

Vacant
Director

COUNTY OF SISKIYOU
COMMUNITY DEVELOPMENT DEPARTMENT
806 South Main Street
Yreka, CA 96097-3321
Ph. (530) 841-2100/Fax (530) 841-4076

Rick Dean
Deputy Director
Environmental Health

Individual Sewage Disposal Systems Site Review and Permit Procedure

Siskiyou County ordinance requires that a permit be obtained from the Environmental Health Division of the Community Development Department prior to installation, repair or alteration of an individual sewage disposal system. The application for an on-site evaluation is on the reverse side. If you are not the property owner of record and are submitting this application for the property owner as their representative, you must complete the enclosed "Land Agent Authorization" form.

Procedure:

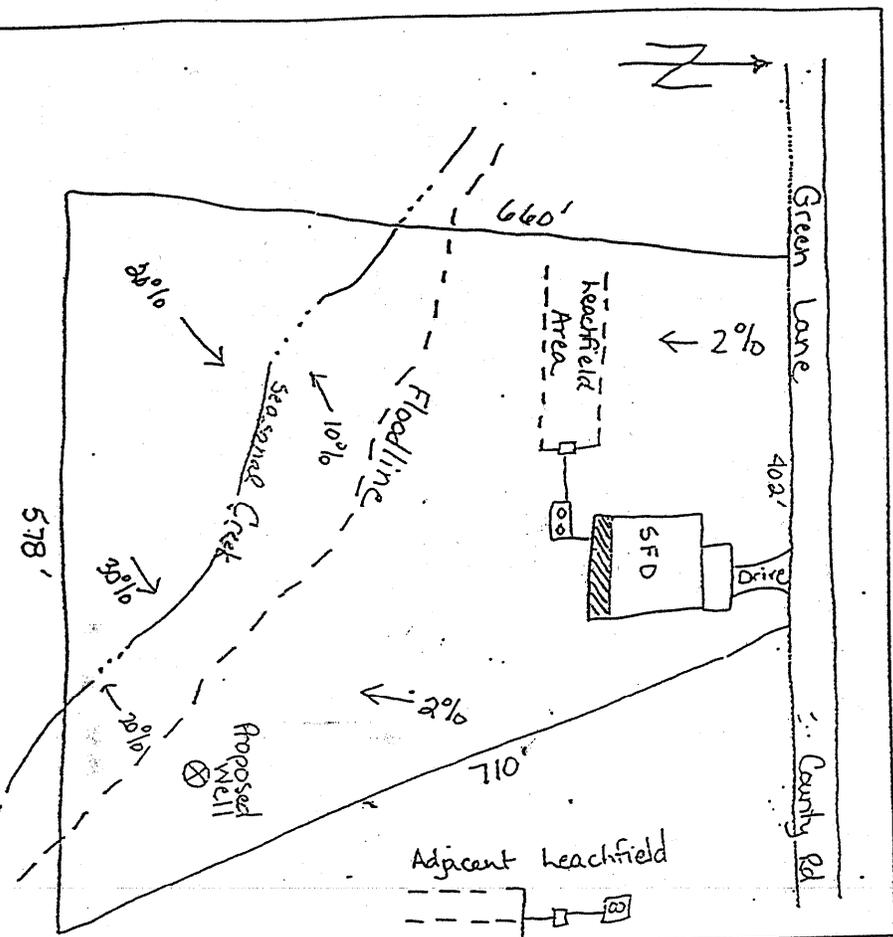
A. Contact a Registered Environmental Health Specialist (REHS) to determine if site evaluation has been previously conducted and is satisfactory under current standards for the location being proposed or considered for a sewage disposal system. You will need the Assessor Parcel Number, current owner's name, and Township, Range and Section, if known.

1. If evaluation is complete and satisfactory, you must demonstrate an adequate water supply.
2. If evaluation is not complete or satisfactory, proceed to procedures for On-Site Evaluation (Section B below).

B. Conventional On-Site Evaluation Fee - \$255.00 Septic Permit Fee - \$245.00
Non-Conventional On-Site Evaluation Fee - \$255.00 Plan Check \$120.00
Septic Permit Fee - \$380.00

1. Complete Application for On-Site Sewage Disposal Evaluation (Single Family Dwelling) per instructions on the reverse side.
2. Submit completed plot plan and Application for On-Site Sewage Disposal Evaluation together with appropriate fee to the Community Development Department. Fee may be paid by cash, personal, business, cashier check, or money order.
3. Request an appointment for on-site review with the district REHS.
4. Fee entitles applicant to one on-site evaluation. Additional visits are \$50.00 per visit.
5. The district REHS will discuss soil percolation testing and other requirements with you at the time he reviews your application and sets an appointment for on-site evaluation.
6. The REHS must be on-site to review all required backhoe excavations.
7. Applicant must submit perc test data for REHS review.
8. Prior to obtaining a sewage disposal permit, you must submit proof of an adequate supply of water.

(May be completed by applicant or representative of applicant.) SAMPLE



Green Ln 47
Kellem 47
Hwy 3

Location Map:
Township 44N Range 7W Section 2

LOCATION MAP (see reverse side for example)

<p>Location Map:</p> <p>Township _____ Range _____ Section _____</p> <p>Applicant's Name _____</p> <p>Applicant or Representative's Phone # _____</p>	<ol style="list-style-type: none">1. Configuration and dimensions of parcel.2. Area of parcel in acres.3. Approximate slope of land (direction and percent).4. Access to parcel and any proposed and existing easement(s).5. Approximate location of proposed and existing structures, both above and below ground and label according to use.6. Location of any water course or impoundments.7. Areas subject to flooding.8. Location, width and ownership of roads.9. Approximate location of proposed well.10. Location of any septic tanks or leachfields on property or proposed leachfields.
---	---

Note: This plot plan is approved based on the accuracy of information provided by the applicant or representative of the applicant. Planning Department stamp of approval and Planner's signature required.

MINIMUM REQUIREMENTS FOR INDIVIDUAL SEWAGE DISPOSAL SYSTEM SITE REQUIREMENTS

1. The area required for a disposal field is determined by REHS. Determination based on soils, percolation tests, ground water level, drainage conditions, maximum sewage load, slope and other factors required by Siskiyou County Ordinance and State Water Quality Control Board regulations. Generally requires an area of approximately 50 feet by 100 feet.
2. Minimum soil depth for installation of a leach field system is six (6) feet for slopes less than 30% and eight (8) feet for slopes greater than 20%.
3. Depth to ground water: Greater than 8 feet (many need to be more, depending on soil conditions).
4. Land leveling is not permitted for leachfield area, unless the required 6 or 8 feet of native soil depth still exists after leveling. Leach fields are not permitted in fill material.
5. Maximum ground slope for installation of a leachfield system is 30%.
6. Individual sewage disposal system and dwelling **must** be on same parcel. Additional lot area may be required because of limiting topographic features or soil characteristics.

Minimum Horizontal Distance Required From	Building Sewer	Septic Tank	Disposal Field
Buildings or Structures	2 Feet	5 Feet	8 Feet
Property lines adjoining property	clear*	5 Feet	5 Feet
Water supply wells	50 Feet	50 Feet	100 Feet
Streams	50 Feet	50 Feet	100 Feet
Large trees	—	10 Feet	10 Feet
Seepage pits or cesspools	—	5 Feet	5 Feet
Disposal fields	—	5 Feet	4 Feet
Domestic water lines	1 Foot	5 Feet	5 Feet
Distribution boxes	—	—	5 Feet

Construction Requirements:

Single Family Dwelling	Number of Bedrooms
	1 or 2
	3
	4
	5 or 6

Capacity of Septic Tanks:

Minimum Septic Tank Capacity in Gallons
750
1,000
1,200
1,500

7. Maximum length of any single leach line is one hundred feet.
8. Minimum distance between drainage trenches: four feet of undisturbed earth for two feet wide trenches and six feet for three feet wide trenches.
9. Minimum depth of drainage trench: three feet unless otherwise approved.
10. Minimum width of drainage trench: twenty-four inches; maximum width thirty-six inches.
11. Minimum slope of dwelling sewer (dwelling to septic tank): ¼ inch per lineal foot.
12. Leachfield rock size: graded, washed rock, one inch to three inches in diameter.
13. Leach rock shall be covered with three inches of straw or untreated building paper prior to backfilling

14. Where two or more leach lines are required, all lines shall be equal in length. A distribution box shall be used to ensure equal loading of each line. D-box shall be placed on concrete pad poured onto native or compacted soil.
15. Five feet of solid line must be provided between the distribution box and each leach line.
16. No septic tank or drainage line shall be installed in filled ground.
17. A clean out "Y" is required in the dwelling sewer when the distance between tank and dwelling exceeds ten feet.
18. Sewage disposal systems cannot be located under driveways, roadways or parking areas.
19. All work shall be done in accordance with the approved permit and shall not be changed, modified or altered without authorization from the Environmental Health Officer.

INSPECTIONS

1. A final inspection will be made by the Environmental Health Division when the system is complete and prior to backfilling. It is the responsibility of the person or firm constructing the disposal system to call for the inspection giving 24 hour notice. Final inspection must be made before the premises can be occupied.

MAINTENANCE

1. State law requires the use of fixtures which conserve water such as low-flush toilets, shower head restrictors, etc... Reduced volumes of sewage entering a disposal system may increase its longevity substantially.
2. This Department recommends that all septic tanks be pumped at least once every eight years.
3. Do not put hazardous chemicals down the drain. Contact Environmental Health for disposal options.
4. Do not construct a driveway over the leachfield.
5. Trees generally seek water. Tree roots can plug the leach line causing pre-mature failure of the system. Trees must be at least 10 feet from the leach line. However, the Department recommends you place them as far away as possible.

APPROVAL BY THE ENVIRONMENTAL HEALTH DIVISION IS NOT A GUARANTEE THAT THE PROPOSED INSTALLATION WILL OPERATE SUCCESSFULLY, BUT MERELY ASSURES THE APPLICANT AND THE BUILDING DEPARTMENT THAT THE SYSTEM MEETS THE MINIMUM REQUIREMENTS OF THE ENVIRONMENTAL HEALTH DIVISION.

THE RESPONSIBILITY FOR THE SATISFACTORY OPERATION AND MAINTENANCE OF THE SEWAGE DISPOSAL SYSTEM RESTS WITH THE PROPERTY OWNER. THE SEWAGE MUST BE KEPT UNDERGROUND.

LAND AGENT AUTHORIZATION

APN _____ Township _____ Range _____ Section _____

I, _____ certify that I am the owner of the above referenced property in
(print name)
Siskiyou County.

I, _____ hereby give permission to _____,
(Contractor or Representative)
to act on my behalf as my authorized agent in regards to the following:

O Water Well

- o Make application for, and obtain a water well construction permit.
- o Construct water well, for which a permit has been issued.

O Sewage Disposal System:

- o Make application for an on-site sewage disposal evaluation.
- o Perform site work as prescribed by the Environmental Health Division towards the completion of an on-site evaluation. (Perc test & backhoe excavations.)
- o File an application for a sewage disposal permit in accordance with the procedures and policies of this Department.
- o Install an on-site sewage disposal system in accordance with the permit issued specific to your parcel.

Signature _____ Date _____

ARSENIC

CONDITIONS AND REQUIREMENTS FOR PARCEL DEVELOPMENT

In January 2001 the U. S. Environmental Protection Agency lowered drinking water standards from 50 parts per billion to 10 parts per billion. Based upon this action, arsenic in concentrations exceeding the new EPA standards have been discovered in the groundwater in the Copco Lake area, areas of the Mount Shasta Vista Subdivision, in the valley north of Weed, and in areas southeast of Yreka.

In order to develop a parcel for a dwelling unit, the Siskiyou County Community Development Department has established the following requirements:

- 1) Wells drilled in known or suspected arsenic contaminated areas (areas to be determined by the Environmental Health Division) must be sampled for arsenic. The sample must be taken either by a qualified professional or witnessed by a County Environmental Health representative. The analysis must be performed by a State of California Certified Laboratory.
- 2) When results indicate the 10 ppb standard for arsenic has been exceeded, further development of the parcel dependent upon this water source is as follows:
 - A. The property owner must submit plans for a treatment system for the removal of arsenic. The plans must be designed and submitted by a California Certified Civil Engineer or a C-55 licensed contractor. The treatment system proposed must be a Point of Entry (POE) system. Point of Use (POU) treatment is prohibited unless utilized in combination with a POE treatment system.
 - B. Staff will review the proposed method of treatment with respect to the "Best Available Technologies" (BAT) for arsenic removal for a private individual water system. Environmental Health review and approval of the proposed method of treatment does not imply that the system will perform as designed or continuously and adequately remove arsenic.
 - C. The system must be certified by the engineer or licensed C-55 professional as to proper installation, operation and capacity for removing arsenic to less than 10 ppb. Proper performance must be demonstrated by sampling the treated water.
 - D. The property owner must sign and have notarized an acknowledgement of the risks associated with drinking arsenic, agree to maintain and operate system as designed and to disclose the water conditions to any renters, other occupants and potential buyers. The notice shall be recorded onto the parcel.