

- C. PVC push joints. Joints for PVC sewer pipe shall follow the manufacturer's recommendations, using properly designed couplings and rubber gaskets pursuant to the published information relating thereto and conforming to the applicable ASTM specification identified in § 94-45.

**§ 94-53. Connection of building lateral and street lateral; repair or replacement.**

A. Connection.

- (1) The connection of the building lateral to an existing street lateral shall be made at the property line. Except as provided under §§ 94-29 and 94-30, if a street lateral has not previously been provided, the street lateral will be constructed from the existing public sewer to the property line, by a drain layer approved by the Superintendent at the owner's expense. The street lateral shall be installed with a properly sealed and covered cleanout to grade located at the property line. The cleanout shall terminate in a metal box embedded in concrete.
- (2) The cost of constructing the street lateral from the existing public sewer to the property line shall be at the property owner's expense; all subsequent costs and expense incidental to the installation and connection of the building lateral shall also be borne by the owner.
- (3) The property owner shall indemnify the Village of Champlain from any loss or damage that may directly or indirectly be occasioned by the installation of the building lateral.
- (4) It shall be the responsibility of the property owner to maintain, repair or replace the building lateral, as needed.
- (5) The method of connection of the building lateral to the street lateral will be dependent upon the type of sewer pipe material and, in all cases, shall be approved by the Superintendent. After installation of the street lateral has been approved by the Superintendent, the new street lateral shall become the property of the Village of Champlain. Any subsequent repairs to the new street laterals shall be made by the Village of Champlain at the Village of Champlain's expense.

- B. Cleanout repair/replacement. If, in the judgment of the Superintendent, it is determined that a building lateral, without a property line cleanout, needs repair or replacement, the Village of Champlain may install a cleanout at the property line, at the property owner's expense, such that the street lateral can be maintained independently of the building lateral.

- C. Street lateral replacement; ownership. Any existing street lateral which, upon examination by the Superintendent, is determined to be in need of replacement will be replaced with a new street lateral with a property line cleanout. The replacement street lateral shall be constructed by a licensed plumber. The cost of constructing the replacement street lateral and cleanout shall be at the property owner's expense. Once the replacement street lateral and cleanout have been constructed and approved by the Superintendent, the new street lateral shall become the property of the Village of Champlain. Any repairs to new street laterals shall be made by the Village of Champlain at the Village of Champlain's expense.

**§ 94-54. Testing.**

The street lateral, building lateral or the combined lateral shall be tested for infiltration/exfiltration by:

- A. Any full pipe method described in § 94-33; or
- B. By a suitable joint method, with the prior written approval of the Superintendent.

**§ 94-55. Inspection and supervision of connection.**

- A. The applicant for the building lateral permit shall notify the Superintendent when the building lateral is ready for inspection and connection is to be made to the street lateral. The connection shall be made under the supervision of the Superintendent.
- B. The applicant for the street lateral permit shall notify the Superintendent when the street lateral is ready for inspection and connection is to be made to the main sewer. The connection shall be made under the supervision of the Superintendent.

**§ 94-56. Trench inspections.**

When trenches are excavated for the laying of building lateral pipes or for laying of street lateral pipes, such trenches shall be inspected by the Superintendent. Before the trenches are backfilled, the person performing such work shall notify the Superintendent when the laying of the building lateral is completed, and no backfilling of trenches shall begin until approval is obtained from the Superintendent.

**§ 94-57. Protection of excavations; restoration.**

All excavations for constructing building laterals shall be adequately protected with barricades and lights so as to protect the public from hazard. Streets, sidewalks, parkways and other public property disturbed, in the course of the work, shall be restored in a manner satisfactory to the Superintendent. When installation requires disturbance of paved public roads and shoulders, restoration shall involve backfilling to road grade. Shortly thereafter the Village of Champlain Department of Public Works (DPW) shall complete road and shoulder restoration to the Village of Champlain standards. The cost for such final road and shoulder restoration by the DPW shall be included with the fees paid with the application for the permit required in § 94-39.

**§ 94-58. Interior cleanout.**

An interior cleanout fitting shall be provided for each building lateral at a readily accessible location, preferably just inside the basement wall. The fitting shall contain a 90° branch with removable plug or test tee and so positioned that sewer cleaning equipment can be inserted herein to clean the building lateral. The cleanout diameter shall be no less than the building lateral diameter.

**§ 94-59. Costs to be borne by owner.**

All costs associated with the provisions of this Article shall be borne by the property owner unless specifically stated or agreed to be a cost borne by the Village of Champlain. The property owner shall indemnify the Village of Champlain from any loss or damage that may be directly or indirectly occasioned by the installation of the building and street laterals and connections and appurtenances.

**ARTICLE VII****Inflow****§ 94-60. New connections for inflow prohibited.**

No connections intended to discharge inflow shall be made to a sanitary sewer. Such prohibited connections include, but are not limited to, footing drains, roof leaders, roof drains, collar drains, stump pumps, catch basins, uncontaminated cooling water discharges or other sources of inflow.

**§ 94-61. Disconnection of certain existing inflow connections.**

For properties where separate storm sewers are available within 100 feet of the property line or where, in the judgment of the Superintendent, sufficient natural drainage is available, connections which contribute inflow of the sanitary sewers must be disconnected in a fashion approved by the Superintendent.

**§ 94-62. Reconnection of disconnected inflow source prohibited.**

It shall be a willful violation of this chapter for any reason to reconnect any inflow source which has been disconnected pursuant to this Article.

**§ 94-63. Determination of amount of inflow; charges.**

The Superintendent is enabled to take whatever action is necessary to determine the amount of inflow, including the requirement for installation of a control manhole. The property from which the inflow originated shall be billed for inflow according to Article XII; however, the Village of Champlain Board of Trustees may cause a surcharge at a rate not to exceed five times that for normal sewage volume charge.

**ARTICLE VIII****Trucked or Hauled Waste****§ 94-64. License required; application; dumping fee.**

- A. The discharge of trucked or hauled wastes into the Village of Champlain sewer system and public sewers tributary thereto will be permitted only with the written approval (license) of the Superintendent.

- B. Applicants for such license shall apply on a form provided by the Superintendent. These forms may require information such as vehicle specifications, vehicle license number, vehicle color, NYSDEC permits issued under 6 NYCRR 364, approximate annual septage volume expected, service area and any other information that the Superintendent may require to determine whether the trucked or hauled wastes could adversely impact the POTW. The application shall be accompanied by a fee prescribed by the Village Board of Trustees.
- C. The licensee of trucked or hauled wastes will also be charged a fee for each dumping, in accordance with Article XII. The dumping fee shall be paid prior to dumping.

**§ 94-65. Additional requirements; suspension or revocation of license.**

The applicant for a license to truck or haul wastes shall be the owner of the vehicle or vehicles to be used for such discharge. Any false or misleading statement, in any license application, shall be grounds for invalidating the license. All licenses, issued by the Superintendent, for this purpose, shall be for one year. The licensee shall also be duly permitted by the NYSDEC under 6 NYCRR 364 (364 permit). If, for any reason, the 364 permit is revoked, the 364 permit lapses or becomes invalid, then the license issued under this Article shall become invalid immediately. All acts performed in connection with the license shall be subject to the inspection and regulations, as established by the Superintendent, the terms and conditions of the license and all local and general laws, ordinances and regulations which are now or may come into effect, and such license may be suspended or revoked, at any time, by the Superintendent for willful, continued or persistent violation thereof.

**§ 94-66. Times and conditions of discharge.**

The Superintendent may require discharging at only certain locations within the POTW, and only at certain times, and on only certain days of the week or seasons of the year as shall be stated on said license or as may be relocated by the Superintendent, after appropriate notice. The time and conditions for permissible discharge shall be as set forth on the license or as may be revised by the Superintendent, after appropriate notice.

**§ 94-67. Approval of discharge required.**

Each discharge of trucked or hauled wastes shall be made only with the approval of the Superintendent. The Superintendent may require inspection, sampling and analysis of each load prior to the discharge of a load. Any extra costs associated with such inspection, sampling and analysis shall be paid by the licensee.

## ARTICLE IX

**Discharge Restrictions****§ 94-68. Compliance with the Act required.**

All users of the Village of Champlain POTW will comply with all standards and requirements of the Act and standards and requirements promulgated pursuant to the Act, including but not limited to 40 CFR 406 through 471.

**§ 94-69. General prohibitions.**

- A. No user shall contribute or cause to be contributed, in any manner or fashion, directly or indirectly, any pollutant or wastewater which will interfere with the operation or performance of the POTW. These general prohibitions apply to all such users of a POTW whether or not the user is subject to National Categorical Pretreatment Standards or any other national, state or local pretreatment standards or requirements.
- B. Without limiting the generality of the foregoing, a user may not contribute the following substances to the POTW:
- (1) Any solids, liquids or gases which, by reason of their nature or quantity, are or may be sufficient, either alone or by interaction with other substances, to cause a fire or an explosion or be injurious, in any way, to the POTW or to the operation of the POTW. At no time shall both of two successive readings on a flame-type explosion hazard meter, at the point of discharge into the system (or at any other point in the system) be more than 25% nor any single reading be more than 40% of the lower explosive limit (LEL) of the meter. Unless explicitly allowable by a written permit, prohibited materials include, but are not limited to, gasoline, kerosene, naphtha, benzene, toluene, xylene, ethers, alcohols, carbides, hydrides and sulfides and any other substance which the Village of Champlain, the state or the EPA has determined to be a fire hazard or hazard to the POTW.
  - (2) Solid or viscous substances which may cause obstruction to the flow in a sewer or otherwise interfere with the operation of the wastewater treatment facilities. Unless explicitly allowable by a written permit, such substances include, but are not limited to, grease, garbage with particles greater than 1/2 inch in any dimension, animal guts or tissues, paunch manure, bones, hair, hides or fleshings, entrails, whole blood, feathers, ashes, cinders, sand, spent lime, stone or marble dust, metal, glass, straw, shavings, grass clippings, rags, spent grains, spent hops, wastepaper, wood, plastics, gas, tar asphalt residues, residues from refining or processing fuel or lubricating oil, mud or glass or stone grinding or polishing wastes.
  - (3) Any wastewater having a pH less than 5.0 or greater than 10.0, unless the POTW was specifically designed to manage such wastewater, or wastewater having any other corrosive property capable of causing damage or hazard to structures, equipment and/or POTW personnel.
  - (4) Any wastewater containing toxic pollutants in sufficient quantity, either singly or by interaction with other pollutants (including heat), to injure or interfere with

any wastewater treatment process, constitute a hazard to humans or animals, create a toxic effect in the receiving waters of the POTW, or to exceed the limitation set forth in a categorical pretreatment standard. A toxic pollutant shall include, but not be limited to, any pollutant identified pursuant to Section 307(A) of the Act.

- (5) Any noxious or malodorous solids, liquids or gases which either singly or by interaction with other wastes are sufficient to create a public nuisance or a hazard to life or are sufficient to prevent entry into the sewers for their maintenance or repair.
- (6) Oils and grease. Any commercial, institutional or industrial wastes containing fats, waxes, grease or oils which become visible solids when the wastes are cooled to 10° C. [50° F.] any petroleum oil, nonbiodegradable cutting oil or products of mineral oil origin in excess of 100 mg/l or in amounts that will cause interference or pass-through.
- (7) Any wastewater which will cause interference or pass-through.
- (8) Any wastewater with objectionable color which is not removed in the treatment process, such as, but not limited to, dye wastes and vegetable tanning solutions.
- (9) Any solid, liquid, vapor or gas having a temperature higher than 65° C. [150° F.]; however, such materials shall not cause the POTW treatment plant influent temperature to be greater than 40° C. [104° F.]. The Superintendent reserves the right, in certain instances, to prohibit or limit the discharge of wastes whose maximum temperatures are lower than 65° C.
- (10) Unusual flow rate or concentration of wastes, constituting slugs, except by industrial wastewater permit.
- (11) Any wastewater containing any radioactive wastes except as approved by the Superintendent and in compliance with applicable state and federal regulations.
- (12) Any wastewater which causes a hazard to human life or which creates a public nuisance, either by itself or in combination, in any way, with other wastes.
- (13) Any wastewater with a closed cup flashpoint of less than 140° F. or 60° C. using the test methods specified in 40 CFR 261.21.
- (14) Any pollutants which result in the presence of toxic gases, vapors or fumes within the POTW in a quantity that may cause acute worker health and safety problems.

**§ 94-70. Concentration based limitations.**

No person shall discharge, directly or indirectly, into the POTW wastewater containing any of the following substances in concentrations exceeding those specified below on either a daily or an instantaneous basis, except by permit or as provided for in § 94-70. Concentration limits are applicable to wastewater effluents at the point just prior to discharge into the POTW (end of pipe to concentrations).

Substance <sup>1</sup>	Effluent Concentration Limit	
	Allowable Average Daily <sup>2</sup> (mg/l)	Allowable Maximum Instantaneous <sup>3</sup> (mg/l)
Aluminum	0.05	0.12
Antimony	0.12	0.29
Arsenic	0.005	0.01
Beryllium	0.05	0.13
Cadmium	0.001	0.002
Chlorine	0.25	0.50
Chromium (hex)	0.04	0.09
Chromium (tot)	0.09	0.24
Copper	0.04	0.10
Cyanide (complex)	0.12	0.31
Cyanide (free)	0.12	0.31
Iron	0.22	0.54
Lead	0.03	0.07
Manganese	0.08	0.19
Mercury	0.002	0.004
Molybdenum	0.01	0.03
Nickel	0.04	0.11
Phenols, total	0.11	0.26
Selenium	0.004	0.009
Silver	0.008	0.02
Sulfates	0.57	1.44
Sulfides	0.11	0.29
Zinc	0.15	0.37

**NOTES:**

<sup>1</sup> Except for chromium (hex), all concentrations listed for metallic substances shall be as total metal, which shall be defined as the value measured in a sample acidified to a pH value of two or less, without prior filtration.

<sup>2</sup> As determined on a composite sample taken from the user's daily discharge over a typical operational and/or production day.

**NOTES:**

<sup>3</sup> As determined on a grab sample taken from the user's discharge at any time during the daily operational and/or production period.

<sup>4</sup> Other substances which may be limited are:

- A. Antibiotics.
- B. Chemical compounds which, upon acidification, alkalization, oxidation or reduction, in the discharge or after admixture with wastewater and its components in the POTW, produce toxic, flammable or explosive compounds.
- C. Pesticides, including algicides, fungicides, herbicides, insecticides and rodenticides.
- D. Polyaromatic hydrocarbons.
- E. Variable pathogenic organisms from industrial processes or hospital procedures.

**§ 94-71. Mass discharge based limitations.**

- A. At no time shall the influent to the POTW contain quantities in excess of those specified below:

<b>Substance</b>	<b>Allowable Influent Loading Average Daily (pounds per day)</b>
Aluminum	0.25
Antimony	0.63
Arsenic	0.03
Beryllium	0.29
Cadmium	0.01
Chromium (hex)	0.21
Chromium (total)	0.52
Copper	0.22
Cyanide (complex)	0.66
Cyanide (free)	0.66
Iron	1.20
Lead	0.15
Mercury	0.01
Nickel	0.24
Phenols (total)	0.57

<b>Substance</b>	<b>Allowable Influent Loading Average</b>
	<b>Daily (pounds per day)</b>
Selenium	0.02
Silver	0.04
Zinc	0.79

B. Permits.

- (1) To assure that none of the above-noted limitations are violated, the Superintendent shall issue permits to significant industrial users limiting the discharge of the substances noted above. Each permit shall restrict the discharge from each significant industrial user to a portion of the total allowable influent loading. In determining what portion of the total of each substance that each significant industrial user shall be allowed to discharge, the Superintendent shall consider:
  - (a) The quantities of each substance that are uncontrollable because they occur naturally in wastewater.
  - (b) The quantities of each substance that are anthropogenic but are nonetheless uncontrollable.
  - (c) Historical discharge trends.
  - (d) Past pollution control efforts of each significant industrial user as compared to other significant industrial dischargers of the same substance.
  - (e) Potential for growth in the POTW service area.
  - (f) Potential for more restrictive regulatory requirements to be placed on the POTW discharge or sludge disposal or sludge reuse method.
  - (g) Treatability of the substance.
- (2) The Superintendent shall apply a minimum 15% safety factor to be protective of the POTW.

- C. Permits issued in accordance with this section may allow for discharges in excess of limitations set forth under § 94-69.

**§ 94-72. Modification of limitations.**

- A. Limitations on wastewater strength or mass discharge contained in this chapter may be supplemented with more stringent limitations when, in the opinion of the Superintendent:
- (1) The limitations in this chapter are not sufficient to protect the POTW;

- (2) The limitations in this chapter are not sufficient to enable the POTW treatment plant to comply with applicable water quality standards or the effluent limitations specified in the POTW's SPDES permit;
  - (3) The POTW sludge will be rendered unacceptable for disposal or reuse as the Village of Champlain desires, as a result of discharge of wastewaters at the above-prescribed concentration limitations;
  - (4) Municipal employees or the public will be endangered; or
  - (5) Air pollution and/or groundwater pollution will be caused.
- B. The limitations on wastewater strength or mass discharge shall be recalculated not less frequently than once every five years. The results of these calculations shall be reported to the Village of Champlain Board of Trustees. This chapter shall then be amended appropriately. Any issued industrial wastewater discharge permits, which have limitations, based directly on any limitations, which were changed, shall be revised and amended, as appropriate.

#### **§ 94-73. Dilution.**

- A. Except where expressly authorized to do so by any applicable pretreatment standard, no user shall ever increase the use of process water or, in any other way, attempt to dilute a discharge as a partial or complete substitute for adequate treatment to achieve compliance with a pretreatment standard.
- B. Dilution flow shall be considered to be inflow.

#### **§ 94-74. Grease, oil and sand interceptors.**

Grease, oil and sand interceptors shall be provided when, in the opinion of the Superintendent, they are necessary for the proper handling of wastewater containing excessive amounts of grease, flammable substances, sand or other harmful substances; except that such interceptors shall not be required for private living quarters or living units. All interceptors shall be of a type and capacity approved by the Superintendent and shall be so located to be easily accessible for cleaning and inspection. Such interceptors shall be inspected, cleaned and repaired regularly, as needed, by the owner, at his expense.

### ARTICLE X

#### **Discharge Permits and Pretreatment Requirements**

#### **§ 94-75. Wastewater discharge reports.**

As a means of determining compliance with this chapter, with applicable SPDES permit conditions and with applicable state and federal law, each industrial user shall be required to notify the Superintendent of any new or existing discharges to the POTW by submitting a completed Industrial Wastewater Survey (ICS) form and a completed Industrial Wastewater Survey (IWS) form to the Superintendent. The Superintendent may require any user discharging wastewater into the POTW to file wastewater discharge reports and to

supplement such reports as the Superintendent deems necessary. All information shall be furnished by the user in complete cooperation with the Superintendent.

**§ 94-76. Notification to industrial users of applicable requirements.**

The Superintendent shall, from time to time, notify each industrial user of applicable pretreatment standards and of other applicable requirements under Section 204(B) and Section 405 of the Clean Water Act and Subtitles C and D of RCRA.

**§ 94-77. Wastewater discharge permits required.**

- A. No significant industrial user shall discharge wastewater to the POTW without having a valid wastewater discharge permit, issued by the Superintendent. Significant industrial users shall comply fully with the terms and conditions of their permits in addition to the provisions of this chapter. Violation of a permit term or condition is deemed a violation of this chapter.
- B. All significant industrial users proposing to connect to or to discharge to the POTW shall obtain a wastewater discharge permit before connecting to or discharging to the POTW. Existing significant industrial users shall make application for a wastewater discharge permit within 30 days after the effective date of this chapter and shall obtain such a permit within 90 days after making application.
- C. The Superintendent may issue wastewater discharge permits to other industrial users of the POTW.
- D. The Village of Champlain does not have the authority to issue permits for the discharge of any wastewater to a storm sewer. This authority rests with the NYSDEC.

**§ 94-78. Application for wastewater discharge permits.**

- A. Industrial users required to obtain a wastewater discharge permit shall complete and file with the Superintendent an application in the form prescribed by the Village of Champlain. The application shall be accompanied by a fee, as set forth in § 94-123. In support of any application, the industrial user shall submit, in units and terms appropriate for evaluation, the following information:
  - (1) Name, address and location (if different from the address).
  - (2) SIC code of both the industry and any categorical processes.
  - (3) Wastewater constituents and characteristics including but not limited to those mentioned in Article IX of this chapter and which are limited in the appropriate categorical standard, as determined by a reliable analytical laboratory approved by the NYSDOH. Sampling and analysis shall be performed in accordance with standard methods.
  - (4) Time and duration of the discharge.

- (5) Average daily peak wastewater flow rates, including daily, monthly and seasonal variations, if any.
- (6) Site plans, floor plans, mechanical and plumbing plans and details to show all sewers, sewer connections and appurtenances.
- (7) Description of activities, facilities and plant processes on the premises, including all materials which are or could be discharged to the POTW.
- (8) Each product produced by type, amount, process or processes and rate of production.
- (9) Type and amount of raw materials processed (average and maximum per day).
- (10) Number and type of employees and hours of operation and proposed or actual hours of operation of the pretreatment system.
- (11) The nature and concentration of any pollutants in the discharge which are limited by any county, state or federal standards and a statement whether or not the standards are being met on a consistent basis and, if not, whether additional operation and maintenance (O&M) and/or additional pretreatment is required for the user to meet all applicable standards.
- (12) If additional pretreatment and/or O&M will be required to meet the standards, then the industrial user shall provide the shortest schedule to accomplish such additional treatment and/or O&M. The completion date in this schedule shall not be longer than the compliance date established for the applicable pretreatment standard. The following conditions shall apply to this schedule:
  - (a) The schedule shall contain progress increments in the form of dates for the commencement and completion of major events leading to the construction and operation of additional pretreatment required for the user to meet the applicable pretreatment standards (such events include hiring an engineer, completing preliminary plans, completing final plans, executing contracts for major components, commencing construction, completing construction, beginning operation and beginning routine operation).
  - (b) No increment referred to in Subsection A(12)(a) above shall exceed nine months nor shall the total compliance period exceed 18 months.
  - (c) No later than 14 calendar days following each date in the schedule and the final date for compliance, the user shall submit a progress report to the Superintendent including, as a minimum, whether or not it complied with the increment of progress to be met on such date and, if not, the date on which it expects to comply with this increment of progress, the reason for delay and the steps being taken by the user to return to the established schedule. In no event shall more than nine months elapse between such progress reports to the Superintendent.
- (13) Any other information as may be deemed by the Superintendent to be necessary to evaluate the permit application.

- B. The Superintendent will evaluate the data furnished by the industrial user and may require additional information. After evaluation and acceptance of the data furnished, the Village of Champlain may issue a wastewater discharge permit subject to terms and conditions provided herein.

**§ 94-79. Permit modifications.**

- A. Wastewater discharge permits may be modified by the Superintendent, upon 30 days' notice to the permittee, for just cause. Just cause shall include, but not be limited to:
- (1) Promulgation of an applicable National Categorical Pretreatment Standard.
  - (2) Revision of or a grant of a variance from such categorical standards pursuant to 40 CFR 403.13.
  - (3) Changes in general discharge prohibitions and local limits as per § 94-70 of this chapter.
  - (4) Changes in processes used by the permittee or changes in discharge volume or character.
  - (5) Changes in design or capability of any part of the POTW.
  - (6) Discovery that the permitted discharge causes or contributes to pass-through or interference.
  - (7) Changes in the nature and character of the sewage in the POTW as a result of other permitted discharges.
- B. Any changes or new conditions in the permit shall include a reasonable time schedule for compliance as set forth in § 94-78A(12)(a).

**§ 94-80. Permit conditions.**

Wastewater discharge permits shall be expressly subject to all the provisions of this chapter and all other applicable regulations, user charges and fees established by the Village of Champlain. Permits may contain the following:

- A. Limits on the average and maximum rate and time of discharge or requirements for flow regulation and equalization.
- B. Limits on the average and maximum wastewater constituents and characteristics, including concentration or mass discharge limits.
- C. The unit charge or schedule of user charges and fees for the management of the wastewater discharged to the POTW.
- D. Requirements for installation and maintenance (in safe condition) of inspection and sampling facilities.
- E. Specifications for monitoring programs which may include sampling locations, frequency of sampling, number, types and standards for tests and reporting schedules.