

TMDLS

Total Maximum Daily Loads

Clean Water Act

- The purpose of the Clean Water Act is to restore and maintain the chemical, physical and biological integrity of the nations water.
- Section 303d
- Section 305b
- Section 319

Water Body Classification

- Class 1: Outstanding Waters
- Class 2: Waters Containing Game Fish
- Class 3: Waters Containing Non Game Fish
- Class 4: Do Not Support Fish, Includes all Intermittant and Ephemeral Waters
- Wetlands: Naturally inundated by surface or groundwater and the prevalence of vegetation typically adapted to saturated soils.
- Chapter 1: Water Quality Rules and Regulations

Water Body Designated Uses

WATER BODY DESIGNATED USES

Every Classification has Assigned Designated Uses

DESIGNATED USES	C L A S S			
	1	2	3	4
Agriculture	✓	✓	✓	✓
Protection & Propagation of Fish and Wildlife (Aquatic Life)	✓	✓	✓	✓*
Industry	✓	✓	✓	✓
Human Consumption	✓	✓		
Recreation	✓	✓	✓	✓
Scenic Value	✓	✓	✓	✓**

* Includes Wildlife watering only

** Does Not Include Docks, Piers, and other WQ Standards

If A Water Is Not Supporting Its Designated Uses

- The water must be listed on the states 303(d) list as impaired
- Each listed water body must be given a priority for TMDL development
- High Priority
- Medium Priority
- Low Priority

What Is A T.M.D.L. ?

- A Total Maximum Daily Load is the amount of pollutant which a stream can accept and still meet its designated uses.
- T.M.D.L.'s must be established for each pollutant which causes impairment to the water body
- T.M.D.L.'s include Waste Load Allocation (Point Source) + the Load Allocation (Non Point Source) + a margin of safety

Minimum Requirements Of A T.M.D.L.

- Application of a T.M.D.L will result in attaining water quality standards;
- The T.M.D.L. must have a quantified endpoint;
- The T.M.D.L. must have a quantified reduction rate;
- The T.M.D.L. must consider all significant sources of the pollutant;
- The T.M.D.L. must be supported by an appropriate level of technical analysis;

Minimum Requirements Of A T.M.D.L. cont...

- The T.M.D.L. must contain a margin of safety and consider seasonality;
- The T.M.D.L. must apportion responsibility for taking action; and
- The T.M.D.L. process must include public involvement or review.

Wyoming Option Watershed Plan In Lieu Of A TMDL

- Local control to correct water quality problems
- If a comprehensive watershed planning group that represent all stakeholder groups in the watershed is organized within 2 years of a listing:

The DEQ re-prioritizes the development of a TMDL to "Low"

The water is not removed from the 303(d) list of impaired waters.

Wyoming Option Watershed Plan In Lieu Of A TMDS cont...

The DEQ steps back and allows the local stakeholders to address the water quality issues.

If Progress is not shown or interest wains, DEQ will re-prioritize to original status and begin development of the TMDL.

