Noncommercial ☐ Construction Material Concrete Capacity Gallon 1000

**DISPOSAL FIELD:**

Trench: Depth (Range) \_\_\_\_\_ Width \_\_\_\_\_ Total Length \_\_\_\_\_ Sq. Ft. \_\_\_\_\_

Bed: Depth (Range) \_\_\_\_\_ Length \_\_\_\_\_ Width \_\_\_\_\_ Sq. Ft. \_\_\_\_\_

Depth of Rock \_\_\_\_\_ Under PVC \_\_\_\_\_ Type of cover on Rock \_\_\_\_\_

**DRYWELLS:** # of Pits \_\_\_\_\_ Rings (Pit 1) \_\_\_\_\_ Rings (Pit 2) \_\_\_\_\_ Working Depth #1 \_\_\_\_\_ #2 \_\_\_\_\_

Size (L x W) #1 \_\_\_\_\_ #2 \_\_\_\_\_ Total Sq. Ft. \_\_\_\_\_

**ROCKLESS SYSTEMS:**

Standard Chamber: Type Biodiffuser #Chambers 19 Sq. Ft./Chamber 15.5 Bed Trench ☒

High Profile Units: Type Chamber \_\_\_\_\_ #Chambers \_\_\_\_\_ Sq. Ft./Chamber \_\_\_\_\_ Bed Trench

Reduction Allowed 40 % Sq. Ft. Required 399 Depth (Range) 2'

Sq. Ft. Installed 294.5 Equivalent Sq. Ft. Installed with Reduction 491

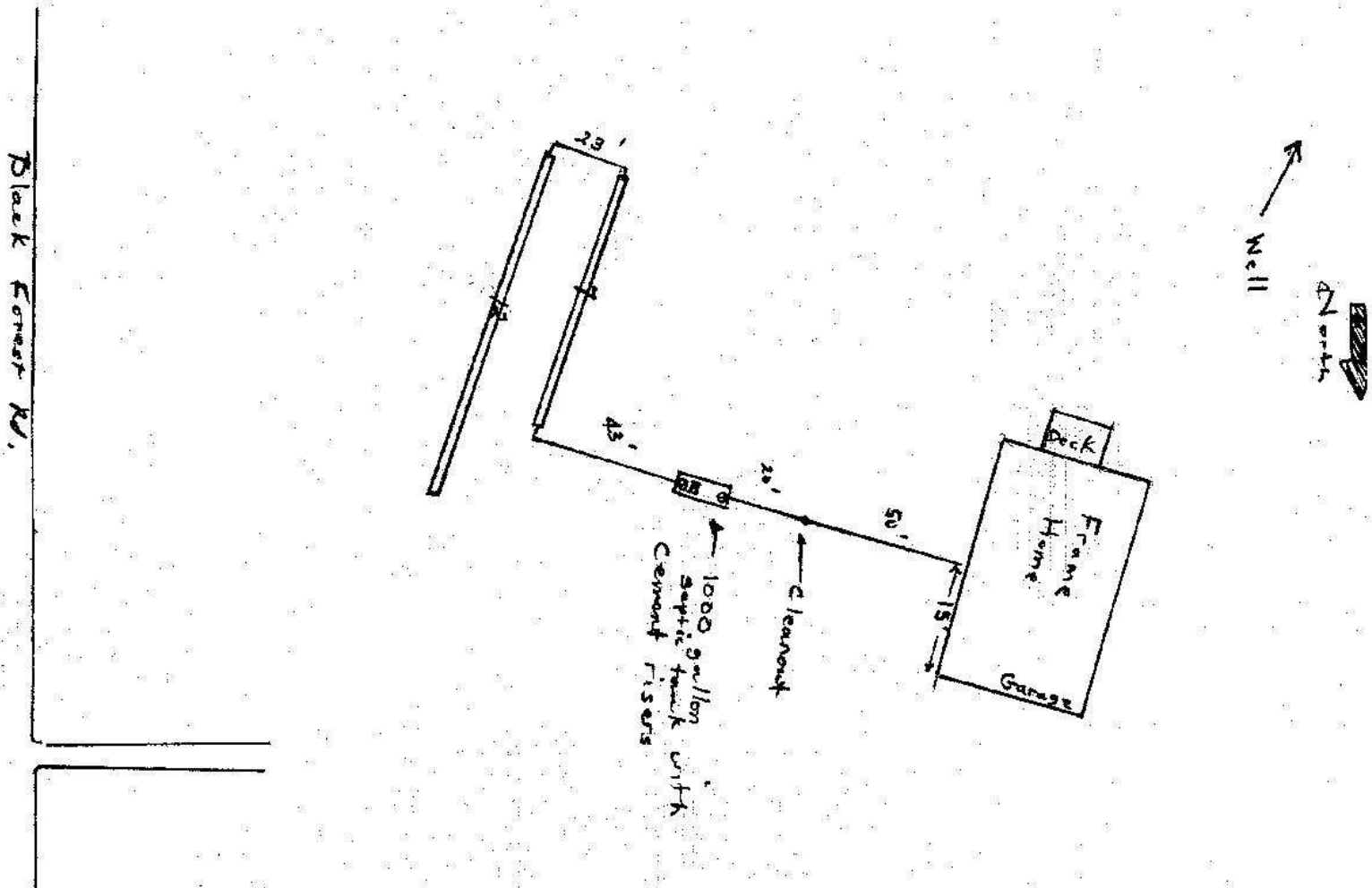
Engineer Design: Y ☒ Engineering Firm N/A

Approval letter provided? Y ☒ 600 ft to the west

Well installed at time of septic system inspection? ☒ 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: 4" SDR 35 septic pipe installed.



EL PASO COUNTY  
DEPARTMENT OF HEALTH AND ENVIRONMENT  
301 S Union Blvd, Colorado Springs, Colorado 719-575-8636

INDIVIDUAL SEWAGE DISPOSAL SYSTEM PERMIT

OWNER NAME: JEFF HOUGHIN PERMIT NUMBER: ON0005337  
ADDRESS: 20310 BLACK FOREST RD DATE PERMITTED: 12/8/2003  
CITY, STATE, ZIP: COLORADO SPRINGS CO 80908 PHONE NUMBER: 7194814560  
INSTALLED BY:

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.

*Rosemary C. Baker-Martin*

DIRECTOR, EL PASO COUNTY DEPARTMENT OF HEALTH AND ENVIRONMENT

PERMIT EXPIRATION DATE:  
Expires twelve months from date of issue

*Brad Walker* 578-3127  
ENVIRONMENTALIST / PHONE NUMBER\*

\* NOTE: FOR INSPECTIONS CALL 575-8699 BEFORE 8:30 A.M. OF THE DAY TO BE INSPECTED.  
(WEEKENDS & HOLIDAYS EXCLUDED)  
LEAVE THE ENTIRE SEWAGE DISPOSAL SYSTEM UNCOVERED FOR FINAL INSPECTION.

WATER SOURCE: WELL  
MINIMUM SEPTIC TANK SIZE: 1,000 GALLONS MINIMUM ABSORPTION AREA REQUIRED 399 SQ FT  
PLANNING DEPARTMENT [REDACTED] ENUMERATION [REDACTED] FLOOD PLAIN [REDACTED] WASTEWATER [REDACTED]

COMMENTS:

INSTALL LEACH FIELD IN AREA OF PERCOLATION TEST. LEACH FIELD MUST HAVE A MINIMUM OF 18, 6 FOOT BY 3 FOOT CHAMBERS IF THOSE ARE USED. LEACH FIELD CANNOT BE INSTALLED DEEPER THAN 3 FEET BELOW NATIVE GROUND SURFACE ACCORDING TO ENGINEER. LEACH FIELD MUST BE KEPT AT LEAST 25 FEET FROM DRY GULCH TO THE SOUTH.

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.

FOR ADMINISTRATIVE USE ONLY

Permit Ready: Called 12/10/03 Mailed

Final Inspection Requested BY: *Owner*  
Phone # 481-4560

Date Called In: 10/2/04 8:00  
2/15/04 8:40  
Septic Site will be ready: *Now*



6825 Silver Ponds Heights #101  
Colorado Springs, CO 80908  
(719) 481-4560

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**PROFILE PIT EVALUATION**

**FOR**

**GREGORY HUDSON**

**JOB #17-0658**

20310 Black Forest Road,  
El Paso County,  
Colorado

Respectfully submitted,

  
Charles E. Milligan, P.E.  
Civil Engineer





## PROFILE PIT FINDINGS

Enclosed are the results of the profile pit for the septic system to be installed at **20310 Black Forest Road, El Paso County, Colorado**. The location of the test pit was determined by Gregory Hudson. The residence will not be on a public water system. The number of bedrooms in the design for the residence is unknown. Due to the natural slope of the property, the entire system will feed to the east at approximately 6% at least 20 feet. All applicable portions of the El Paso County Health Department Onsite Wastewater Treatment System Regulations (OWTS) must be complied with for the installation of the treatment system.

The inspection was performed on July 21, 2017, in accordance with Table 10-1 of the **E.P.C.P.H. OWTS Regulations**.

### Soil Profile #1:

- 0 to 6" - Topsoil- loam, organic composition.
- 6" to 48" - USDA soil texture sandy clay, soil type 4A, structure shape none, structure grade massive, non-cemented, LTAR 0.15, reddish yellow in color, 7.5YR 6/6.
- 48" to 8' - USDA soil texture sandy clay loam, soil type 3, structure shape granular, structure grade 2, non-cemented, LTAR 0.35, brown in color, 7.5YR 4/3.

### Soil Profile #2:

- 0 to 7" - Topsoil- loam, organic composition.
- 7" to 55" - USDA soil texture sandy clay loam, soil type 3A, structure shape none, structure grade massive, non-cemented, LTAR 0.60, strong brown in color, 7.5YR 4/6.
- 55" to 8' - USDA soil texture sandy loam, soil type 2, structure shape granular, structure grade 2, non-cemented, LTAR 0.60, very pale brown in color, 10YR 7/4.

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

Due to encountering USDA soil type 4A, the septic system to be installed on this site shall be designed by a Colorado Licensed Engineer. Based on the observed conditions, we feel a design based on an LTAR of 0.15, GPD/SF (USDA 4A, treatment soil, treatment level 1) is reasonable. Maximum depth of the installation shall be not deeper than 4 feet below existing grade.

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 partly cloudy skies with hot temperatures.



# PROFILE PIT LOG - Profile Pit #1

JOB#: 17-0658  
DATE EVALUATED: 21 Jul 2017  
EQUIPMENT USED: MINI-EXCAVATOR

## 0"-6" TOPSOIL

Loam  
Organic Composition

## 6"-48" Clay

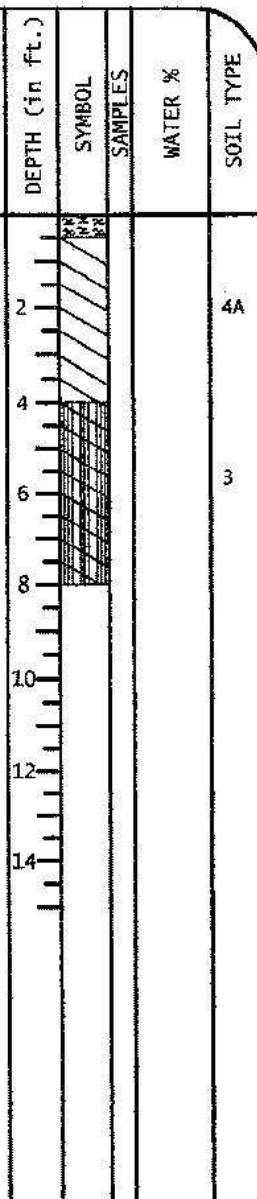
Fine-coarse Grained  
Moderate-high Density  
Moderate-high Moisture Content  
High Clay Content  
High Cohesion  
High Plasticity  
Reddish Yellow Color  
7.5YR 6/6

USDA Soil Texture: Sandy Clay  
USDA Soil Type: 4A  
USDA Structure Shape: None  
USDA Structure Grade: Massive  
Cementation Class: Non-Cemented  
Long Term Acceptance Rate (LTAR, Treatment Level 1): 0.15

## 48"-8' Clayey Sand

Fine-coarse Grained  
High Density  
Low-moderate Moisture Content  
Moderate Clay Content  
Moderate Cohesion  
Moderate Plasticity  
Brown Color  
7.5YR 4/3

USDA Soil Texture: Sandy Clay Loam  
USDA Soil Type: 3  
USDA Structure Shape: Granular  
USDA Structure Grade: 2  
Cementation Class: Non-Cemented  
Long Term Acceptance Rate (LTAR, Treatment Level 1): 0.35



**LTAR to be Used for OWTS Sizing: 0.15GPD/SF (USDA Type 4A, Treatment soil, Treatment Level 1)**  
**Depth to Groundwater (Permanent or Seasonal):** Not Encountered  
**Depth to Bedrock and Type:** Not Encountered  
**Depth to Proposed Infiltrative Surface from Ground Surface:** Unknown (Maximum 4 ft Below Existing Ground Surface)  
**Soil Treatment Area Slope and Direction:** East @ 6%

Note: See El Paso County Board of Health Regulation Chapter 8: On-Site Wastewater Treatments Systems (OWTS) Regulations for Additional Information. Refer to Table 10-1 for Corresponding LTAR if Treatment Level 2, 2N, 3, or 3N will be Implemented in the Design of the OWTS. System Sizing Depends on a Number of Factors (i.e. LTAR, # of Bedrooms, Type of Soil Treatment Area (STA), Method of Transfer to the STA (Gravity, Dosed, or Pressure Dosed), and Type of Storage / Distribution Media Used in the STA)

Project: 17-0658  
Sheet: 1 of 2  
Date: 04 Aug 2017  
Scale: 1/4" = 1'  
Drawn by: mtj  
Checked by: cem

### Project Name and Address

**Greg Hudson**

20310 Black Forest Rd  
Sch. No. 5100000323  
El Paso County, Colorado

### GEOQUEST, LLC.

6825 SILVER PONDS HEIGHTS  
SUITE 101  
COLORADO SPRINGS, CO  
80908

OFFICE: (719) 481-4560  
FAX: (719) 481-9204



# **PROFILE PIT LOG - Profile Pit #2**

JOB#: 17-0658  
 DATE EVALUATED: 21 Jul 2017  
 EQUIPMENT USED: MINI-EXCAVATOR

## **0"-7" TOPSOIL**

Loam  
 Organic Composition

## **7"- 55" Clayey Sand**

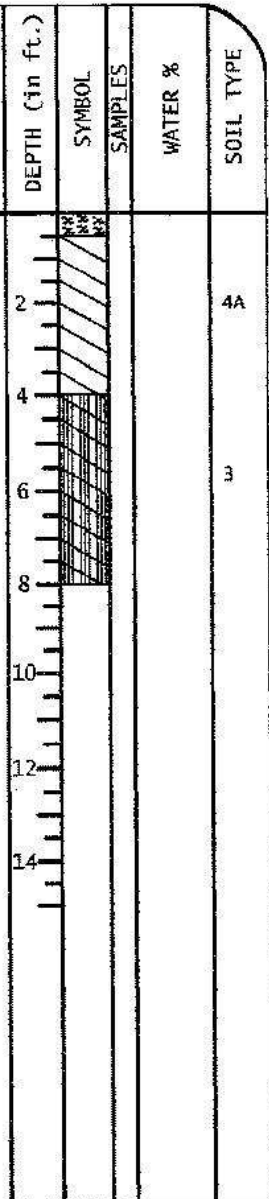
Fine-coarse Grained  
 Moderate Density  
 Moderate Moisture Content  
 Moderate Clay Content  
 Moderate Cohesion  
 Moderate Plasticity  
 Strong Brown Color  
 7.5YR 4/6

USDA Soil Texture: Sandy Clay Loam  
 USDA Soil Type: 3A  
 USDA Structure Shape: None  
 USDA Structure Grade: Massive  
 Cementation Class: Non-Cemented  
 Long Term Acceptance Rate (LTAR, Treatment Level 1): 0.30

## **55"- 8' Sand**

Fine-coarse Grained  
 High Density  
 Low-moderate Moisture Content  
 Low Clay Content  
 Low Cohesion  
 Low Plasticity  
 Very Pale Brown Color  
 10YR 7/4

USDA Soil Texture: Sandy Loam  
 USDA Soil Type: 2  
 USDA Structure Shape: Granular  
 USDA Structure Grade: 2  
 Cementation Class: Non-Cemented  
 Long Term Acceptance Rate (LTAR, Treatment Level 1): 0.60



**LTAR to be Used for OWTS Sizing: 0.15GPD/SF (USDA Type 4A, Treatment soil, Treatment Level 1)**  
**Depth to Groundwater (Permanent or Seasonal):** Not Encountered  
**Depth to Bedrock and Type:** Not Encountered  
**Depth to Proposed Infiltrative Surface from Ground Surface:** Unknown (Maximum 4 ft Below Existing Ground Surface)  
**Soil Treatment Area Slope and Direction:** East @ 6%

Note: See El Paso County Board of Health Regulation Chapter 8: On-Site Wastewater Treatments Systems (OWTS) Regulations for Additional Information. Refer to Table 10-1 for Corresponding LTAR if Treatment Level 2, 2N, 3, or 3N will be Implemented in the Design of the OWTS. System Sizing Depends on a Number of Factors (i.e. LTAR, # of Bedrooms, Type of Soil Treatment Area (STA), Method of Transfer to the STA (Gravity, Dosed, or Pressure Dosed), and Type of Storage / Distribution Media Used in the STA)

Project: 17-0658

Sheet: 2 of 2

Date: 04 Aug 2017

Scale: 1/4" = 1'

Drawn by: mtj

Checked by: cem

## **Project Name and Address**

**Greg Hudson**

20310 Black Forest Rd  
 Sch. No. 5100000323  
 El Paso County, Colorado

## **GEOQUEST, LLC.**

6825 SILVER PONDS HEIGHTS  
 SUITE 101  
 COLORADO SPRINGS, CO  
 80908

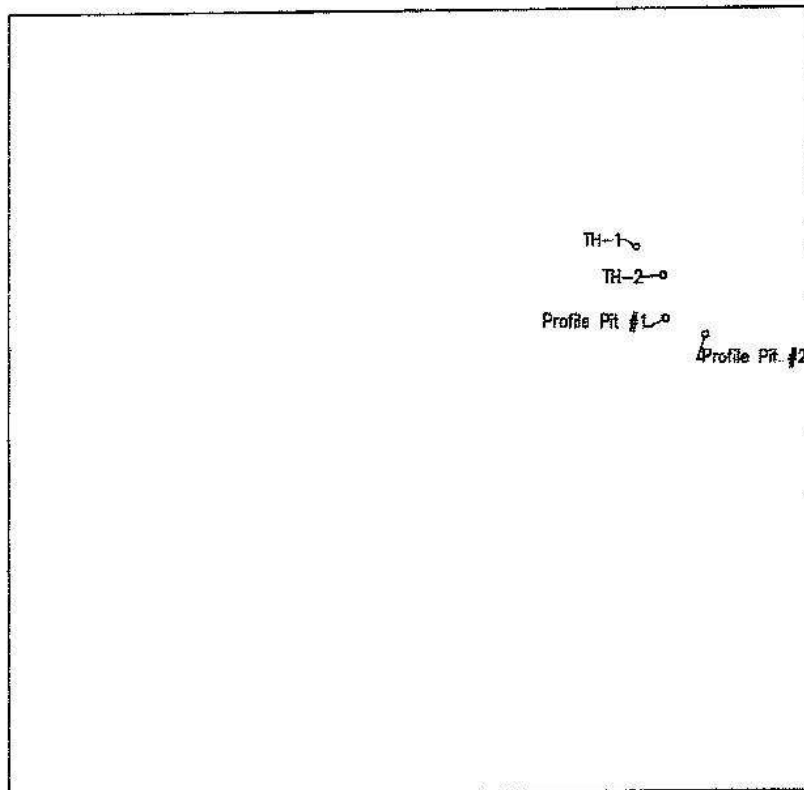
OFFICE: (719) 481-4560  
 FAX: (719) 481-9204



# GEOQUEST LLC

## SITE MAP

20310 Black Forest Rd  
El Paso County,  
Colorado,  
Job #17-0658



Location from Northeast Lot Corner to Profile Pit #1:

S. 25° W. - 558'

Location from Profile Pit #1 to Profile Pit #2:

S. 69° E. - 69'

GPS Coordinates:

Pit 1; N. 39° 07' 22.21" W. 104° 41' 45.19"

Pit 2; N. 39° 07' 21.87" W. 104° 41' 44.20"



0 100 200 300  
GRAPHIC SCALE IN FEET

SCALE: 1" = 300'