

# Clean Water Monitoring

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Clark County Clean Water

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# Projects and Programs

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- **Lower Columbia Urban Streams (LCUS)**

- Regional monitoring-- permit requirement
  - Pay into fund to meet requirement
  - Ecology contracts with Clean Water to deliver the project for permittees
  - Habitat, invertebrates, stream stage, sediment

- **Wadeable Streams**

- Nine index stations; 42 rotating stations (5 year)
  - Water quality, temperature, invertebrates

- **Hydrology**

- Nine stream flow gages; Six rain gages

- **Microbial Source Tracking**

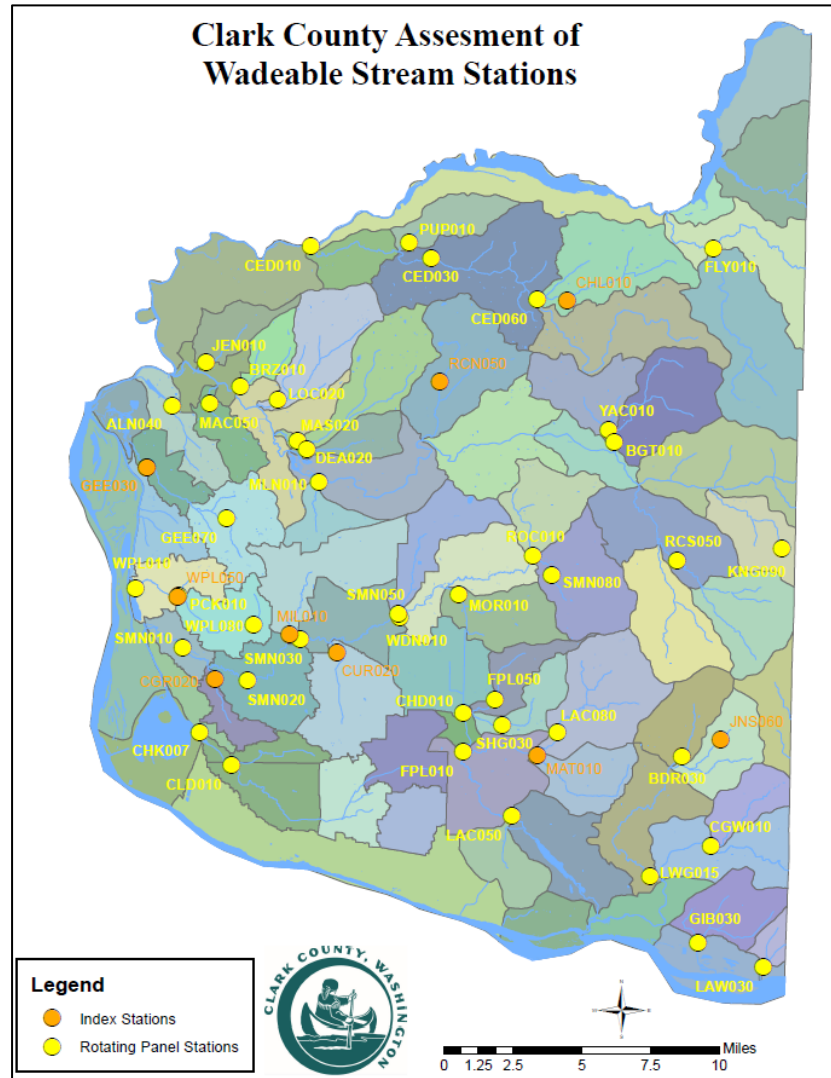
- Bacterial DNA – Pollution Identification and Control grants

- **Illicit Discharge Detection and Elimination**

- Permit requirement - screen an average of 12% of the storm system annually



# Wadeable Streams Assessment



# Data Uses

- Permit reports – LCUS and IDDE
- Stream Health Report
- State Water Cleanup Plan support
- Basin and capital planning
- Education/Outreach
- Hydrology and hydraulic models: input, calibration, and verification
- Long term trends
- Pollution source identification and removal
- Data used by agencies, consultants, partner groups (e.g. CCD), volunteers (e.g. Lacamas Watershed Council)

