

TABLE I
For System Design
ESTIMATED SEWAGE FLOWS

EFFECTIVE NOVEMBER 26, 2006

TYPE OF ESTABLISHMENT	GALLONS PER DAY
COMMERCIAL:	
Airports, bus terminals, train stations, port & dock facilities, Bathroom waste only	
(a) per passenger.....	4
(b) add per employee per 8 hour shift.....	15
Barber & beauty shops per service chair.....	75
Bowling alley bathroom waste only per lane	50
Country club	
(a) per resident.....	100
(b) add per member or patron	25
(c) add per employee per 8 hour shift.....	15
Doctor and Dentist offices	
(a) per practitioner	250
(b) add per employee per 8 hour shift.....	15
Factories, exclusive of industrial wastes	
gallons per employee per 8 hour shift	
(a) No showers provided	15
(b) Showers provided	25
Flea Market open 3 or less days per week	
(a) per non-food service vendor space	15
(b) add per food service establishment using single service articles only per 100 square feet of floor space.....	50
(c) per limited food service establishment.....	25
(d) for flea markets open more than 3 days per week, estimated flows shall be doubled	
Food operations	
(a) Restaurant operating 16 hours or less per day per seat	40
(b) Restaurant operating more than 16 hours per day per seat	60
(c) Restaurant using single service articles only and operating 16 hours or less per day per seat	20
(d) Restaurant using single service articles only and operating more than 16 hours per day per seat	35
(e) Bar and cocktail lounge per seat	20
add per pool table or video game	15
(f) Drive-in restaurant per car space	50
(g) Carry out only, including caterers	
1. per 100 square feet of floor space	50
2. add per employee per 8 hour shift.....	15
(h) Institutions per meal.....	5

(i) Food Outlets excluding deli's, bakery, or meat department per 100 square feet of floor space	10
1. add for deli per 100 square feet of deli floor space	40
2. add for bakery per 100 square feet of bakery floor space	40
3. add for meat department per 100 square feet of meat department floor space	75
4. add per water closet	200
Hotels & Motels	
(a) Regular per room	100
(b) Resort hotels, camps, cottages per room	200
(c) Add for establishments with self service laundry facilities per machine	750
Mobile Home Park	
(a) per single wide mobile home space, less than 4 single wide spaces connected to a shared onsite system	250
(b) per single wide mobile home space, 4 or more single wide spaces are connected to a shared onsite system	225
(c) per double wide mobile home space, less than 4 double wide mobile home spaces connected to a shared onsite system	300
(d) per double wide mobile home space, 4 or more double wide mobile home spaces connected to a shared onsite system	275
Office building	
per employee per 8 hour shift or	15
per 100 square feet of floor space, whichever is greater	15
Transient Recreational Vehicle Park	
(a) Recreational vehicle space for overnight stay, without water and sewer hookup per vehicle space	50
(b) Recreational vehicle space for overnight stay, with water and sewer hookup per vehicle space	75
Service stations per water closet	
(a) Open 16 hours per day or less	250
(b) Open more than 16 hours per day	325
Shopping centers without food or laundry per square foot of floor space	0.1
Stadiums, race tracks, ball parks per seat	4
Stores per bath room	200
Swimming and bathing facilities, public per person	10
Theaters and Auditoriums, per seat	4
Veterinary Clinic	
(a) per practitioner	250
(b) add per employee per 8 hour shift	15
(c) add per kennel, stall or cage	20

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Warehouse	
(a) add per employee per 8 hour shift.....	15
(b) add per loading bay.....	100
(c) self-storage, per unit (up to 200 units).....	1
add 1 gallon for each 2 units or fraction thereof, for over 200 units	
and shall be in addition to employees, offices or living quarters flow rates.	
INSTITUTIONAL:	
Churches per seat which includes kitchen	
wastewater flows unless meals prepared	
on a routine basis.....	3
If meals served on a regular basis add	
per meal prepared.....	5
Hospitals per bed which does not include	
kitchen wastewater flows.....	200
add per meal prepared.....	5
Nursing, rest homes, adult congregate living	
facilities per bed which does not	
include kitchen wastewater flows.....	100
add per meal prepared.....	5
Parks, public picnic	
(a) with toilets only per person.....	4
(b) with bathhouse, showers & toilets	
per person.....	10
Public institutions other than schools and	
hospitals per person which does not	
include kitchen wastewater flows.....	100
add per meal prepared.....	5
Schools per student	
(a) Day-type.....	10
(b) Add for showers.....	4
(c) Add for cafeteria.....	4
(d) Add for day school workers.....	15
(e) Boarding-type.....	75
Work/construction camps, semi-permanent	
per worker.....	50

Footnotes to Table I:

1. For food operations, kitchen wastewater flows shall normally be calculated as 66 percent of the total establishment wastewater flow.
2. Systems serving high volume establishments, such as restaurants, convenience stores and service stations located near interstate type highways and similar high-traffic areas, require special sizing consideration due to expected above average sewage volume. Minimum estimated flows for these facilities shall be 3.0 times the volumes determined from the Table I figures.
3. For residences, the volume of wastewater shall be calculated as 50 percent blackwater and 50 percent graywater.
4. Where the number of bedrooms indicated on the floor plan and the corresponding building area of a dwelling unit in Table I do not coincide, the criteria which will result in the greatest estimated sewage flow shall apply.
5. Convenience store estimated sewage flows shall be determined by adding flows for food outlets and service stations as appropriate to the products and services offered.
6. Estimated flows for residential systems assumes a maximum occupancy of two persons per bedroom. Where residential care facilities will house more than two persons in any bedroom, estimated flows shall be increased by 50 gallons per each additional occupant.