

## 6.1.6.7 Monitoring and Reporting Requirements/Monitoring Conditions/ Requirements for Specific Waters/Metropolitan No-Discharge

### **Applicability:**

Discharge to metropolitan no-discharge streams is prohibited except as specified in the Water Quality Standards, 10 CSR 20-7.031(6). Metropolitan no-discharge streams are listed in Table F of the Water Quality Standards.

### **Content:**

Metropolitan no-discharge streams are protected from all discharges except uncontaminated cooling water, permitted storm water discharges and excess wet-weather bypasses that do not interfere with beneficial uses. Existing interim discharges may be allowed until interceptors are available or construction of outfalls to alternative receiving waters is feasible. Existing discharges include wastewater volumes up to the design capacity approved by the department prior to receiving stream designation as a metropolitan no-discharge. Additional facilities may be constructed to discharge to these waters only if they are intended to be interim facilities in accordance with a regional wastewater treatment plan approved by the department. All permits for discharges to metropolitan no-discharge streams are written to ensure compliance with the water quality standards.

The department will develop a wastewater and sludge sampling program based on design flow that shall require, at a minimum, one (1) wastewater sample per year for each twenty-five thousand (25,000) gpd of effluent, or fraction thereof, except that:

- Point sources that discharge less than five thousand (5,000) gpd may only be required to submit an annual report,
- Point sources that discharge more than 1.3 million gallons per day (mgd) will be required at a minimum to collect fifty-two (52) wastewater samples per year , and
- Sludge sampling will be established in the permit.

Sampling frequency shall be spread evenly throughout the discharge year. This means that a point source with a continuous discharge shall collect samples on a regular evenly spaced schedule, while point sources with seasonal discharges shall collect samples evenly spaced during the season of discharge.

Sample types shall be as follows:

- Samples collected from lagoons may be grab samples.
- Samples collected from mechanical plants shall be twenty-four (24) hour composite samples, unless otherwise specified in the permit, and
- Sludge samples will be grab samples unless otherwise specified in the operating permit.

The monitoring frequency and sample types stated above are minimum requirements. The permit writer shall establish monitoring frequencies and sampling types to fulfill the site-specific informational needs of the department. Appendix U of the Permits Manual outlines suggested monitoring frequencies and sampling types for consideration by the permit writer in situations

where it is believed that adequate site-specific information will not result from application of the minimum regulatory controls.

### **Legal References:**

*Code of State Regulations:*

[10 CSR 20-7.015\(5\)](#) Effluent Regulations - Metropolitan No-Discharge Streams Limitations

[10 CSR 20-7.031\(6\)](#) Water Quality Standards - Metropolitan No-Discharge Streams

### **Other Links:**

[Appendix U -](#)

### **Key Words:**

Outfall, permit, discharge, sample, monitoring, metropolitan no-discharge stream

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**Revised By:** Mark Osborn

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