

6.1.6.1 Monitoring and Reporting Requirements/Monitoring Conditions/Requirements for Specific Waters/Missouri and Mississippi Rivers

Applicability:

Monitoring requirements for all facilities that discharge directly to the Missouri and Mississippi Rivers.

Content:

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 fifty thousand (50,000) gallons per day (gpd) of effluent, or fraction thereof, except that:

- Point sources that discharge less than twenty-five thousand (25,000) gpd may only be required to submit an annual report,
- Point sources that discharge more than one (1) million gallons per day (mgd) will be required at a minimum to collect twenty (20) wastewater samples per year unless the applicant can show that the wastewater has a consistent quality, such as once through cooling water or mine de-watering, then the department may set less frequent sampling requirements, 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. Writer shall establish monitoring frequencies and sampling types to fulfill the site-specific informational needs of the department.

Legal References:

Code of State Regulations:

[10 CSR 7.015\(2\)\(D\)](#) Effluent Regulations - Effluent Limitations for the Missouri and Mississippi Rivers

Other Links:

[Appendix U -](#)

Key Words:

Monitoring, outfall, permit, discharge, sample, Missouri River, Mississippi River

Page ID: 6.1.6.1 Missouri and Mississippi Rivers

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