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
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