

TABLE 1 - PROJECT DENSITY LOADING RATES & DESIGN SEWAGE FLOW RATES
 (Based upon gross floor area in square feet (sf) unless otherwise noted)

Structure Use	Density Load	Kitchen/Gray Load	Hydraulic Load
FOOD SERVICE			
Bar (in restaurant)	10 gpd/seat	5 gpd/seat	15 gpd/seat
Bar, Tavern, Disco (no fixed seating)	10 gpd/occupant ¹	5 gpd/occupant ¹	15 gpd/occupant ¹
Bar (outdoor/seasonal)	5 gpd/seat	2.5 gpd/seat	7.5 gpd/seat
Cafeteria (open to public)	See Primary use + 5 gpd/seat	2.5 gpd/seat	Primary use + 7.5 gpd/seat
Cafeteria/Continental Breakfast (not open to public)	See Primary Use	2.5 gpd/seat	Primary use + 2.5 gpd/seat
Snack Bar	See Primary Use	0.12 gpd/sf	Primary use + 0.12 gpd/sf
Juice Bar	See Primary Use	2.5 gpd/seat	Primary use + 2.5 gpd/seat
Catering Hall	5 gpd/seat	2.5 gpd/seat	7.5 gpd/seat
Outside Patio Dining	5 gpd/seat	10 gpd/seat	15 gpd/seat
Restaurant (full service or single services > 16 seats ²)	10 gpd/seat	20 gpd/seat	30 gpd/seat
Wet store w/ food (Deli/take-out with max 16 seats single service ²)	0.03 gpd/sf	0.12 gpd/sf	0.15 gpd/sf
Convenience store/Market/Farm Stand	0.03 gpd/sf	0.02 gpd/sf	0.05 gpd/sf
Commercial Bakery	0.04 gpd/sf	0.02 gpd/sf	0.06 gpd/sf
Wine/Beer Tasting (in a winery/brewery only)	5 gpd/occ	2.5 gpd/occ	7.5 gpd/occ
GENERAL INDUSTRIAL			
General Industrial ³	0.04 gpd/sf	Industrial process water ⁴	0.04 gpd/sf
Greenhouse	0.03 gpd/sf	N/A	0.03 gpd/sf
MEDICAL			
Drug Rehabilitation	75 gpd/bed	See note ⁵	75 gpd/bed
Mental Health Residence	75 gpd/bed	See note ⁵	75 gpd/bed
Hospital	300 gpd/bed	See note ⁵	300 gpd/bed
Nursing Home	150 gpd/bed	See note ⁵	150 gpd/bed
Assisted Living	110 gpd/bed	See note ⁵	110 gpd/bed
Medical office space	0.10 gpd/sf	N/A	0.10 gpd/sf
Dialysis Center	0.10 gpd/sf	Dialysis process water ⁴	0.10 gpd/sf
Veterinary ⁶	0.10 gpd/sf + 10 gpd/animal boarding	N/A	0.10 gpd/sf + 10 gpd/animal boarding

MUNICIPAL SERVICES			
Library, firehouse, precinct, museum, art gallery (w/ meeting rooms)	0.03 gpd/sf + 5 gpd/occupant ¹ for meeting rooms	2.5 gpd/occupant ¹	0.03 gpd/sf + 5 gpd/occupant ¹ + 2.5 gpd/occupant ¹
Library, firehouse, precinct, museum, art gallery (w/o meeting rooms)	0.03 gpd/sf	2.5 gpd/occupant ¹	0.03 gpd/sf + 2.5 gpd/occupant ¹
OFFICE			
Non-medical office space	0.06 gpd/sf		0.06 gpd/sf
RECREATION			
Bath house/comfort station	5 gpd/occupant ¹	5 gpd/shower/occupant ¹ + Food service ⁷	5 gpd/occupant ¹ + 5 gpd/shower/occupant + Food service ⁷
Bowling alley/tennis court/racquetball	100 gpd/court or alley	Food service ⁷	100 gpd/court or alley + Food service ⁷
Miniature golf	15 gpd/parking space	Food service ⁷	15 gpd/parking space + Food service ⁷
Ice/roller Skating Rink	15 gpd/skater ¹ + 5 gpd/specator ¹	Food service ⁷	15 gpd/skater ¹ + 5 gpd/specator ¹ + Food service ⁷
Recreation	15 gpd/parking space	Food service ⁷	15 gpd/parking space + Food service ⁷
Spa/Fitness Center/ Karate/Dance/etc. (w/ showers & amenities)	0.1 gpd/sf	0.2 gpd/sf + Food service ⁷	0.3 gpd/sf + Food service ⁷
Spa/Fitness Center/ Karate/Dance/etc. (w/o showers & amenities)	0.1 gpd/sf	Food service ⁷	0.1 gpd/sf + Food service ⁷
Marina	10 gpd/boat slip	Food service ⁷	10 gpd/boat slip + Food service ⁷
OTB	5 gpd/person	Food service ⁷	5 gpd/person + Food service ⁷
Theater	3 gpd/seat	Food service ⁷	3 gpd/seat + Food service ⁷
Horse Farm ⁶	0.04 gpd/sf + 10 gpd/stall		0.04 gpd/sf + 10 gpd/stall
Camp Ground	10 gpd/camper	5 gpd/shower/camper	10 gpd/camper + 5 gpd/shower/camper
Billiard Hall	5 gpd/occ	2.5 gpd/occ	7.5 gpd/occ
RESIDENTIAL			
Single Family Residence	300 gpd		300 gpd
Two Family Residence	600 gpd		600 gpd
Rooming house	75 gpd/bed		75 gpd/bed

Motel/Hotel unit up to 400 sq.ft. gross floor area w/o kitchenette (w/kitchenette see Housing Unit)	100 gpd/unit		100 gpd/unit
Motel/Hotel unit > 400 sq.ft. gross floor area w/o kitchenette (w/kitchenette see Housing Unit)	150 gpd/unit		150 gpd/unit
Housing Unit ⁸ up to 600 sq.ft. gross floor area	150 gpd/unit		150 gpd/unit
Housing Unit ⁸ between 601-1200 sq.ft. gross floor area	225 gpd/unit		225 gpd/unit
Housing Unit ⁸ > 1200 sq.ft. gross floor area	300 gpd/unit		300 gpd/unit
PRC unit up to 600 sq.ft. gross floor area	100 gpd/unit		100 gpd/unit
PRC unit between 600-1600 sq.ft. gross floor area	150 gpd/unit		150 gpd/unit
PRC unit between 1600-2000 sq.ft. gross floor area	225 gpd/unit		225 gpd/unit
PRC unit > 2000 sq.ft. gross floor area	300 gpd/unit		300 gpd/unit
RETAIL			
Dry store	0.03 gpd/sf		0.03 gpd/sf
Wet store w/o Food (Hair salon, nail salon, pet shop w/o animal boarding, etc.)	0.03 gpd/sf	0.07 gpd/sf	0.1 gpd/sf
Car Dealership	0.03 gpd/sf for showroom/offices + 0.04 gpd/sf for maintenance/storage areas		0.03 gpd/sf for showroom/offices + 0.04 gpd/sf for maintenance/storage areas
Massage/Tanning	0.03 gpd/sf		0.03 gpd/sf
Tattoo Parlor	0.03 gpd/sf		0.03 gpd/sf
SCHOOL			
Boarding school/Dormitory	75 gpd/capita ¹	2.5 gpd/capita ¹	77.5 gpd/capita ¹
Day School	5 gpd/capita ¹	2.5 gpd/capita ¹	7.5 gpd/capita ¹
MISCELLANEOUS			
Car Wash	0.04 gpd/sf	Car wash process water ⁴	0.04 gpd/sf
Laundromat	0.03 gpd/sf	Laundromat process water ⁴	0.03 gpd/sf

Funeral Home	0.05 gpd/sf	Funeral Home process water ⁴	0.05 gpd/sf
House of Worship (w/ meeting rooms)	1.5 gpd/seat + 5 gpd/occupant ¹ for meeting rooms	2.5 gpd/occupant ¹	1.5 gpd/seat + 5 gpd/occupant ¹ + 2.5 gpd/occupant ¹
House of Worship (w/o meeting rooms)	1.5 gpd/seat	2.5 gpd/occupant ¹	1.5 gpd/seat + 2.5 gpd/occupant ¹
Public Storage ⁹	0.04 gpd/sf		0.04 gpd/sf
Animal boarding ⁶	0.03 gpd/sf + 10 gpd/animal		0.03 gpd/sf + 10 gpd/animal
Winery/Brewery	0.04 gpd/sf	Winery/Brewery process water ⁴	0.04 gpd/sf

¹ Occupancy ratings can be determined using New York State Uniform Fire Prevention and Building Code as a guide.

² Single Service means disposable plates, silverware & cups. Takeout seating is for waiting patrons and is not convertible to full seating or for density credit at full service restaurants.

³ General industrial buildings may contain up to 15% related office space without applying a proportionate office density loading or flow rating to the space. If office space exceeds 15% of gross floor area, then a proportionate office density loading or flow rating must be applied to the entire office space.

⁴ Process waters require a separate permit and disposal facilities – Consult Department.

⁵ A grease trap shall be provided for this installation which is sized at 20 gpd/bed.

⁶ A separate sewage disposal system shall be provided for wastewater generated from animal boarding, horse stalls, or kennel areas.

⁷ Food (kitchen) flow is added according to the type of food service in the establishment.

⁸ Motel/Hotel with Kitchenettes, Cottages, Apartments, Condominiums, Mobile Homes, Trailers, or Co-Ops.

⁹ Public storage density and/or design flow may be reduced if restrictive covenants are recorded on the parcel.

Note: The above table is subject to amendment from time to time as data becomes available to the Department. The table will be republished as an addendum to these standards if and when revised.