

2001-7999 gpd

## RAHWAY VALLEY SEWERAGE AUTHORITY

1050 East Hazelwood Avenue  
Rahway, NJ 07065  
P: 732-388-0868 / F: 732-382-0774  
[www.rahwayvalleysa.com](http://www.rahwayvalleysa.com)

### SEWER CONNECTION APPLICATION POLICY

All applications for sewer connections must comply with the NJDEP requirements as outlined in N.J.A.C. 7:14A-22.1 et. seq. The Rahway Valley Sewerage Authority's (RVSA's) Sewer Connection Application Policy and application fees are as follows:

Projected wastewater flow shall be based on the criteria set forth at N.J.A.C. 14A-23.3, a copy of which is attached to each application form.

#### **0-2,000 gpd Projected Flow**

Treatment Works Sewer Connection Applications must be completed for: 1) any new building connection, including redirecting sanitary wastewater from a septic system to the sanitary sewer system; 2) any new residential, commercial or industrial building (including replacement structures) with a projected flow of 2,000 gpd or less and that is not required to file an NJDEP TWA; 3) making modifications to an existing residential dwelling which will increase the number of bedrooms when the existing residential dwelling presently has less than three bedrooms [i.e. increasing the number of bedrooms from 1 to 2 or more, or from 2 to 3 or more]; or 4) constructing an addition to or changing use of any existing commercial or industrial building.

Treatment Works Sewer Connection Application forms can be downloaded from the RVSA website. [http://www.rahwayvalleysa.com/rvsa\\_service\\_area/sewer\\_connect.shtml](http://www.rahwayvalleysa.com/rvsa_service_area/sewer_connect.shtml).

Completed applications may be mailed or brought to the RVSA between the hours of 8:30 a.m. and 3:00 p.m. Monday through Friday, along with the **\$100.00** application fee, payable to RVSA. These applications are processed upon receipt.

No local endorsement needs to be obtained from the RVSA, nor will an application fee be charged for modifications to an existing residential unit except as described above. No local endorsement is required nor will an application fee be charged for modifications to an existing commercial or industrial building when a zero flow increase is projected, i.e. when there is no increase in floor area or change in use. Modifications such as adding a bathroom or changing plumbing fixtures do not require an endorsement provided that there is no change in use or an increase in floor area.

#### **2,001-7,999 gpd Projected Flow**

A proposed sewer connection with a projected design flow that will exceed two thousand (2,000) gallons per day but is less than eight thousand (8,000) gallons per day, requires the applicant to file a Treatment Works Sewer Connection – Construction and Discharge Permit Application with the RVSA (this form can also be downloaded from the RVSA website [http://www.rahwayvalleysa.com/rvsa\\_service\\_area/sewer\\_connect.shtml](http://www.rahwayvalleysa.com/rvsa_service_area/sewer_connect.shtml)). Completed applications must be submitted to the RVSA by the first Thursday of the month, along with the **\$250.00** application fee, payable to RVSA, in order to be considered by the RVSA Board at that month's Regular Meeting.

#### **8,000+ gpd Projected Flow – TWA's**

A proposed sewer connection for building, installing, modifying or operating any sewer line, pumping station or force main which will serve more than two buildings or with a projected design flow that will exceed eight thousand (8,000) gallons per day and/or as further outlined in the NJDEP regulations, is subject to the NJDEP Treatment Works Approval (TWA) requirements as outlined in N.J.A.C. 7:14A-22.1 et. seq. including submittal of a TWA Application to NJDEP. TWA forms can be downloaded from the NJDEP website [http://www.state.nj.us/dep/dwq/forms\\_twa.htm](http://www.state.nj.us/dep/dwq/forms_twa.htm). TWA applications require the endorsement of the respective governing municipality and the RVSA. Completed applications (with original signatures, Engineer's seal, and sewer related plans) must be submitted to the RVSA by the first Thursday of the month, along with the **\$1,000.00** application fee, payable to RVSA, in order to be considered by the RVSA Board at that month's Regular Meeting.

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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 APPLICATION  
(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
<i>Residential Dwellings</i> (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
<i>Transit dwelling units</i>		
Hotels	Bedroom	75
Lodging houses and tourist homes	Bedroom	60
Motels and tourist cabins	Bedroom	60
Boarding houses (max. permitted occupancy)	Boarder	50
<i>Camps</i>		
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
<i>Restaurants (including washrooms and turnover)</i>		
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
<i>Clubs</i>		
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 (includes staff)</i>		
Hospitals	Bed	175
Assisted living facility	Bed	100
Skilled nursing facility	Bed	75
Other institutions	Bed	125
<i>Schools (includes staff)</i>		
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
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.