



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

ON-SITE WASTEWATER TREATMENT SYSTEM INSPECTION FORM

ON-SITE ID: ON0049217

APN # 4223002013

DATE: 9/12/2017

P

APPROVED YES ☒ NO ☐

Environmental Health Specialist: Kat McGarvy

Address: 16581 Prairie Vista Ln Peyton CO 80831 Owner: Phil Dian Werner

Residence: ☒ #Bedrooms: 4 Commercial: ☐ System Installer: Bughenhausen Excavating

SEPTIC TANK: Construction Material concrete

Capacity Gallon 1250 gallon, 500 gallon pump chamber

SOIL TREATMENT AREA:

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

Bed: Depth (Range): Width: Total Length: Sq. Ft.:

Depth of Rock: Under PVC: Type of cover on Rock:

SEEPAGE PITS: # of Pits: Working Depth #1: #2: Size (L x W) #1 #2 Total Sq. Ft.

CHAMBER SYSTEMS:

Type of Chamber: Q4LP #Chambers: 104 Sq. Ft./Chamber: 12' Bed: ☒ Trench: ☐ Depth (Range):

Sq. Ft. Required (10-1): 1750 Sq. Ft. Required (10-2): 1750 Sq. Ft. Required (10-3): 1225 Sq. Ft. Required for Diverter Valve: (10-2)/(2)

Sq. Ft. Installed: 1248

Engineer Design: Y ☒ N ☐ Engineering Firm: GeoQuest LLC Approval Letter Provided: Y ☒ N ☐

Well installed at time of OWTS inspection: Y ☒ N ☐ Public Water: Y ☐ N ☒

**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 soil treatment area.*

Notes:

See attached as built GeoQuest LLC Drawing dated 9.19.17

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.

Existing Driveway

To Prairie Vista Lane

OWTS Installer Information:

Installed by: Bugenhagen Excavating

Contact Info:

11565 Oil Well Road,

Celina, CO 80808

(719) 440-8490

Installation Inspection Performed on: 9/12/17

Final Cover Inspection Performed on: 9/14/17

Single Family
Residence
(4 BDRMs)

1,260 GAL Two Compartment Precast Concrete Septic
Tank. Poly-Lok PL-68 Effluent Filter, Inlet ~30" Deep.

500 GAL Precast Concrete Pump Chamber. Inlet
~30" Deep. Zoeller Pump 153. SJE Rhombus
Control Panel.

No Build Area

Property Line

Property Line

No Build Area

Project: 16-0795
Sheet: 1 of 1
Date: 12 Sept 2017
Revised:
Scale: 1" = 30 FT
Drawn by: vsm
Checked by: csm

Project Name and Address

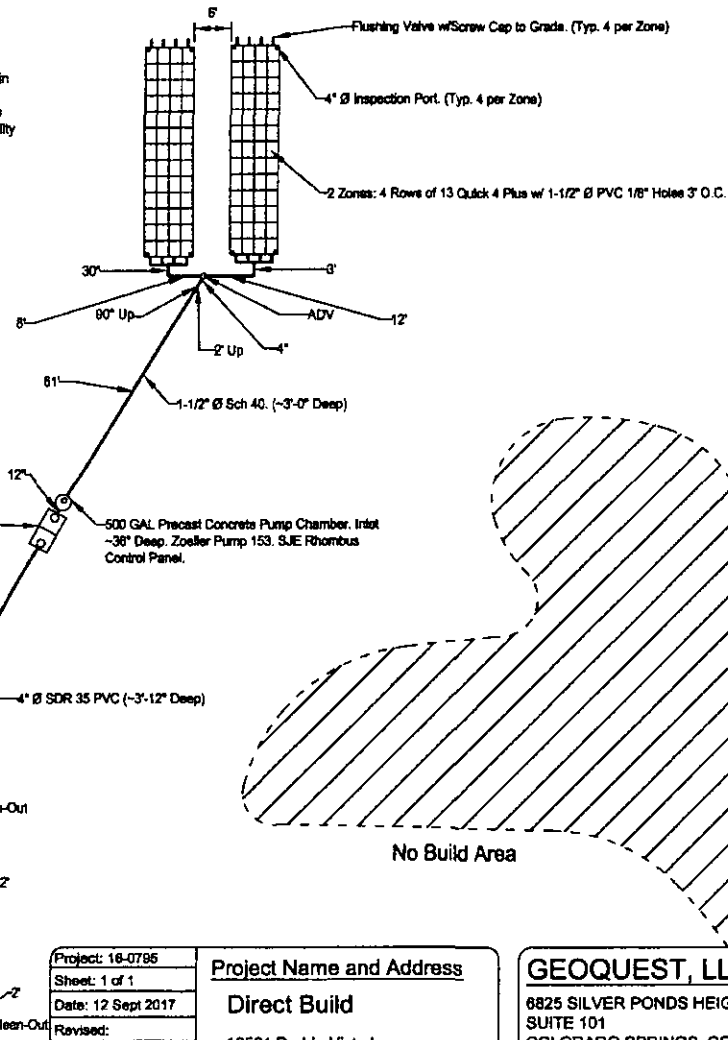
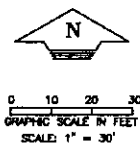
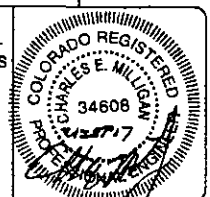
Direct Build

16581 Prairie Vista Lane,
Lots #3, Filing #3,
Prairie Vista Meadows S/D
Sch. No. 4223002013
El Paso County, Colorado

GEOQUEST, LLC.

6825 SILVER PONDS HEIGHTS
SUITE 101
COLORADO SPRINGS, CO
80908

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



Attn: PHIL DIAN WERNER
16581 PRAIRIE VISTA LN
PEYTON, CO 80831

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.



**EL PASO COUNTY PUBLIC HEALTH
ENVIRONMENTAL HEALTH DIVISION**
1675 W. GARDEN OF THE GODS ROAD, SUITE 2044
COLORADO SPRINGS, CO 80907
PHONE: (719) 578-3199 FAX: (719) 578-3188
www.elpasocountyhealth.org

NEW SYSTEM PERMIT - OWTS

Valid From 5/25/2017 To 5/25/2018

PERMITEE :

PHIL DIAN WERNER
16581 PRAIRIE VISTA LN
PEYTON, CO 80831

Onsite ID: ON0049217

Tax Schedule #: 4223002013

Permit Issue Date: 05/25/2017

Dwelling Type: RESIDENTIAL

OWNER NAME :

PHIL DIAN WERNER

of Bedrooms (if Res): 4

Proposed Use (if Comm):

Designed Gallons/Day:

Water Source: PRIVATE WELL

System Installation Requirements:

- Install new on-site wastewater treatment system (OWTS) according to engineer design by Geoquest, LLC., Project No. 16-0795, stamped on May 1, 2017.
- Due to encountering groundwater at a depth of 28 inches, OWTS shall be installed above grade. A minimum 16 inches of imported sand maybe necessary to maintain a minimum separation of 36 inches to the groundwater.
- Any modifications made to the system shall be reviewed and approved by both Geoquest, LLC and Public Health prior to installing.
- An as-built drawing and a certification letter provided by Geoquest, LLC shall be submitted by the homeowner/contractor to Public Health for final approval.
- Questions? Call Neil: 719-237-9194

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.**

SR0006942 AR0011800 ON0049217

APPLICATION FOR AN ON-SITE WASTEWATER TREATMENT SYSTEM PERMIT

Property Information:

Property Address: 16581 Prairie Vista Lane City and Zip: Falcon, CO 80831

Legal Description: Lot 3, Prairie Vista Meadows Filing No. 3

Tax Schedule #: 42230-02-013 Lot size: 5.24 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: 4

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

Owner Information: ☒ Primary Contact

Owner: Phil & Dian Werner Daytime Phone: 719-237-1002

Owners Mailing Address: 6630 Buffalo Dr. C/S CO

Email Address: Sales@directbuildinc.com Fax #: _____

General Contractor: Direct Build, Inc. Phone/Email: 719-244-8386

OWTS Installer Information: ☐ Primary Contact

System Installer: Bugehagen Excavation Daytime Phone: 719-440-8490

Email Address: _____ Licensed installer: ☐ Tier 1 ☒ 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.

Adding new system to a new home

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: Don Anderson Date: 5-4-17

- 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.

Hwy 24 East to Scott Rd to Prairie Vista Lane

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

Permit #: <u>EN0049217</u>	Site Inspection date: <u>5/1/2017</u>
Date Approvals Rcvd: Development Services: <u>May 11, 2017</u>	Floodplain/enumerations: <u>N/A</u>
Design: <input type="checkbox"/> Conventional <input checked="" type="checkbox"/> Engineer	Design Engineer: <u>Geoguest, LLC</u>
Engineer Job #: <u>16-0795</u>	Engineer Date Stamped: <u>1 May 17</u>
LTAR/Soil Type: <u>0.30 / 3A</u>	Groundwater: <u>28"</u> PP1/ <u>44"</u> PP2 Bedrock: <u>-</u> PP1/ <u>-</u> PP2
Minimum Requirements: Tank Capacity: <u>1250</u>	Soil Treatment Area: <u>1225</u>
System Feed: <input type="checkbox"/> Gravity <input checked="" type="checkbox"/> Pump to Gravity <input type="checkbox"/> Pressure Dosed <input type="checkbox"/> Other: _____	
System Media: <input checked="" type="checkbox"/> Chambers <input type="checkbox"/> Rock and Pipe <input type="checkbox"/> Other	Soil Treatment Area: <input type="checkbox"/> Trenches <input type="checkbox"/> Bed
Additional Comments: _____	
E.H. Specialist: <u>Neil Meyer</u> Date: <u>5/25/17</u> <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied	