

**CITY OF RUTLAND  
DEPARTMENT OF PUBLIC WORKS**

**WASTEWATER COLLECTION SYSTEM REGULATIONS**

Approved by Board of Aldermen June 4, 2007

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**1. AUTHORITY**

1.1 These Regulations are hereinafter given and duly made in accordance with the provisions of Section 24-4 of the Charter of the City of Rutland and Title 17 of the Rutland City Ordinances. Sections below refer to the City Ordinances are based on Title 17 revised on September 13, 1996 and are automatically updated to reflect any changes made in the future to Title 17.

## 2. PURPOSE

The following serves to outline city policy, interpretation and implementation of Title 17 of the Rutland City Ordinances.

## 3. DEFINITIONS

The following definitions serve as a supplement to the definitions found in Title 17, sections 3410 and 3451 of the City Ordinances.

- 3.1 ABANDONED SEWER SERVICE LINE. A sewer service line shall be considered abandoned when the building served by that line is demolished and no building or zoning permits for a building which would use the service line are pending; or, when a new sewer service line has been installed to serve a building and use of the old service line has been discontinued.
- 3.2 BACKWATER TRAP. A flap or float type device in drain body to prevent backflow of sewage or stormwater into the building.
- 3.3 COMMISSIONER. The Commissioner of Public Works, City of Rutland, Vermont, and/or his/her designated representative.
- 3.4 COMBINED SEWER. A sewer receiving both surface runoff and sewage.
- 3.5 DESIGN PROFESSIONAL. A Professional Engineer registered or licensed by the State of Vermont or site technician operating within the scope of his/her authorization.
- 3.6 FEE. A fee set by the Rutland City Board of Aldermen.
- 3.7 FORCEMAIN. Sewer main that transports sewage under positive pressure.
- 3.8 GROUNDWATER DISCHARGE. Groundwater that surfaces or is captured and routed through a storm sewer or sanitary sewer.
- 3.9 PARCEL. A portion of land owned by an entity as designated and described in a deed.
- 3.10 PERMITTEE. A person applying for or holding any of the permits described in these regulations.
- 3.11 PERSON. Any individual, partnership, public or private corporation, unincorporated organization, company, association, trust, State or Federal agency, municipality, or other entity.
- 3.12 PRIVATE SEWER MAIN. A private sewer main shall mean a sewer in which all owners of abutting properties have equal rights, and satisfies the following conditions:
  - Serves, either now or previously, two (2) or more buildings, and
  - Was installed solely at the expense of a person, group or organization other than the City of Rutland, and/or
  - Has an easement that allows a group or organization to access and maintain the pipe.
- 3.13 PUBLIC SEWER MAIN
  - A. A public sewer main shall mean a sewer in which all owners of abutting properties have equal rights, and serves, either now or previously, two (2) or more

buildings on different parcels, and satisfies one or more of the following conditions:

- Was installed solely at the expense of the City, and/or
- Has an existing easement as of March 14, 2007 that allows the City to access and maintain the pipe, and/or
- Is located within an accepted city street.

B. A public sewer shall also mean a sewer located on private property that serves either now or previously, two (2) or more buildings on different parcels that satisfies the following conditions:

- The sewer was installed prior to January 1, 1950 and
- There is an existing easement allowing the City to access and repair the sewer main or a letter of intent signed by the affected property owner(s) to convey an appropriate sewer easement to the City. Said letter of intent shall be in a form approved by the City Attorney.

C. At no time shall a forcemain be considered a sewer main unless it was installed at the sole expense of the City and is located in a city right of way or easement.

D. Nothing in this section shall limit the City's ability to enter into maintenance agreements to maintain Private Sewer Mains. Under no circumstance will a maintenance agreement or any easement associated with the maintenance agreement change a Private Sewer Main into a Public Sewer Main. All Private Sewer Mains with maintenance agreements will remain under private ownership.

3.14 SEWER CLEANOUT AND APPURTENANCE. A pipe that provides access to the sewer service used for inspection and cleaning.

3.15 SEWER SERVICE LINE. The sewer pipe from the sewer main to the building foundation, including all appurtenances. Where there is no foundation, the sewer service line shall run from the sewer main to the point where it goes into or under the building.

3.16 SEWER SYSTEM. All pipes, fittings, valves, pumps, and all appurtenances thereto which are physically connected to any pipes that ultimately discharge to the Rutland City Wastewater Treatment Facility.

#### 4. APPLICATION

4.1 These regulations apply to all parts of the Rutland City sewer system both within and outside of the Rutland City corporate limits.

4.2 These regulations apply to all parts of the Rutland City sewer system whether owned by the City of Rutland, another municipality or any other person.

#### 5. COMMISSIONER AS SUPERINTENDENT OF SEWER SYSTEM

The Commissioner of Public Works shall have the exclusive general management and supervision of the city sewer system. The Commissioner shall have the immediate supervision of all city property pertaining thereto. He/she may prepare and keep on file in his/her office as public record, such maps, plans and records as may be necessary to fully and properly show the location of all mains, sewer service lines, cleanouts, and

other fixtures in use by the Department of Public Works, and shall turn them over to his/her successor in office. The Commissioner of Public Works shall have any and all powers conferred by the Rutland City Charter or State or Federal Law or Regulation as such powers relate to the operation of a sewer system.

## 6. CONNECTIONS TO SEWER MAINS

### 6.1 Permit Required

No person shall install, replace, or repair any sewer service or other drain connected to a public sewer main or private sewer main, before a permit for such work has been issued by the Commissioner.

### 6.2 Performance of Work

All public and private sewer mains shall be tapped and the sewer service line installed from the main to the building only as approved by the City of Rutland prior to the start of such work. All work, including the tap of the main, will be done by the permittee or a hired contractor at the sole expense of the permittee.

### 6.3 Application for Permit/Fees

- A. Each application for a permit, with the required fees, shall be filed with the office of the Commissioner on a form furnished for that purpose.
- B. The required fees are:
  - (1) A PERMIT FEE to cover the administrative costs of processing the permit and;
  - (2) Cash Bond, said fee to be applied in the following manner:
    - (a) Where designee(s) authorized by the Commissioner and paid directly by the permittee perform the work, the cash bond will insure proper work and restoration of city property. Upon completion of the work to the satisfaction of the Commissioner, cash bond shall be refunded to the permittee. If the work is not completed satisfactorily to the Commissioner, s/he shall cause the work to be corrected as necessary, the cost of such correction to be paid from the cash bond with any excess refunded to the permittee and any additional costs billed to the permittee. A lien will be put on the property if additional billed costs are not paid within sixty (60) days of issuance of the bill.
    - (b) Contractors may be bonded by the City to perform such work so that their clients do not have to pay the cash bond. In order for a contractor to be bonded, they must pay twice the standard cash bond to the City. If the work is not completed satisfactorily to the Commissioner, s/he shall cause the work to be corrected as necessary, the cost of such correction to be

paid from the cash bond and any additional costs billed to the contractor. The contractor must replenish the cash bond with the city to the full value of twice the standard cash bond within sixty (60) days of notification, or the contractor will lose their bonded status to perform such work. The remainder of the cash bond will then be returned to the contractor. A list of bonded contractors will be made available at the Department of Public Works upon request.

- (c) The amount of the aforementioned fees shall be clearly noted on the permit application form.
  - (d) Where all of the work is to be done on the sewer service by the permittee on private property, the cash bond will not be required.
- (3) In order to determine the correctness of the work, two inspections must be made by the Commissioner. The first upon completion of the installation, but prior to covering the work. The second upon restoration of the disturbed area. It is the responsibility of the permittee to coordinate these inspections.
- C. If it is determined that a sewer main exists on the property applying for a permit, it must either be documented that there is an existing easement allowing the City to access and repair the sewer main or a signed letter of intent signed by the affected property owner to give such a sewer easement to the City in a form approved by the City Attorney must accompany the application. A copy of the letter will be furnished by the Office of the Commissioner.
  - D. If it is determined that the sewer service will connect to a public sewer main on private property other than the affected property, an easement from the property owner to connect to the sewer main must accompany the application.
  - E. The application for a new connection permit shall be accompanied by no fewer than two copies of a design sketch. This document shall be drawn to scale with sufficient clarity and detail to demonstrate compliance with the requirements of these regulations.
  - F. The Commissioner may reduce or waive the requirements for filing design sketch where the work involved is minor.

#### 6.4 Permit Issuance

The application, letter of intent of easement and other data submitted shall be reviewed by the Commissioner. If the Commissioner finds that the proposed work conforms to the requirements of these regulations, and that the required fee has been paid, a permit shall be issued. The Commissioner's decision will be made within 30 days of the receipt of all required documentation.

#### 6.5 Coordination with Other Authorities

The permit issued by the Commissioner shall only indicate compliance with these regulations. It does not indicate compliance with the permitting or other approval

processes of any other authority having jurisdiction over the work, such as Dig Safe, traffic control requirement, state permitting, zoning or subdivision regulations. It shall be the responsibility of the permittee to insure that all required permits and other approvals are obtained.

#### 6.6 Design Standards

Design and construction standards for a sewer service connection shall comply with these regulations and any special conditions as required by the Commissioner. The applicant is advised that the sewer service must also comply with the most recent versions of the Vermont Plumbing Rules and the State of Vermont Wastewater System and Potable Water Supply Rules.

#### 6.7 Work Commencing Before Permit Issuance

- A. Any person who commences any work on a connection to the Sewer System before obtaining the necessary permit as described herein shall be subject to a fee equal to four (4) times the usual permit fee in addition to the required permit fee.
- B. If, in the opinion of the Commissioner, such unpermitted work constitutes, or may constitute, a hazard to persons, property, or the sewer system or the City's ability to remain in compliance with state and federal wastewater regulations, additional action may be taken against that person, including but not limited to disconnection of the extension or addition and legal action.

### 7. EXTENSIONS OR ADDITIONS TO THE SEWER SYSTEM

#### 7.1 Responsibility

The City is not obligated to extend the sewer system to provide sewer service to any property within the city or outside of the city. When an extension or addition to the sewer system is required by any person other than the City, that person will be solely responsible for the extension or addition.

#### 7.2 Permit Required

No person shall attach any pipe or other appurtenance to any public or private sewer main, or make any alterations or extensions of, or additional to, the sewer service line on his or her property without first applying to the Commissioner for a permit to do so. No work shall be started until the application has been approved by the Commissioner and a permit issued.

#### 7.3 Application for Permit/Fees

- A. Each application for a permit, with the required fee, shall be filed with the Office of the Commissioner on a form furnished for that purpose.

- B. The application for a permit shall be accompanied by no fewer than two copies of design construction documents prepared by a Design Professional. These documents shall be drawn to scale with sufficient clarity and detail to demonstrate compliance with the requirements of these regulations and shall be under seal.
- C. The Commissioner may reduce or waive the requirements for filing Design Construction Documents where the work involved is minor.
- D. If it is determined that a public sewer main exists on private property, it must either be documented that there is an existing easement allowing the City to access and repair the sewer main or a signed letter of intent signed by the affected property owner to convey an appropriate sewer easement to the City in a form approved by the City Attorney must accompany the application. A copy of the letter will be furnished by the Office of the Commissioner.
- E. Any new sewer main constructed and to be taken over and/or maintained by the City upon completion or any time thereafter must provide easements to the City across all private property for future cleaning, maintenance, and replacement.

#### 7.4 Permit Issuance

- A. The application, design construction documents and other data submitted shall be reviewed by the Commissioner. If the Commissioner finds that the proposed work conforms to the requirements of these regulations, materials and construction methods are acceptable, and that the required fee has been paid, a permit shall be issued. The Commissioner's decision will be made within 60 days of the receipt of all required documentation.
- B. In cases where a state permit is required under the Vermont Environmental Protection Rules, a copy of the duly issued permit together with copies of the supporting documentation presented to the State in support of that permit application shall be submitted to the Commissioner for review prior to commencement of construction.
- C. When the Commissioner issues the permit, the approved design construction documents shall be stamped "APPROVED" and one copy retained, the other copies shall be returned to the permittee.

#### 7.5 Coordination with Other Authorities

The permit issued by the Commissioner shall only indicate compliance with these regulations. It does not indicate compliance with the permitting or other approval processes of any other authority having jurisdiction over the work, such as Dig Safe, traffic control requirement, state permitting, zoning or subdivision regulations. It shall be the responsibility of the permittee to insure that all required permits and other approvals are obtained.

#### 7.6 Design Standards

Design and construction standards for a sewer service connection shall comply with these regulations and any special conditions as required by the Commissioner. The

applicant is advised that the sewer service must also comply with the most recent versions of the Vermont Plumbing Rules and the State of Vermont Wastewater System and Potable Water Supply Rules.

### 7.7 Inspections

A design professional or his/her designated representative shall periodically observe the construction of the sewer system components to determine if the construction is in conformance with the approved design construction documents. All discrepancies shall be brought to the attention of the contractor for correction. Records shall be kept of all inspections.

### 7.8 As-Built Construction Documents

- A. A design professional shall submit two copies of a final report in writing to the Commissioner upon completion of the work, certifying as to whether or not the installation complies with the approved design construction documents. If the installation does not fully comply, the report shall clearly indicate the areas of non-compliance. Failure to comply with the approved design construction documents may result in disapproval of the work by the Commissioner.
- B. The above mentioned report shall be accompanied by two copies of "As-Built" construction documents, drawn to scale and certified by a design professional as to their correctness. These documents shall clearly show the materials and locations of all portions of the work together with measurements from permanent objects (e.g. building corners) to the major components of the installation and the depths or elevations of those components. Where depths are shown, they shall be from a permanent reference point, such as final grade. Where elevations are shown, they shall be referenced to a permanent, conveniently located benchmark which shall be clearly shown on the documents.

### 7.8 Approval

Upon receipt of two sets of "As-Built" construction documents satisfactory to the Commissioner and subject to any review and field inspections deemed necessary by the Commissioner, a Notice of Approval together with one set of the "As-Built" construction documents shall be provided to the permittee. No extension, addition to the sewer system or new sewer service shall be put into service before such approval is granted by the Commissioner.

## 8. SERVICE LINES

### 8.1 Permit Required

A permit as described in section 6 is required before starting any repair and/or replacement of the sewer service line, whether on public or private property. Where all of the work is to be done by the permittee on private property, the cash bond will not be

required. Except in cases of emergency, the permittee shall notify the Commissioner at least 7 days before the start of the work in order to allow ample time for the City to mark out its buried utilities, if any, in the area of the work. It shall be the responsibility of the permittee to coordinate with all other utilities or persons affected by the work and to provide the notification to "Dig-Safe" and/or other utility locating services as required by law, rule or other regulation(s). The City marks out only the utilities belonging to the City, typically sewer, water and storm sewer. The City does not mark out telephone, electric, cable TV or any other pipes, cables or conduits.

## 8.2 Service Line Requirements

- A. No more than one building shall be served by each sewer service line.
- B. Where specific portions of a single building are owned by different persons, (e.g. a condominium building) each portion shall be served by a separate sewer service connection. This requirement may be waived by the Commissioner in cases where, in his/her judgment, the installation of separate services is physically unfeasible, subject to the conditions cited in section 8.2 C.
- C. The requirements specified in section 8.2 B may be waived only when, in addition to meeting the physical unfeasibility requirement, a financially responsible organization exists (e.g. a Condominium Association) which will accept the responsibility for the maintenance of the sewer service and for the payment of all water and sewer charges which are based upon water use. In such cases, the bills will be sent directly to the responsible organization.
- D. Water and sewer usage bills are the responsibility of the owner of the property served and shall be sent to the property owner regardless of any agreement between landlord and tenant.

## 8.3 Installation

The service line shall be installed by the permittee at his or her expense.

## 8.4 Maintenance and Repair Responsibility

The City will be responsible for all maintenance and repair of the public sewer mains unless it is determined that another person, group or organization is responsible for damaging the sewer main. The City is not responsible for any maintenance and repair of the private sewer mains or sewer services unless it is determined that the City damaged said private sewer main or sewer service.

Before excavating and repairing a sewer within an accepted city street or a sewer right of way or easement, it should be determined who is responsible for the repair. If it is impossible to determine who is responsible without digging and inspecting the sewer system (i.e. the damage is in the vicinity of the sewer tap and it is possible that there is a problem with the main or a problem with the service) the City will excavate and determine the location of the problem. If it is determined that the sewer main is damaged, the City will complete the repair work at its own expense. If it is

determined that the sewer service is damaged, the property owner will be billed by the City for the work completed by city workers at the currently accepted billing rates. The property owner may be responsible for hiring a contractor to complete the repair work.

Sewer service lines from the main to the structure are the responsibility of the property owner. The City will neither perform nor pay for repairs or replacement unless other arrangements are made in writing with the City. Any work performed by the City on private property will have a guarantee period of 5 years.

## 9. ABANDONED SEWER SERVICE LINES

### 9.1 Disconnection Required

All abandoned sewer service connections shall be sealed from the sewer main. The work shall be done by and at the expense of the permittee.

### 9.2 Permit Required

The disconnection requires a permit from the Commissioner

#### 9.2 Application for Permit/Fees

- A. Each application for a permit, with the required fees, shall be filed with the Office of the Commissioner on a form furnished for that purpose.
- B. The required fee is:

A PERMIT FEE to cover the administrative costs of processing the permit.

## 10. INSPECTIONS

### 10.1 Right to Inspect

Any duly authorized employee or agent of the Rutland City Wastewater Department may, at reasonable hours and with proper notification, enter the premises of any person with a connection to the sewer system to inspect pipes, meters, fixtures, and other appurtenances which are used in connection with the sewer system and to inspect, repair or replace the meter. It shall be the duty of every person connected to the sewer system to answer inquiries made by the department or its agents in regard to the quantity, purposes and manner in which the sewer connection is used on the premises.

### 10.2 Failure to Allow Inspection

If any property owner shall refuse or fail to provide access and allow an inspection at a reasonable hour as described above, within seven days of a request to do so by the Commissioner, the billing procedure for that property will be changed to a schedule

account at 450 gallons per day per residence; and/or the usage considered to be the estimated usage as shown in the Vermont State Environmental Protection Rules for non-residential users, to be billed at the current metered rates for water, sewer, and sewer treatment.

## 11. METERS

### 11.1 Installation of Meter

- A. Each sewer service without a meter to measure corresponding water use, shall have a water meter installed on its water supply. The property owner shall provide an accessible, secure, front-free location for the water meter. In cases where such a location cannot be provided, sewer for that property will be billed at the sewer schedule rates.
- B. Water meters and necessary appurtenances shall be supplied and maintained by the City.
- C. It shall be the responsibility of the property owner to provide and install valves necessary to isolate the water meter before the water meter is installed. Either one or two interior valves will be required, depending upon the size of pipe and the complexity of the plumbing system.
- D. Each water meter shall be sealed by the Water Department.

### 11.2 Protection of Water Meter

It shall be the property owner's responsibility to protect the water meter from damage, including damage from freezing.

### 11.3 Tampering with or Obstructing Water Meter

- A. No person shall tamper with, bypass, remove the meter seal or any part of the meter itself or in any way injure any water meter or any of its appurtenances.
- B. No person shall construct or place anything in any manner to obstruct or hinder free access to any water meter or water meter register.
- C. The property owner shall be responsible for the protection of the water meter and its seal from tampering, removal or injury.

### 11.4 Penalty for Water Meter Tampering

- A. First offense: The account holder shall be billed a penalty in the amount of four times the historic average usage over the period of tampering at the current sewer and sewer treatment rates. In no case shall the period of tampering be considered as being less than one billing quarter.
- B. Additional offense: The billing procedure will be changed from a metered account to a schedule account with the number of occupants to be considered as being two times the number of bedrooms, in the case of a residence; and/or the usage considered to be the estimated usage as shown in the Vermont State

Environmental Protection Rules for nonresidential users to be billed at the current metered rates for sewer and sewer treatment.

## 12. SEWER MAINS AND APPURTENANCES – OPERATION, REPAIRS AND REPLACEMENT

The operation, repair, replacement and maintenance of all public sewer mains, manholes, and other appurtenances of the sewer system shall be done only by the City of Rutland or person as allowed by the Commissioner. The costs of such work on portions of the sewer system owned by the City of Rutland shall be paid by the City of Rutland. The costs of such work on portions of the sewer system owned by any other person shall be the responsibility of that person. Nothing herein shall prohibit the City of Rutland from recovering the costs of repairs or replacement and/or other damages resulting from the actions of any other person from that person in the same manner as sewer billings.

## 13. CONNECTIONS TO COMBINED SEWER

The connection of any storm water or groundwater drains, including, but not limited to catch basins, trench drains, roof drains, and sump pumps, to the sewer system is prohibited, and only in extreme circumstances will exceptions be made. Even if an exception is made, supplemental project may be required to reduce stress on the sewer system and wastewater treatment plant when a project will increase the load on the sewer system. This regulation is in compliance with City Ordinance, Title 17, Chapter 13, Sewage Collection and Treatment, City Ordinance, Title 17, Chapter 14, Sewer Discharge Capacity Allocation, City Ordinance, Title 17, Chapter 15, Sewers and Drains and Rutland City Stormwater/CSO Mitigation Policy.

## 14. GROUNDWATER REMEDIATION

The discharge being permitted must be part of a groundwater remediation or protection plan approved by the State of Vermont of Environmental Conservation. Evidence of such approval must be attached to this application. Additional details can be found in Policy Regarding: Discharge of Treated Groundwater to the Sanitary or Combined Sewer.

## 15. EMERGENCY RESPONSE

If emergency response is requested by a property owner for the services of the employees of the City of Rutland Department of Public Works, the City will perform all necessary work within its ability that does not jeopardize the health and safety of any person. The work will be billed at the standard rate of the Department of Public Works. In no way does the City accept responsibility of the cause of the emergency by performing such work. If it is determined that the City is responsible for the emergency, the property owner will not be billed for the emergency work completed by the City.

## 16. TAMPERING, ETC., WITH PROPERTY BELONGING TO CITY OF RUTLAND

No person shall damage, disturb, remove, or in any way injure any manhole, meter, pipe, tool, apparatus, fixture, building, machinery or fence belonging to the city water or wastewater department, nor place anything in such a manner as to obstruct or hinder free access to any manhole.

## 17. SEWER RATES/BILLING

### 17.1 Establishment of Sewer Rates

Under the terms of the Charter of the City of Rutland the Board of Aldermen establish rates to be paid for the use of sewer collected by the city sewer system.

### 17.2 Billing and Collection

Billing and collection procedures for sewer service shall be as described in the City Ordinances and as allowed by VSA Title 24, Chapter 129.

### 17.3 Estimated Bills

In cases where, for whatever reason, a reliable meter reading has not been obtained and an effort has been made by the meter reader to obtain such reading, an estimated billing for the quarter will be sent to the account holder. The estimated bill will be based upon the historical usage at the property in question and shall have the effect of an actual billing insofar as collection procedures are concerned.

### 17.4 Responsibility of Owners for Tenants

Property owners shall be responsible for the sewer rates of tenants. New tenants will not be entitled to service until all arrearages are paid.

### 17.5 Sewer Bills and Taxes and Tax Liens

Sewer bills shall be a tax and a lien on the real estate served, and may be collected in the same manner as other taxes of the city, and the owners of such real estate shall be subject to the same liabilities therefore as for other city taxes.

## 18. OTHER RULES AFFECTING CITY SEWER

Please refer to the City Ordinances cited in section 13, Connections to Combined Sewer regarding sewer service in the City of Rutland. The rules are the most current versions available at the time of printing of these wastewater collection regulations, however, the attached rules shall be updated automatically to the most current versions whenever they are modified.

## 19. OTHER PENALTIES

In addition to any enhanced billing authorized herein, the Board of Aldermen may, by ordinance, provide additional penalties for violation of any of the provisions of these regulations.

## 20. SEVERABILITY

The declaration of invalidity of any section, term or provision of these regulations shall not affect any other section, term or provision.

## **Appendix A**

### **Rutland City Stormwater/CSO Mitigation Policy**

Where a proposed development within an impaired watershed within Rutland City cannot reasonably comply with State Stormwater Regulations due to the unavailability of stormwater offsets, the developer may apply to discharge stormwater to the combined sewer system.

The proposed discharge must not increase the peak flows in the combined system since such an increase would increase the chance of a Combined Sewer Overflow (CSO). Therefore, the peak flow rate of any new stormwater runoff discharged to the combined system under this policy must be offset by a reduction of peak stormwater runoff from an existing discharge to the combined system such that the net peak discharge of both discharges combined is a reduction by at least 10% of the existing discharge. Peak discharges shall be calculated based upon the 2.6 inch/24 hour storm event. Such a discharge to the combined sewer system will be designated a Stormwater/CSO Mitigation.

Calculations and designs for a Stormwater/CSO Mitigation must be prepared by a Vermont registered professional engineer. The plan, its supporting calculations and other documentation shall be reviewed by the City and an independent consultant selected by and under contract with the City who is knowledgeable of the City's combined sewer system. The City will be reimbursed by the developer for the costs of such review. The independent consultant shall certify that the plan complies with this policy. Such certification shall be delivered to the City under the seal of a Vermont registered professional engineer with a copy to the developer. A copy of the certification shall be forwarded by the City to the Vermont Wastewater Management Division.

The design engineer must demonstrate and the independent reviewing consultant must concur that:

1. The peak flow rate to the Wastewater Treatment Facility (WWTF) attributable to stormwater from the new development and the modified structure(s) combined after implementation of the Mitigation Project will be a reduction by at least 10% of the pre-development peak stormwater flow rate of the existing structure(s) prior to modification.
2. Storm water peak flow rates over the 2.5 inch/24 hour design storm will not be designed to be discharged to the combined system.
3. The proposed shifting of flows will not cause an overload or increased overflows of the combined sewer system.
4. Where the new stormwater flow into the combined system is upstream of the existing discharge to the combined system that is to be reduced, the piping between the locations is in good condition with no significant obstructions or structural damage. This must be verified by internal TV inspections.

Compliance with this policy does not relieve the developer from its obligation to comply with any other Local, State or Federal rule or regulation.

Effective Date: November 1, 2005

Last Revision: None

## Appendix B

### Policy Regarding: Discharge of Treated Groundwater to the Sanitary or Combined Sewer

When, in the opinion of the Commissioner of Public Works, the discharge of treated groundwater to the sanitary or combined sewer system will not adversely affect the sewer system or the operation of the sewage treatment facility, or cause a hazard to the public or the sewer department personnel, he/she may allow such discharge subject to the following conditions:

1. The discharge shall be as part of a groundwater remediation or protection plan approved by the State of Vermont Department of Environmental Conservation.
2. The applicant shall state in writing:
  - The date of the start of discharge
  - The estimated quantity to be discharged (if known)
  - The expected average and the maximum rate of discharge
  - A brief description of the treatment process
  - The estimated duration of the discharge project.
  - Upon completion, the date of termination of the discharge
3. The results of all water quality analysis of the discharge shall be provided to the Commissioner on a timely basis.
4. The discharge shall be accurately metered at the applicant's expense and the volume of discharge reported to the Commissioner no less often than once every ninety (90) days. Access to the meter for inspection or reading shall be provided to the City Water Department when requested.
5. The following fees and charges shall be paid and are the responsibility of the property owner:
  - A Groundwater Discharge Connection Fee:  
\$100.00

The above fee shall be paid prior to any discharge and shall entitle the applicant to discharge up to 500 cubic feet (3,740 gallons) to the sanitary or combined sewer through the existing connection at the project site. If a new sewer connection is required, that connection shall be made and paid for as a regular new sewer connection. Any charges made for a new sewer connection shall be in addition to the above fee.

- For treated groundwater discharged in excess of 500 cubic feet (3,740 gallons):

\$0.005 per gallon to cover administrative, sewer collection and treatment costs.

Effective 8/6/1996