



Prevent • Promote • Protect

Environmental Health Division

1675 W. Garden of the Gods Rd., Suite 2044
Colorado Springs, CO 80907
(719) 578-3199 phone
(719) 575-8664 fax
www.elpasocountyhealth.org

ENGINEERED ON-SITE WASTEWATER TREATMENT SYSTEM
FINAL INSPECTION FORM

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On-site ID: ON0049361 Tax schedule(APN) #: 6105002001 Permit Type: New Major Minor
Environmental Health Specialist: Kat McGarvy Final Inspection Date: 4.4.2018 Approved: YES NO

Residential Property Information:

Owner: James and Yomba Von Seggern Address: 19648 Kershaw Ct Monument CO 80132 Approved No. Bedrooms: 7
Water supply: Municipal Well Cistern Date well installation verified: 4.4.2018 GPS of Well: None Taken
Approval will be revoked if in the future any well is found to be within 50 feet of the septic tank and/or 100 feet of the soil treatment area.

Minimum System Requirements: Soil Type: 3 LTAR: 0.35 Limiting Layer: Groundwater 26-30" Bedrock
OWTS Tank: Capacity (gallons): 2000
Soil Treatment Area (STA): Sq. Ft. (10-1): 2143 Sq. Ft. (10-2): 2143 Sq. Ft. (10-3): 1500 Sq. Ft. (with Diverter Valve): NA
NDDS (STA): Sq. Ft. (10-1): NDDS Factor: Sq. Ft. (NDDS adjustment):

Engineering:

Design Engineer: GeoQuest LLC Engineer design #: 17-0634
Date engineer record drawing/certification letter recieved: 4.23.2018

Final system installation:

Licensed Installer: Teir 2: Installer: J and K Excavating

Treatment Level: 1 1PD 2 2N 3 3N

OWTS Tank: GPS Location: 39° 07.267 N, 104° 18.249 W
Construction Material: concrete Capacity (gallon): 2250 Existing New

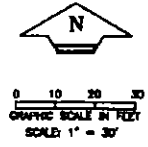
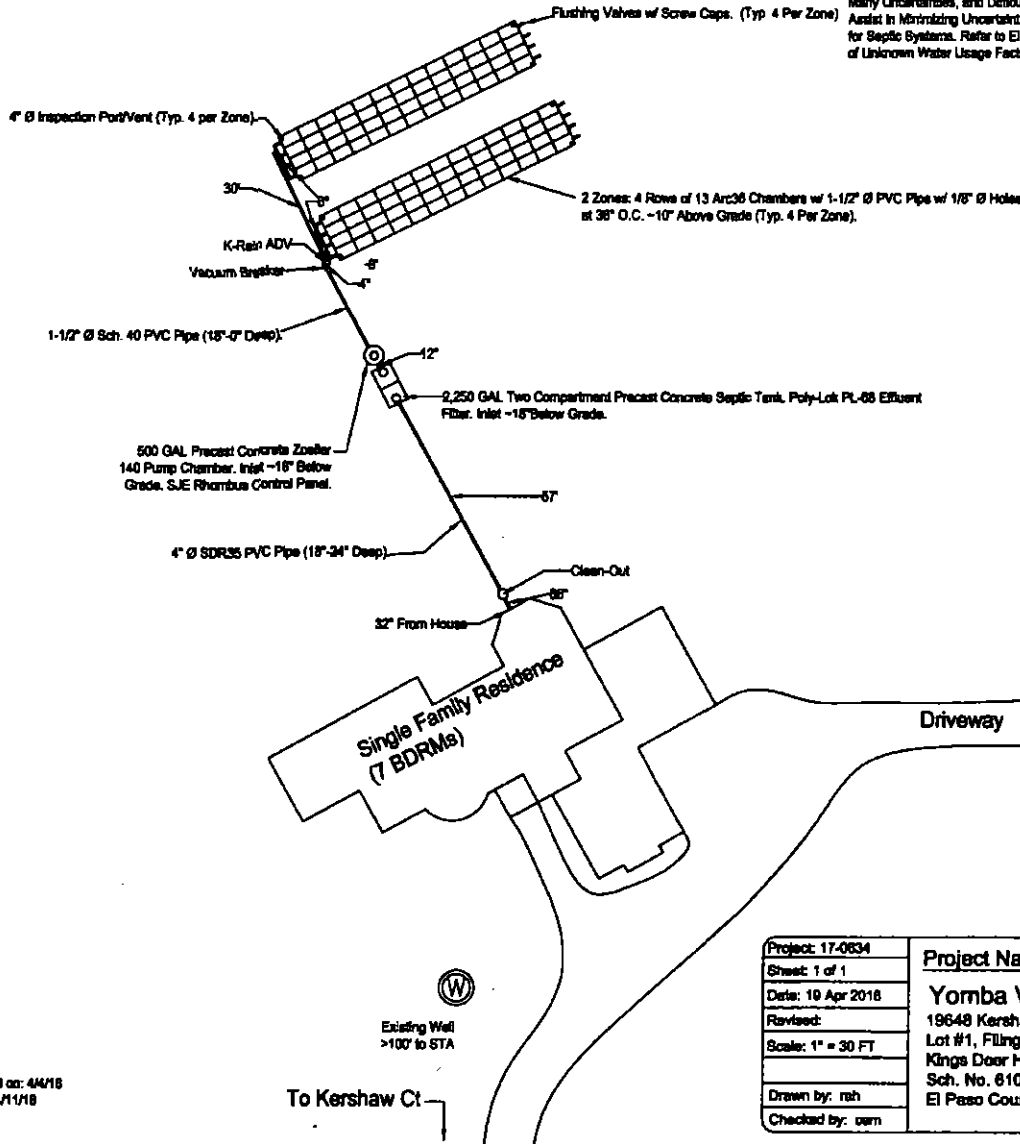
OWTS Pump Tank: YES NO Capacity (gallon): 500 Audio/visual Alarm: YES NO
Pump (Gal/dose): 125 gal Flow: 34.2 gpm Total Dynamic Head: 29.0' Elevation difference: not provided

Soil Treatment Area (STA): GPS Location: 39° 07.270 N, 104° 18.246 W Total Sq. Ft installed: 1440
Configuration: Trench Bed Distribution: Gravity Pressure Dosed NDDS
 Rock and Pipe: Width: Total Length: Installation Depth:
Depth of Rock(under pipe): Type of cover on Rock:
 Chambers: Type: Arc 36 Sq. Ft./chamber: 15 No. Chambers: 104 Installation Depth(range): 10-12" above grade
 NDDS: # Zones: # Laterals/zone: Field Dimensions:
 Seepage Pit: # Rings:

Notes:

On-Site Wastewater Treatment System (OWTS) Record Drawing

Geoquest, LLC. has provided this Design in accordance with the Standards of Practice Common to the Area. However, as with All Underground Absorption Fields, Guarantee from Failure is impossible. Even with Proper Installation, as Outlined for this Proposed Construction, There Can Remain Many Uncertainties, and Difficulties Can Still Arise in the Operation of the System in the Future. Proper Design, Construction, and Maintenance can Assist in Minimizing Uncertainties, but Cannot Entirely Eliminate Them. Homeowners Should be Advised of Maintenance and Special Considerations for Septic Systems. Refer to El Paso County Public Health Brochure: "Maintaining Your Septic System" for Additional Information. Due to the Possibility of Unknown Water Usage Factors, Geoquest, LLC. Provides No Warranty of this Design or Installation Against Failure or Damage of Any Type.



OWTS Installer Information:
 Installed by: J & K Excavating
 Contact Info:
 John Westfall
 (719) 331-4321
 P.O. Box 584
 Monument, CO 80132
 Installation Inspection Performed on: 4/11/18
 Final Inspection Performed on: 4/11/18

Existing Well
 >100' to STA

To Kershaw Ct

Project: 17-0634	Project Name and Address
Sheet: 1 of 1	
Date: 10 Apr 2018	Yomba Von Seggem 19648 Kershaw Court Lot #1, Filing #1 Kings Door Highlands Subdivision Sch. No. 6106002001 El Paso County, Colorado
Revised:	
Scale: 1" = 30 FT	
Drawn by: rsh	
Checked by: uem	

GEOQUEST, LLC. 6825 SILVER PONDS HEIGHTS SUITE 101 COLORADO SPRINGS, CO 80908 OFFICE: (719) 481-4560 FAX: (719) 481-9204	
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Notify Environmental Health of any change of ownership, type of business activity, business name, or billing address by calling (719) 578-3199. Failure to notify Environmental Health may result in late penalties, Permit/License denial or revocation, and business closure. PERMITS/LICENSES TO OPERATE AND ANNUAL FEE PAYMENTS ARE NOT TRANSFERABLE. Permits become void on change of ownership. New owners must apply and pay for a new Permit(s)/License(s) prior to beginning operation.

Attn: JAMES AND YOMBA VON SEGGERN
19648 KERSHAW CT
MONUMENT, CO 80132



**EL PASO COUNTY PUBLIC HEALTH
ENVIRONMENTAL HEALTH DIVISION**
1675 W. GARDEN OF THE GODS ROAD, SUITE 2044
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NEW SYSTEM PERMIT - OWTS

Valid From 9/26/2017 To 9/26/2018

PERMITEE :

**JAMES AND YOMBA VON SEGGERN
19648 KERSHAW CT
MONUMENT, CO 80132**

Onsite ID: ON0048361

Tax Schedule # : 6105002001

Permit Issue Date: 09/26/2017

Dwelling Type: RESIDENTIAL

OWNER NAME :

JAMES AND YOMBA VON SEGGERN

of Bedrooms (if Res): 7

Proposed Use (if Comm):

Designed Gallons/Day:

Water Source: PRIVATE WELL

System Installation Requirements:

- An Engineered OWTS system to be installed on site due to encountering groundwater 26" - 30", requiring a Tier II licensed installer.
- TIER II LICENSED INSTALLER MUST BE NAMED AND VERIFIED PRIOR TO FINAL APPROVAL OF SYSTEM.
- System installation to include above grade pressure dosed chamber in bed, system, must maintain 3' separation to groundwater minimum 10" above grade.
- Minimum tank requirements 2000 gallon and 1500 sq ft of soil treatment area (125 Q4 / 100 Arc 36 chambers required).
- The system must be installed per approved GeoQuest Engineering design document #17-0634 stamped and dated 9.6.2017, changes to the approved design document must be submitted and approved by Public Health prior to installation.
- All horizontal setbacks must be maintained through system installation
- Engineered systems require the as built drawing and certification letter from the engineer be submitted to Public Health prior to final approval and Regional Building sign off
- Ensure that all work is completed prior to contacting and requesting final line for inspection, otherwise additional fees may be incurred.

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This permit is issued in accordance with 25-10-106 Colorado Revised Statutes. The PERMIT EXPIRES upon completion/installation of the Onsite Wastewater Treatment System, or at the end of twelve (12) months from date of issue, whichever occurs first. If both a Building Permit and an Onsite Wastewater Treatment System Permit are issued for the same property and construction has not commenced prior to the expiration date of the Building Permit, the Onsite Wastewater Permit shall expire at the same time as the Building Permit. This permit is revocable if all stated requirements are not met. The Onsite Wastewater Treatment System must be installed by an El Paso County Licensed System Contractor, or the property owner.

The Health Officer shall assume no responsibility in case of failure or inadequacy of an Onsite Wastewater Treatment System, beyond consulting in good faith with the property owner or representative. Access to the property shall be authorized at reasonable time for the purpose of making such inspections as are necessary to determine compliance with the requirements of this law (permit).

**Inspection request line: Call (719) 575-8699 before 8:30 a.m. of the day that the inspection is requested
Weekends & Holidays excluded.**

Authorized By: Environmental Health Specialist



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530007849 AR0012072 ON0049361

APPLICATION FOR AN ON-SITE WASTEWATER TREATMENT SYSTEM PERMIT

Property Information:

Property Address: 19648 Kershaw Court City: Monument and Zip: 80132

Legal Description: Lot 1 Kings Deer Highlands Sub

Tax Schedule #: 6105002001 Lot size: 2.98 Acres

Is the property gated: Yes No Please provide a gate code if necessary: _____

Site Located Inside City Limits: Yes No Proposed Use: Residential Commercial

Water Supply: Well Cistern Municipal Potential Number of Bedrooms: 7

Has a Conditional Acceptance Document been issued for this property: Yes No Unsure

Owner Information: Primary Contact : James & Yomba Von Seggern

Owner: James M. & Yomba A. Von Seggern Daytime Phone: 402.301.8237

Owners Mailing Address: 6821 Milan Drive, Lincoln NE 68526

Email Address: yvonseggern@gmail.com Fax #: 402.223.6541

General Contractor: Gene Squires home: 218.838.7708 Email: gsquiresadjusting@gmail.com

OWTS Installer Information: Primary Contact: John Westfal

System Installer: J & K Excavating Daytime 719.331.4321

Phone Address: 17745 CO-83, Co. Springs Co 80908 Licensed installer: Tier I Tier 2

All engineer-design systems **must** be installed by a Tier 2 licensed installer

CURRENT FEES AS APPROVED BY THE EL PASO COUNTY BOARD OF HEALTH

All payments are due at the time of application submittal; by cash, check or major credit card (Visa / MC)

New Permit: \$685.00 (EPCPH Charge) + \$147.00 (EPC Planning Dept. Surcharge) + \$23.00 (CDPHE Surcharge) = **\$855.00**

Major Repair Permit: \$525.00 (EPCPH Charge) + \$23.00 (CDPHE Surcharge) = **\$548.00**

Minor Repair Permit: \$240.00 (EPCPH Charge) + \$23.00 (CDPHE Surcharge) = **\$263.00**

Permits expire one year from date of issuance, unless otherwise noted

REQUIRED: Provide a complete written scope of work to be performed on the property.

To install a new and complete onsite water treatment system to specifications in Geoquest Design.

The following documents MUST be included with your application.

- A soils report: including at least 1 soil profile excavation pit, in accordance with section 8.5 A-F of OWTS regulations
- A clear and legible design document: including the proposed and alternate locations, as well as system layout, labeled with all setbacks to pertinent structures and features in table 7-1.
- Provide directions to property, from a main highway, on the back side of application.


Failure to provide the above listed documents may result in denial of the permit application

I certify that the information provided on this application is in compliance with Section 8.3, Chapter 8 of the On-site Wastewater System (OWS) Regulations of the El Paso County Board of Health. I also authorize the assigned representative of El Paso County Public Health to enter onto this property in order to obtain information necessary for the issuance of a permit.


Applicant Signature: yvonseggern Date: 9/7/2017

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- Property address or lot number must be clearly marked and visible from the road.
- Profile excavation test pit and/or soil profile holes must be clearly marked
- Proposed and alternate soil treatment areas must be protected from compaction and disturbance
- Locked gates require the gate code or lock combination be provided on front of application
- Please provide directions to the property from a main highway. by text or picture, below.

 Start out going east on W Garden of the Gods Rd toward Centennial Blvd.


----- Then 1.58 miles -----

 Merge onto I-25 N/US-85 N/US-87 N via the ramp on the left.

----- Then 14.22 miles -----

 Take the CO-105 exit, EXIT 161, toward Monument/Palmer Lake.

----- Then 0.57 miles -----


 Turn right onto W Highway 105/CO-105.

----- Then 3.58 miles -----

 Turn left onto Roller Coaster Rd.

If you are on E Highway 105 and reach Canterbury Dr you've gone about 0.2 miles too far.


----- Then 1.55 miles -----

 Turn left onto Kershaw Ct.

Kershaw Ct is 0.5 miles past Royal Troon Dr.

If you reach Montcome Dr you've gone about 0.5 miles too far.

----- Then 0.03 miles -----

 19648 Kershaw Ct, Monument, CO 80132-2882, 19648 KERSHAW CT is on the right.

If you reach Falcon Crest Ct you've gone about 0.1 miles too far.

Failure to comply with the above information may result in an additional charge for a return trip.

Permit #: _____ Site Inspection date: 9/14

Date Approvals Rcvd: Development Services: 9/14 Floodplain/enumerations: 9/13

Design: Conventional Engineer Design Engineer: GeoQuest LLC

Engineer Job #: 17-0634 Engineer Date Stamped: 9.6.17

LTAR/Soil Type: 0.35 / soil 3 Groundwater: 20" PPI / 30" PP2 Bedrock: UA PPI / NA PP2

Minimum Requirements: Tank Capacity: 2000 Soil Treatment Area: 1500

System Feed: Gravity Pump to Gravity Pressure Dosed Other: above Grade

System Media: Chambers Rock and Pipe Other Soil Treatment Area: Trenches Bed

Additional Comments: 750/0.35 = 2143 2500(1.0) = 2500(0.7) = 1750 1500 (12504/100) Are 36
500 gallon pump tank (min 10" above grade.)

E.H. Specialist: [Signature] Date: 9/25/17 Approved Denied