

The Pipeline

the official Dufresne Group newsletter

Vermont's New Combined Sewer Overflow Rule

Vermont's Agency of Natural Resources is in the process of revising the Combined Sewer Overflow (CSO) Policy that was written in 1990. Below is an outline of the general requirements of the 1990 CSO Policy and the proposed CSO Rule. Additional information on the specific requirements of the proposed CSO rule can be found on the Agency of Natural Resources Rules webpage at www.watershedmanagement.vt.gov/rulemaking/htm/rules.htm. Public comments on the proposed rule are due on March 31, 2016 at 4:30pm to julia.butzler@vermont.gov.



1990 CSO Policy	Proposed CSO Rule
<ul style="list-style-type: none"> Both versions apply to discharges that are the result of wet weather flows. 	
<ul style="list-style-type: none"> Discharge permits issued to municipalities with CSOs will contain conditions requiring compliance with the Vermont Water Quality Standards. For CSOs not in compliance, a compliance schedule in the form of a 1272 Order will be issued in conjunction with the permit. The compliance schedule will reflect the shortest reasonable time for correction of the CSO, which is consistent with State funding priorities. 	<ul style="list-style-type: none"> Discharge permits issued to municipalities with CSOs will contain conditions requiring compliance with technology-based and water quality-based requirements of State and Federal law including the Vermont Water Quality Standards. As a condition of a NPDES discharge permit if a municipality is not in compliance with the water quality-based requirements of State law, a 1272 order requiring the municipality to develop or update a Long Term Control Plan will be issued.
<ul style="list-style-type: none"> Minimum technology based limitations that all CSOs must meet include: <ul style="list-style-type: none"> Elimination of the CSO. If the CSO discharges to Class B waters, CSO elimination is required unless unreasonable and water can be reclassified from Class B to Class C. For CSOs approved to continue discharging: <ul style="list-style-type: none"> Proper O&M for sewage collection system; Treatment for control of solids and floatables; Maximum use of collection system for storage; Maximize flows to the wastewater treatment plant; Additional treatment as required by the Agency. 	<ul style="list-style-type: none"> Minimum technology-based requirements include: <ul style="list-style-type: none"> Proper O&M for sewage collection system; Treatment for control of solids and floatables; Maximum use of collection system for storage; Maximize flows to the wastewater treatment plant; Review and modification of pretreatment requirements to minimize CSO impacts; Establishment of pollution prevention programs; Public notification of CSOs and CSO impacts; Monitoring to effectively characterize CSO impacts and the efficacy of CSO controls; Prohibition of the connection of new sources of stormwater or wastewater to any Combined Sewer System (CSS) if it would result in an increase in flow to the CSS; Immediate notification to the Agency and local health officer of sewage back-ups or discharges onto the ground.
<ul style="list-style-type: none"> Minimum design flows for all minimum technology-based limitations are those flows generated by a 24 hour, 2.5 inch rainfall unless otherwise directed by the Agency. 	<ul style="list-style-type: none"> The Agency recommends that interim CSO controls be evaluated and designed based on the 5-year design storm as provided in the CSO rule for each CSO municipality.

Dufresne Group Major Sponsor of First Night Celebration in St. Johnsbury, VT

Dufresne Group continued its role as a major sponsor of the First Night® celebration in St. Johnsbury, Vermont. St. Johnsbury is one of only two Towns in Vermont that offer a first night celebration. Jay Sprout, President of First Night St. Johnsbury, indicated there were over 110 performances put on by over 200 artists. This year, shows started at 4 pm and continued to midnight, culminating in a fireworks display near the St. Johnsbury Academy Field House. One of the best shows was put on by the St. Johnsbury All Stars, a group of 20 talented high school and junior high musicians and singers. This group performed to a full house at Fuller Hall and received a standing ovation.

Dufresne Group has been a major sponsor of First Night St. Johnsbury for many years.

Andrea Day Attends PSMJ Emerging Leaders Workshop in Tampa, FL

Over the past decade, many firms have been focused on maintaining and building back their business rather than training staff to become the firm's future leaders. Although engineering design experience is very important to leading a successful engineering firm, leading an engineering firm involves much more than engineering.

Dufresne Group is in an ownership expansion program and providing training for key employees for leadership positions. On October 15 and 16, 2015, Andrea Day, our St. Johnsbury Office Manager, attended the PSMJ Emerging Leaders Workshop in Tampa, Florida. PSMJ Resources, Inc. provides training for the design and construction industries in strategic planning, managing, and marketing information. The Emerging Leaders Workshop was created in 2014 to develop the next generation of leaders so that firms maintain continuity with the future retirement of current firm principals.

Andrea found the workshop to be extremely informative and is already working with the staff at DG to implement all she learned.