

**DEPARTMENT OF HEALTH AND HUMAN SERVICES
ENVIRONMENTAL HEALTH PROGRAM**

155 North First Avenue, MS 5, Suite 170
Hillsboro, OR 97124
Telephone: (503) 846-8722 ♦ Fax: (503) 846-3705
www.co.washington.or.us/hhs/environmentalhealth



Public Health
Prevent. Promote. Protect.

**MINIMUM SEPARATION DISTANCES
TABLE 1 - OAR 340-071-0220**

Items Requiring Setback	From Subsurface Absorption Area Including Replacement Area	From Septic Tank and Other Treatment Units, Effluent Sewer and Distribution Units
1. Groundwater Supplies and Wells	*100'	50'
2. Springs: <ul style="list-style-type: none"> • Upgradient • Downgradient 	50' 100'	50' 50'
3. **Surface Public Waters <ul style="list-style-type: none"> • Year round • Seasonal 	100' 50'	50' 50'
4. Intermittent Streams <ul style="list-style-type: none"> • Piped (watertight not less than 25' from any part of the onsite system). • Unpiped 	20' 50'	20' 50'
5. Groundwater Interceptors: <ul style="list-style-type: none"> • On a slope of 3% or less • On a slope greater than 3% <ul style="list-style-type: none"> ▪ Upgradient ▪ Downgradient 	20' 10' 50'	10' 5' 10'
6. Irrigation Canals: <ul style="list-style-type: none"> • Lines (watertight canal) • Unlined: <ul style="list-style-type: none"> ▪ Upgradient ▪ Downgradient 	25' 25' 50'	25' 25' 50'
7. Cuts Manmade in Excess of 30 inches (top of downslope cut): <ul style="list-style-type: none"> • Which intersect layers that limit effective soil depth within 48 inches of surface • Which do not intersect layers that limit effective soil depth 	50' 25'	25' 10'
8. Escarpments <ul style="list-style-type: none"> • Which intersect layers that limit effective soil depth • Which do not intersect layers that limit effective soil depth 	50' 25'	10' 10'
9. Property Lines	10'	5'
10. Water Lines	10'	10'
11. Foundation Lines of any building, including garages and outbuildings	10'	5'
12. Underground Utilities	10'	--

*50-foot setback for wells constructed with special standards granted by WRD.

**This does not prevent stream crossings of pressure effluent sewers.

QUANTITIES OF SEWAGE FLOWS

TABLE 2 - OAR 340-071-0220

Type of Establishment		Column 1	Column 2
		Gallons Per Day	Minimum Gallons Per Establishment per Day
Airports		5 (per passenger)	150
Bathhouses and swimming pools		10 (per person)	300
Camps: 4 persons per campsite, where applicable	Campground with central comfort stations	35 (per person)	700
	With flush toilets, no showers	25 (per person)	500
	Construction camps — semi-permanent	50 (per person)	1000
	Day camps — no meals served	15 (per person)	300
	Resort camps (night and day) with limited plumbing	50 (per person)	1000
	Luxury camps	100 (per person)	2000
	Churches	5 (per person)	150
	Country clubs	100 (per resident member)	2000
	Country clubs	25 (per non-resident member present)	---
Dwellings	Boarding houses	150 (per bedroom)	600
	Boarding houses — additional for non-residential boarders	10 (per person)	---
	Rooming houses	80 (per person)	500
	Condominiums, Multiple family dwellings — including apartments	300 (per unit)	900
	Single family dwellings	300 (not exceeding 2 bedrooms)	450*
	Single family dwellings — with more than 2 bedrooms	75 (for 3 RD & each succeeding bedroom)	450
Factories (exclusive of industrial wastes — with shower facilities)		35 (per person per shift)	300
Factories (exclusive of industrial wastes — without shower facilities)		15 (per person per shift)	150
Hospitals		250 (per bed space)	2500
Hotels with private baths		120 (per room)	600
Hotels without private baths		100 (per room)	500
Institutions other than hospitals		125 (per bed space)	1250
Laundries — self-service		500 (per machine)	2500
Mobile home parks		250 (per space)	750
Motels — with bath, toilet, and kitchen wastes		100 (per bedroom)	500
Motels — without kitchens		80 (per bedroom)	400
Picnic Parks — toilet wastes only		5 (per picnicker)	150
Picnic P arks — with bathhouses, showers, and flush toilets		10 (per picnicker)	300
Restaurants		40 (per seat)	800
Restaurants — single-service		2 (per customer)	300
Restaurants — with bars and/or lounges		50 (per seat)	1000
Schools	Boarding	100 (per person)	3000
	Day — without gyms, cafeterias, or showers	15 (per person)	450
	Day — with gyms, cafeterias and showers	25 (per person)	750
	Day — with cafeteria, but without gyms or showers	20 (per person)	600
Service Stations		10 (per vehicle served)	500
Swimming pools and bathhouses		10 (per person)	300
Theaters	Movie	5 (per seat)	300
	Drive-in	20 (per car space)	1000
Travel trailer parks — without individual water and sewer hookups		50 (per space)	300
Travel trailer parks — with individual water and sewer hookups		100 (per space)	500
Workers	Construction — as semi-permanent camps	50 (per person)	1000
	Day — at schools and offices	15 (per shift)	150

* Except as otherwise provided in these rules