

TABLE 16-47-A.- APPLICATION PACKAGES

Package	Type of System
A	Collection System Only
B	Collection and Treatment System (100,000 gallons per day or less)
C	Collection and Treatment System (100,000 gallons per day or greater)
D	Individual on-site Sewage Collection and Treatment System
E	Subdivision Using Individual Sewage Disposal Systems
F	Mobile Home Parks

TABLE 64-47-B.- MINIMUM DESIGN LOADINGS FOR SEWAGE TREATMENT FACILITIES

Facility Description	Unit Sewage Design Flow (gpd)	Unit Five-Day BOD (lbs/day)
Airports		
Each employee	15	.05
Each passenger	5	.02
Assembly Halls		
Per seat	2	.02
Bowling Alleys (No Food Service)		
Per Alley	75	.13
Per Alley with Bar	225	
Churches		
Per Member with Kitchen	5	.02
Per Member without Kitchen	2	.01
Clinics		
Per Staff	20	.03
Per Patient	5	.02
Country Clubs		
Per Member (non-resident)	25	.05
Per Member (resident)	70	.17
Domestic Sewage		
Residences (per resident -a-)		
New Collection System	70	.17*
Summer Cottages, etc., per resident	50	.17
Apartment Houses--one bedroom	140	.34
--two	210	.51
--three	280	.60
Factories (per worker)		
Heavy with café and shower	35	.04
Light with café	25	.02
Light with shower	25	.02
Light	20	.02

Facility Description	Unit Sewage Design Flow (gpd)	Unit Five-Day BOD (lbs/day)
Hospitals		
Each patient (bedside)	300	.34
Each resident staff	100	.17
Each non-resident staff	20	.02
Hotels, Boarding Houses (Exclusive of restaurants, bars) per guest	50	.15
Industrial Park (Sanitary Waste Only) Per developable acre	500	.84
Institutions Per resident	70	.17
Laundry (coin operated) Per machine	400	1.34
Labor Camps Per person	50	
Mine Bath Houses Per worker	15	.03
Mobile Homes Per mobile home	280	.68
Motels (Exclusive or restaurant or bar) Per unit	80	.15
Nursing and Rest Homes		
Per resident	150	.26
Per resident staff	70	.17
Offices and Warehouses		
Per workers, no food service	20	.03
Add for food service, per worker	5	.01
Recreation		
Parks, picnic areas, and beach areas	10	.02
Campground, per person	25	.05
Amphitheater, per person	5	.01
Historical site, per person	5	.01
Lodges, per person	70	.17
Park Residences, per person	70	.17
Park Washhouse, per person	30	.05
Restaurants		
24 hour service, per seat	50	.17
Ordinary, not 24 hour service, per seat	30	.10
Curb service (drive-in), per car space	50	.17
Fast food (single service), per seat	25	.06

Facility Description	Unit Sewage Design Flow (gpd)	Unit Five-Day BOD (lbs/day)
Schools		
Elementary, each staff or student	8	.02
High school, each staff or student	10	.03
Boarding school	70	.17
Service stations		
Ordinary, not 24 hour service	500	.80
24 hour service	1000	1.60
Shopping mall per 100 sq.ft.	15	.03
Shopping Center	Based on individual store occupancy	
Swimming Pools		
Per swimmer	5	.01
Add for shower facilities, per swimmer	2	.01
Taverns and Bars, Little or no food service		
Per seat	20	.04
Theaters		
Drive-in, per car space	4	.008
Movie, per seat	2	.004
Travel Trailer Park (b)		
No water to site, per person	35	.075
Water to site, per person	50	.10
Disco/Dance Halls, per seat	5	.01
Beauty Parlors/Barber Shops		
Per chair	150	.50
Per operator	20	.02
Dentist		
Per chair	200	.10
Per staff	20	.02
Doctor		
Per patient	5	.01
Per staff	20	.02
(a) Assume four persons per residence		
(b) Assume three persons per travel trailer site		
*See Subsections 5.1.d.3., 5.1.d.4., 5.1.d.5.		
(NOTE 1: These factors do not apply to the design of municipal sewage systems. Refer to Subsection 6.1. for design loadings for municipal sewage systems.)		
(NOTE 2: If proposed facilities are not listed in the table above, and average daily water usage data is available, a peaking factor of 2.5 shall be required.)		