

Certificate of Satisfactory Completion

Installation of this onsite wastewater treatment system has been determined to comply with the applicable requirements in Oregon Administrative Rules Chapter 340, Divisions 071 and 073 and the conditions of Permit OS411733 as follows:

PROPERTY INFORMATION

Property Owner: **Rolando Martello** **Township 37S, Range 06W, Section 11**
 Property Location: **113 Kendallbrook Way, Grants Pass** **Tax Lot 1507**
 Facility Type: **Single Family Dwelling** **Josephine County**
 3 Bedrooms **County Worksheet #2012-181**

SPECIFICATIONS AND REQUIREMENTS

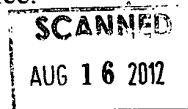
System type: Tile Dewatering

Design Flow:	450 gals/day	Drain Media Total Depth:	12 inches
Minimum Septic Tank Size:	1000 gals	Drain Media Below Pipe:	6 inches
Minimum Dosing Tank Size:	500 gals	Drain Media Above Pipe:	2 inches
Distribution Type:	Equal		
Total Trench Length:	225 Linear feet		
Trench Spacing:	8 feet*		
Media Type:	Rock and Pipe		
Maximum Trench Depth:	22 inches		
Minimum Trench Depth:	18 inches		

*Minimum undisturbed soil between trenches

ADDITIONAL CONDITIONS

- 1 In accordance with Oregon Revised Statute 454.665, this Certificate of Satisfactory Completion is issued as evidence of satisfactory completion of an onsite wastewater treatment system at the location identified above.
- 2 Issuance of this Certificate does not constitute a warranty or guarantee that this onsite wastewater treatment system will function indefinitely without failure. Conditions imposed as permit requirements continue for the life of the system.
- 3 The area of the initial and the identified replacement area must not be subjected to activity that is likely to adversely affect the soil or the functioning of the system. Such activities may include, but are not limited to, vehicular traffic, livestock, covering the area with asphalt or concrete, filling, cutting, or other soil modification activities.
- 4 This onsite wastewater treatment system must be connected to the facility referenced herein within 5 years of the issuance of this Certificate of Satisfactory Completion (CSC) or rules for authorization notices, alteration permits, or construction-installation permits as outlined in OAR 340-071-0160, 340-071-0205, or 340-071-0210 apply, including payment of an additional fee.



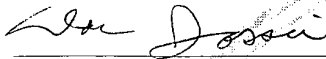
5 This system must operate in compliance with OAR Chapter 340, Division 071 and must not create a public health hazard or pollute public waters.

6 Unless otherwise required by the agent, the system installer must backfill (cover) this system within 10 days after the issuance of this Certificate of Satisfactory Completion.

SYSTEM INSPECTIONS AND COMPLETION DATES

Pre-Cover Inspection by Don Jossie on 7/30/2012

To be valid, this document must be signed by an "Agent" as defined in OAR 340-071-0100.



Onsite Wastewater Specialist

7/31/2012

Authorized Agent:

Title

Date CSC Issued

Don Jossie

Department of Environmental Quality
Western Region - Grants Pass Office

302 SE H Street

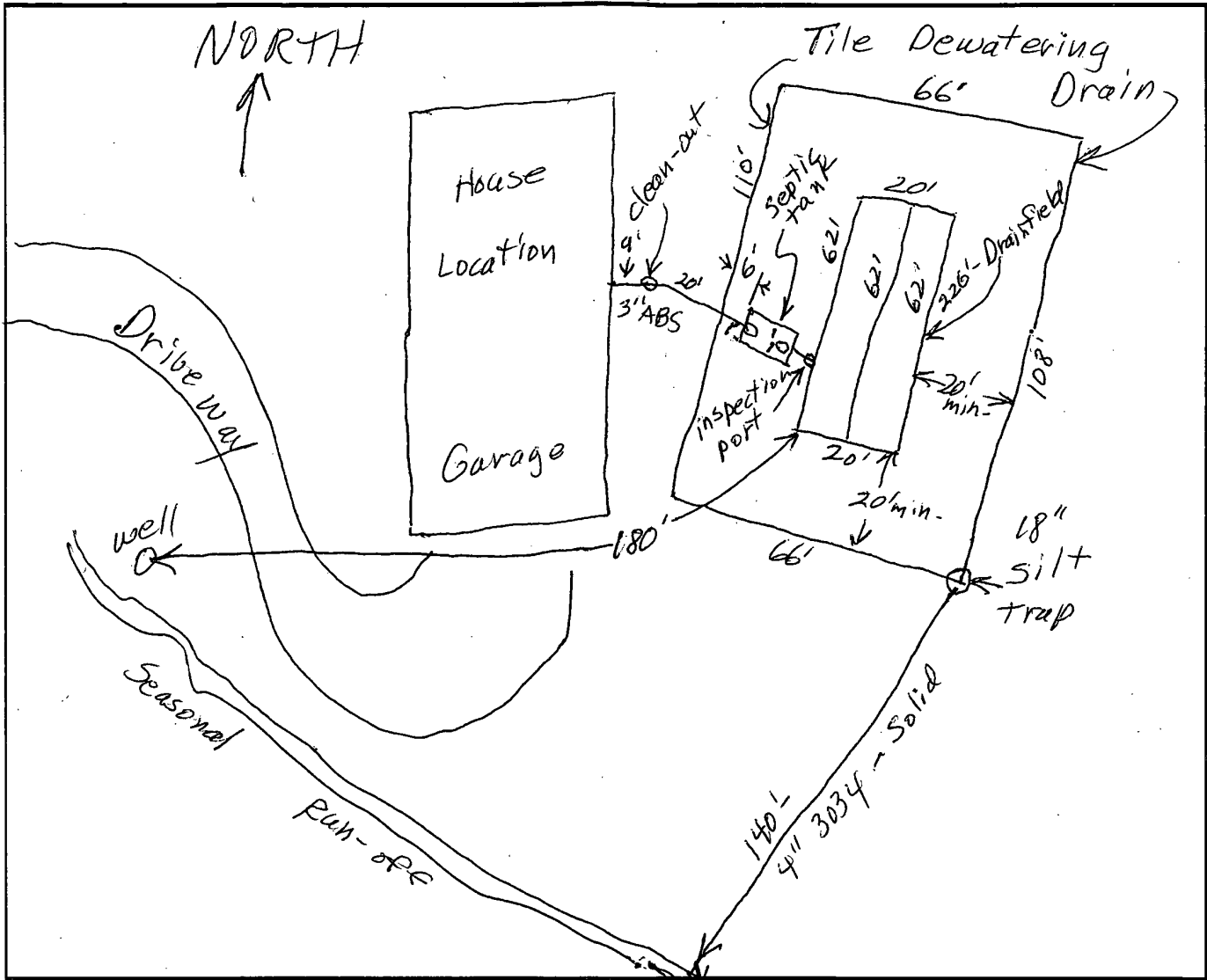
Grants Pass, OR 97526

Phone: (541) 471-2850

Fax: (541) 479-2764

SECTION 3 - As Built Plan

AS-BUILT PLAN OF THE CONSTRUCTED SYSTEM. Indicate the direction of NORTH. Show locations of all wells within 200 feet of the system. Show system setback distances from property lines, structures, wells, streams, etc.



SECTION 4 - Construction was performed by (Signature Required)

I certify that the information provided on both pages of this document is correct and that the construction of this system was in accordance with the permit and the rules regulating the construction of onsite wastewater treatment systems (OAR Chapter 340, Divisions 71 and 73).

Owner/Permittee or Certified Installer w/Certification#:	Print Name: <i>John Meade</i>		
Licensed Installer:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	License#: <i>38814</i>	Certification#:
Owner/ Certified Installer:	Signature: <i>John Meade</i>	Date: <i>7-25-12</i>	Phone#: <i>541-659-9103</i>

SECTION 5 - Office Use Only:

Notice Accepted	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Date: <i>7-31-12</i>	Installer/Owner (Permittee) Notified:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Date: <i>7-31-12</i>
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If No, Reason for Non Acceptance: _____

Comment: _____

Final Inspection Request and Notice - Onsite ID: 411733

Pursuant to the requirements within ORS 454.665, OAR 340-071-0170 and OAR 340-071-0175, the system installer and/or the permittee must notify the Department of Environmental Quality (or its authorized Agent) when the construction, alteration or repair of a system for which a permit was issued is completed and prior to backfilling or covering the installation. The Department (or Agent) has 7 days to perform an inspection of the completed construction/installation following the official notice date, unless the Department (or Agent) elects to waive the inspection and authorizes the system to be backfilled. Receipt and acceptance of this completed form by the Department (or Agent) establishes the official notice date of your request for the pre-cover inspection. Faxed copies are acceptable for inspection request purposes only. Originals must be received before a Certificate of Satisfactory Completion is issued. Please complete sections 1 through 4 on the form and return it to the office that issued the permit. Forms that are determined to be incomplete will be returned.

SECTION 1: Owner/Permittee Information:

Name: Rolando Martello
Property Address: 113 Kendallbrook Way, Grants Pass
Township: 37S, Range 06W, Section 11
Josephine County TaxLot#: Tax Lot 1507
County Planning Approval #: 2012-181

SECTION 2: System Component Specifications:

A. Tanks/Pumps		System Type: Tile Dewatering		Water tight verification*
Tanks(1)	Volume: 1500 gal.	Compartments: 2	Manufacturer: Riverside Readymix	Date: 7-24-12
Tanks(2)	Volume:	Compartments:	Manufacturer:	Date:
Pump(s)	HP:	Model/Manuf.	Float(s)Type(1):	Model/Manuf.
			Float(s)Type(2):	Model/Manuf.

B. Piping

Effluent Sewer (tank to drainfield)	Yes <input checked="" type="checkbox"/>	No	Diameter: 4"	ASTM#/Other: D 3034	Length: 6'
Pressure Transport Pipe	Yes	No <input checked="" type="checkbox"/>	Diameter:	ASTM#/Other:	Length:

C. Secondary Treatment Unit:

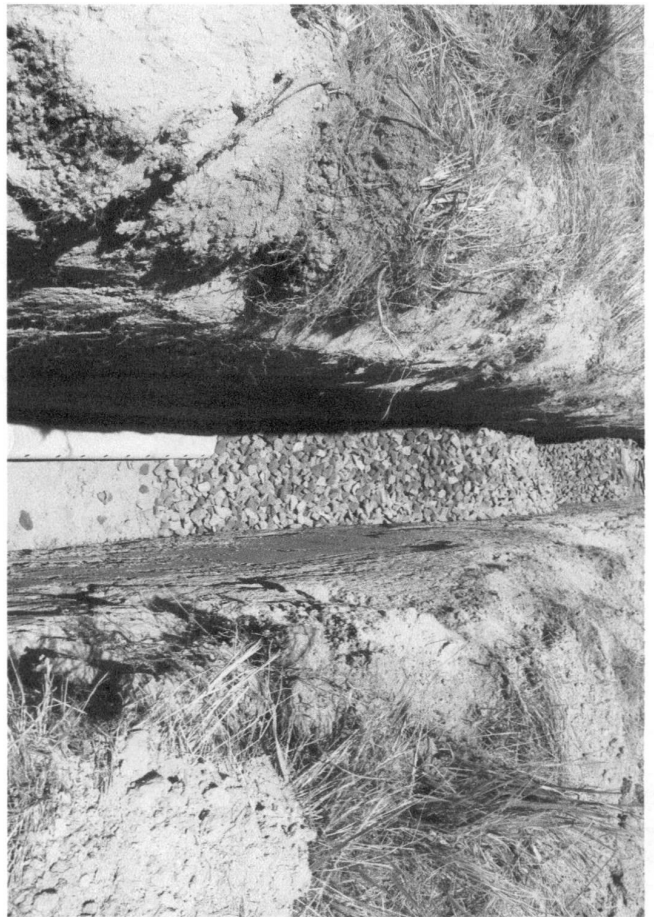
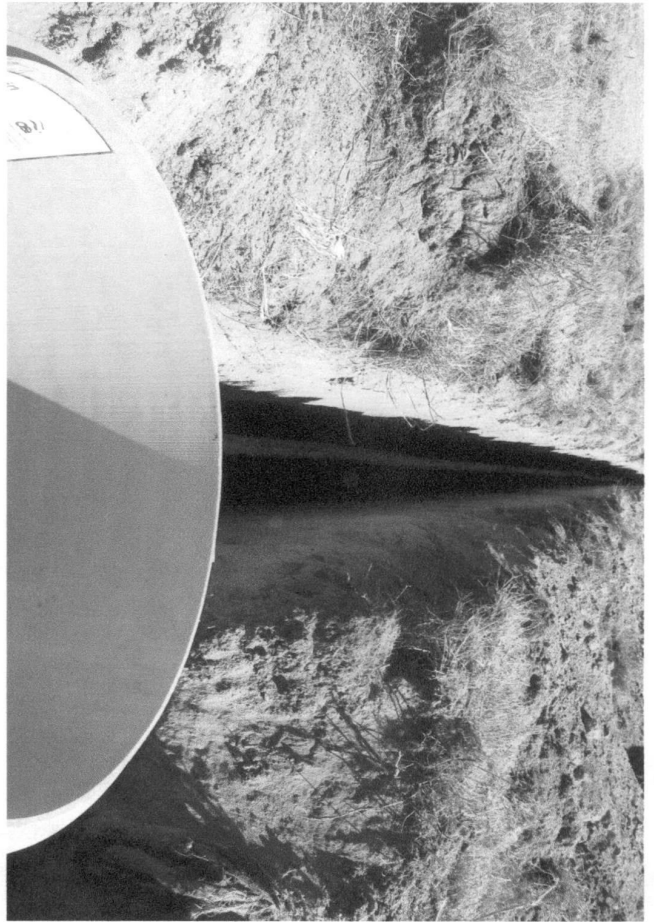
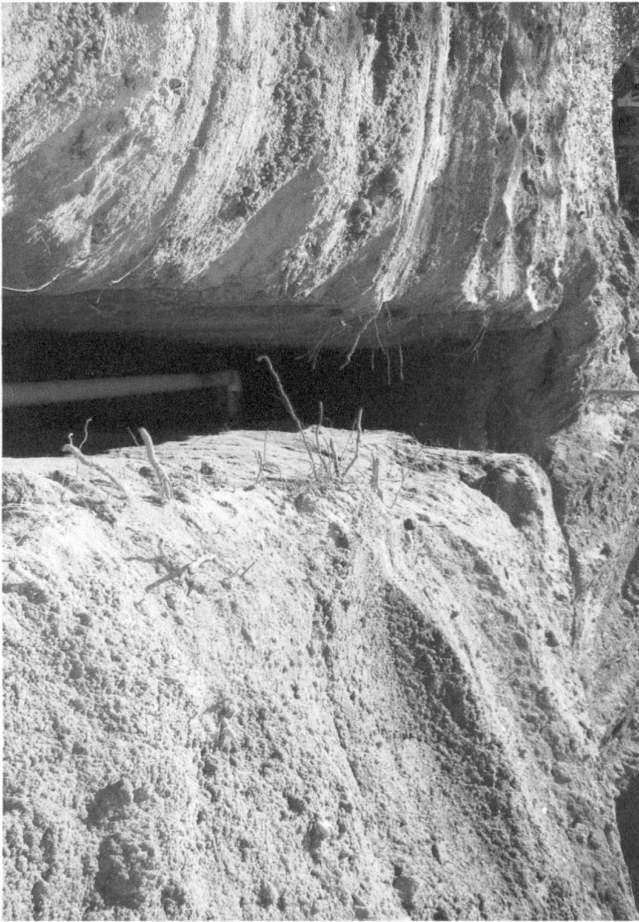
Sand Filter**	Yes	No <input checked="" type="checkbox"/>	Type:	Container Dimensions:	
Underdrain pipe	Diameter:		ASTM#/Other:	Length:	
Manifold piping	Diameter:		ASTM#/Other:	Length:	
Internal Pump	HP:		Model/Manufacturer		
Floats(1)	Type:		Model/Manufacturer		
Floats(2)	Type:		Model/Manufacturer		
ATT	Yes	No <input checked="" type="checkbox"/>	Model:		
Certified Maint.	Provider Name:				
Operation and Maint.	Contract Received?	Yes	No		

D. Drainfield Media

Type	(Gravel, Pipe or alternative?) 1 1/2" Gravel & Perf. Pipe				
Distribution Box	Yes	No <input checked="" type="checkbox"/>			
Drop Box	Yes	No <input checked="" type="checkbox"/>			
Distribution Pipe	Yes <input checked="" type="checkbox"/>	No	Diameter: 4"	ASTM#/Other: F-810	Length: 226'
Comment					

*All Tanks(s) were tested for water-tightness after installation and passed in accordance with OAR 340-073-0025(3)

**Attach sieve analysis for Underdrain Media and Filter Sand



PLOT PLAN -

Kendallbrook Way

T.L. 1507

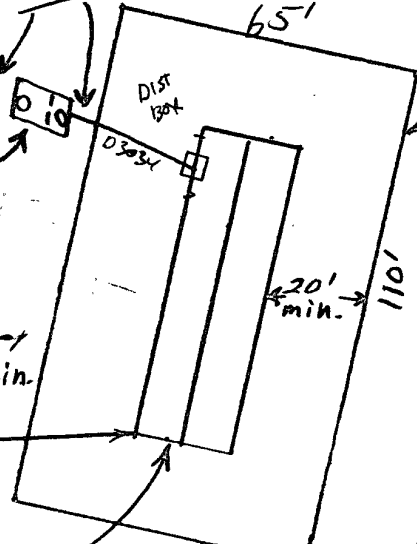
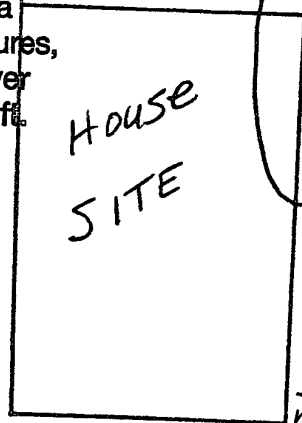
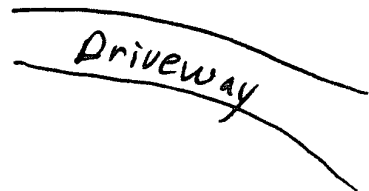
NORTH

Approval is specific only for area designated on plot plan. No structures, excavation or traffic is allowed over this area and no wells within 100 ft. of this area.

1500gal. 2-comp. Septic tank

Tile Dewatering Drain

66" min. depth, 48" below drainfield trenches



well 177'

225' drainfield - pipe and rock media 18'-22" deep - Loop system

24" Silt Trap w/Lid

ATTENTION: OREGON LAW REQUIRES YOU TO FOLLOW THE RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH OAR 952-001-0090. YOU MAY OBTAIN COPIES OF THE RULES BY CALLING THE CENTER AT (503) 232-1987.

Foundation lines of any structure must be a minimum of 5 ft. from the septic tank & a minimum of 10 ft. from the disposal field. No vehicular traffic is allowed over the tank or field.

INTERMITTENT

150' - OUTFALL
4" - 3034

PLAN APPROVED BY D.E.Q.

Date: 5-29-12 Signed *alg*

PLAN APPROVED BY D.E.Q.

Date: 5-29-12 Signed *leg*

John Meade

5-17-12



Oregon

Theodore R. Kulongoski, Governor

Scan ID
413231

Department of Environmental Quality

Western Region

Grants Pass Branch Office

510 NW 4th St., Rm #76

Grants Pass, OR 97526-2019

(541) 471-2850

FAX (541) 479-2764

October 11, 2005

Mel Atkins
980 S.W. 6th St., #14
Grants Pass, OR 97526

IMPORTANT DOCUMENT – PLEASE READ CAREFULLY
-This is not a construction permit-

RE: Alteration Permit – Site Approval With Conditions
Township/Range/Section: 37-06-11, Tax Lot Number: 1507
113 Kendallbrook Way, Grants Pass, Josephine County

Dear Mr. Atkins:

Your site was evaluated for suitability for repairing the on-site sewage disposal systems on the following date(s): 9/22/05. Based on this evaluation, the following on-site sewage disposal system is approved:

Repair system: Tile dewatering, 225 linear feet drainfield (**SEE CONDITIONS PG 3**)

Details of the site evaluation are included in the Site Evaluation for Repair Report that is enclosed. The Site Report also includes more specific information and further conditions of site approval.

Next Step – Providing Detailed Installation Information and Obtaining the Repair Permit

Prior to start of construction, you are required to submit detailed installation information for the type and size of system approved in this letter and report. The permit must be issued by DEQ before you can start construction.

Request for Variance

If you would like to apply for a Variance from one or more of the On-Site Sewage Disposal rules, you may apply for a Variance at a cost of \$1340. If you are interested, please contact the undersigned for more details before you proceed.

I look forward to working with you in completing the necessary repairs. If you have any other questions about this report, please feel free to call me at (541)471-2850, ext. 25.

Sincerely,

Donald L. Jossie
On-Site Wastewater Specialist

Enclosure
Site Evaluation for Repair Report

SCANNED

AUG 16 2012



Alteration permit #1705-487
October 11, 2005
Page 2

Site Evaluation for Repair Permit For On-Site Sewage Disposal System Suitability

Site Location: 37-06-11, Tax Lot Number: 1507
113 Kendallbrook Way, Grants Pass, Josephine County
Applicant: Mel Atkins
Date(s) of Site Evaluation: 9/22/05
DEQ On-Site Specialist: Donald L. Jossie
Date of Report: October 11, 2005

General Description of Site Evaluations

Sewage contains disease-causing organisms and other pollutants that can cause adverse impacts to human health and the environment. An on-site sewage disposal system must treat and dispose of sewage in a way that will not cause a public health hazard, contaminate drinking water supplies, or pollute public waters.

Proper treatment in an on-site system begins with primary treatment in the septic tank. The septic tank separates the solid particles in sewage from the liquid. The liquid that comes out of the septic tank is called effluent. The effluent may then be dispersed in the soil for further treatment or discharged into a secondary treatment device such as a sand filter or aerobic treatment unit prior to dispersal in the soil. For proper treatment, the effluent must slowly infiltrate into the underlying soil. Dissolved wastes and bacteria in the effluent are trapped or adsorbed to soil particles or decomposed by microorganisms. This process removes disease-causing organisms, organic matter, and most nutrients. Effluent that comes to the ground surface (through poor soils or other problems with the system) can be a possible health hazard because it may still contain some disease-causing organisms. Soil that drains too quickly may not give the effluent enough treatment and may result in groundwater contamination.

The purpose of the evaluation was to locate suitable soils in an area that is large enough for the replacement drainfield area. The criteria used for this site evaluation can be found in Oregon Administrative Rules (OAR) 340-071.

Soil test pits and other site features were evaluated during the site visit on 9/22/05. In the site inspection, the following features were evaluated:

- Soil types - how well they drain and other evidence of good soil structure for treatment
- Depth to groundwater
- Wells located on the site or adjacent sites.
- Slopes, escarpments, ground surface variations, topography
- Creeks or springs on the site or adjacent properties
- Whether the soils have been disturbed
- Setbacks from property lines, buildings, water lines, and other utilities
- Other site features that could affect the placement of your on-site system.

Approved System for Alteration

Please note that the following system is approved to repair the existing on-site sewage disposal system only. Based on the evaluation of the site conditions, the following on-site sewage disposal system is approved:

Replacement System: System Type: Tile dewatering
Minimum Septic Tank Size: 1000 gallons
Lineal feet of drainfield: 225
Distribution Method: Equal
Trench Depths – Maximum: 18" and Minimum: 18"
1. Must use equal or pressurized distribution.
2. 66" deep tile dewatering trench.

Attached is the Site Evaluation Field Worksheet, which shows the approved area and other details of the site visit.

Site Limitations

Most sites have some limitations that will affect either the location of the on-site sewage system, or the type of system that can be allowed. The following describes the limitations found at this site.

Permanent groundwater level is too high

Rule requirement: "Permanent groundwater" refers to the groundwater table that is present year around, although the level of the groundwater table will vary during certain times of the year. A minimum of 4 feet separation is required from bottom of the trench to the permanent water table.
Description: Treatment of sewage occurs in the soils around the drainfield area. If groundwater comes in contact with the sewage before it has been adequately treated in the soils, there are three concerns: 1) very little treatment occurs in saturated soils – the presence of air is required for good treatment; 2) sewage may be "forced" to the surface where it poses a potential public health hazard; and 3) human bacteria, viruses, or parasites could get into someone's drinking water supply.

Additional Conditions of Site Approval

1. This site is approved for the type of disposal system described above. Peak sewage flow into the system is limited to a maximum of 450 gallons per day, with an average sewage flow of not more than 225 gallons per day. This is normally sufficient to serve a single-family dwelling with a maximum of four bedrooms. Premature failure of the treatment system may occur if either of these flow quantities is exceeded. If for some reason you expect your domestic household water use may exceed these flows, it may be advisable to increase the size of the treatment system.

Alteration permit #1705-487

October 11, 2005

Page 4

2. Any alteration of natural soil conditions (i.e. cutting or filling) in the acceptable area may void this approval.
3. The replacement disposal area is to be protected from traffic, cover, development, or other potential disturbance of natural soil conditions.
4. The area must not be subjected to excessive saturation due to, but not limited to, artificial drainage of ground surfaces, roads, driveway, and building down spouts.
5. This approval is given on the basis that the parcel described above will not be further partitioned or subdivided.
6. Placement of a well within 100 feet of the approved areas may invalidate this approval.

This site approval is valid until the system approved above is constructed in accordance with a DEQ construction permit. Technical rule changes shall not invalidate this approval, but may require use of a different kind of system. If there is a technical rule change affecting this site approval, the Department will attempt to notify in writing the current property owner as identified by the county assessor's records. The site approval runs with the land and will automatically benefit subsequent owners.

Attachment: Field Worksheet