



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



On-site ID: ON0049522 Tax schedule(APN) #: 6104003026 Permit Type: New Major Minor
Environmental Health Specialist: Kat McGarvy Final Inspection Date: 5.31.2018 Approved: YES NO

Residential Property Information:

Owner: Jeff and Laura Demuth Address: 19524 Royal Troon Dr, Monument CO 80132 Approved No. Bedrooms: 5
Water supply: Municipal Well Cistern Date well installation verified: 11.21.2018 GPS of Well: 39° 07.129 N, 104° 47.418 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: Soil Type: 4 LTAR: 0.2 Limiting Layer: Groundwater Bedrock

OWTS Tank: Capacity (gallons): 1500
Soil Treatment Area (STA): Sq. Ft. (10-1): 3000 Sq. Ft. (10-2): 2400 Sq. Ft. (10-3): 1680 Sq. Ft. (with Diverter Valve): (10-2)/(2)
Mound (STA): Chamber Adjustment: Sq. Ft. (Dist. Area): Sq. Ft. (Basal Area):
NDDS (STA): Sq. Ft. (10-1): NDDS Factor: Sq. Ft. (NDDS adjustment):

Engineering:

Design Engineer: Parr Engineering Engineer design #: 17.483
Date engineer record drawing/certification letter recieved: 11.9.2018

Final system installation:

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

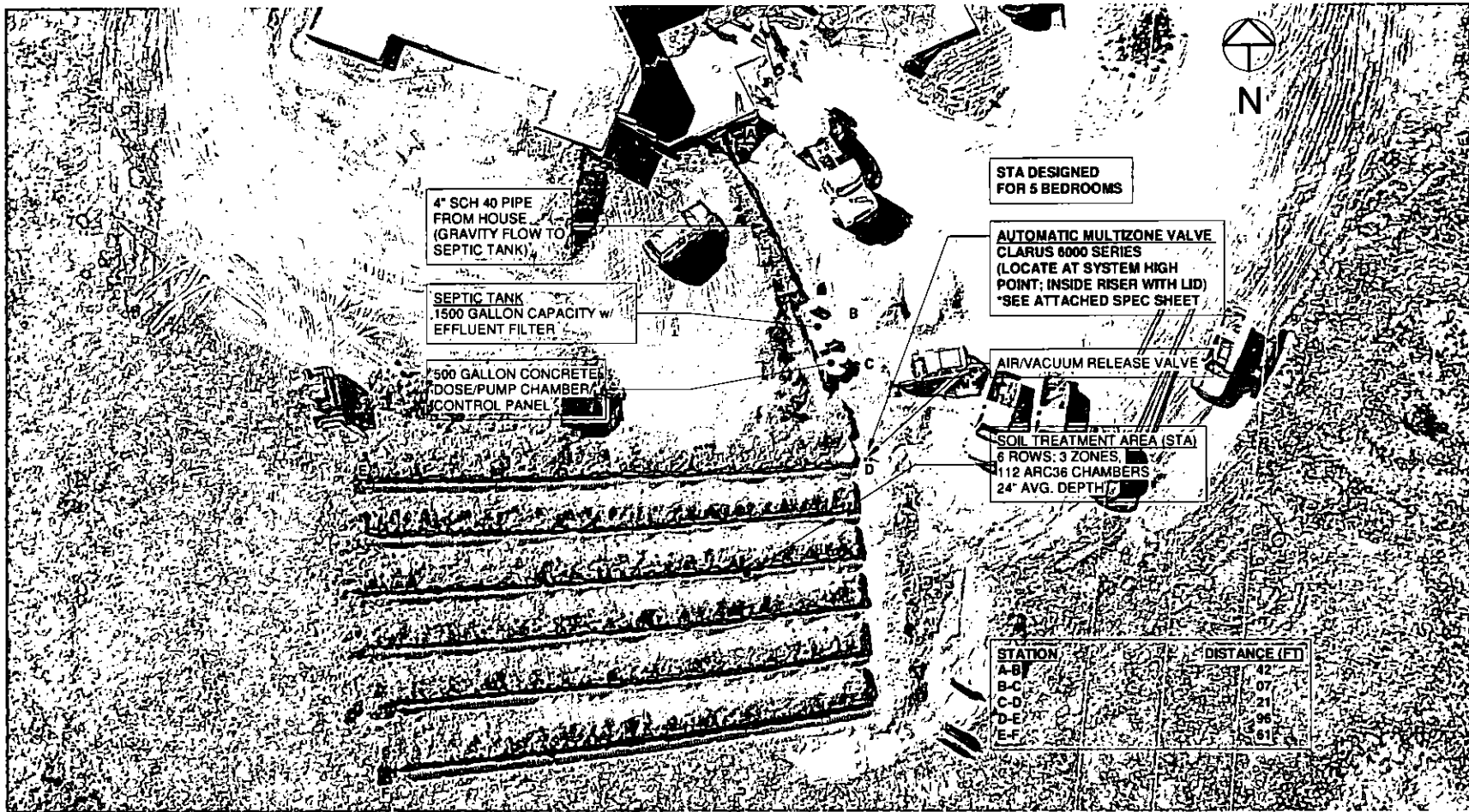
Treatment Level: 1 1PD 2 2N 3 3N
Operation and Maintenance Inspection: Required Not Required

OWTS Tank: GPS Location: 39° 07.161 N, 104° 47.436 W
Construction Material: concrete Capacity (gallon): 1500 Existing New

OWTS Pump Tank: YES NO Capacity (gallon): 500 Audio/visual Alarm: YES NO
Pump (Gal/dose): 150 gal Flow: 30 gpm Total Dynamic Head: 20' Elevation difference: not provided

Soil Treatment Area (STA): GPS Location: 39° 07.172 N, 104° 47.436 W Total Sq. Ft installed: 1680
Configuration: Trench Bed Distribution: Gravity Pressure Dosed NDDS Dosed
 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: 112 Installation Depth(range): 24"
 NDDS: # Zones: # Laterals/zone: Field Dimensions:
 Seepage Pit: # Rings:

Notes:



1 Site Map - AS-BUILT
1" = 20'-0"



Parr Engineering & Consulting, Inc.
11590 Black Forest Road, Suite 10
Colorado Springs, Colorado 80908
Phone: 719-494-0404

19524 Royal Troon Drive, 80132

As-Built

Project number 17.483
Date 06/11/18
Drawn by J.DUMKE
Checked by C.PARR

C1 A.B.

Scale 1" = 20'-0"

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: JEFF AND LAURA DEMUTH
19524 ROYAL TROON DR
MONUMENT, CO 80132



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NEW SYSTEM PERMIT - OWTS

Valid From 2/22/2018 To 2/22/2019

PERMITEE :

**JEFF AND LAURA DEMUTH
19524 ROYAL TROON DR
MONUMENT, CO 80132**

Onsite ID: ON0049522

Tax Schedule # : 6104003026

Permit Issue Date: 02/22/2018

Dwelling Type: RESIDENTIAL

of Bedrooms (if Res): 5

Proposed Use (if Comm):

Designed Gallons/Day:

Water Source: PRIVATE WELL

OWNER NAME :

JEFF AND LAURA DEMUTH

System Installation Requirements:

- An Engineered OWTS system to be installed on site due to encountering soil type 4, requiring a Tier II licensed installer.
- System installation to include pressure dosed chamber in trenches. Minimum tank requirements 1500 gallon and 1680 sq ft of soil treatment area (140 Q4 / 112 Arc 36 chambers required).
- The system must be installed per approved Parr Engineering design document #17.483 stamped and dated 7.19.18, 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.

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


Authorized By: Environmental Health Specialist

SR0008672 AB0012870 0100049522

APPLICATION FOR AN ON-SITE WASTEWATER TREATMENT SYSTEM PERMIT

NEW PERMIT MAJOR REPAIR PERMIT MINOR REPAIR PERMIT

Owner Jeff + Laura DeHuth Daytime Phone 719-465-6036

System Installer J+K Excavating Daytime Phone _____

Property Address 19524 Royal Tron Dr City and Zip CS CO 80132

Legal Description LOT 13 Fil 5

Owners Mailing Address 7435 Sandia Way

Email Address LAURIAbuilders @ AOL.COM Fax # 719-481-3272

Tax Schedule # 61040-03-026 Lot Size 2 1/2 AC

Site Located Inside City Limits Yes No Primary Contact Owner Contractor

Proposed Use: Single Family Multi-Family Commercial

Water Supply: Well Cistern Municipal Number of Bedrooms 5

Pick up Fax Email: LAURIABUILDERS @ AOL.COM

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

New Permit: \$650.00 (EPCPH Charge) + \$147.00 (EPC Planning Dept. Surcharge) + \$23.00 (CDPHE Surcharge) = \$820.00

Major Repair Permit: \$515.00 (EPCPH Charge) + \$23.00 (CDPHE Surcharge) = \$538.00

Minor Repair Permit: \$230.00 (EPCPH Charge) + \$23.00 (CDPHE Surcharge) = \$253.00

- All Payments are due at the time of application submittal; by cash, check or major credit card (Visa / MC)
- This permit will expire one year from the date of issuance.

I certify that the information provided on this application is in compliance with Section 8.3, Chapter 8 of the Onsite 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.

Applicants Signature: Mary Lamin Date: 7/6/18

Site Insp. Date: 2/9/18 Perc. Rate: 0.2/soil 4 Permit # _____

E.H.S. Review Notes: NO groundwater/bedrock.

600/0.2 = 3000 (0.8) = 2400 (0.7) = 11680 (140.04/112 Acc 3%)

Date to: E.P.C. Development Services 2/21/18 Flood Plain and Enumerations 2/9/18

Permit Requirements: Engineered - soil 4 - pressured dosed chambers in trenches

Pump 306PM @ 20' of head
150gal/dose Parc Engineering 17,483 (1.19.18)

1500
Min. Septic Tank Capacity

11680
Min. Absorption Area

E.H. Specialist _____ Date 2/16/18 Approved Denied

kat