

# JEFFERSON COUNTY ENVIRONMENTAL HEALTH OFFICE

Courthouse Annex: Box H Boulder, MT 59632  
Sanitarian: Megan Bullock

Phone: 406-225-4126

## **On-Site Wastewater Treatment System Permit**

**COPY**

**PERMIT #: J13-21**

ISSUED TO: Al Arnold PHONE: 431-4077

ADDRESS: 1330 Walnut Street, Helena, MT 59601

LEGAL DESCRIPTION OF PROPERTY: Pine Meadows Lot #1

SECTION: 35

TOWNSHIP: 9 North

RANGE: 3 West

ISSUED BY: Megan Bullock, R.S.

**ISSUE DATE:** 09/03/13

**EXPIRATION DATE:** 09/03/14

This permit is issued to the property owner based on information provided in the permit application. If any application information is found to be untrue, this permit shall be null and void. This system shall be installed in accordance with current Jefferson County wastewater treatment regulations and any special requirements provided for in this permit.

### **SYSTEM SPECIFICATIONS:**

#### ***Primary treatment (septic tank):***

1000 gallon concrete tank with effluent filter in outlet baffle based on 3 bedrooms

#### ***Secondary treatment (drainfield):***

188 lineal feet of 22" infiltration chambers based on 3 bedrooms

#### ***Special treatment (if applicable):***

Must be installed in area approved by DEQ and all setback distances must be met

**\*\*\*\*\*NOTIFY THIS DEPARTMENT AT LEAST 24 HOURS PRIOR TO COMPLETION OF SYSTEM INSTALLATION. DO NOT COVER SYSTEM UNTIL APPROVAL IS GRANTED BY HEALTH AUTHORITY. \*\*\*\*\***

INSPECTED BY: M Bullock DATE: 5/27/14

INSTALLER: Gary Bay APPROVED? YES X NO     

COMMENTS: 3 laterals each 64' in length of 22"  
infiltration chambers connected via d-box with levelers  
1000 gallon tank with filter in outlet. As-built to  
be submitted.

Signature of Health Authority Megan Bullock Title: RS

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## On-Site Wastewater Treatment System - Certified Installer Report Form

PROPERTY OWNER: AL Arnold PERMIT# J13-21

INSTALLER NAME: Bary Bay

SEPTIC TANK: Size 1000 (gallons) Type concrete (concrete, plastic)  
Baffles: yes ☒ no ☐ Type PVC (concrete, PVC)

DISTRIBUTION SYSTEM: Distribution box: yes ☒ no ☐ Type plastic 6-hole  
Lift station: yes ☐ no ☒ Type         

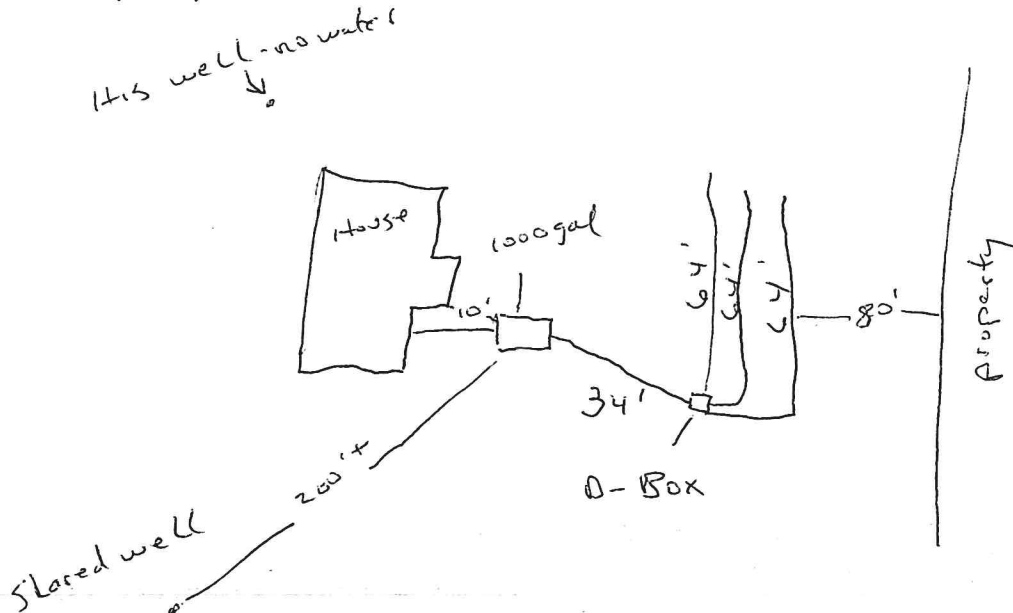
DRAINFIELD: Lineal feet of perforated pipe installed (total): 192' x 22" chambers  
Trench depth (average): 30" inches Percent slope: 2 %  
Soil type (gravel, sand, clay, silt): gravelly sandy  
Gravel size (average):          inches Washed? yes ☐ no ☐  
Under pipe:          inches Over pipe:          inches

### DISTANCE FROM WATER SOURCES (measured by installer):

Property owner's water supply (well, cistern): tank 200' + drainfield 200' +  
Neighboring water supplies: tank 200' + drainfield 200' + shared well  
Surface waters (streams, lakes, drainages): tank          drainfield           
Groundwater encountered? yes ☐ no ☒ If yes, at what depth?           
Bedrock encountered? yes ☐ no ☒ If yes, at what depth?         

### DIAGRAM SHOWING LOCATION AND SIZE OF SYSTEM AS INSTALLED:

(Identify location of septic tank and drainfield with distances from two (2) permanent features of the lot)



I certify that this system meets the requirements of the permit issued by the Department

Signature: Bary Bay

Date: 5-30-14

# JEFFERSON COUNTY ENVIRONMENTAL HEALTH OFFICE

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Phone: 406-225-4126

## Application for On-Site Wastewater Treatment System Permit

Property Owner's Name: Al Arnold  
Current Address: 1330 Walnut St  
City / State / Zip: Helena MT 59601 Phone: 406-431-4077

Legal Description of Property: NW 1/4 NW 1/4 Section 35 Township 9N Range 3W  
Subdivision name and Lot #: Pine Meadows - Lot 1

Is the Certificate of Survey of this property filed with the Clerk & Recorder's Office? Yes

Certificate of Approval #: \_\_\_\_\_ Book & Page #'s: \_\_\_\_\_  
Property size (acres): 4.5 Property Dimensions: \_\_\_\_\_

### SOILS INFORMATION:

Soil description (to 7 feet): \_\_\_\_\_

Is bedrock within 7 feet of surface? No If yes, what depth? \_\_\_\_\_

Percolation test results (in minutes per inch): \_\_\_\_\_

300' / 0.6 spd / ft<sup>2</sup>

### GROUNDWATER INFORMATION:

Is groundwater within 7 feet of surface any time of the year? No

If yes, depth from surface: \_\_\_\_\_

Is property subject to flooding or standing water? No

Is absorption (drainfield) area located within 100 feet of a designated floodplain? No

If yes, explain: \_\_\_\_\_

188-22" chambers

### WATER SUPPLY INFORMATION:

Type of water supplying property (municipal, well, cistern, etc.): Well

Name of municipal supply (if applicable): \_\_\_\_\_ Depth of well (if applicable): \_\_\_\_\_

Any surface waters (streams, lakes, etc.) or wells within 100 feet of absorption field? No

If yes, explain: \_\_\_\_\_

### SEWAGE SYSTEM INFORMATION:

Type of system to be installed (check one): New ☒ Replacement \_\_\_\_\_

If replacement (check one): Tank only \_\_\_\_\_ Drainfield only \_\_\_\_\_

Extension \_\_\_\_\_ Total system \_\_\_\_\_

Treatment system to serve (check one):

Single family dwelling: ☒ # of bedrooms: 3 Sq. footage of home: \_\_\_\_\_

Multi-family dwelling: \_\_\_\_\_ # of units: \_\_\_\_\_

Commercial property: \_\_\_\_\_ Estimated sewage flow (gallons/day): \_\_\_\_\_

Name of Installer: Valley Excavating Phone #: 449-4045

Lot layout must be provided (see back of this form)

The above information is true to the best of my knowledge and I understand that if any application information is found to be untrue, my application and permit will be invalid. I also understand that the permit fee may not be refundable. I further understand that inspection and approval of this treatment system does not constitute assumption by the Department or its representatives of liability for the failure of the system. I, as property owner, shall be responsible for the proper maintenance of the system and for abatement of any nuisance arising from its failure.

Signature of Property Owner:

Glen R. Arnold

Date: 9-3-13

TO BE COMPLETED BY THE DEPARTMENT

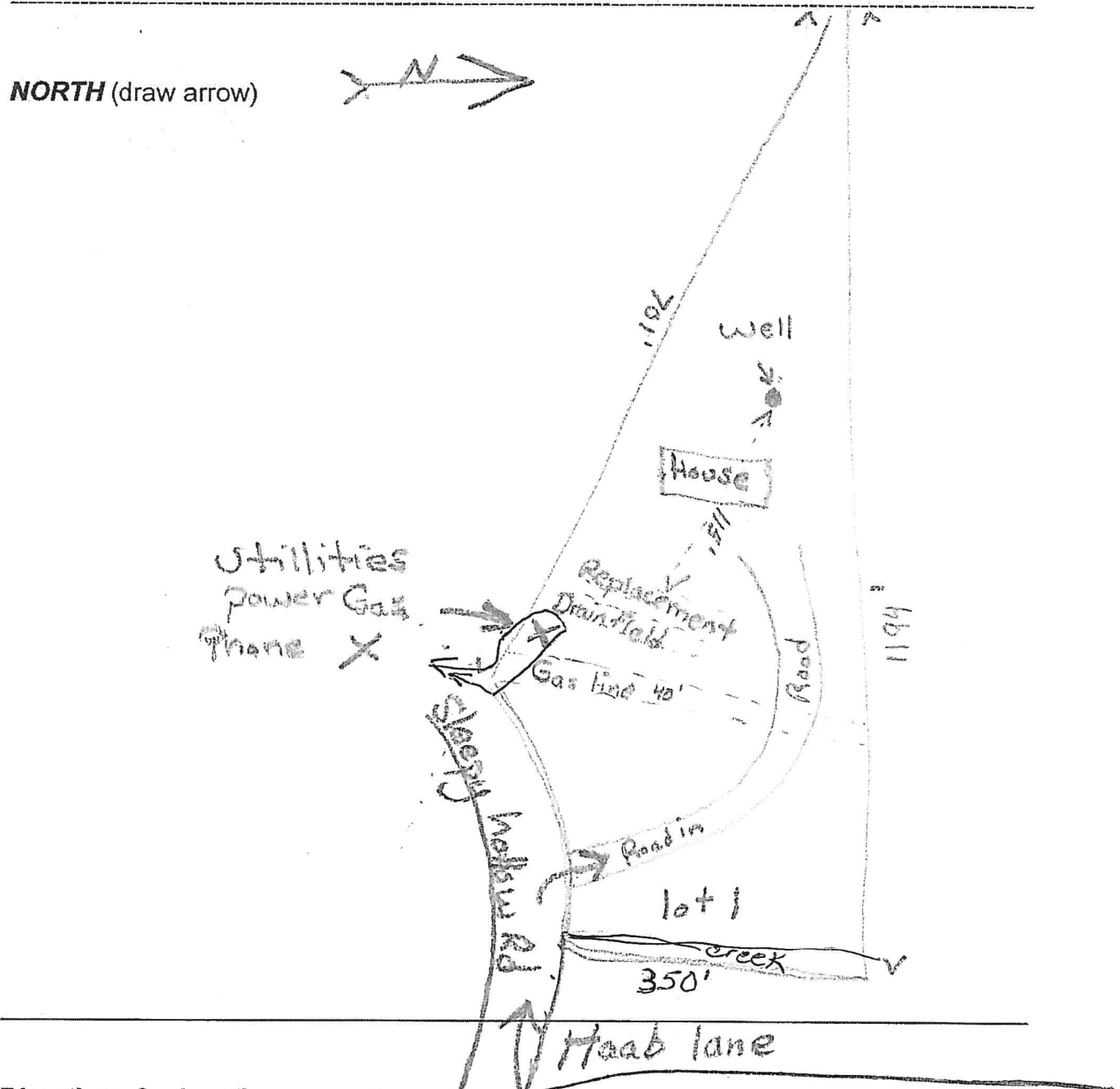
Fee paid: \$125<sup>00</sup> (\$125 /certified; \$200 /non-certified) Date received: 9/3/13

Application approved? Yes ☒ No \_\_\_\_\_

Permit number: 513-21

## LOT LAYOUT

In the space below, sketch the proposed wastewater treatment system. Include the following: property boundaries; water supply location(s); drainages, natural waterways; all buildings; location of proposed system; percolation and test pit locations; direction and degree of slope in absorption (drainfield) area; designated replacement area. Measure and record distances from proposed system location and items identified in layout.



**Directions for locating property:**

Turn on Haab lane take Right on Sleepy hollow Rd  
go to lot 1