



APPLICATION FOR LAKE COUNTY WASTEWATER TREATMENT SYSTEM INSTALLATION PERMIT

LAKE COUNTY ENVIRONMENTAL HEALTH
106 FOURTH AVENUE EAST
POLSON, MT 59860-2175

PH: 406-883-7236
FAX: 406-883-7205
Email: envhealth@lakemt.gov

Return the completed application with the \$300.00 permit fee to the above address.

Property Owner: _____ Phone # _____

Mailing Address: _____ City _____ State/Zip _____

Property Address: _____

Legal Description: Section _____ Township _____ Range _____

GEO Code: _____ Tax ID: _____

Subdivision/COS: _____ Lot _____ Block _____ Parcel Size _____

Wastewater System: **(Circle)** New Replacement Failed Alteration

Structure: **(Circle)** Single Family Multi-Family Mobile Home Commercial Garage

Bedroom #: _____ **Basement:** Yes _____ No _____

Water System: **(Circle)** Existing Proposed **(Circle)** Well Lake Spring Community

Water Softener/Treatment units(s) in use or proposing to install: Yes _____ No _____

General Contractor: _____ Phone # _____

Septic Installer: _____ Phone # _____

I hereby declare that the information submitted herein is true and completed to the best of my knowledge. I understand that an installation permit must be issued before any system components are installed unless otherwise authorized by a Lake County Registered Sanitarian. I also understand a final inspection and approval of the system must be conducted by Lake County Environmental Health prior to back filling and use of the system. My signature also authorizes access to the described property for purposes of reviewing this application.

Owner/Agent Signature: _____ Date: _____

.....
OFFICE USE ONLY

Document: Level 2 Guest House Easement Shared Affidavit Other

Sanitation Approval: (Circle) Required Completed Not Required ES# _____

Design Flow - Number of Bedrooms: _____ Gal Per Day: _____

Soil Type: _____ Septic Tank: _____

Application Rate: _____ Other: _____

System Design: _____

Approved: _____

Planning: _____

Planner Initials _____

Signature of Registered Sanitarian

Date of Issue

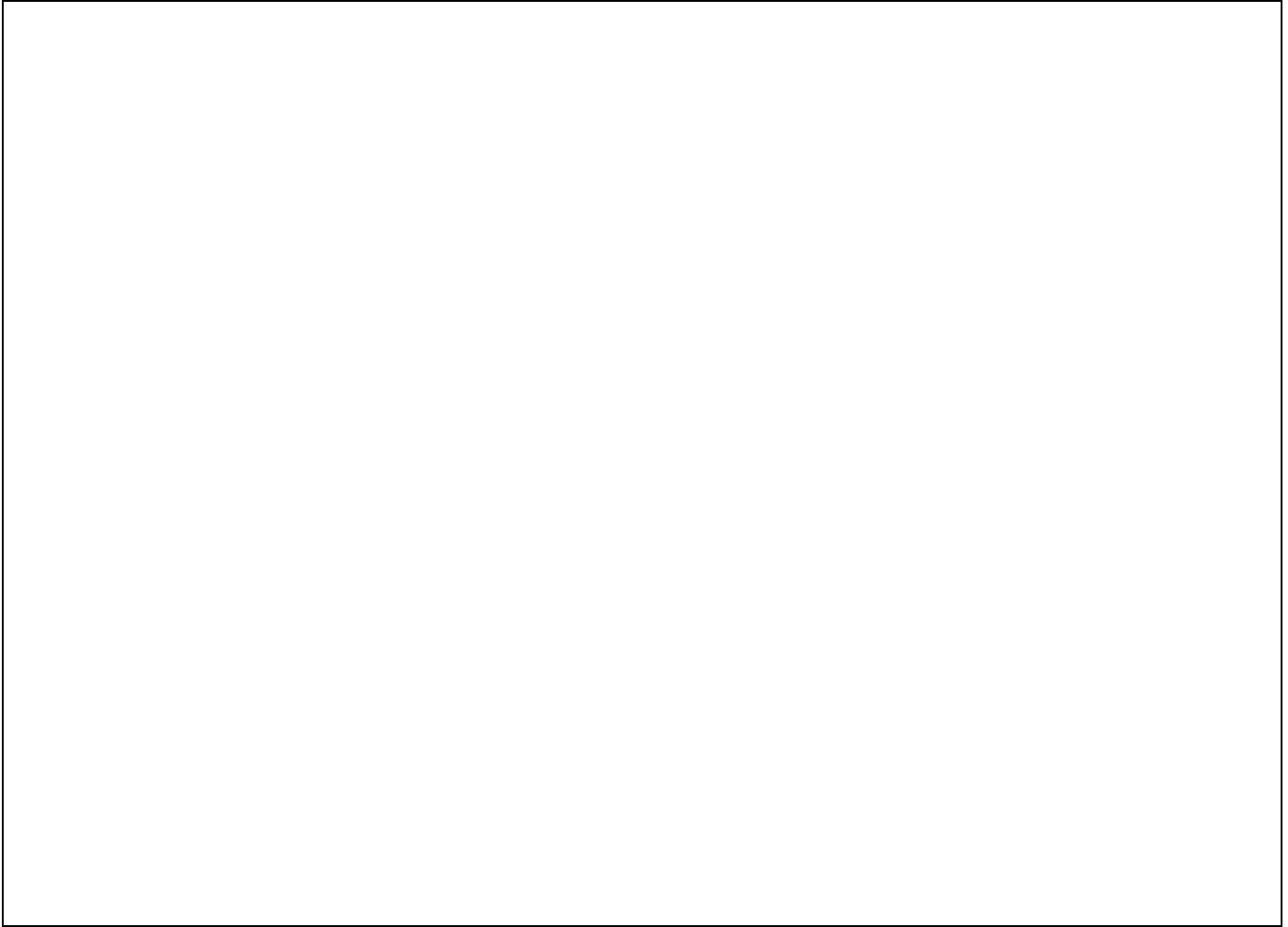
Permit #

Check #

THE DESIGN, LOCATION, & ORIENTATION OF THE DRAINFIELD MAY NOT BE ALTERED
WITHOUT PRIOR APPROVAL FROM LAKE COUNTY ENVIRONMENTAL HEALTH.
APPROVED PERMIT IS INVALID IF SYSTEM IS NOT INSTALLED WITHIN TWENTY-FOUR MONTHS OF ISSUANCE.

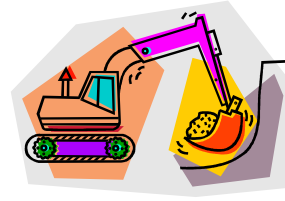
Lot Layout

- Please Include:
- a. property lines
 - b. existing and proposed structures, including basements
 - c. all existing or proposed wells, spring and cisterns on or within 100 feet of the property lines
 - d. all streams, lakes, springs, ponds, irrigation ditches, and other surface water sources on or within 100 feet of property lines
 - e. driveways, parking areas
 - f. utility lines
 - g. any existing septic systems
 - h. a scale (for example: 1 inch=20 feet)
 - i. direction of slope on the property
 - j. a north directional
 - k. proposed drainfield area
 - l. **attach floor plan for each level of any proposed or existing structures**



Location Information: Draw a road map or write directions to the property. Include landmarks, road names, branch roads, distance mile markers, neighbors to the north and south, building colors/features, etc.





!!! ATTENTION !!!

**THE FOLLOWING ITEMS ARE
REQUIRED TO BE STAKED/FLAGGED
AND CLEARLY LABELED PRIOR TO A SANITARIAN
VISITING YOUR WASTEWATER INSTALLATION SITE:**

- ~ PROPERTY LINES
- ~ WELL LOCATION/PROPOSED LOCATATION
- ~ HOME SITE
- ~ PROPOSED OR DESIGNATED DRAINFIELD AREA

**IF YOUR PROPERTY HAS LOCKED GATES,
ARRANGEMENTS MUST BE MADE IN ORDER TO
ASSURE ACCESS TO THE PROPERTY.**

**A \$100 FEE WILL BE CHARGED FOR REPEAT SITE
VISITS IF THE ABOVE ITEMS ARE NOT IN PLACE.**



L A K E C O U N T Y E N V I R O N M E N T A L H E A L T H

WHAT HOMEOWNERS SHOULD KNOW ABOUT WATER SOFTENERS

ARE YOU CONSIDERING INSTALLING A WATER SOFTENER OR OTHER WATER TREATMENT UNIT?

- According to Lake County Wastewater Treatment System Regulations, water softener discharge must be excluded from wastewater treatment systems and must be disposed of in a manner that will not affect the wastewater treatment system.

HOW DOES WATER SOFTENER DISCHARGE HARM MY DRAINFIELD?

- Drainfields are designed for a specific amount of wastewater flow based on the number of bedrooms in a household.
- Water softener or reverse osmosis treatment unit discharge may overload your drainfield capacity, causing failure. National studies are currently in progress to learn more about the reasons why water softener discharge may cause problems.
- Lake County Environmental Health has seen an increase of failures in wastewater systems with water softeners discharging to the drainfield.

WHAT DO I NEED TO DO TO PROPERLY DISPOSE OF WATER SOFTENER DISCHARGE?

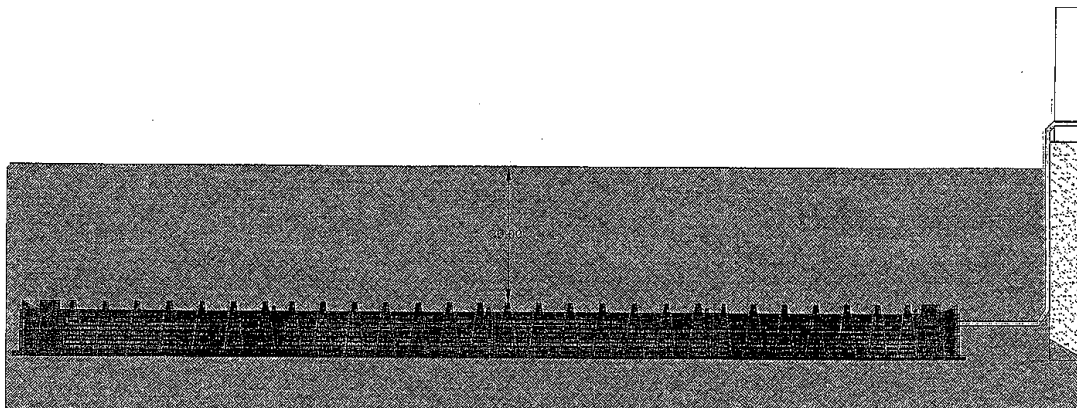
- Water softener discharge may be properly disposed of in a separate drainfield trench. Due to high salt concentration of the water softener discharge, this trench should be located away from plants in your yard.

ARE THERE OTHER WATER SOURCES THAT SHOULD NOT ENTER MY DRAINFIELD?

- Do not connect rain gutters or storm drains to the drainfield or allow surface water to drain into the drainfield. These sources could flood the drainfield, causing failure. Utilize a separate drainfield for stormwater.

HOW CAN LEAKING FIXTURES HARM MY DRAINFIELD?

- It is very important to make sure your home does not have any leaking fixtures. A leaky toilet can waste up to 2,000 gallons of water in a single day. Leaky fixtures waste natural resources and can overload your waste water system, causing failure.



Example of a water softener line from the house to a separate drainfield trench