



Prevent • Promote • Protect

Environmental Health Division

1675 W. Garden of the Gods Rd., Suite 204
Colorado Springs, CO 80907
(719) 578-3199 phone
(719) 575-8664 fax
www.elpasocountyhealth.org

ENGINEERED ON-SITE WASTEWATER TREATMENT SYSTEM FINAL INSPECTION FORM

P

On-site ID: ON0050146
Environmental Health Specialist: Kat McGarvey

Tax schedule(APN) #: 4120003006
Final Inspection Date: 9.16.2019

Permit Type: New
Approved: Yes

Residential Property Information:

Owner: Myron Mourn Address: 12940 Hodgen Rd, Colorado Springs CO 80908 Approved No. Bedrooms: 5
Water supply: Well Well Installation verified: 9.19.2019 Well Location GPS: 39 04.349'N, 104 35.198'W
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:

High Rock Content: N/A Soil (in-situ) Type: 3A LTAR (In-situ soil): 0.3 Limiting Layer: Groundwater: 48-86" Bedrock: NONE
OWTS Tank: Capacity (gallons): 1500 OWTS Pump Tank: Capacity (gallons): 500
Soil Treatment Area (STA): Sq. Ft. (10-1): 2000 Sq. Ft. (10-2): 2000 Sq. Ft. (10-3): 1400 Sq. Ft. (with Diverter Valve): N/A
NDDS (STA): Sq. Ft. (10-1): N/A NDDS Factor: N/A Sq. Ft. (NDDS adjustment): N/A
Mound (STA): LTAR (imported soil): N/A Chamber adjustment: NA Distribution Area: NA Basal Area: NA

Engineering:

Design Engineer: Geo Quest Engineer design #: 18-0194
Date engineer record drawing/certification letter received: 12.13.19
Tier II Licensed Installer: Down to Earth Excavating

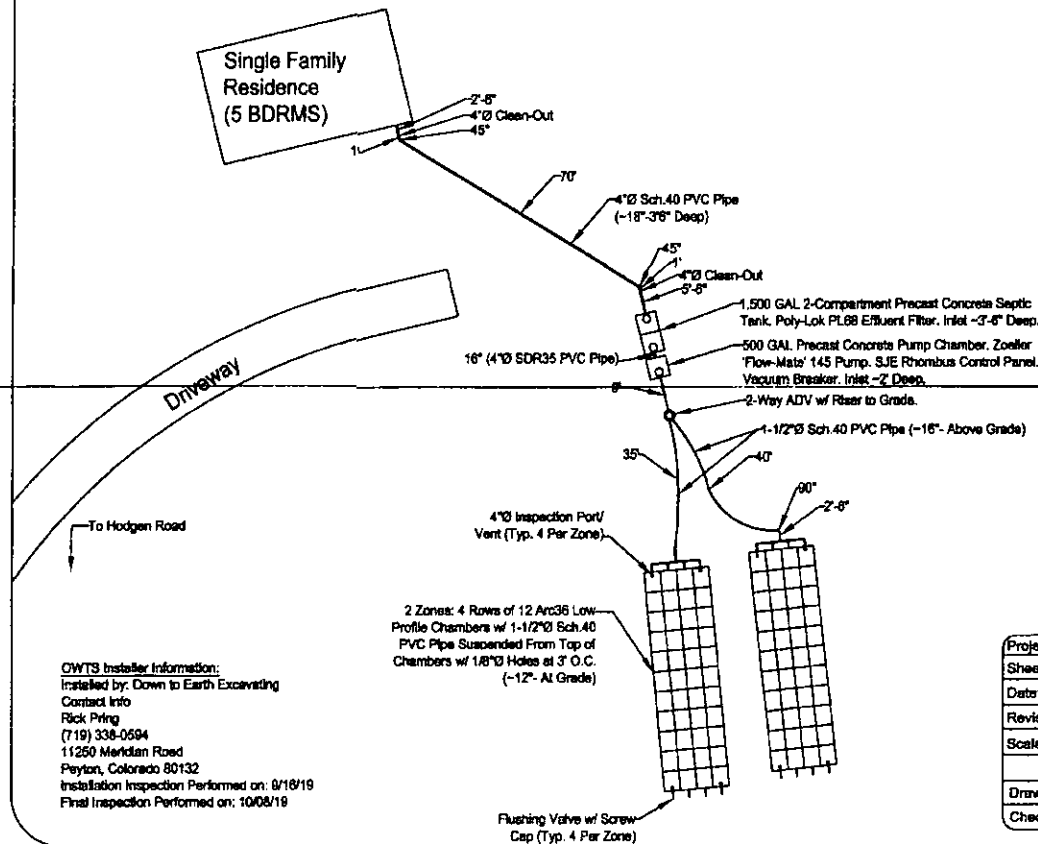
Final system installation:

Treatment Level: 1PD
Annual Operation and Maintenance Inspection: Required
OWTS Tank: GPS Location: 39 04.344'N, 104 35.196'W
Tank Type: New Concrete Capacity (gallon): 1500
OWTS Pump Tank:
Tank Type: New concrete - single comp Capacity (gallon): 500 Audio/Visual Alarm: Yes
OWTS Pump: Zoller flow-mate 145
Gal/dose: 120 Flow(gpm): 36.5 Total Dynamic Head: 38.6'
Soil Treatment Area (STA): GPS Location: 39 04.330'N, 104 35.198'W Total Sq. Ft installed: 1440
Configuration: Bed Distribution: Pressured Distribution
Distribution Media: Chambers Infiltrative Surface Depth: grade - 12"
Distribution Area Length: 60' Distribution Area Width: 30'
Basal Area Length: NA Basal Area Width: NA
Media Type: Arc 36 Chambers (15 sq/ft) Total installed: 96 chambers

Notes:

On-Site Wastewater Treatment System (OWTS) Record Drawing

Geoquest, L.L.C. 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, L.L.C. Provides No Warranty of this Design or Installation Against Failure or Damage of Any Type.



OWTS Installer Information:
 Installed by: Down to Earth Excavating
 Contact Info:
 Rick Prying
 (719) 338-0594
 11250 Meridian Road
 Peyton, Colorado 80132
 Installation Inspection Performed on: 9/18/19
 Final Inspection Performed on: 10/08/19

Project: 18-0194
 Sheet: 1 of 1
 Date: 18 Sept 2019
 Revised:
 Scale: 1" = 30 FT
 Drawn by: jtk
 Checked by: cam

Project Name and Address

Myron Moun

12940 Hodgen Road
 Lot 165,
 Forest Green Subdivision
 Sch. No. 4120003008
 El Paso County, Colorado

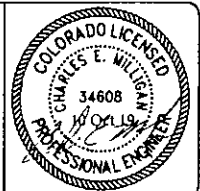


0 10 20 30
 GRAPHIC SCALE IN FEET
 SCALE: 1" = 30'

GEOQUEST, L.L.C.

6825 SILVER PONDS HEIGHTS
 SUITE 101
 COLORADO SPRINGS, CO
 80908

OFFICE: (719) 481-4580
 FAX: (719) 481-9204



Attn: MYRON MOURN
12940 HODGEN RD
COLORADO SPRINGS, CO 80908

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 8/15/2019 To 8/15/2020

PERMITEE :
MYRON MOURN
12940 HODGEN RD
COLORADO SPRINGS, CO 80908

OWNER NAME :
MYRON MOURN

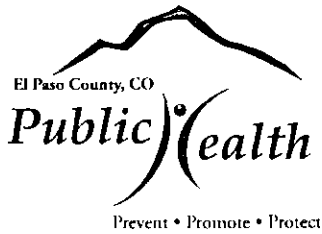
Onsite ID: ON0050146
Tax Schedule #: 4120003006
Permit Issue Date: 08/15/2019
Dwelling Type: RESIDENTIAL
of Bedrooms (if Res): 5
Proposed Use (if Comm):
Designed Gallons/Day:
Water Source: PRIVATE WELL

System Installation Requirements:

- An Engineered OWTS system to be installed on site due to encountering groundwater between 48 - 86", 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 pressure dosed chamber in bed, max installation depth of 12" due to ground water evidence. Minimum tank requirements 1500 gallon and 1400 sq ft of soil treatment area (117 Q4 / 94 Arc 36 chambers required).
- The system must be installed per approved GeoQuest design document #18-0194 stamped and dated 6.20.2018, changes to the approved design document must be submitted and approved by both the engineer and Public Health prior to installation.
- All horizontal setbacks must be maintained through system installation. In addition, system must remain completely uncovered, including the tank size, for final inspection.
- The well must be installed at time of final inspection, or final approval will not be given until well installation is verified. Must maintain 100' set back to all wells on property or neighboring property.
- 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.
- Installation of an OWTS system with higher level treatment now requires an annual Operation and Maintenance inspection. See EPCPH OWTS regulations for more details.

Attn: MYRON MOURN
12940 HODGEN RD
COLORADO SPRINGS, CO 80908

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

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 3:30 p.m. the business day prior to the requested inspection date.



Authorized By: Environmental Health Specialist

El Paso County, CO

Public Health

Prevent • Promote • Protect

Environmental Health Division

1675 W. Garden of the Gods Rd., Suite 2044
Colorado Springs, CO 80907
(719) 578-3199 phone
(719) 578-3188 fax
www.elpasocountyhealth.org

SP0012273 AR0016263 ON0050146

APPLICATION FOR AN ON-SITE WASTEWATER TREATMENT SYSTEM PERMIT

Property Information:

Property Address: 12940 Hodgen Rd. City and Zip: Black Forest

Legal Description: Lot 165, Forest Green

Tax Schedule #: 4120003006 Lot size: 4.84 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: 5

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

Owner Information: ☐ Primary Contact

Owner: Myron Moun Daytime Phone: 719/355-4065

Owners Mailing Address: 1765 Colgate Dr., C/S, CO 80918

Email Address: _____ Fax #: _____

General Contractor: Poulson Const. Phone/Email: 719/491-2121

OWTS Installer Information: ☐ Primary Contact poulsonconstructioninc@gmail.com

System Installer: TBD Daytime Phone: _____

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:** \$750.00 (EPCPH Charge) + \$147.00 (EPC Planning Dept. Surcharge) + \$23.00 (CDPHE Surcharge) = \$920.00

☐ **Major Repair Permit:** \$535.00 (EPCPH Charge) + \$23.00 (CDPHE Surcharge) = \$558.00

☐ **Minor Repair Permit:** \$245.00 (EPCPH Charge) + \$23.00 (CDPHE Surcharge) = \$268.00

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.

HUD Manufactured Home on crawl space

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: [Signature]

Date: 8/2/19

Kat

- 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.

From Woodmen
north on Meridian Rd.
east on Hodgen
north side

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

Permit #: _____ Site Inspection date: 8/14/19

Date Approvals Rcvd: Development Services: 8/8/19 Floodplain/enumerations: 8/6/19

Design: ☐ Conventional ☒ Engineer Design Engineer: Greg Auer

Engineer Job #: 18-094 Engineer Date Stamped: 6.20.19

LTAR/Soil Type: 3A 10.3 Groundwater: 48" PPI/40" PP2 Bedrock: none PPI/none PP2

Minimum Requirements: Tank Capacity: 1500 Soil Treatment Area: 1400

System Feed: ☐ Gravity ☐ Pump to Gravity ☒ Pressure Dosed ☐ Other: _____

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

Additional Comments: $1000(0.3) = 2000(1.0) = 2000(0.7) = 1400$ (117.04/94 Arc 36)
max 15' from grade
500 gal / 120 gal / dwd / 26.5 gpm / 38.6' TDW

E.H. Specialist: [Signature] Date: 8/13/19 ☒ Approved ☐ Denied