



**CUSTER COUNTY PERMIT FOR
INSTALLATION OF INDIVIDUAL
SEWAGE DISPOSAL SYSTEM**

100-52-102

S11072901

Issue Date: 8/19/2011

Joe and Peggy Knight
6668 South Oak Circle
Littleton, CO 80127-5858
(303) 979-6653

Septic Contractor: **Trinity Huffman** Perc done by: **Kit Shy** Perc Date: **8/8/2011** Applicant: **Owner**
Permit Type: **Installation** System Type: **Standard**
Property Address: **488 County Road 278**
Legal: **McKinley Mountain Ranch Estates, Lot 40**

Lot size: **35.34 acres** Number of people: **6** Number of bedrooms: **3** Tank Size: **1250**
Garbage Disposal: **No** Clothes washer and/or dishwasher: **Yes**
This septic will serve a **Dwelling Water: Private Well**
Conditions: Depth to bedrock: **>96"** Depth to water: **>96"** Slope: **3-7%**
Hole #1: **21.29** Hole #2: **13.95** Hole #3: **18.89**
Leach field size if pipe and gravel: **802.82 sq ft**
Number of chambers required, if used (round up for .20 or more):

Infiltrators - Bed	31.08	Infiltrators - Trench	25.90
Bio 3 - Bed	44.60	Bio 3 - Trench	29.09
Quick 4 Standard - Bed	43.63	Quick 4 Standard - Trench	40.67
Quick 4 Low Profile - Bed	41.30	Quick 4 Low Profile - Trench	34.75
Quick 4 EQ36 - Bed	62.72	Quick 4 EQ36 - Trench	44.26

Comments:

I hereby certify that I have installed this system as designed:

Licensed Contractor / Homeowner

12/4/11
Date

Inspected on: 11/4/11 By: JSH
Amount use tax paid: 11.25.00 Date: 12/29/11
Michelle A. Brusch Final approval date: 12/29/11
Zoning Officer / Inspector

94
7
Septic Inspection
Property Owner(s): Joe and Peggy Knight

Date: 11/4/11

Inspected By: JSH

Property Address: 488 County Road 278
Legal: McKinley Mountain Ranch Estates, Lot 40

Septic Contractor: Trinity Huffman Schedule #: 100-52-102 Permit Number: S11072901

Distance of Pipe from House to Tank: 97
Number of cleanouts needed (50 feet): 104' 10 57'
Check slope (1/2 inch per 2 feet for last 10 feet before tank): OK
Type of pipe (schedule number): Sch 40
Building Sewer extended to foundation: Yes

Tank size: 1250 Is tank level?: OK
Check tees or baffles on tank: Inlet OK Outlet OK
Check seals on pipes entering tank: Inlet OK Outlet OK
Check for cracks in tank: OK Date on tank: 11/2/11

Distance of pipe from tank to leach field: 102' Check for slope: OK
Check for level distribution field: OK Type of pipe (schedule number) Sch 40

Type of leach field: Wetland Number, if chambers: 10+10+10=41
Type of baffle used (per installer): Double
Check for screws on chamber connections: OK
Configuration: Trench or Bed Check for level: OK
Depth: 4' vents Check distance between trenches (6 feet minimum): NA

Distance from well to tank: 100' Distance from well to leach field: 100'
Distance from leach field to any irrigation ditch or creek: 25'
(Minimums: Cistern - 25'; property line - 10'; water course - 50'; dry gulch - 25')

Additional comments:

Property Owner's Septic Information

Issue Date: 8/19/2011

Permit number: S11072901

Schedule number: 100-52-102

Issued to: Joe and Peggy Knight

Property Address: 488 County Road 278

Legal: McKinley Mountain Ranch Estates, Lot 40

System Description:

Septic tank size (gallons): 1250

Drainfield type: Trenches Bed Mound LLP
 At-Grade Leaching Chambers Other: _____

Drainfield Dimensions: _____

Accessories: Outlet Filter Aerobic Treatment Unit
 Sand Filter Pump Siphon
 D-Box Diversion Valve
 Other: _____

Installing Contractor: Trinity Huffman

Septic Tank Pumper: _____

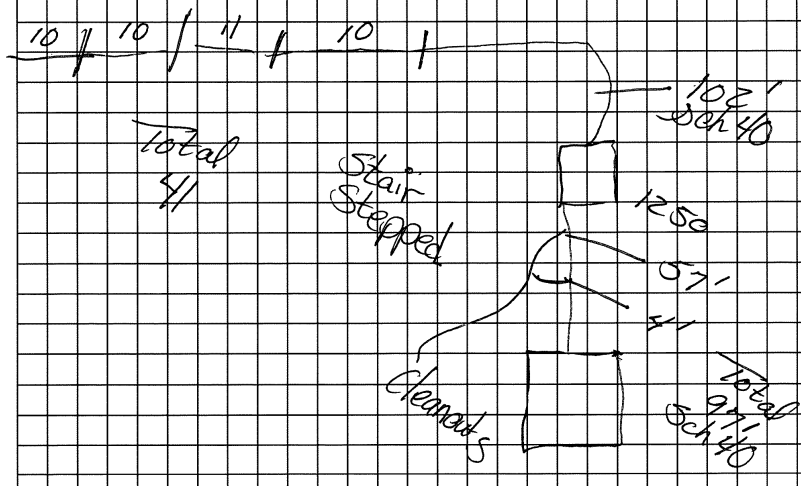
Address: _____

Telephone: _____

Provided by:

Custer County Planning and Zoning

P.O. Box 203
Westcliffe, CO 81252
(719) 783-2669 (719) 783-9907 FAX
www.CusterCountyGov.com



PERCOLATION TEST AND SITE INFO SHEET

OWNER : JOE KNIGHT CONTRACTOR : _____

PERC TECH : KIT SHY ENG. : NA

PERMIT FOR : _____

(X) NEW INSTALLATION () OTHER _____

LOCATION : _____

LEGAL DESCRIPTION : _____

LOT 40 , MCKINLEY MOUNTAIN RANCH ESTATES , CUSTER COUNTY , COLORADO

ACREAGE : 35.34 #BEDROOMS: 2 #PERSONS: 4 WATER SUPPLY: WELL

NONE LAUNDRY DISHWASHER DISPOSAL ALL

SITE CONDITIONS: _____

DEPTH TO BEDROCK: +96" DEPTH TO WATER TABLE: +96" SLOPE HOMESITE TO LEACHED: 3-7 %

PERCOLATION TEST RESULTS: MIN. PER INCH

HOLE # 1: 21.29 HOLE # 2: 13.95 HOLE # 3: 18.89 AVERAGE: 18.04

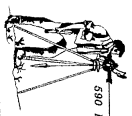
COMMENTS : THE CENTER OF THE PERC TEST SITE IS ONLY 90' ± FROM THE EXISTING WELL . THE CONTRACTOR IS RESPONSIBLE FOR REQUIRED DISTANCES TO BE MET .

THE UNDERSIGNED HEREBY AGREES THAT THE INFORMATION PRESENTED ON THIS FORM IS ACCURATE BASED ON A PERCOLATION TEST PERFORMED BY HIM , AND SITE INFORMATION OBTAINED FROM THE CONTRACTOR AND/OR LAND OWNER

SIGNATURE _____


DATE 08/08/11

PLEASE NOTE : THIS FORM IS NOT A PERMIT FOR THE INSTALLATION OF THE SEPTIC SYSTEM ON YOUR PROPERTY . A PERMIT MUST BE APPLIED FOR AT THE CUSTER COUNTY ZONING OFFICE . IT IS THE RESPONSIBILITY OF THE I.S.D.S. INSTALLER AND/OR WELL DRILLER TO MAINTAIN MINIMUM DISTANCES BETWEEN I.S.D.S. AND WELLS , CREEKS , PONDS , ETC. AS DEFINED IN THE STATE HEALTH DEPT. GUIDELINES AND/OR LOCAL REGULATIONS .


Shy Surveyors & Assoc.
390 HERMIT ROAD P.O. BOX 1280 WESTCLIFF, COLORADO 81282
Phone (719) 783-2397 Fax (719) 783-2370
JOB # P10-112
CHECKED / DATE _____