

5.5.6 Effluent Limits/Water Quality Based Effluent Limits/Effluent Limitations for Specific Waters/Lake Taneycomo

Applicability:

This information summarizes the maximum effluent limits for point sources, water contaminant sources and wastewater treatment facilities that discharge to Lake Taneycomo and the rivers and streams in its watershed. The key regulatory citation is 10 CSR 20-7.015(3)(E).

Content:

Facilities that discharge to Lake Taneycomo and its tributaries (between Table Rock Dam and Power Site Dam, and excluding the discharges from the dams) must not exceed 0.5 mg/l total phosphorus in their discharge as a monthly average. The total phosphorus limit is in addition to their other requirements for Class L2 Lakes stated in 10 CSR 20-7.015(3)(A) and (B) and for other waters stated in 10 CSR 20-7.015(8). The facilities must meet the total phosphorus limit in accordance with the provisions specified in 10 CSR 20-7.015(3)(E). However, facilities with a design flow of less than 22,500 gpd that were initially permitted prior to May 9, 1994 are exempt from this requirement unless the design capacity is increased. The department may allow the construction and operation of interim facilities without phosphorus control provided their discharges are connected to regional treatment facilities with phosphorus control not later than three (3) years after authorization. Discharges in the White River basin and outside of the area designated above for phosphorus limitations shall be monitored for phosphorus discharges, and the frequency of monitoring shall be the same as that for BOD₅ and TSS, but not less than annually. The department may reduce the frequency of monitoring if the monitoring data is sufficient for water quality planning purposes.

Legal References:

Missouri Clean Water Law, Chapter 644

[644.026\(8\), \(13\) and \(17\)](#)

Powers and duties of commission--rules, procedure.

[644.051.1\(3\) and .2](#)

Prohibited acts--permits required, when, fee--bond required of permit holders, when--permit application procedures--rulemaking--limitation on use of permit fee moneys.

Code of State Regulations:

[10 CSR 20-6.010\(1\)\(A\) and \(5\)\(A\)](#)

Construction and Operating Permits -
(1)(A) General - Permits Required for Point Sources
(5)(A) Operating Permits (OP) - Required

[10 CSR 20-7.015\(1\)\(A\)2 and \(3\)\(E\)](#)

Effluent Regulations -
(1)(A)2 - Designations of Waters of the States - Waters of the State Categories
(3)(E) Effluent Limitations for the Lakes and Reservoirs - Lake Taneycomo

[10 CSR 20-7.031\(4\), \(9\), and \(10\)](#)

Water Quality Standards
(4) Specific Criteria
(9) Monitoring, Analysis and Reporting
(10) Permittee compliance Timeframes

Other Links:

[5.1 Overview – Effluent Limits](#)

[5.5.4 Class L2 and L3 Lakes – Effluent Limits](#)

[6.1.6.6 Lake Taneycomo - Monitoring Requirements](#)

Modification Date: 11/04/2013