

Appendix B
Sanitary Design Dry Weather Flow Rates

TYPE OF FACILITY OR USE	DESIGN DRY WEATHER FLOW RATE
Single Family Residence	300 gpd
Two Family Residence (Duplex)	600 gpd
Apartments, condos, mobile homes, trailers, coops, etc. up to 600 sq. ft. of gross floor area	175 gpd/unit
Apartments, condos, mobile homes, trailers, co-ops., etc. between 601-1200 sq. ft. of gross floor area	250 gpd/unit
Apartments, condos, mobile homes, trailers, co-ops., etc. greater than 1200 sq. ft. of gross floor area.	300 gpd/unit
Motel or hotel unit less than 400 sq. ft	75 gpd/unit
Motel or hotel unit greater than 400 sq. ft.	150 gpd/unit
Hospital and Nursing Homes	150 gpd/bed
University housing, rooming house, or apartment unit housing more than 4 people	75 gpd/capita
Cafeteria (integral to an office, industrial building, or school)	2.50 gpd/capita
Non-Medical Office space	0.06 gpd/sq.ft. of gross floor area
Medical Office Space (doctor, dentist, urgent care, etc.)	0.10 gpd/sq.ft. of gross floor area
General Industrial Space	0.04 gpd/sq.ft. of gross floor area
Auditorium/Theater	5 gpd/seat
Bowling alley (plus food service areas per Restaurant standard)	100 gpd/alley
Parking Structure (exc. spaces on uncovered top decks)	27 gpd/parking space to maximum of 3,375 gpd
Church	1.50 gpd/seat
Fast Food Restaurants and Coffee Shops	20 gpd/seat
Restaurant (Other Than Fast Food)	30 gpd/seat
Stores with Food Processing but no seating (delis, butcher shop areas, etc.)	0.15 gpd/sq.ft. of gross floor area
Stores with Non-Food Process Water (barbershop, beauty salon, etc.)	0.10 gpd/sq.ft. of gross floor area
Retail Store (no process water discharge)	0.03 gpd/sq.ft. of gross floor area
Catering Hall	7.50 gpd/capita based on maximum occupancy
Grocery Store (Note: Deli and butcher shop areas to be calculated using Stores with Food Processing design rate)	0.05 gpd /sq.ft. of gross floor area
Bar, Tavern, Nightclub with no food preparation	15 gpd/capita based on maximum occupancy
Bar, Tavern, Nightclub with food preparation	30 gpd/seat
Swimming Pool (Note: Filter Backwash to be calculated using Swimming Pool Filter Backwash design rate)	20 gpd/capita based on maximum occupancy
Swimming Pool Filter Backwash based on manufacturer's spec.	To Be Determined by Public Services Area Admin.
Gas Stations	300 gpd/double hose pump
Warehouse and Storage Facilities: Manned Areas	0.06 gpd/sq.ft. of gross floor area
Laundry	425 gpd/laundry machine
Nursery and elementary schools	10 gpd/student
Middle and high schools	20 gpd/student
Spa, Country Club	0.30 gpd/sq.ft. of gross floor area
Industrial or Manufacturing Facility, Large Research Facility, or other uses not specified	To Be Determined by Public Services Area Admin.
Others (car wash, etc)	To Be Determined by Public Services Area Admin.