

JEA SEWER FLOW SCHEDULE - MINIMUM FLOWS FOR SYSTEM DESIGN	
TYPE OF ESTABLISHMENT COMMERCIAL:	GALLONS PER DAY
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
Automated Car Wash Facilities	15000
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
Fitness Center/Gym per square feet of floor space	0.1
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) Restaurants operating 6 hours or less GPD per seat	30
(b) Restaurant operating 7 to 16 hours per day GPD per seat	40
(c) Restaurant operating more than 16 to < 24 hours GPD per seat	60
(d) Restaurants operating 24 hours GPD per seat	80
(e) Restaurant using single service articles only and operating 16 hours or less per day per seat	20
(f) Restaurant using single service articles only and operating more than 16 to < 24 hours per day per seat	35
(g) Restaurant using single service articles only and operating 24 hours	55
(h) Bar and cocktail lounge per seat	20
Add per pool table or video game	15
(i) Drive-in restaurant per car space	50
(j) Carry out only, including caterers, Drive thru coffee shops, and Ice Cream shops	
1. Per square feet of floor space	0.5
2. Add per employee per 8 hour shift	15
Institutions per meal	5
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
Nail Salon per square feet of floor space	0.3
Office building	
Per employee per 8 hour shift, or	15
Per square feet of floor space, whichever is greater	0.15
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
Add additional flow per each automated car wash	4000
Shopping centers without food or laundry per square foot of floor space / Retail space	0.1
Stadiums, race tracks, ball parks per seat	4
Stores per bathroom	200
Swimming and bathing facilities, public per person	10
Theatres and Auditoriums, per seat	4

TYPE OF ESTABLISHMENT COMMERCIAL:	GALLONS PER DAY
Veterinary Clinic	
(a) Per practitioner	250
(b) Add per employee per 8 hour shift	15
(c) Add per kennel, stall or cage	20
Big Box Retail per square feet of floor space	0.025
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 regular basis	3
If meals served on a regular basis add per meal prepared 5	5
Hospitals per bed (<i>does not include kitchen wastewater flows</i>)	200
Add per meal prepared	5
Nursing, rest homes, adult congregate living facilities per bed (<i>does not include kitchen wastewater flows</i>)	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 which do not include kitchen wastewater flows - per person	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
RESIDENTIAL:	
Residences	
(a) Single Family Units	250
(b) Multi-family Residential - per bedroom	80
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	