



OAR 340-053-0080

Table 1

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Design Flows for Graywater Reuse and Disposal Systems			
Type of Establishment		Gallons Per Unit Per Day	Minimum Gallons Per Establishment Per Day
Airports		2.4 (per passenger)	72
Bathhouses and swimming pools		4.8 (per person)	144
Camps: (4 Persons per Campsite, where Applicable)	Campground with central comfort stations	16.8 (per person)	336
	With flush toilets, no showers	12 (per person)	240
	Construction camps — semi-permanent	24 (per person)	480
	Day camps — no meals served	7.2 (per person)	144
	Resort camps (night and day) with limited plumbing	24 (per person)	480
	Luxury camps	48 (per person)	960
Churches		2.4 (per seat)	72
Country clubs		4.8 (per resident member)	960
		12 (per nonresident member present)	
Dwellings:	Boarding houses	72 (per bedroom)	288
	Boarding houses – additional for nonresidential boarders	4.8 (per person)	—
	Rooming houses	38.4 (per person)	240
	Condominiums, Multiple family dwellings — including apartments	144 (per unit)	432

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Type of Establishment		Gallons Per Unit Per Day	Minimum Gallons Per Establishment Per Day
Dwellings:	Single family dwellings	36 (per bedroom for third & each succeeding bedroom)	216
Factories (exclusive of industrial wastes — with shower facilities)		16.8 (per person per shift)	144
Factories (exclusive of industrial wastes — without shower facilities)		7.2 (per person per shift)	72
Hospitals		120 (per bed space)	1200
Hotels with private baths		57.6 (per room)	288
Hotels without private baths		48 (per room)	240
Institutions other than hospitals		60 (per bed space)	600
Laundries — self-service		400 (per machine)	2000
Mobile home parks		120 (per space)	360
Motels — with bath, toilet, and kitchen wastes		48 (per bedroom)	240
Motels — without kitchens		38.4 (per bedroom)	192
Picnic Parks — toilet wastes only		0 (per picnicker)	0
Picnic Parks — with bathhouses, showers, and flush toilets		4.8 (per picnicker)	144
Restaurants		19.2 (per seat)	384
Restaurants — single-service		0.96 (per customer)	144
Restaurants — with bars and/or lounges		24 (per seat)	480

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Type of Establishment		Gallons Per Unit Per Day	Minimum Gallons Per Establishment Per Day
Swimming pools and bathhouses		4.8 (per person)	144
Theaters:	Movie	2.4 (per seat)	144
	Drive-In	9.6 (per car space)	480
Travel trailer parks — without individual water and sewer hookups		24 (per space)	144
Travel trailer parks — with individual water and sewer hookups		48 (per space)	240
Workers:	Construction — as semi-permanent camps	24 (per person)	480
	Day — at schools and offices	7.2 (per shift)	72
Schools:	Boarding	48 (per person)	1440
	Day — without gyms, cafeterias, or showers	7.2 (per person)	216
	Day — with gyms, cafeterias and showers	12 (per person)	360
	Day — with cafeteria, but without gyms or showers	9.6 (per person)	288
Service Stations		4.8 (per vehicle served)	240