



# Biological Monitoring at Department of Ecology (Ecology)

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# How does Ecology protect and restore the integrity of our water resources?

- Environmental Assessment Program
  - Services Provided to Ecology Staff and External Colleagues:
    - Scientific
    - Monitoring
    - Laboratory
    - Quality Assurance
- Water Quality Program
  - Goals of Program
    - Prevent and clean up water pollution
    - Provide Technical, Financial, Educational Assistance

# How DOE Uses Biological Data

- Environmental Assessment Program Monitors:
  - Status and Trends of Watershed Health and Salmon Recovery
  - The Ambient Biological Baseline for streams in Washington State
  - Impacts of Forest Practices
  - Effectiveness of Restoration and Cleanup Projects, including TMDLs
  - Status of Invasive Species.
- Water Quality
  - Accepts biological data for the Water Quality Assessment (303d)
    - Macroinvertebrates
    - Listing and delisting
    - Data submitted and stored to EIM
  - Biological data may be included in permitting processes where applicable in the future.