

# Water Quality Standards Implementation Plan – Permits

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Water Protection Program

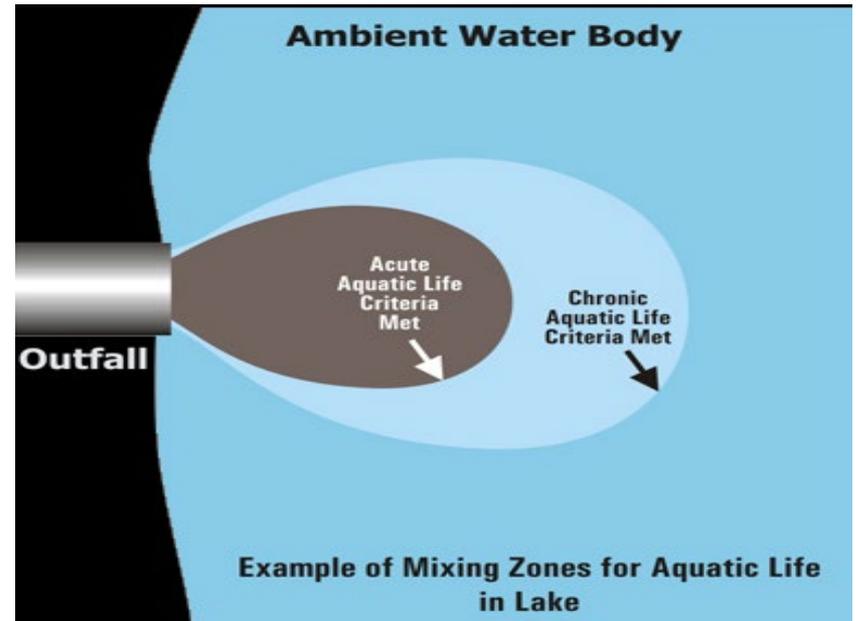
# Updates

- Mixing Zones and Zones of Initial Dilution
- Water Hardness
- General Criteria
- Chronic Cadmium

**UPDATE**

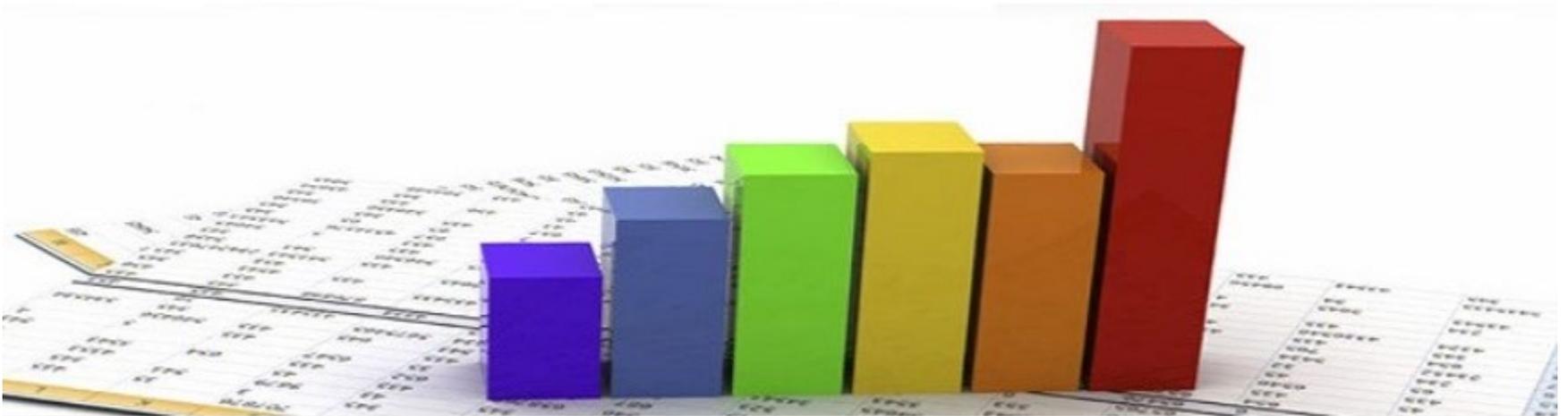
# Mixing Zone and Zone of Initial Dilution

- CORMIX ZID studies allowed now
- Watershed Protection Section



# Water Hardness

- Median
- Ecoregion



# General Criteria

- Downstream protections - States



# Cadmium Chronic Criteria

- Example
  - Hardness = 162 mg/L
    - Previous criteria = 0.3 µg/L
    - New criteria = 1.0 µg/L
  - Hardness = 250 mg/L
    - Previous criteria = 0.5 µg/L
    - New Criteria = 1.4 µg/L



# Questions