

Individual System Permit - New

-Subsurface Sewage Disposal



Public Health
Prevent. Promote. Protect.
Panhandle Health District

Panhandle Health District

Permit #: # 23-28-06964

Date: 12/29/2023

Parcel #: 0L5180010020

Applicants Name: DIRK ANDERSON
Land Owner Name: DIRK ANDERSON
Property Address: 3469 S CARPENTER LOOP
POST FALLS ID 83854

Legal Description

Township: 50N

Range: 05W

Section: 20

Subdivision:

Lot: 2

Block: 1

Size (acres): 7.5

Type of Installation:

Individual Sewage Permit- New

Basic

Gravel or Gravelless Drainfield

Type of System:

Water Supply:

Private

Water Source:

Well

Conditions of Approval

This permit is for a Below-Grade Capping Fill subsurface sewage disposal system to serve a 4-bedroom single family residence. The drainfield must be located in the vicinity of the approved test hole, T2, as noted on the attached site map and plot plan.

- The drainfield must be installed at a maximum depth of 12 inches from native grade on the downhill side of trench.
- The drainfield is required to be a minimum of 667 square feet.
- The cap will be composed of native material with a minimum of 12 inches of cover over the dome chamber product.
- The drainfield must follow the contour of the native slopes.

Capping Fill trench installations will require multiple inspections by Panhandle Health District including: 1.) inspection of the drainfield trench(es) installation, and 2.) inspection of the cap (cover material mounded over the drainfield trench(es)). All criteria identified in the Capping Fill Trench Section of the Technical Guidance Manual for Individual and Subsurface Sewage Disposal Systems must be met. Individual water service lines must be 25 feet from drainfields and 10 feet from effluent lines. Sewer lines/ effluent lines must be double encased under roadways. No parking, driving, structures or livestock over the drainfield or replacement area. Manufacturer's recommendations must be followed on all components. Any septic system that requires the installation of an effluent pump must be installed by a complex licensed installer.

Unless otherwise stated within this permit, all requirements of IDAPA 58.01.03 shall be met upon system installation.

Single Family Dwelling

4 Bedroom(s)

Design Flow:

300 Gallons Per Day

Soil Type (USDA)/ Loading Rate (Gal/ Sq. Ft./ Day): B-2 / 0.45 Adjusted Loading Rate:

The minimum septic tank capacity is:

1,000 Gallons

The minimum effective drainfield absorption area is:

667 Square Feet

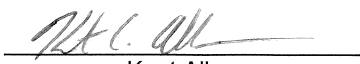
The drainfield can be no closer to permanent/ intermittent surface water than:

200 Feet

Note: Final approval of this permit requires inspection of the uncovered system.

All plans, specifications, and conditions contained in the approved permit application are hereby incorporated into, and are enforceable as part of the permit. The permit will expire (2) years from date of issuance. The permit may be renewed if the renewal is applied for on or before the expiration date.

Permit Approved By:


Kent Allen

12/29/2023

Permit Issue Date:

PERMIT EXPIRES TWO YEARS FROM DATE OF ISSUE

Benewah County
137 N. 8th St.
St. Maries, ID 83861
208.245.4556

Bonner County
2101 W. Pine St.
Sandpoint, ID 83864
208.265.6384

Boundary County
7402 Caribou St.
Bonners Ferry, ID 83805
208.267.5558

Kootenai County
8500 N Atlas Rd.
Hayden, ID 83835
208.415.5220

Shoshone County
35 Wildcat Way
Kellogg, ID 83837
208.786.7474

APPLICATION-Subsurface Sewage Disposal, Page 2

(Page 2 for Official Use)

Parcel #: 0251800/0020
Application #: 23-28-06964

Test Hole Data:

See attached data sheet
Receiving soil:
T2: Silt loam, B-2, 0.45 L.R.

Test Hole Illustration/Location:

See attached site map.

Application Contents:

Application Complete (Page 1)

☒ Yes

☐ N/A

Plot Plan Submitted

☒ Yes

☐ N/A

Zoning Documentation Submitted

☐ Yes

☒ N/A

Legal Documents, Easements

☐ Yes

☒ N/A

O&M Documents Submitted

☐ Yes

☒ N/A

Building Plan Submitted

☐ Yes

☒ N/A

Plot Plan Approved

☒ Yes

12/29/23

Date

Features of Concern/Observations:

Soil Type

Silt loam, B-2, 0.45 L.R.

Perm Surface Water

N/A

Temp Surface Water

Normal Ground Water

Seasonal Ground Water

Rock Outcrops

Limiting Layer

Bedrock at 36"

Nearest Well(s)

7100'

Slopes

20% or less

Scarps

N/A

Non-Residential Properties:

Letter of Intended Use Submitted

☐ Yes

☒ N/A

Wastewater Nature Established

☐ Yes

☒ N/A

Wastewater Flow Calculations

☐ Yes

☒ N/A

Installation by:

☒

Basic Homeowner

☒

Basic Installer

☐

Complex Installer

☐

Public Works/P.E.

Installer Name:

Installer Number:

Field Notes:

Below Grade Capping Fill installed at 12".

DATE					
TRAVEL					
INSPECT					
EHS					

M.A.C.

EHS Signature

17898

EHS Code

12/29/2023

Date

7.5 ACRES



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Panhandle Health District

Please draw an aerial view of the property showing the outline of buildings, property lines, well location(s), water lines, location of septic tank and drainfields, location of drainfield replacement area, ditches and streams, easements and right of ways, driveway and parking area, cut banks, and location of street or road. Indicate dimensions and separation distances of each from septic tank and drainfield.

PLOT PLAN

SCALE: 1" = _____

Carmel way Private Driveway

Well →

Power

Proposed Drainfield

W E

Drive Way

Approach

BLD 6 site

septic TANK Proposed

Carpenter Loop

SIGNATURE: D. D. M. DATE: 12/29/23

By my signature above, I certify that all answers and statements on this application are true and complete to the best of my knowledge. I understand that should evaluation disclose untruthful or misleading answers, my application may be rejected, or my permit canceled. I understand that any deviation from the plans, conditions, and specifications, is prohibited unless it is approved in advance by the Director or his designee. I hereby authorize the Health District to have access to this property for the purpose of conducting a site-evaluation

(Official Use Only) Plot Plan Approval Date: 12/29/2023

EHS Name: HTC

M ARCHITECT
3000 14th Ave. S.W.

Site Evaluation Information

OBSERVATIONS/ FEATURES OF CONCERN

Neighboring Well(s):	>100'	Slopes:	20% or less near T2
Scarps:	N/A	Permanent Surface Water:	N/A
Temporary/Intermittent Surface Water:	N/A	Normal Ground Water:	N/A
Seasonal Ground Water:	N/A	Rock Outcrops:	N/A
Limiting Layer(s):	Bedrock at 36"		

TEST HOLE INFORMATION

<u>Test Hole:</u>	<u>Soil Profile:</u>	<u>Soil Design Sub-Group:</u>	<u>Other Descriptor:</u>	<u>Comments:</u>
1	0-36" silt loam, B-2 36"+ Bedrock 28% slope	B-2	Impermeable Layer	Suitable for drip-distribution system installed at 12".
<u>Test Hole:</u>	<u>Soil Profile:</u>	<u>Soil Design Sub-Group:</u>	<u>Other Descriptor:</u>	<u>Comments:</u>
2	0-36" silt loam, B-2 36"+ Bedrock 20% slope	B-2	Impermeable Layer	Suitable for Below-Grade Capping Fill system installed at 12".

Site Map



12/29/2023, 3:06:17 PM

- Survey Point
 - Wells
- Kootenai County Parcels

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Panhandle Health Environmental