



# CUSTER COUNTY PERMIT FOR INSTALLATION OF INDIVIDUAL SEWAGE DISPOSAL SYSTEM

100-84-953

S13032201

Issue Date: 3/22/2013

Eli and Arlene Miller  
68600 Hwy 69  
Westcliffe, CO 81252  
(719) 783-9121

Septic Contractor: **Bennie Koch** Perc done by: **Kit Shy** Perc Date: **3/20/2013** Applicant: **Owner**

Permit Type: **Installation** System Type: **Standard**

Property Address: **68600 Hwy 69**

Legal: **Tract in Sec 8-21-73 desc in survey #827 recorded 4/9/08 as the "Waiver Parcel"**

Lot size: **8.83 acres** Number of people: **8** Number of bedrooms: **4** Tank Size: **1500**

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: **1-10%**

Hole #1: **13.74** Hole #2: **13.59** Hole #3: **15.26**

Leach field size if pipe and gravel: **949.49 sq ft**

Number of chambers required, if used (round up for .20 or more):

Infiltrators - Bed	<b>36.75</b>	Infiltrators - Trench	<b>30.63</b>
Bio 3 - Bed	<b>52.75</b>	Bio 3 - Trench	<b>34.40</b>
Quick 4 Standard - Bed	<b>61.92</b>	Quick 4 Standard - Trench	<b>48.10</b>
Quick 4 Low Profile - Bed	<b>56.97</b>	Quick 4 Low Profile - Trench	<b>47.47</b>
Quick 4 EQ36 - Bed	<b>89.02</b>	Quick 4 EQ36 - Trench	<b>52.34</b>
Arc 36 - Bed	<b>46.89</b>	Arc 36 - Trench	<b>37.60</b>

Comments:

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

Kit Shy  
Licensed Contractor / Homeowner

3-29-13  
Date

Inspected on: 3/29/13

By: JSH

Amount use tax paid: None

Date:                     

Elizabeth J. French  
Zoning Office / Inspector

Final approval date: 3/29/13



# Septic Inspection

Date: 3-29-13

Property Owner(s): **Eli and Arlene Miller**

Inspected By: JSH

Property Address: **68600 Hwy 69**

Legal: **Tract in Sec 8-21-73 desc in survey #827 recorded 4/9/08 as the "Waiver Parcel"**

Septic Contractor: **Bennie Koch**

Schedule #: **100-84-953**

Permit Number: **S13032201**

Distance of Pipe from House to Tank: 27'

Number of cleanouts needed (50 feet): 1 @ 27'

Check slope (1/2 inch per 2 feet for last 10 feet before tank): \_\_\_\_\_

Type of pipe (schedule number): Sch 40

Building Sewer extended to foundation: yes

Tank size: 1500 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: 3-26-13

Distance of pipe from tank to leach field: 25' Check for slope: ok

Check for level distribution field: \_\_\_\_\_ Type of pipe (schedule number) Sch 40

Type of leach field 2 unit 4 Number, if chambers: 29 + 24 = 48

Type of baffle used (per installer): plastic

Check for screws on chamber connections: ok

Configuration: Trench or Bed Check for level: ok

Depth: 2 1/2 Check distance between trenches (6 feet minimum): ok

Distance from well to tank: 100' Distance from well to leach field: 100'

Distance from leach field to any irrigation ditch or creek: \_\_\_\_\_

(Minimums: Cistern - 25'; property line - 10'; water course - 50'; dry gulch - 25')

Additional comments: \_\_\_\_\_



# Septic Inspection

Property Owner(s): **Eli and Arlene Miller**

Date: \_\_\_\_\_

Property Address: **68600 Hwy 69**

Inspected By: \_\_\_\_\_

Legal: **Tract in Sec 8-21-73 desc in survey #827 recorded 4/9/08 as the "Waiver Parcel"**

*modificator*

Septic Contractor: **Bennie Koch**

Schedule #: **100-84-953**

Permit Number: **S17062004**

Distance of Pipe from House to Tank: \_\_\_\_\_  
Distance DBL Cleanouts: 2-3 \_\_\_\_\_  
Number of cleanouts needed (50 feet): \_\_\_\_\_  
Check slope (1/2 inch per 2 feet for last 10 feet before tank): yes \_\_\_\_\_  
Type of pipe (schedule number): Sch 40 \_\_\_\_\_  
Building Sewer extended to foundation: yes \_\_\_\_\_

Tank size: \_\_\_\_\_ Is tank level?: \_\_\_\_\_  
Check: Inlet \_\_\_\_\_ Outlet \_\_\_\_\_  
Check for cracks in tank: \_\_\_\_\_ Date on tank: \_\_\_\_\_

Distance of pipe from tank to leach field: \_\_\_\_\_ Check for slope: \_\_\_\_\_  
Check for level distribution field: \_\_\_\_\_ Type of pipe (schedule number) \_\_\_\_\_

Type of leach field: \_\_\_\_\_ Number, if chambers: \_\_\_\_\_  
Check for screws on chamber connections: \_\_\_\_\_  
Configuration: Trench or Bed (Max 12' wide, 4' deep) Check for level: \_\_\_\_\_  
Depth: \_\_\_\_\_ Check distance between trenches (4 feet minimum): \_\_\_\_\_

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

Additional comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

