

### 5.4.3.1 Effluent Limits/Water Quality Based Effluent Limits/ TMDL and 303(d) Considerations/Contaminants of Concern

#### **Applicability:**

This topic provides an overview of the contaminants of concern used when deriving Water Quality Based Effluent Limits (WQBELs) for waters that are 303(d) listed and that have, will have, a Total Maximum Daily Load (TMDL) developed.

#### **Content:**

The Clean Water Act requires that the state identify those waters within its boundaries that are impaired and fail to meet State Water Quality Standards. Such waters are documented on the 303(d) list. Water bodies are considered to be impaired when the designated uses of the water body have been diminished or precluded by contaminants. The contaminants of concern are those that are the cause of impairment of the water body. The specific contaminants of concern for the impaired water body can be found on the current 303(d) list published by the department.

Procedures for deriving WQBELs for the contaminants of concern in NPDES permits for waters on the 303(d) list that have not had a TMDL developed can be found in topic 5.4.3.2.

Procedures for deriving WQBELs for the contaminants of concern in NPDES permits for waters on the 303(d) list that have had a TMDL developed can be found in topic 5.4.3.3.

#### **Legal References:**

*Code of State Regulations:*

[10 CSR 20-7.050](#) General Methodology for Development of Impaired Waters List

*United States Statutes*

[Federal Clean Water Act](#)

[Section 303\(d\)](#)

#### **Other Links:**

[Missouri 303\(d\) Streams and Lakes](#)

[5.4.3.2 Permit Limits before TMDL Completion](#)

[5.4.3.3 Permits Limits after TMDL Completion](#)

#### **Key Words:**

TMDL, 303(d), Contaminants of Concern, Water Quality Based Effluent Limits, contaminants, WQBEL

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