

RAHWAY VALLEY SEWERAGE AUTHORITY
1050 EAST HAZELWOOD AVENUE
RAHWAY, NJ 07065
Phone (732) 388-0868 / Fax (732) 382-0774
NJPDES Permit #0024643

TREATMENT WORKS SEWER CONNECTION
CONSTRUCTION AND DISCHARGE PERMIT
(2001 - 7999 GPD)

RVSA # _____

The following sewer connection application form must be completed in lieu of a NJDEP Treatment Works Approval, pursuant to N.J.A.C. 7:14A-22.4.

Owner/Applicant: _____ Telephone: _____

Email Address: _____ Fax: _____

Legal Address: _____ Town: _____

State: _____ Zip Code: _____ County: _____

Project Engineer: _____ Telephone: _____

Email Address: _____ Fax: _____

Legal Address: _____ Town: _____

State: _____ Zip Code: _____ County: _____

Builder: _____ Telephone: _____

Email Address: _____ Fax: _____

Legal Address: _____ Town: _____

State: _____ Zip Code: _____ County: _____

Location of Worksite: _____ Town: _____

Name of Facility (if applicable): _____

State: _____ Zip Code: _____ County: _____

Tax Map Lot Number: _____ Block Number: _____

Description of Work: _____

Number and Type of Units (see attached page): _____

Nature of Proposed Discharge: Domestic _____ Commercial _____ Industrial _____

Number of Employees if Commercial or Industrial: _____

New Jersey Department of Environmental Protection Regulation N.J.A.C. 7:14A-23.3
Design Flow Calculation Listing

7:14A-23.3 Projected flow criteria. This is a courtesy copy of this rule. All of the Department's rules are compiled in Title 7 of the New Jersey Administrative Code.

(a) The values specified below are to be used in computing the projected flow to wastewater conveyance and treatment facilities and when making an application for a treatment works approval pursuant to N.J.A.C. 7:14A-22. The specific measurement unit listed for each category shall be used as the basis for the projected flow. No additional provisions for inflow and infiltration are required. For the purposes of design only, other values, proposed by the design engineer, through actual water usage data, may be accepted at the Department's discretion, with an appropriate safety factor. However, all determination concerning whether or not any specific project requires a treatment works approval and/or sewer ban exemption shall be based upon the projected flow criteria established below. These criteria are not mandated to be used by sewerage authorities as a basis for establishing local user fees and/or connection fees.

| Type of Establishment | Measurement Unit | Gallons Per Day |
|--|----------------------|-----------------|
| Residential Dwellings (single family home, duplex units, townhouses, condominiums, apartments) | | |
| 1 bedroom unit | Per Dwelling | 150 |
| 2 bedroom unit | Per Dwelling | 225 |
| 3 bedroom unit or larger | Per Dwelling | 300 |
| 1 bedroom unit (age restricted) | Per Dwelling | 110 |
| 2 bedroom unit (age restricted) | Per Dwelling | 170 |
| 3 bedroom unit (age restricted) | Per Dwelling | 225 |
| Transit dwelling units | | |
| Hotels | Bedroom | 75 |
| Lodging houses and tourist homes | Bedroom | 60 |
| Motels and tourist cabins | Bedroom | 60 |
| Boarding houses (max. permitted occupancy) | Boarder | 50 |
| Camps | | |
| Campground - Mobile rec. vehicle/Tent | Site | 100 |
| Parked mobile trailer site | Site | 200 |
| Children's camps | Bed | 50 |
| Labor camps | Bed | 40 |
| Day camps--no meals | Person | 15 |
| Restaurants (including washrooms and turnover) | | |
| Average restaurant | Seat | 35 |
| Bar/Cocktail lounges | Seat | 20 |
| Fast food restaurant | Seat | 15 |
| 24 hour service restaurant | Seat | 50 |
| Curb service/Drive-in restaurant | Car Space | 50 |
| Clubs | | |
| Residential | Member | 75 |
| Nonresidential | Member | 35 |
| Racquet club | (Per Court Per Hour) | 80 |
| Bathhouse with shower | Person | 25 |
| Bathhouse without shower | Person | 10 |

| Design Flow Calculation Listing Cont'd. | | |
|---|----------------------|-----------------|
| Type of Establishment | Measurement Unit | Gallons Per Day |
| <i>Institutions</i> (includes staff) | | |
| Hospitals | Bed | 175 |
| Assisted living facility | Bed | 100 |
| Skilled nursing facility | Bed | 75 |
| Other institutions | Bed | 125 |
| <i>Schools</i> (includes staff) | | |
| No shower or cafeteria | Student | 10 |
| With cafeteria | Student | 15 |
| With cafeteria and showers | Student | 20 |
| With cafeteria, showers and laboratories | Student | 25 |
| Boarding | Student | 75 |
| <i>Automobile service stations</i> | | |
| Service bays | Per Filling Position | 125 |
| Service bays | Per Bay | 50 |
| Mini-market | Sq. Ft. | 0.100 |
| <i>Miscellaneous</i> | | |
| Office buildings (gross area) | Sq. Ft. | 0.100 |
| Stores and shopping centers (gross area) | Sq. Ft. | 0.100 |
| Factories/Warehouses (add process wastewater) | Employee | 25 |
| Factories/Warehouses with showers, (add process wastewater) | Employee | 40 |
| Laundromats | Per Machine | 580 |
| Bowling alleys | Alley | 200 |
| Picnic Parks (restrooms only) | Person | 10 |
| Picnic Parks with showers | Person | 15 |
| Fairgrounds (based upon average attendance) | Person | 5 |
| Assembly halls | Seat | 3 |
| Airports (based on passenger use) | Passenger | 3 |
| Churches (worship area only) | Seat | 3 |
| Theater (indoor) | Seat | 3 |
| Dinner theater | Seat | 20 |
| Catering/Banquet Hall | Person | 20 |
| Sports stadium | Seat | 3 |
| Visitor Center | Visitor | 5 |
| Multi-member swimming pool | Person | 15 |

(b) Flow for facilities that have combined uses shall be determined by the summation of all appropriate projected flow values for each use.

(c) The Department recognizes that the table in (a) above may not cover all establishments and facilities, and in particular facilities that require an industrial treatment works approval. In the event that a facility is not covered, the applicant shall propose the projected flow based upon operation of similar facilities or best professional judgment. The Department reserves the right to accept, modify or deny the proposed flow values.