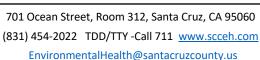


County of Santa Cruz

Health Services Agency • Environmental Health





Upgrade Standards

<u>Upgrade System</u> is a replacement system or addition to an existing system that is needed to serve an expansion of an existing legal use, including a bedroom addition, accessory dwelling unit, or residential remodel greater than 500 sq. ft. System upgrades to current standards are required in order do a major remodel.

Types of Systems, Requirements, and Building Allowances

System Type	Conditions	Requirements	Building Allowed
Upgrade	Conventional, meets standards		ADU;
	 Enhanced Treatment for: reduced groundwater or surface water separation, fast or slow soil percolation under pavement with traffic rated cover reduced dispersal area existing seepage pits 	 Maintenance Contract Deed recordation Periodic Inspection Annual Fee 	Bedroom Addition; and/or >500 sf addition

Groundwater Separation Based on Stream Setback, Treatment, and Soil Percolation (MPI)

Horizontal Setback to Stream	25-50 Feet	50 - 100 Feet	> 100 Feet		
Conventional Systems:					
Upgrade System, increase in flow by ADU, bedroom addition or major remodel	Not Permitted	Not Permitted	<1 MPI – Not Permitted 1-5 MPI Not permitted in nitrate concern area 1-5 MPI = 20 feet outside nitrate concern area 5-29.9 MPI = 8 feet 30-60 MPI = 5 feet >60 MPI – Not Permitted		
Enhanced Treatment System a,b					
(BOD, TSS, TN <30 mg/L;-Fecal coliform/E.coli Reduction to 200 MPN/100 ml)					
Upgrade System, increase in flow by ADU, bedroom addition or major remodel	Not Permitted	2 feet	2 feet		
Seepage Pit-Repair/Upgrade Only	Not Permitted	Not Permitted	10 feet		

^a Enhanced treatment with nitrogen reduction is required for all new, repaired, and replacement OWTS with soils that percolate faster than 5 MPI in nitrate concern areas (see Figure 3-1, Sec.3.2.6)

^b Groundwater separation less than 2 ft can only be approved by Regional Water Board