

SANTA CRUZ COUNTY ENVIRONMENTAL HEALTH SERVICE

GROUNDWATER AND IMPERMEABLE LAYER SEPARATION REQUIREMENTS

FOR ON-SITE SEWAGE DISPOSAL SYSTEMS

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**Minimum Separation Requirements
From The Bottom Of Any Leaching Device To Seasonally High Groundwater**

System Type:	Distance to Water Body (or Well):			
	25 - 50 FEET (To W.B.)	51 - 100 FEET (To W.B.)	101 - 250 FEET To W.B. or Well	> 250 FEET To W.B. or Well
<u>Standard system - New</u> Groundwater separation:	NP	NP	50': <1 MPI (ET only) 20': 1-5 MPI 8': 6-30 MPI 5': 31-60MPI	8': 1-30 MPI 5': 31-60 MPI
<u>Enhanced Treatment or Mound - New</u>	NP	NP	2 FEET	2 FEET
<u>Standard system - Repair</u> Groundwater separation:	NP	5 FEET	3 FEET	3 FEET (*1 FOOT)
<u>Enhanced treatment - Repair</u> Groundwater separation:	5 FEET	3 FEET	1 FOOT	1 FOOT
<u>Greywater sump Repair</u> Groundwater separation:	3 FEET	2 FEET	1 FOOT	1 FOOT
<u>Seepage Pits – Repairs</u> Groundwater Separation:	NP	NP	10 FEET	10 FEET

NP - Not Permitted

WB - Stream, spring or other waterbody

* - If groundwater separation is less than 3 feet (but at least one foot for 90% of the year) a repair permit may be approved as a limited expansion system with no major additions allowed (no annual inspections or annual fees)

MINIMUM SEPARATION REQUIREMENTS TO IMPERMEABLE SOILS

NEW SYSTEMS

REPAIRS

Need at least 10 ft of permeable soil below leaching device	5 ft of permeable soil below leaching device (1-120 mpi) if a stream, spring or cutbank is within 50 ft
First 3 ft below trench – 60 mpi minimum acceptable perc rate	3 ft of permeable soil below leaching device (1-120 mpi) if a stream, spring or cutbank is > 50 ft away
3 to 10 ft below trench – 120 mpi minimum acceptable perc rate	