

# TOWN OF FAIRFAX, VT

## SEWER ALLOCATION AND CONNECTION ORDINANCE



Amended July 2, 2012

**TOWN OF FAIRFAX, VT  
SEWER ALLOCATION AND CONNECTION ORDINANCE**

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**Attachments:**

Wastewater Schedule of Rates  
and Fees

Sewer Allocation Application/Permit

## Definitions

Unless specifically defined in this article, words and phrases used in this ordinance shall have their common ordinary meaning, and are intended to give this ordinance its most reasonable application.

“Allocation fee” shall mean the financial amount due, as determined by the BOARD, imposed on owners for reserved capacity allocation.

“BOARD” shall mean the Board of Selectmen of Fairfax, comprised as the Sewage Disposal Commissioners as provided in 24 VSA Section 3614.

“Committed Reserve Capacity” shall mean the total amount of development wastewater flow (gallons per day) from all projects/buildings approved by the BOARD and the DEPARTMENT for discharge to the treatment PLANT, but not yet discharging at the time of the calculation.

“Connection Fee” means the same as “Sewer Use Fee”. See “Sewer Use Fee”.

“Department” shall mean the Vermont Department of Environmental Conservation.

“Development” shall mean the construction of improvements on a tract of land for any purpose, including, but not limited to, residential, commercial, industrial, manufacturing, farming, educational, medical, charitable, civic, recreational, religious uses, subdivisions and intent to subdivide.

“Owner” shall mean any person, who owns or possess any property connected to the municipal wastewater collection system or proposes to connect to the municipal wastewater system as applicant.

“PLANT” shall mean the municipal sewage treatment PLANT owned by the Town of Fairfax.

“PLANT Wastewater Flow” shall mean wastewater passing through the treatment PLANT in gallons per day on an annual average basis (365 day average) except where flows vary significantly from seasonal development. In the latter case, PLANT wastewater flow is determined as the average throughout the high seasonal use period, as determined by the BOARD.

“Public Sewage System or Facilities” shall mean all facilities for collecting, pumping, treating and disposing of sewage and is controlled, owned and operated by the Town of Fairfax.

“Reserve Capacity” shall mean the permitted wastewater flow minus the actual PLANT wastewater average daily flow during the preceding 12 months.

Definitions Cont.:

“SEWERS” shall mean the sewage collection and transmission system owned by the Town of Fairfax. The sewage collection system can include house connections, sewers, force mains, pump stations, and low pressure sewers.

“Sewer User Fee” shall mean the financial amount due, as determined by the BOARD, charged to property owners for the benefit to connect to the main sewer/house connection.

“Shall” is mandatory; “May” is permissive.

“Subdivision” shall mean a tract of land, which has been divided or is intended to be divided into two (2) or more lots for any purpose, in accordance with the Town’s current Subdivision Regulations.

“Superintendent” shall mean that employee of the Town of Fairfax who shall be designated by the Selectboard to operate and maintain the public sewage facilities, oversee sewer connections, and other activities stated within this ORDINANCE.

**ARTICLE 1**  
**Capacity Allocation and Connection**

SECTION 1- Ownership & Permit

The Town of Fairfax owns and operates a sewage treatment and disposal PLANT (PLANT) and a sewage collection and transmission system (SEWERS) as defined in 24 V.S.A., SECTION 3501(6) and 3601. The PLANT has a permitted capacity, and is operated in accordance with a discharge permit issued by the Vermont Department of Environmental Conservation (DEPARTMENT) under authority granted in 10 V.S.A., Chapter 47. The board of sewage disposal commissioners (BOARD) is obligated by law to comply with conditions of that permit, and to operate and manage the PLANT and SEWERS as governmental functions under and pursuant to 24 V.S.A., Chapters 97 and 101.

SECTION 2- Introduction to Reserve Capacity Allocation

The permitted capacity of the PLANT and SEWERS is the property of the Town of Fairfax. The uncommitted reserve capacity of the PLANT and SEWERS shall be allocated by the BOARD in the manner described below. This ordinance is adopted pursuant to the provisions of 24 V.S.A., SECTION 3625, in the manner provided in 24 V.S.A., Chapter 59 (or in the manner provided for in 24 V.S.A., Chapter 117), and shall not be construed as an abandonment or relinquishment of the authority or responsibility of the BOARD to regulate, control and supervise all means and methods of sewage collection, treatment and disposal within the Town of Fairfax. Nor shall it be construed to impair or inhibit the ability of the Town of Fairfax’s PLANT to contract with persons for the collection, transmission and treatment of sewage.

The Town of Fairfax has an average day design treatment capacity of 78,000 g.p.d. The Board reserves the right to retain 10% of current total of wastewater treatment capacity for municipal or any other purpose without fees.

### SECTION 3 -Reserve Capacity Allocation

#### SECTION 3.01- Allocation Flow Basis

Allocation amounts will be determined by definitions listed in the current Environmental Protection Rules, Chapter 1 as it may from time to time be amended. Any differential between actual flows and design flows that occurs is not available to the applicant for re-allotment to another project or a project expansion.

#### SECTION 3.02 - Allocation Principles

Subsequent to application of the allocation, uncommitted reserve capacity in the PLANT may be allocated to specific projects according to the following procedure:

- a) Once sewer use applications have been received at the municipal office and marked with the time and date by the person receiving the application, the BOARD may review the applications on a first come, first serve basis. The total uncommitted reserve capacity shall be determined by the BOARD twice annually and committed reserve shall be continuously recorded and updated for use in allocation decisions.
- b) The BOARD retains the right to review applications and make allocations on other than a first come/first serve basis if it finds such action is in the municipality's best interest.

#### SECTION 3.03 - Sewer Use Application for Allocation

The sewer use approval process consists of two processes: Preliminary approval and Final approval. The Preliminary approval makes a reserve capacity commitment for two (2) years and requires a Fee as shown in the Town's Schedule of Rates and Fees. Final approval is based upon approved plans and specifications, proof of all permits and also requires a Fee as shown in the Town's Schedule of Rates and Fees.

Owners (also referred to herein as "applicants") wishing to use the SEWERS and PLANT shall apply to the BOARD on a form prescribed by the BOARD. Such application shall:

Upon determining that sewer allocations are available, the applicant may apply for allocations provided that all of the following conditions are satisfied:

- a) The Commissioner's require the applicant to obtain either a Development Review Board written final decision on the proposed project indicating that construction at the designated location(s) is approved, or an approved Building Permit(s) from the Zoning Administrator for the designated location(s) has been obtained.

- b) Be accompanied by a calculation of the applicant's wastewater flow to be generated by the project/development;
- c) Include calculations for the volume, flow rate, strength, infiltration/inflow and any other characteristics determined appropriate by the BOARD;
- d) Unless waived by the BOARD all calculations required in (a) and (b) above for developments generating over 1000 g.p.d. shall be certified by a Vermont registered professional engineer.
- e) Be accompanied by plans and specifications for the construction of building sewers (from the buildings to municipal sewers) and any municipal sewer extensions, including pump stations, required to service the development/proposed connection prepared by a Vermont registered professional engineer. This requirement to submit plans and specs may be waived by the BOARD until final connection approval.
- f) Include payment of allocation fee as set forth in the Town's Schedule of Rates and Fees.

#### SECTION 3.04 - Preliminary Allocation Approval Requirements

Upon receipt of an acceptable sewer use application and supportive documents, the BOARD may make preliminary approval of uncommitted reserve capacity/allocation upon making affirmative findings that:

- a) The proposed wastewater is of domestic, sanitary origin and that there is sufficient uncommitted reserve capacity to accommodate the volume and strength of the proposed connection; or
- b) The proposed wastewater is not of domestic sanitary origin and that sufficient evidence has been presented by the owner to demonstrate that the flow and character of the wastewater is compatible with the proper operation of the PLANT and SEWERS and that the proposed wastewater shall not alone or in combination with other wastes cause a violation of the discharge permit, pass through the PLANT without treatment, interfere or otherwise disrupt the proper quality and disposal of PLANT sludge or be injurious in any other manner to the PLANT or SEWERS and that there is sufficient uncommitted reserve capacity to accommodate the strength and volume of the proposed connection.
- c) The proposed use of wastewater capacity complies with the allocation principles and is not in conflict with any other enactment adopted by the BOARD or the Town of Fairfax.

### SECTION 3.05 - Preliminary Allocation Permit Approval

The BOARD, after making the approval findings above, may issue a preliminary wastewater allocation permit, which approval shall be a binding commitment of capacity to the applicant contingent on compliance with any conditions attached to the preliminary permit and the subsequent issuance of a final allocation permit. The preliminary allocation approval permit conditions shall include:

- a) Specification that the period of time during which the preliminary allocation permit approval shall remain valid is two (2) years from the date of the Town's preliminary allocation permit approval.
- b) Incorporation of specific conditions which must be fulfilled by the applicant to maintain validity of the preliminary allocation approval.
- c) Provision for revocation by the action of the BOARD on failure of the owner to fulfill requirements of the preliminary allocation approval.
- d) Specification that the recipient of the preliminary allocation approval may not transfer, by any means, the preliminary allocation approval to any other person or connect to the SEWERS. If there is a change from the original application, then the Owner must reapply and the revised project will be considered a new project.
- e) **There shall be no refund** of any fees paid.

### SECTION 3.06 - Final Allocation Permit Approval Requirements

Prior to final allocation approval, the following requirements shall be met by the owner:

- a) Applicable local, State and Federal permits have been secured for the development/project;
- b) Reserve capacity allocation fees and other local fees or taxes set by the BOARD, have been paid in full to the Town of Fairfax. Allocation fees shall be partially based on the volume and strength of the proposed wastewater flow. The Board shall establish the fee schedule.
- c) The owner must submit "plans and specifications" for connection to and, if necessary, extension of the municipal SEWERS depending on the nature of the connection or extension project. The Board may contract engineering services for consultation and inspection services during construction, at the expense of the applicant.
- d) The owner shall schedule and pay for the physical construction of the connection to the Town's main sewer line. The main sewer line shall be located in an easement area granted to the Town. At the same time the owner shall obtain all necessary easements and rights-of-way.

## SECTION 3.07 - Final Allocation Permit Approval Conditions

A final allocation permit is an agreement between the Town of Fairfax and the Owner. The Owner who is issued the final allocation permit does not own the capacity and forfeits all rights to capacity if preliminary and final allocation permit conditions are not met.

Committed Reserve Capacity allocated in conjunction with the final allocation permit for building development shall revert to the municipality if the permit recipient has failed to "initiate construction" *within two years* of the issue date of the final wastewater allocation permit.

The final allocation permit *shall expire three years* from the date of its issuance if sewer connection has not been made. The Board may issue, at its discretion, a one-time extension upon the request of the owner. The one time/one year extension granted will require an additional fee.

If a permit expires after three years or after any extension of time provided by the BOARD, the unused portion of the committed capacity allocation at the time of expiration shall revert to the municipality. **There shall be no refund** of any fees paid.

The reserve capacity allotted to lots that are either unsold or do not have building construction completed at the time of permit expiration shall revert to the municipality without refund of any fees paid. Reserve capacity shall also revert to the municipality from any reductions made to the development wastewater flow planned for each lot subsequent to approval.

The applicant shall record the final allocation permits in the land records of the Town of Fairfax along with copies of all fees paid and reference to the location of the approved connection plans and specifications. When the owner of a residence and/or subdivision sells or otherwise conveys individual lots within the three year time frame, the final allocation permit will run solely with the land and shall transfer when the property transfers. The new owner becomes bound to comply with all permits issued and the plans and specifications for connecting the municipal SEWERS. The transferred permit shall be considered new by ownership but carry the original expiration date. If the subdivision allocation permit expires or is terminated for any reason, the BOARD shall then notify the Vermont Agency of Natural Resources Watershed Management Division thereof.

## SECTION 4 - Connection Requirements

The construction of the connection and, if necessary, the municipal SEWER extension, must be overseen by the Town to assure compliance with the plans and specs and good construction practice in a manner acceptable to the BOARD.

The Superintendent shall be notified at least five business days in advance of any proposed construction of the connection. The construction of the connection and tie-in to the municipal sewer shall not be performed unless the Superintendent is present and shall not be covered until approved by the Superintendent. Additional constraints may be found in this Ordinance, where applicable.

The Superintendent shall have the authority to inspect activities pertaining to the construction of the connection, building sewer and any other related facilities, such as grinder pumps, or pump stations, that may affect the Public Sewage System.

Fees are set by the BOARD and have to be paid in full to the Town of Fairfax, prior to granting connection approval.

#### **SECTION 4.01 - Authority to Require Connection**

Nothing herein shall be construed as limiting or impairing the authority of the Town of Fairfax or its BOARD to require connections to the PLANT and SEWERS under the general laws of the state or local ordinances.

## **ARTICLE 2** **Sewer Rents & Fund Management**

**SECTION 1 - OPERATION AND MAINTENANCE** - A quarterly sewer charge, which shall be determined by the BOARD, is hereby imposed upon every property owner having a building or structure on their premises and who are served by the municipal public sewage system where sewage may be collected for the use of the premises by the Owners, or other users and owners of real property within the Town of Fairfax. The quarterly sewer charge shall be for the purpose of the payment associated with the costs of operating, maintaining and repairing said system including loan repayment expenses. The BOARD may establish quarterly charges separately for bond payments, for fixed operating and maintenance costs not dependent on actual or estimated use and for variable operations and maintenance costs dependent on actual or estimated use.

**SECTION 2** - The sewer charges established in SECTION 1 of this ARTICLE and defined hereinafter may be charged whether or not the property is occupied, when the property is connected to the public sewage system by the necessary building sewer as required under the terms of this ORDINANCE. The rate structure shall incorporate the requirements of 40 CFR, §35.935-13 or §35.2140, as applicable.

**SECTION 3** - The quarterly charges stipulated in SECTION 1 of this ARTICLE shall be based upon rate structure(s) decided by the BOARD as provided for in 24 V.S.A., Chapter 101.

SECTION 4 - CAPITAL COSTS - The design, construction and development costs of all public sewage system expansions and extensions which have been approved by the Board shall: a) be borne by the developers and property owners requiring, requesting or directly benefiting from such extensions and/or expansions, unless; b) the voters of the Town of Fairfax shall vote on the project costs at a duly warned annual or special meeting. When the voters of the Town of Fairfax vote on the project costs, such costs shall be paid from the collection of wastewater user fees unless the voters of the Town of Fairfax approve some other means of raising the required moneys; or, c) if the BOARD agrees to fund all, or in part of extension, within existing wastewater operating budget or connection fees and/or reserve capacity allocation fees.

SECTION 5 - COLLECTION - Collection of the delinquent sewer charges may be enforced by the Town of Fairfax pursuant to 24 V.S.A., Chapter 129 water and sewer disconnection; 24 V.S.A., SECTION 3612 charges; lien; and 24 V.S.A., SECTION 3615, rents; rates. In the event any sewer charge is not paid within thirty (30) days from the billing date, a late penalty charge shall be added to the sewer charge. The amount of the late penalty charge on the overdue accounts shall be the same as those applied, according to the fee schedule. If such payment is not made, such sewer charge shall be a lien upon such real estate and shall be collected according to the procedures allowed by statute.

#### SECTION 6 - Sinking Fund/Set-Asides for Major Expenditures

The following provides for and restricts the use of set-aside (sinking) funds to finance future major maintenance/replacement costs and PLANT expansion costs.

SECTION 6.01 - A separate sinking fund may be utilized for major maintenance/replacement expenditures and for expansion/upgrading expenses associated with the wastewater facility in the Town of Fairfax. Sinking fund establishment for maintenance/replacement expenditures shall be based upon at least the following in writing: major maintenance/ replacement identification, estimated expenditures, estimated year of expenditure, payment amount, type of account used to accumulate sinking fund assets, source of funding and when payments are to stop. All sinking funds shall be established and maintained in accord with 24 V.S.A., SECTION 3616.

SECTION 6.02 - The Town of Fairfax reserves the right to increase, decrease, stop and/or maintain regular deposits to a sinking fund not exceeding 15% of the normal total budgeted expenses for maintenance/ replacement in that year. The sewer fees charged for expansion cost shall be deposited into a separate account and a record shall be kept to show payment date, person making payment and payment amount. The sewer BOARD holding office have the authority to withdraw sinking fund amounts only for the purpose of paying for major expenditures/PLANT expansion for which the fund was established.

SECTION 6.03- When sinking fund assets are not disbursed fully for major maintenance/replacement expenditures and/or PLANT expansion, excess money shall remain in the sinking fund for future related expenditures similar in nature. Revenues established for PLANT expansion dedicated funds may also be generated from connection/allocation fees paid by prospective users to defray and pay expansion costs.

### **ARTICLE 3** **Applications/Permits/Fees**

SECTION 1 - Applications for permits shall be made on forms established and provided by the BOARD.

SECTION 2 - Any false or misleading statement in any application for a permit shall invalidate the permit and shall be deemed a violation of this ORDINANCE.

SECTION 3 - Any permit issued by the BOARD may be suspended or revoked at any time by the BOARD for:

- a) Violation of any of the conditions of this ORDINANCE.
- b) Violation of the specific terms and conditions of the permit.
- c) Refusal to permit inspection by the BOARD or their duly authorized representatives.

SECTION 4 – If the BOARD revokes a permit as provided in Section 3 above, the suspension or revocation shall take effect immediately. Such action shall be confirmed in writing. When possible, the BOARD may provide a written notice to desist or make correction of any practice or operation which violates or contravenes the provisions or the purpose of this ORDINANCE or the permit and shall allow sufficient time for the correction of the violation.

SECTION 5 - All fees stipulated, or referred to, in the ORDINANCE shall be determined by the BOARD and identified *as Town of Fairfax Wastewater Schedule of Rates and Fees*. The Board may update the *Schedule* on an annual basis. The schedule may include information, such as: sewer charges, sewer use fees, connection fees; allocation fees; fee due date(s); and, application fees. All fees shall be made payable to the *Town of Fairfax* and paid directly to the Town Clerk's office.

SECTION 6- Funding for SEWERS Connection  
The municipality is not financially obligated to expand, extend, or connect the main sewers within and/or outside the sewer service area. **Any cost for sewer service area connection shall be borne in full by the owner.**

SECTION 6.01- The BOARD has the following option(s) for other cost recovery/ funding methods:

- a) At the Board's discretion, place a question for ballot vote to be approved/disapproved by Australian ballot.
- b) At the Board's discretion, if project can be funded within the existing sewer operating budget, or existing wastewater sinking fund balance, to be funded by the users.
- c) Any combination of options in this SECTION.

**ARTICLE 4**  
**Protection from Damage**

No person shall maliciously, willfully or negligently break, damage, destroy, uncover, deface or tamper with any structure, appurtenance, or equipment which is part of the public sewage disposal system. Any person violating this provision shall be subject to prosecution for unlawful mischief or such other offenses as are deemed appropriate.

**ARTICLE 5**  
**Powers and Authority of Inspectors**

SECTION 1 - The Superintendent and other duly authorized employees of the Town of Fairfax, bearing proper credentials and identification, shall be permitted to enter all properties for the purposes of inspection, observation, measurement, sampling and testing in accordance with the provisions of this ORDINANCE.

SECTION 2 - The Superintendent and other duly authorized employees of the Town of Fairfax bearing proper credentials and identification shall be permitted to enter all private properties through which the Town of Fairfax holds a duly negotiated easement for the purposes of, but not limited to, inspection, observation, measurement, sampling, repair and maintenance of any portion of the sewer works lying within said easement. All entry and subsequent work, if any on said easement, shall be done in full accordance with the terms of the duly negotiated easement pertaining to the private property involved.

**ARTICLE 6**  
**Penalties**

SECTION 1 - Any person found to be violating any provision of this ORDINANCE, except ARTICLE 4, shall be served by the BOARD with written notice stating the nature of the violation and providing a reasonable time limit for the satisfactory correction thereof. The offender shall, within the period of time stated in such notice, permanently cease the violation.

SECTION 2 - Any person who shall continue any violation beyond the time limit provided for in ARTICLE 6, SECTION 1, shall be guilty of a misdemeanor, and on conviction thereof shall be fined in the amount not exceeding (\$100.00) for each violation. Each day in which any such violation shall continue shall be deemed a separate offense.

SECTION 3 - Any person violating any of the provisions of this ordinance shall become liable to the Town of Fairfax for any expenses, loss or damage caused by such offense.

SECTION 4 - Notwithstanding any of the foregoing provisions, the Town of Fairfax may institute any appropriate action including injunction, or other proceeding to prevent, restrain or abate violations hereof, and any other legal and equitable relief to seek compensatory damages & compensation for other fees & expenses as provided in this Ordinance.

## **ARTICLE 7**

### **Validity**

SECTION 1 - All other rules and regulations in conflict with this ORDINANCE are hereby repealed. Sewer Capacity Allocation and Connection Ordinance, adopted 8/27/01, effective date 10/26/01 shall also be repealed.

SECTION 2 - Each SECTION or part of a SECTION in this ORDINANCE is hereby declared to be a separate and distinct enactment. If any SECTION or portion thereof in this ORDINANCE, as adopted, is found to be void, invalid, unconstitutional, inoperative or ineffective for any cause, it shall not affect the validity of any other SECTION or part thereof which can be given effect without such invalid part or parts.

SECTION 3 - These rules may be amended at any time by the Town of Fairfax as provided by law.

## **ARTICLE 8**

### **Special Conditions**

SECTION 1 – Any situation or special condition not covered by this ORDINANCE shall be addressed on an individual basis. All BOARD decisions will be final.

SECTION 2 – It is not the intent of this ORDINANCE to remove, void or in any way alter any previously issued allocations or hook-ups.

SECTION 3 – Any change in current use will require an application permit to be filled out for Board review.

**ARTICLE 9**  
**Ordinance in Force**

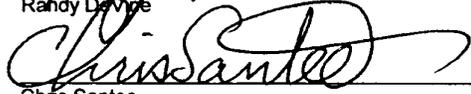
SECTION 1 - This ORDINANCE shall be in full force and effect from and after its passage, approval, recording and publication as provided by law.

SECTION 2 - Duly enacted and ordained by the Selectboard of the Town of Fairfax, Franklin County, State of Vermont, on the 12<sup>th</sup> day of July, 2012, at a duly called and duly held meeting of said BOARD. This ORDINANCE shall become effective sixty (60) days from the date hereof.

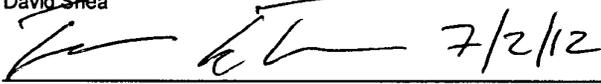
ATTESTED BY:   
Deborah Woodward, Town Clerk

 7/2/12 Chair  
Robert A. Horr

 Vice-Chair  
Randy DeWitt

  
Chris Santee

  
David Shea

 7/2/12  
Thomas Fontaine

Town of Fairfax Selectboard

## TOWN OF FAIRFAX

### WASTEWATER SCHEDULE OF RATES AND FEES

#### Rate Structure:

The rate structure is based on metered wastewater discharged into the system. Charges will be billed quarterly in January, April, July and October.

#### Charges for Sewer Services:

1. Sewer Charge: The Sewer Charge is for the Operating and Maintenance Cost of the wastewater collection, treatment and disposal system. Only connected users will be assessed the sewer charge based on usage.
2. Separate Sinking Fund / Set-Asides for Major Expenditures may be established based on equivalent users.
3. Any bond payment due is due regardless of usage.
4. Special Fees and Charges:
  - I. Sewer Allocation Application / Permit Fee: \$100
  - II. Final Allocation Application / Permit Fee:
    - a. Residential: \$1000
    - b. Non Residential: Flow base x \$5.00
  - III. Connection Fee:
    - a. Residential: \$1000 will be charged for each living unit connected to the Municipal system and will be billed for each unit as a unit; duplex \$2,000, triplex \$3,000.
    - b. Non Residential Connection Fee: Flow base x \$5.00
  - IV. Delinquency Charge: A late fee penalty charge of \$25.00 will be applied after the due date per the bill quarter.
  - V. Time Extension Fee: \$100. See Section 3.07.
  - VI. Conditional Use, See Section 3.03 (a): Flow base x \$5.00

# TOWN OF FAIRFAX

## SEWER ALLOCATION APPLICATION/PERMIT

<b>MUNICIPAL USE ONLY</b> No. _____ Date Received: _____ Signature: _____ Identity Verified _____ (Driver's license number)
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### RATES AND FEES:

	Residential	Non Residential
Application Fee:	\$100	\$100
Final Fee:	\$1000	Flow base x \$5
Connection Fee:	\$1000	Flow base x \$5
Time Extension Fee:	\$100	\$100
Conditional Use:		Flow base x \$5

### Applicant Information:

Date: \_\_\_\_\_ Phone Number: \_\_\_\_\_

Applicant: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Project Location: \_\_\_\_\_

Sewer use is for: ( ) A new connection ( ) Other \_\_\_\_\_

### Residential:

a) Number of living units by types: Single Family Homes: \_\_\_\_\_ Other: \_\_\_\_\_

b) Estimate of Flow: Use the Vermont Environmental Protection Rules effective August 16, 2002, Table 1,  
Design Flow: \_\_\_\_\_ gallons per day.

c) List volume, flow rate, strength and infiltration/inflow: \_\_\_\_\_

d) Total gallons per day requested: \_\_\_\_\_

### Non-Residential:

a) Description of Connection's Flow: Type: \_\_\_\_\_ Number of Units: \_\_\_\_\_

b) Estimate of Flow: Use the Vermont Environmental Protection Rules effective August 16, 2002, Table 1,  
Design Flow: \_\_\_\_\_ gallons per day.

c) List volume, flow rate, strength and infiltration/inflow: \_\_\_\_\_

d) Total gallons per day requested: \_\_\_\_\_

### General Information: *Special conditions may apply.*

- ✓ Preliminary approval of the requested allocation remains valid for two (2) years from the date of approval by the BOARD.
- ✓ The Applicant may not, by any means, transfer this approved preliminary allocation to any other person, or connect to the SEWERS.
- ✓ If a change in the original project creates the need for an increase in the allocation requested, the Applicant must reapply, and the revised project will be considered a new project.
- ✓ The BOARD may revoke this permit for failure of the Applicant to fulfill the requirements of the Preliminary Sewer Allocation/Permit approval.
- ✓ Submit application fee with this application. Make check payable to: *Town of Fairfax*

Signature of Owner/Applicant: \_\_\_\_\_ Date: \_\_\_\_\_

# From old Sewer Use Ordinance

§1-504

## Design Flow

- (f) For ~~potable water supplies that are non-public water supplies~~, design flows shall be determined using this section of the rules. For ~~potable water supplies that are public water supplies~~, design flow shall be determined in accord with Section 2.2 and ~~Table 1 of the Water Supply Rules~~. The design flow for a potable water supply may be different than wastewater design flows if the potable water supply is a public water supply. Note: In the event of a conflict between these rules and the Water Supply Rules, these rules shall govern if the potable water supply is not a public water supply.

Table 1

*water or wastewater?*

### Design Flow for Residential Units

- (a) The design flow for single family residential units shall be calculated on the following requirements:
- (1) The design flow for each person shall be 70 gallons per person per day;
  - (2) the first three bedrooms shall be assumed to have two persons per bedroom;
  - (3) each additional bedroom may be assumed to have one person per bedroom. When a building will be subject to rental use or when it is likely there will be extended or frequent high occupancy use, the system should be sized for at least 2 persons per bedroom; and
  - (4) the design flow for a single-family residence on its own individual lot shall be based on a minimum of three bedrooms.

**Note: Table 1 continues on the next page**

- (b) When five or more single family residential units are connected to a single soil-based disposal system, a designer may choose to use the following design flows that are based only on the number of residential units without regard for the number of bedrooms:

Number of Single Family Units	Project Design Flow
5 units	1575 gallons per day
6 units	1830 gallons per day
7 units	2065 gallons per day
8 units	2280 gallons per day
9 units	2565 gallons per day
10 units	2800 gallons per day
11 units	3036 gallons per day
12 units	3264 gallons per day
13 units	3484 gallons per day
14 units	3696 gallons per day
15 units	3900 gallons per day
16 units	4112 gallons per day
17 units	4369 gallons per day
18 units	4518 gallons per day
19 units	4712 gallons per day
20 units	4900 gallons per day
20+ units	# of units X 245 gallons per day

Note: Single family residential units with only one bedroom, such as condominiums and apartment buildings will not benefit from the use of the design flows listed above. Single family residential units, with two bedrooms each, will benefit from use of the table when 11 or more units are connected to a single soil-based disposal system.

Note: Wastewater disposal systems with a design capacity of 6500 GPD or more may also require an Indirect Discharge Permit.

~~Single family residential units connected to a wastewater disposal system with a design capacity of at least 50,000 gallons per day may use a design flow of 245 gallons per unit per day, regardless of the number of bedrooms.~~

Adopted Aug. 11 2002  
As brought before the  
Legis lecture

Campgrounds (also see camps)	Open 7 mo/yr Or Less	Open more than 7 mo/yr
Campgrounds that allow only tents and camping units with no interior plumbing  Central toilets and showers 4 people per site	75 gpd/site	100 gpd/site
Campgrounds that allow only tents and camping units with no interior plumbing  Central toilets without showers 4 people per site	60 gpd/site	75 gpd/site
Campground sites that allow camping units with interior plumbing  Served by central toilet facilities and dumping stations  Served by an individual sewer hook-up	50 gpd/site for central facilities plus 25 gpd/site for the dumping station  75 gpd/site	90 gpd/site for central facilities plus 35 gpd/site for the dumping station  125 gpd/site
Seasonal RV site with individual sewer hook-up  RV owned by the occupant  RV not owned by the occupant	75 gpd/site  125 gpd/site	125 gpd/site  175 gpd/site
Cabins with RV type plumbing  4 people per site	125 gpd/site	175 gpd/site
Cabins with conventional plumbing Minimum of 4 people per site  With or without kitchen  With or without kitchen but with laundry facilities	50 gpd/person  70 gpd/person	50 gpd/person  70 gpd/person

§1-504 Design Flow Table 1 continued

Campgrounds	Open 7 mo/yr Or Less	Open more than 7 mo/yr
Park Model RV		
For first bedroom	140 gpd/site	140 gpd/site
For additional bedrooms	100 gpd/site	140 gpd/site
Mobile home used as vacation facilities		
For first bedroom	140 gpd/site	140 gpd/site
For additional bedrooms	100 gpd/site	140 gpd/site

Table 1 continued

<u>OTHER ESTABLISHMENTS</u>	<u>GALLONS/PERSON/DAY<sup>a,b</sup></u> (unless otherwise noted)
Assembly Areas, Conference Room .....	5
Airports (per passenger) .....	5
Bathhouses and Swimming Pools .....	5
Bowling Alley (no food service)(per lane) .....	75
Cafeterias (per seat) .....	50
Camps: Construction camps (semi-permanent) .....	50
Day camps (no meals served) .....	15
Resort Camps (Night & Day) with limited plumbing ...	50
Churches: Sanctuary seating x 25% .....	5
Church suppers .....	8
Country Clubs (per resident member) .....	100
Country Clubs (per non-resident member present) .....	25

	<u>GALLONS/PERSON/DAY<sup>a,b</sup></u> unless otherwise noted
Day Care Centers:	
Without meals: .....	15
With one meal: . . . . .	20
With two meals: .....	25
Dentists:	
Staff Member .....	35
Per Chair .....	200
Doctor's Office:	
Staff Member .....	35
Patient.....	10
Room Rentals:	
Boarding Houses .....	50
Addition for non-resident boarders .....	10
Rooming Houses (per occupant bed space) .....	40
Factories (gallons per person, per shift, exclusive of industrial waste).....	15
Gyms:	
Per Participant.....	10
Spectator .....	3
Hairdressers:	
Operator .....	10
Per Chair .....	150
Hospitals (per bed space) .....	250
Hotels with Private Baths(per person sleeping space) <sup>c</sup> .....	50
Institutions other than hospitals (per bed).....	125
Laundries, self service (gallons per machine) .....	500

		<u>GALLONS/PERSON/DAY<sup>a,b</sup></u>
<b>Mobile Home Parks:</b>		
For wastewater systems serving 4 or fewer trailers (per space) .....		450
For wastewater systems serving 5 or more trailers (per space) .....		250
Motels with bath, toilet (per person sleeping space) <sup>c</sup> .....		50
Picnic Parks (toilet wastes only/picnicker) .....		5
Restaurants (toilet and kitchen wastes/seat, including restaurant and bar seats) .....		30
Additional per seat for restaurant serving 3 meals per day .....		15
Restaurants (fast food - see cafeterias) .....		50
<b>Schools:</b>		
Boarding .....		100
Day, without gyms, cafeterias, or showers .....		15
Day, with gyms, cafeterias, and showers .....		25
Day, with cafeteria, but without gyms or showers ...		20
Service Stations (first set of gas pumps) .....		500
(each set thereafter) .....		300
Sewer Line Infiltration (where applicable)	300 gal/in pipe/dia/mile/day	
<b>Shopping Centers/Stores:<sup>c</sup></b>		
Large Dry Goods .....	5 GPD/100 ft <sup>2</sup>	
Large Supermarkets with meat department without garbage grinder .....	7.5 GPD/100 ft <sup>2</sup>	
Large Supermarkets with meat department with garbage grinder .....	11 GPD/100 ft <sup>2</sup>	
Small Dry Good Stores (in shopping centers) .....	100 GPD/store	
<b>Theaters:</b>		
Movie (per auditorium seat) .....		5
Drive-in (per car space) .....		5

After calculation  
BFA's water  
usage it was  
determined that  
each student/st  
member uses  
3 1/2 Gals. Per  
per year (365)  
(2001-2002 Calu  
BFA  
5,500 Gall  
Ave. Used per d  
(1000)  
7,600 Gallons  
Ave used per d  
High  
Mean = 6,556  
975 users App.  
6.7 Gallons per  
person per day  
(including Caf, gym  
& showers)

Table 1 - continued

	<u>GALLONS/PERSON/DAY<sup>a,b</sup></u>
Veterinary Clinic (3 or less doctors):	
without animal boarding .....	750/clinic
with animal boarding .....	1,500/clinic
Workers:	
Construction (at semi-permanent camps) .....	50
Day at schools and offices (per shift) .....	15

Note: These rules change design flows for certain categories. It may be possible to add more residential or camping units to an existing potable water supply and/or wastewater system when the supply and/or system conform to current design requirements.

<sup>a</sup> Use eighty (80) percent of design flows for projects to be connected to a wastewater system with a design capacity of 50,000 gallons per day or greater. Note that this design flow reduction applies only to the wastewater flow and DOES NOT apply to a project's associated potable water supply design flows if the water supply is regulated as a public transient, non-transient, or community water supply.

<sup>b</sup> A 10% reduction in the design flow, except for single family residences and campgrounds, may be used when the plumbing includes standard water saving designs. Toilets must be 3.5 gallons per flush or less and showers and faucets must be 2 gallons per minute or less. This reduction does not apply to single family residences or campgrounds as those numbers have already been adjusted.

<sup>c</sup> Does not include laundry or restaurant waste.

Elderly housing may be calculated at 1.5 people per bedroom