

| <b>JEA SEWER FLOW SCHEDULE - MINIMUM FLOWS FOR SYSTEM DESIGN</b>   |                        |
|--|------------------------|
| <b>TYPE OF ESTABLISHMENT COMMERCIAL:</b>   | <b>GALLONS PER DAY</b> |
| <b>Airports, bus terminals, train stations, port &amp; dock facilities, Bathroom waste only</b>              |                        |
| (a) Per passenger  | 4                      |
| (b) Add per employee per 8 hour shift  | 15                     |
| <b>Barber &amp; beauty shops per service chair</b>   | 45                     |
| <b>Bowling alley bathroom waste only per lane</b>  | 50                     |
| <b>Automated Car Wash Facilities</b>   | 15000                  |
| <b>Country club</b>  |                        |
| (a) Per resident   | 100                    |
| (b) Add per member or patron   | 25                     |
| (c) Add per employee per 8 hour shift  | 15                     |
| <b>Doctor and Dentist offices</b>  |                        |
| (a) Per practitioner   | 250                    |
| (b) Add per employee per 8 hour shift  | 15                     |
| <b>Factories, exclusive of industrial wastes gallons per employee per 8 hour shift</b>                       |                        |
| (a) No showers provided  | 15                     |
| (b) Showers provided   | 25                     |
| <b>Fitness Center/Gym per square feet of floor space</b>   | 0.1                    |
| <b>Flea Market open 3 or less days per week</b>  |                        |
| (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                         | **                     |
| <b>Food operations</b>   |                        |
| (a) Restaurants operating 6 hours or less  | 30                     |
| (b) Restaurant operating 7 to 16 hours per day per seat  | 40                     |
| (c) Restaurant operating more than 16 to < 24 hours per day per seat   | 60                     |
| (d) Restaurants operating 24 hours   | 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                      |
| <b>Gas Station/Convenience Store/Mini-Mart:</b>  |                        |
| a) Without car wash  | 450                    |
| b) With single automated car wash  | 1,750                  |
| c) each additional car wash  | 1,300                  |
| <b>Hotels &amp; motels</b>   |                        |
| (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                    |
| <b>Nail Salon per square feet of floor space</b>   | 0.3                    |
| <b>Office building</b>   |                        |
| Per employee per 8 hour shift, or  | 15                     |
| Per square feet of floor space, whichever is greater   | 0.15                   |
| <b>Transient Recreational Vehicle Park</b>   |                        |
| (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                     |
| <b>Service stations per water closet</b>   |                        |
| (a) Open 16 hours per day or less  | 250                    |
| (b) Open more than 16 hours per day  | 325                    |
| <b>Shopping centers without food or laundry per square foot of floor space / Retail space</b>                | 0.1                    |
| <b>Stadiums, race tracks, ball parks per seat</b>  | 4                      |
| <b>Stores per bathroom</b>   | 200                    |
| <b>Swimming and bathing facilities, public per person</b>  | 10                     |
| <b>Theatres and Auditoriums, per seat</b>  | 4                      |

| TYPE OF ESTABLISHMENT COMMERCIAL:  | GALLONS PER DAY |
|--|-----------------|
| <b>Veterinary Clinic</b>   |                 |
| (a) Per practitioner   | 250             |
| (b) Add per employee per 8 hour shift  | 15              |
| (c) Add per kennel, stall or cage  | 20              |
| <b>Big Box Retail</b> per square feet of floor space   | 0.025           |
| <b>Warehouse</b>   |                 |
| (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.   |                 |
| <b>INSTITUTIONAL:</b>  |                 |
| 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               |
| <b>Parks, public picnic</b>  |                 |
| (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               |
| <b>Schools per student</b>   |                 |
| (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              |
| <b>Work/construction camps, semi-permanent per worker</b>  | 50              |
| <b>RESIDENTIAL:</b>  |                 |
| Residences   |                 |
| (a) Single Family Units  | 250             |
| (b) Multi-family Residential - per bedroom   | 80              |
| <b>Footnotes to Table I:</b>   |                 |
| 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   |                 |