

## EXPECTED NORMAL SEWAGE FLOWS

<u>TYPE OF ESTABLISHMENT</u>	<u>UNIT</u>	<u>RANGE GALLS/UNIT/DAY</u>	<u>RECOMMENDED FOR DESIGN</u>
<b><u>Churches</u></b>			
with or without kitchen	per seat	2-5	3
<b><u>Commercial/Industry</u></b>			
Airports, Bus or Rail Depot (not including food facilities)	per passenger	5	5
Assembly Halls, Public Buildings (non-commercial)	per seat	3-5	5
Barber Shop	per chair	50-100	50
Beauty Salon	per chair	100-125	125
Bowling Alley (no food)	per lane	50-100	75
Car Wash	per bay	450-650	650
Construction or Work Camp (semi-permanent)	per person	40-60	50
Convenience Market	per store	330-1600	1600
with gas and deli	per store	450-1750	1750
Factories & Plants	per employee	15-35	25
with showers	per employee	25-35	35
Interstate Rest Areas (Visitor Center)	per person	5	5
Laundromats	per machine	250-500	500
Marina	per boat slip	10-25	20
with bathhouse	per boat slip	25-30	30
Offices	per employee	15-25	20
	per 1000 sq. ft	75	75
Retail Stores	per toilet room	400	400
Service Station	per Bay	500-1000	750
	per Vehicle	5-15	10
Shopping Centers - Malls	per 1000 sq. ft	100-200	120
Stadium, Auditorium, Theatre (Drive-in or Movie)	per seat	3-5	5
	or space	10	10

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<b><u>Dwelling Units</u></b>			
Boarding House	per person	50-75	75
	per bedroom	120-150	150
with meals	per person	75-100	100
Hotels-Motels (private bath)	per room	120-150	150
Rooming House	per person	40-80	60
	per bedroom	120-150	150
with meals	per person	60-80	80
<b><u>Food and/or Drink Establishments</u></b>			
<b><u>Restaurant</u></b>			
conventional	per seat	35-50	40
24-hour operation	per seat	50-75	60
take-out only	per meal served	3-6	5
Along Freeway	per seat	70-180	125
Curb Service	per car space	50	50
Tavern Bar. Lounge (no food)	per seat	20-60	40
Caterer's Function Room (Banquet facility)	per person	12-20	20
<b><u>Institutions</u></b>			
Home for the Aged	per bed	50-125	125
Hospital - Medical	per bed	175-300	250
Hospital - Mental	per bed	100-150	125
Nursing Home	per bed	110-190	190
Prison	per bed	100-150	125
<b><u>Recreational</u></b>			
<b><u>Camps</u></b>			
Day (no meal served)	per person	10-20	15
Resort (overnight) (Limited Plumbing)	per person	35-50	50
Country Club (Food included)			
Resident Member	per member	25-100	100
Non-resident member	per member	20-50	35
Fairgrounds (based on peak daily attendance)	per person	1	1
Golf Course	average attendance/person	10	10

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<b><u>Recreational (cont'd)</u></b>			
Parks			
with toilet only	per person	5-10	7
with bathhouse, toilet and kitchen	per person	10-25	20
Swimming Pool with bathhouse	per person	10	10
Travel Trailer Park			
with water & sewer hookups	per trailer or space	50-100	100
without water & sewer hookups	per person	50-100	75
<b><u>Schools</u></b>			
<u>Day</u>			
With cafeteria, gym, showers	per person	20-30	30
without cafeteria, gym and showers	per person	10-17	15
with cafeteria only	per person	12-21	21
<u>Day Care Center</u>			
	per person	10-7	17
Boarding School or College	per person	60-100	100

11/30/09