# Proposed Streamflow Gaging for 6 Upper Chehalis Tributaries to occur July 2015- June 2017

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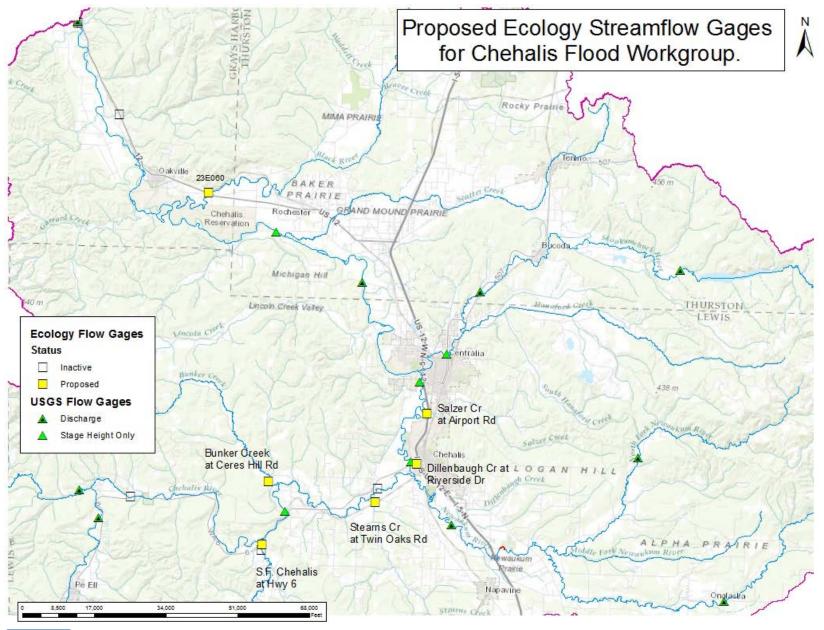


Ecology's water quality tasks to support evaluation of flood control structures/activities in the Upper Chehalis
Watershed

#### Monitoring Objectives

- Fill in existing data gaps to evaluate water quality effects of the proposed dam
- To gage 6 currently unmeasured tributaries to the Upper Chehalis River
- To collect continuous WQ data at those stations







### Stream Gage Locations

- South Fork Chehalis River at Hwy 6
- Bunker Creek at Ceres Hill Road
- Stearns Creek at Twin Oaks Road
- 4. Dillenbaugh Creek at Riverside Drive
- 5. Salzer Creek at Airport Road
- 6. Black River at Hwy12



#### Streamflow Gages

- Telemetry style gages
- Real-time data available on the web
- Hoping for reasonable level of accuracy (not great, but not terrible)





#### Water Quality Data Collection

- WQ Sondes co-located with streamflow gages
- Parameters include:
  - Dissolved Oxygen
  - -Temperature
  - -pH
  - Conductivity



#### **Current Status**

- •Funding is in all 3 legislative budget proposals; this task will move forward
- Beginning to work on permitting and permissions for all 6 locations

