Site & Soil Evaluation Application

To obtain approval for a new or replacement on-site septic system you must submit a complete site evaluation application. This evaluation is an examination of the soil profiles in the test pits where the dispersal component will be located. Before you apply, ensure you have acquired your parcel number. You may contact the Assessor's office if you do not have a parcel number for this application, (509) 773-3715. If this site evaluation is for a waterless toilet installation permit, contact your sanitarian.

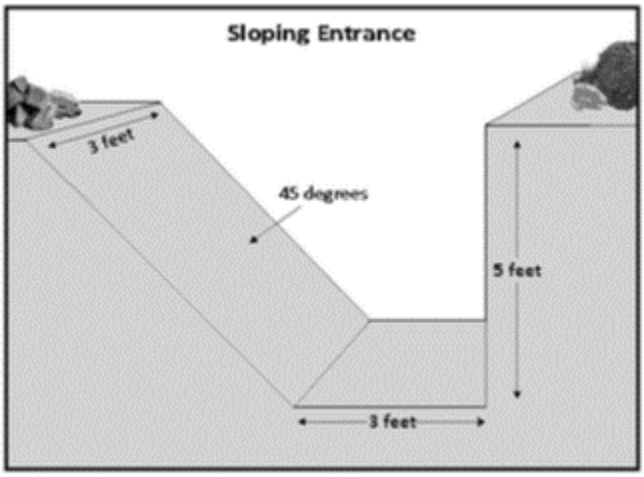
The first step is to hire an excavator to dig the perc holes, but if you have the proper equipment, you may dig the holes yourself. **Remember to call 811 for locates before you dig!**

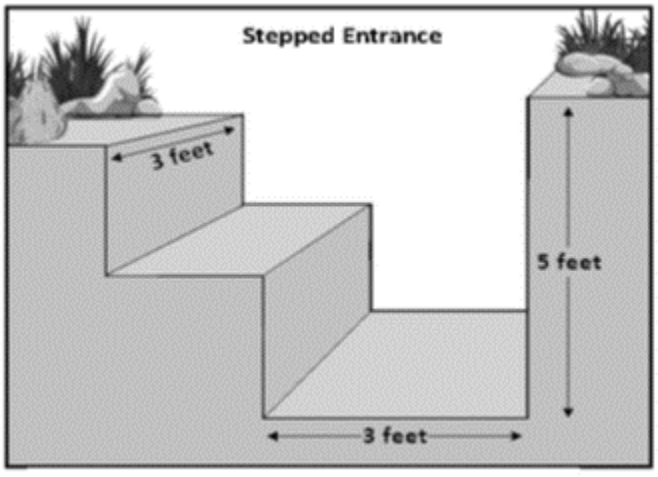
For new installations, dig two (2) holes for the primary dispersal area and two (2) holes for the reserve area, four (4) total. The test pits should be dug approximately 50 feet apart from each other and no more than 100 feet. All test pits should be 100 feet away from wells & surface water. If the area is sloped, dig two (2) holes upslope and two (2) downslope. For repairs or expansions, two (2) test pits are sufficient. More complex sites may require additional test pits.

You must clearly mark or flag the following areas prior the site visit; proposed home location, any additional structures, existing well or proposed well location, any existing utilities or easements, or any access locations.

Once the holes are dug, turn in the site evaluation application with the fee of $500. Once submitted you can call to schedule the site & soil evaluation. You can also ask to have the sanitarian present during the excavation of the holes as well. **Reports may take up to two (2) weeks to be completed after the test pits are evaluated. The site evaluation is nonrefundable once services are rendered. If high water conditions are present, the sanitarian may request a wet season evaluation per WAC 246-272a-0220(4).**

To ensure sanitarian safety, follow the diagram below when constructing the soil test pits. If the site is particularly wet or saturated, please construct a stepped entrance.





Avoid digging the test pits in the following areas; swales or landform depressions, slopes greater than 45 percent, areas that have been previously excavated and filled, areas where groundwater may surface during the wet season, and areas that will be used for development (homesite, roads, outbuildings, etc.). During excavation any large equipment must be shut down when a person is in the test pit.

Goldendale Office
115 W. Court St
Box 103
Goldendale, WA 98620
509-773-4565

Klickitat County Health Department
Monday-Friday, 8am to 5pm

White Salmon Office
501 NE Washington St/ PO Box 159
White Salmon, WA 98672
509-493-1558

Applicant and Site Information

Name: _____

Mailing Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Email: _____

Property Owner: _____

Tax Parcel Number: _____

Site Address: _____

Directions to the property: _____

_____

Access Restrictions (gate code, dogs, cattle): _____

Project Proposal / Wastewater Source

☐Residential ☐Multi-Family ☐Commercial ☐Food Service

Other: _____

Proposed Water Supply

☐Existing ☐New ☐Future

Drinking Water Source

☐Well ☐Spring ☐Shared Well

☐Public Water System:

Owner/Applicant Statement: I, the undersigned, hereby certify that the information provided is true and accurate to the best of my knowledge. I hereby assume all responsibility for the accuracy of the information contained herein and grant Klickitat County Health Department staff permission to enter the above listed property for the purpose of this application.

Signature: _____ Date: _____

Health Department Use Only

Date Received: _____ SmartGov Case #: _____ Perc Holes Ready? _____

Receipt Number: _____ Assigned to: _____

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Please provide some preliminary information regarding the site. See example on the next page.

Vicinity Sketch (directions to the property) Tax parcel # _____

Please indicate the following on the site plan sketch.

- □ Building size and location
- □ Driveway
- □ Water system pipes
- □ All domestic water supplies (wells)
- □ Bodies of water
- □ Property size
- □ Property lines
- □ Distance from structures and out buildings
- □ Distance from wells
- □ Distance from other sewage system components
- □ Desired area for sewage system and reserve area
- □ Location of test pits
- □ All legal easements on the property
- □ Direction of slope
- □ Grade of slope (expressed in degrees or percent)
- □ Adjacent roads

Draw your site plan. If the property is less than 2 acres, the plan must be to scale. Examples are on the next page.

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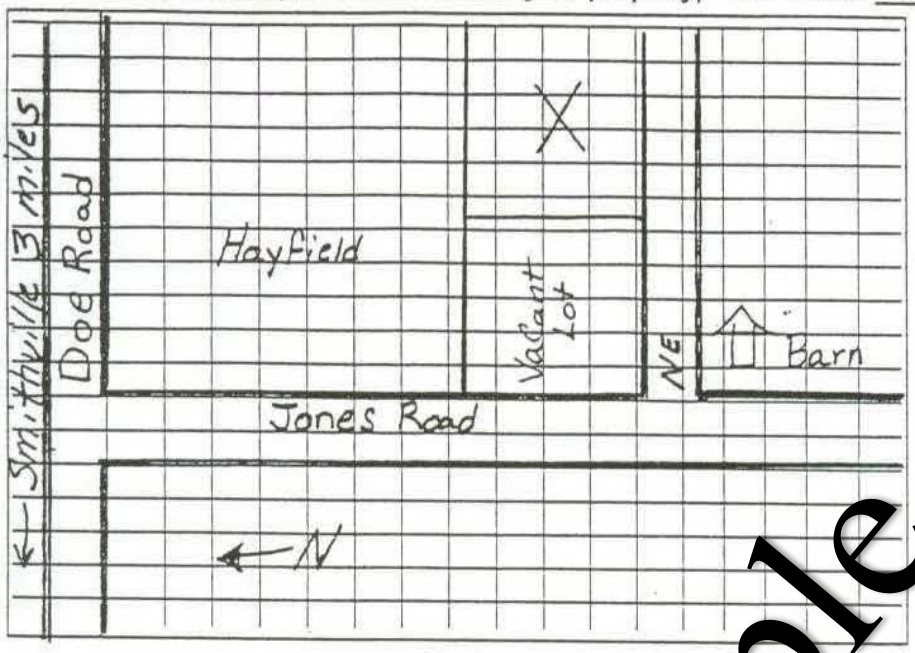
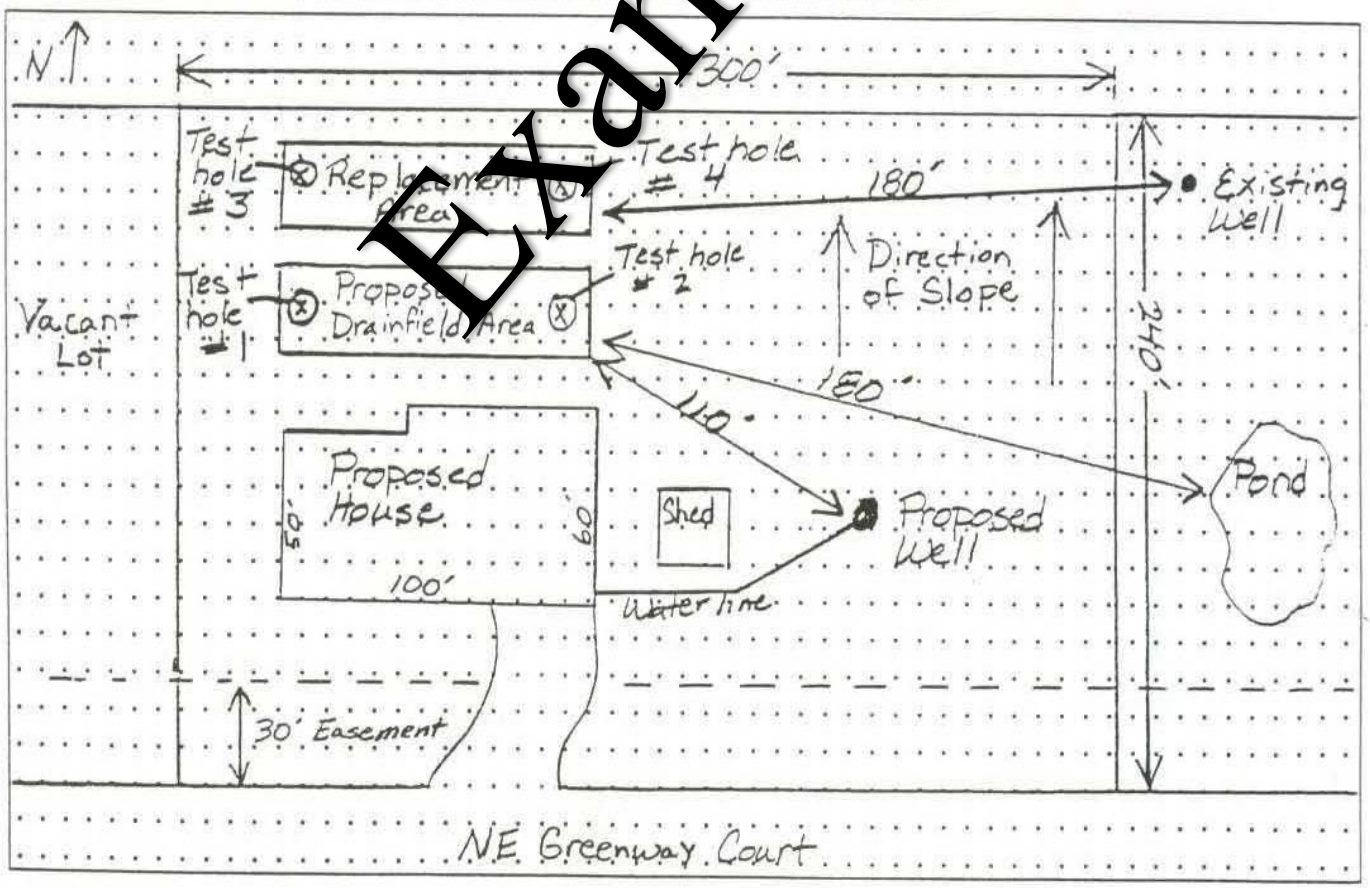
Vicinity Sketch (show directions to your property) Tax Parcel # 12-34-5678-9101



Indicate On Sketch

- ☐ Identify wetlands within 300 feet of septic system NA
- ☐ Identify 100-year floodplains NA
- ☑ Building Size and Location (all structures)
- ☑ Driveway
- ☑ Water Systems and Pipes
- ☑ Domestic Drinking Water Supplies within 100 ft of property line (spring, etc,)
- ☑ Bodies of water within 200 ft of property including seasonal)
- ☑ Property size, property lines
- ☑ Distance of building from property lines and other buildings
- ☑ Adjacent roads(including names)
- ☑ General Area intended for sewage system, and reserve area.
- ☑ Location of test holes (please number on site plan as well as at the site)
- ☑ Indicate which direction is north
- ☑ Show all legal Easements, Rights of Way, & designated high water marks
- ☑ Surface drainage (show direction of slopes)

Draw Site Plan Below (How you plan to use the property) See indicators above
If parcel is two acres or smaller, plan must be to scale



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Minimum Horizontal Setbacks

Items requiring setback	From edge of soil dispersal and reserve area	From sewage tank and distribution box	From building sewer, and nonperforated distribution pipe
Well	100ft	50ft	50ft
Public drinking water well	100ft	100ft	100ft
Nonpublic drinking water well	100ft	50ft	50ft
Public drinking water spring or surface water measured from the ordinary high-water mark	200ft	200ft	100ft
Nonpublic drinking water spring or spring or surface water measured from the ordinary high-water mark[1]	100ft	50ft	50ft
Nonpublic, in-ground, drinking water containment vessel[3]	20ft	10ft	10ft
Pressurized water supply line or easement for water supply line	10ft	10ft	10ft
Closed geothermal loop[4] or pressurized nonpotable water line	10ft	10ft	10ft
Decommissioned well in accordance with chapter 173-160 WAC	10ft	N/A	N/A
Surface water measured from the ordinary high-water mark	100ft	50ft	10ft
Building foundation / in-ground swimming pool	10ft	5ft	2ft
Property or easement line	5ft	5ft	N/A
Lined[5] stormwater detention pond[6]			
Down-gradient[7]:	30ft	N/A	N/A
Up-gradient[7]:	10ft	N/A	N/A
Unlined[8] stormwater infiltration pond[6] (up or down-gradient)[7]	100ft	50ft	10ft
Irrigation canal or irrigation pond (up or down-gradient)	100ft	50ft	10ft
Interceptor/curtain drains/foundation drains/drainage or seasonal irrigation ditches			
Down-gradient[2]:	30ft	10ft	N/A
Up-gradient[2]:	10ft	10ft	N/A
Subsurface stormwater infiltration or dispersion component[6]			
Down-gradient[7]:	30ft	10ft	N/A
Up-gradient[7]:	30ft	10ft	N/A
Other site features that may allow effluent to surface			
Down-gradient[2]:	30ft	5ft	N/A
Up-gradient[2]:	10ft	N/A	N/A
Down-gradient cut or banks with at least 5ft. of original undisturbed soil above a restrictive layer due to a structural or textural change	25ft	N/A	N/A
Down-gradient cuts or banks with less than 5ft. or original, undisturbed soil above a restrictive layer due to a structural or textural change	50ft	N/A	N/A
Soil dispersal components serving a separate OSS	10ft	N/A	N/A

[1] If surface water is used as a public drinking water supply, the designer shall locate the OSS outside the required source water protection area.
[2] The item is down-gradient when liquid will flow toward it upon encountering a water table or restrictive layer. The item is up-gradient when liquid will flow away from it upon encountering a water table or restrictive layer.
[3] Any in-ground containment vessel used for store drinking water.
[4] A network of underground piping carrying fluid under pressure used to heat and cool a structure.
[5] Lined means any component that has the intended function of detaining the stormwater with no intention of dispersal into surrounding soil.
[6] OSS components take precedence in cases of horizontal setback conflicts between OSS and stormwater components.
[7] Down-gradient means that subsurface water flows towards and is usually located lower in elevation. Up-gradient means subsurface water does not flow toward and generally flat, or flows away and general located higher in elevation.
[8] Unlined means any component that has ability to or intended function of infiltrating the stormwater.

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