



Prevent • Promote • Protect

ON-SITE WASTEWATER TREATMENT SYSTEM INSPECTION FORM

ON-SITE ID: ON0033434

APN # 4122000002

DATE: 6/4/2014



APPROVED YES NO Environmental Health Specialist: Alexadner Clemments

Address: 16824 Elbert RD Owner: Richard Holmes

Residence: #Bedrooms: 3 Commercial: System Installer: Triple T Excavating

SEPTIC TANK: Construction Material Material Type Capacity Gallon Capacity

DISPOSAL FIELD:

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:

DRYWELLS: # of Pits: Rings(Pit 1): Rings(Pit2): Working Depth #1: #2:

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

ROCKLESS SYSTEMS:

Standard Chamber: Type: Q4 #Chambers: 74 Sq. Ft./Chamber: 12 Bed: Trench:

Reduction Allowed%: 30 Sq. Ft. Required: 888 Depth (Range): 36

Sq. Ft. Installed: 888 Equivalent Sq. Ft. Installed with Reduction: 1269

Engineer Design: Y N Engineering Firm: Approval Letter Provided: Y N

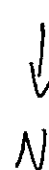
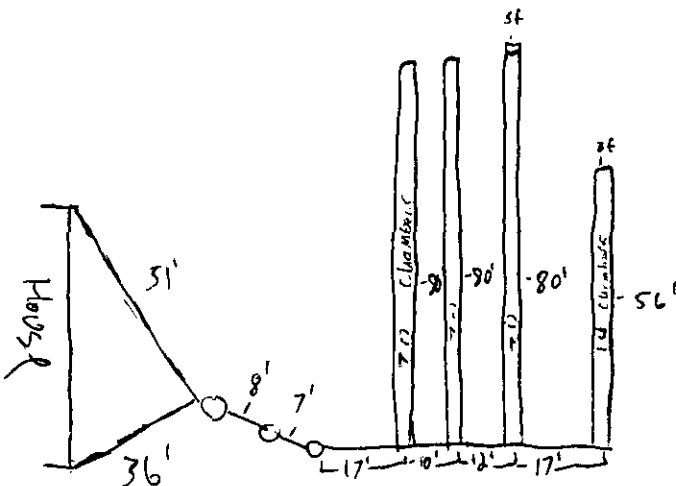
Well installed at time of septic inspection: Y N Public Water: Y N

*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 disposal field.

Notes:

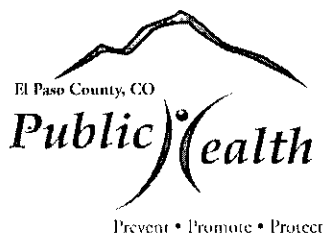
1" = 40'

Trenches 3' wide



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: RICHARD HOLMES
16824 ELBERT RD
PEYTON, CO 80831-9542



**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

MAJOR REPAIR PERMIT - OWTS

Valid From 5/20/2014 To 5/20/2015

PERMITEE :

RICHARD HOLMES
16824 ELBERT RD
PEYTON, CO 80831-9542

Onsite ID: ON0033434

Tax Schedule #: 4122000002

Permit Issue Date: 05/20/2014

Dwelling Type: RESIDENTIAL

OWNER NAME :

RICHARD HOLMES

of Bedrooms (if Res): 3

Proposed Use (if Comm):

Designed Gallons/Day:

Water Source: PRIVATE WELL

System Installation Requirements :

- This major repair permit was issued under the coverage of the new 4/10/14 OWTS Regulations.
- The system must be repaired per the approved design document dated 5/12/14.

- Existing septic tank will be used.
- Design document requires 74 chambers in a trench configuration equaling 888 sq.ft.

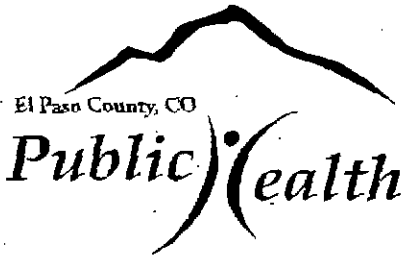
Septic Tank Capacity Required: 0 (Gallons) Soil Treatment Area Required: 888 (SQ. Feet)

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)

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

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. Onsite Wastewater Treatment System to be installed by an El Paso County Licensed System Contractor, or the property owner.

Authorized By: Environmental Health Specialist



Environmental Health Division

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

Prevent • Promote • Protect
50001375/1120005380

APPLICATION FOR AN ON-SITE WASTEWATER TREATMENT SYSTEM PERMIT

NEW PERMIT MAJOR REPAIR PERMIT MINOR REPAIR PERMIT

Owner Richard Holmes Daytime Phone 749-2518
System Installer Triple Tex Daytime Phone 749-2881
Property Address 16824 Elbert Rd City and Zip Fenton 80831
Owners Mailing Address 16888 Elbert Rd (main house)
Email Address tripletexcavating@yahoo.com # 749-2881
Tax Schedule # 9310008673 Lot Size 34 acres
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 3
 tripletexcavating@yahoo.com

4122000002

CURRENT FEES AS APPROVED BY THE EL PASO COUNTY BOARD OF HEALTH
New Permit: \$630.00 (EPCPH Charge) + \$147.00 (EPC Planning Dept. Surcharge) + \$23.00 (CDPHE Surcharge) = \$800.00
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: [Signature] Date: 5/5/14

Site Insp. Date: 5/13/14 Perc. Rate: _____ Permit # ON0033434

E.H.S. Review Notes: Approved per trench design. Diverter valve in place
Math $\frac{450}{0.35} = 1285.7 \div 2 = 642 = 54 \text{ chambers. Design is using 74 chambers}$

Date to: E.P.C. Development Services _____ Flood Plain and Enumerations _____

Permit Requirements: Under new regs (4/10/14), approved per trench design
using 74 chambers = 868 sq ft.

Min. Septic Tank Capacity _____ 898 ft² Min. Absorption Area

E.H. Specialist [Signature] Date 5/19/14 Approved Denied

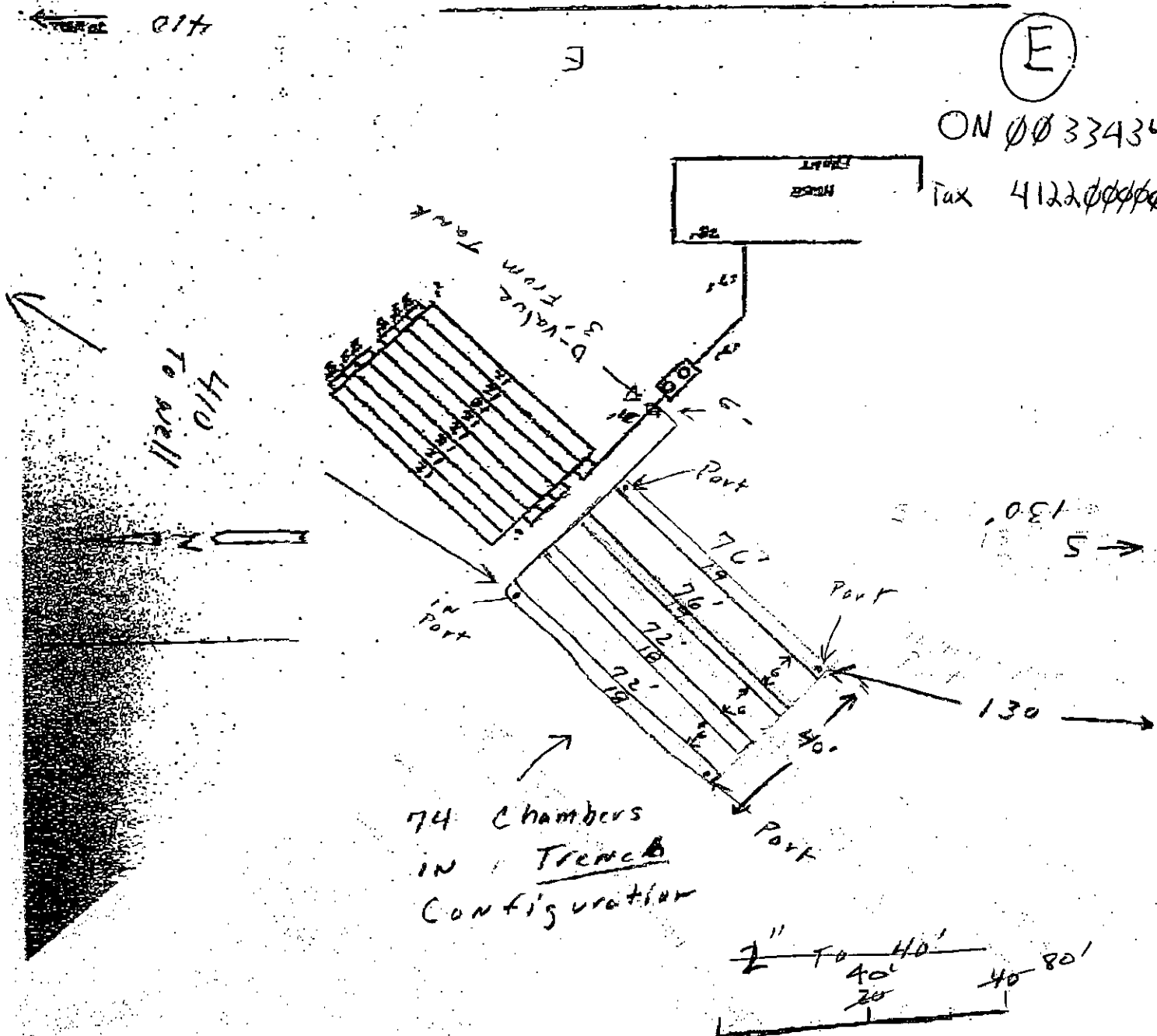
AR

6/4/14

(E)

ON 0033434

Tax 4122000002



El Paso County Public Health
 Environmental Health Services
 1675 W. Garden of the Gods Rd., Suite 2044
 Colorado Springs, CO 80907

Approved, Mike Stiel
 5/12/14



Triple T Excavating
21523 Blue Springs View
Payton, Colorado 80831
719-749-2881

El Paso County Public Health
Environmental Health Services
1675 W. Garden of the Gods Rd., Suite 2044
Colorado Springs, CO 80907

May 8, 2014

OWIS Major Repair Submittal

16824
1675 Elbert Hwy

Percolation rate 47

Approval, [Signature]
5/12/14

Bed System:

$$\frac{450}{.35} = 1286 \times 1.2 = 1544$$

$$1544 \text{ FT}^2 \times .5 = 772 \text{ FT}^2$$

$$772 \text{ FT}^2 \div 12 = 65 \text{ LAMBERTS}$$

Bed system

Installing 74 quick 4 plus infiltrators

Install diverter valve

Inspection port on all four corners of bed

*% of slope from north to south is ~1%

*PVC used for connections is SDR35, matching pre-existing installs

*Depth of installation will be no greater than 36" on average throughout the field

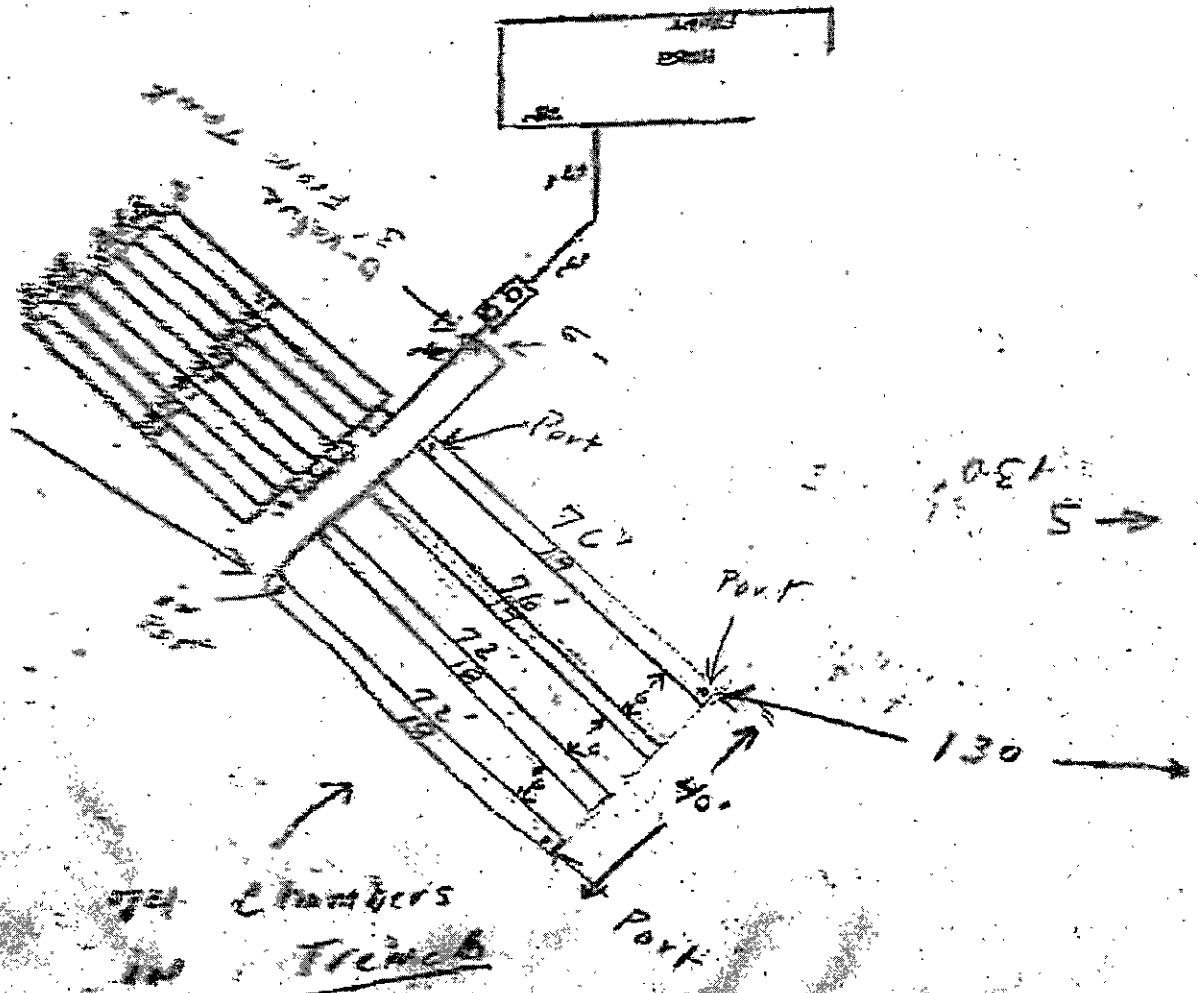
*Location of well is ~410' from leach field expansion - north and east of the house

*Property line is over 130' from expansion area

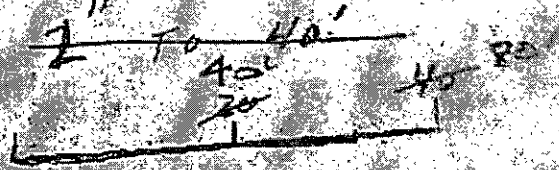
Tracy -

Please update the design document to show the proposed layout of the bed. Include the length & width of the bed and the proposed length of the pipes connecting the tank to the field.

Also, need to know why a bed is proposed verses the installation of trenches which should always be considered first. Thanks, [Signature]



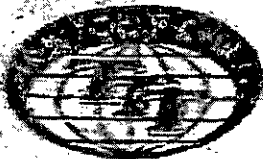
74 Chambers
in Trench
Configuration



1" = 40'

2" = 80'

[Faint, illegible handwritten notes and scribbles at the bottom left of the page.]



Triple T Excavating
 21525 Blue Springs Vista
 Payton, Colorado 80831
 719-749-2881

El Paso County Public Health
 Environmental Health Services
 1675 W. Garden of the Gods Rd. Suite 200
 Colorado Springs, CO 80907

May 1, 2014
 On-site inspection
 [unclear]
 [unclear]

Bed System

$$\frac{450}{.75} = 1280 \times 1.2 = 1536$$

$$1536 \times .5 = 772.5$$

$$772.5 + 12 = 784.5$$

- 1. [unclear] [unclear]
- 2. [unclear] [unclear]
- 3. [unclear] [unclear]
- 4. [unclear] [unclear]
- 5. [unclear] [unclear]
- 6. [unclear] [unclear]
- 7. [unclear] [unclear]
- 8. [unclear] [unclear]
- 9. [unclear] [unclear]
- 10. [unclear] [unclear]

Eng -

Please update the design document to show the proposed layout of the bed. Include the length & width of the bed and the proposed length of the pipes connecting the tank to the bed. Need to know why a bed is proposed as the installation of a tank.