

US EPA & TMDLs



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Clean Water Act 303(d)

“To restore and maintain the chemical, physical, and biological integrity of the Nation's waters”

-Clean Water Act

- A Total Maximum Daily Load (TMDL):
- Calculates a value of the maximum amount of a pollutant that a body of water can receive while still meeting water quality

US EPA must ensure Clean Water Act Requirements are met.

TMDL Required Elements



- Identify the impairment, source of pollutants;
- Identify water quality based numeric targets;
- Set wasteload and load allocations that will protect designated beneficial uses for impaired waterbody
- Protect the waterbody's beneficial uses (recreation, boating, wildlife, human health).

Why have TMDLs?



- State's Impaired Waterbody CWA 303(d) List
- All 303(d) listed impaired waterbody must develop a TMDL



Challenges for Attaining TMDL Compliance

- Unclear expectation, goals, actions.
- Lack of robust monitoring plan and data.
- Lack of clear quantitative measures to evaluate load reduction or condition.
- Uncertain stakeholder process.

Collaborative Opportunities

- Be involved during the TMDL development phase; provide relevant data....
- Be involved in Implementation Plan
- 3rd Party TMDLs