

OAKLAND COUNTY DRAIN COMMISSIONER

Schedule of Unit Assignment Factors July 1, 1998

Usage		Unit Factors	Information Source
Single Family Residential	1.0	per dwelling	
Auto Dealers	.30	per 1,000 sq. ft	D
Banquet Hall	.50	per 1,000 sq. ft	D
Barber Shops	1.0	per 1,000 sq. ft	D
Bars	.044	per seat	D
Beauty Shops	0.223	per booth	D
Boarding Houses	.16	per person	A-C
Boarding Schools	.27	per person	A-C
Bowling Alleys (no bars, lunch facilities)	.16	per alley	D
Car Wash			
a. Manual, Do-It Yourself	2.5	per stall	D
b. Semi-Automatic (Mechanical without conveyor)	12.5	per stall	D
c. Automatic with conveyor	33.0	per lane	D
d. Automatic with conveyor conserving and (recycling water)	8.4	per lane	D
Churches	.008	per seat	D
Cleaners (pickup only)	.048	per employee	D
Cleaners (pressing facilities)	1.25	per press	D
Clinics			
a. Medical	1.00	per doctor	D
b. Dental	1.40	per dentist	D
Convalescent and/or Nursing Homes	.3	per bed	D
Convents	.20	per person	D
Country Clubs	.08	per member	A-C
Drug Stores			
a. With fountain service	.08	per seat + .14 per 1,000 sq. ft.	D
b. Without fountain service	.14	per 1,000 sq. ft.	D

Usage		Unit Factors	Information Source
Factories (exclusive of excessive industrial use)	.50	per 1,000 sq. ft.	D
Fraternal Organizations (members only)	1.0	per hall	D
Fraternal Organization (members & rentals)	2.0	per hall	D
Funeral Homes, including one residence	2.2	per funeral home	D
Grocery Stores & Supermarkets	0.31	per 1,000 sq. ft.	D
Health Clubs			
a. With showers and/or pool	2.3	per 1,000 sq. ft.	D
b. Without showers and/or pool	.26	per 1,000 sq. ft.	D
Hospitals	1.22	per bed	D
Hotels and/or Motels (exclusive of swimming pools, bars, restaurants, etc.)	.38	per room	D
Laundry (self-service)	.54	per washer	D
Mobile Home Parks	0.60	per mobile home	D
Multiple Family Residence	0.60	per residence	D
Office Building	.40	per 1,000 sq. ft.	D
Public Institutions other than Hospitals	.32	per employee	A-C
Racquet Clubs	.82	per tennis or handball court	D
Restaurants			
a. Conventional type with or without drinks	0.13	per seat	A-B
b. Quick service franchise type, without dishes, dealing mainly in hamburgers with or without eating in building (includes but not necessarily limited to McDonald's, Burger Chef, Burger King, Red Barn and Hardees).	5.6	per restaurant	D
c. All other restaurants (includes but not necessarily limited to drive-ins, snack bars, carry outs, such as fried chicken and pizzas; could have some eating in building, all without dishes.	1.8	per restaurant	D
Rooming Houses (no meals)	.13	per person	A-C

Usage		Unit Factors	Information Source
Schools			
a. Elementary	.012	per student	D
b. Junior or Middle High	.020	per student	D
c. Senior High	.038	per student	D
d. Bus Maintenance Facility	.165	per 1,000 sq. ft.	D
Service Station	.24	per pump	D
Store (other than specifically listed)	.16	per employee	D
Summer Camps	.14	per housing unit	D
Swimming Pool (Single family residential excluded)	3.00	per 1,000 sq. ft.	D
Theaters (Drive-In)	.012	per car space	D
Theaters (indoor)	.008	per seat	D
Tourist Courts (individual bath units)	.27	per cubical	A-B-C
Warehouses	.10	per 1,000 sq. ft.	D

A - Cincinnati Report
B - Gordon MacDougall Report
to Wayne County

C - Manual of Septic Tank Practices Publication
No. 526, U.S. Department of Health
D - Oakland County Dept. of Public Work Studies

Note: New Unit Factors are Underlined

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