

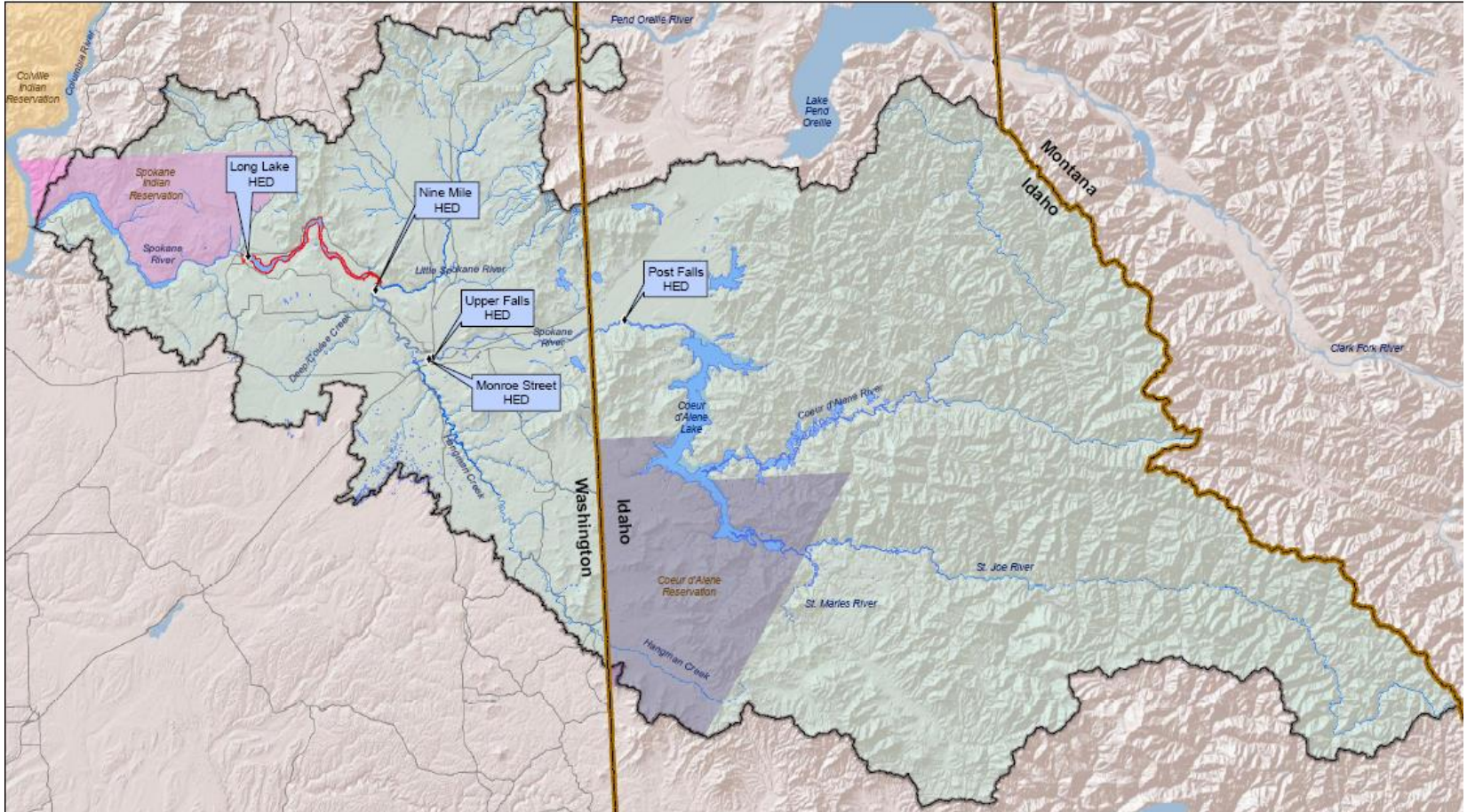


Lake Spokane Water Quality and Fisheries Update

Presented by: Meghan Lunney

May 24, 2016

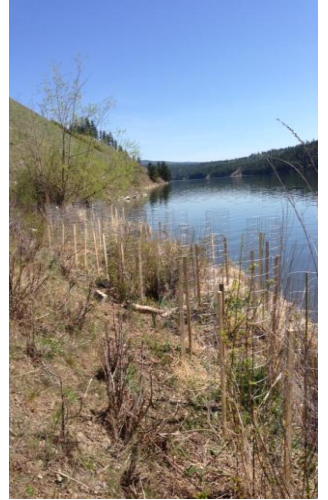
Spokane River Watershed



Lake Spokane DO WQAP

Working to reduce phosphorus in Lake Spokane:

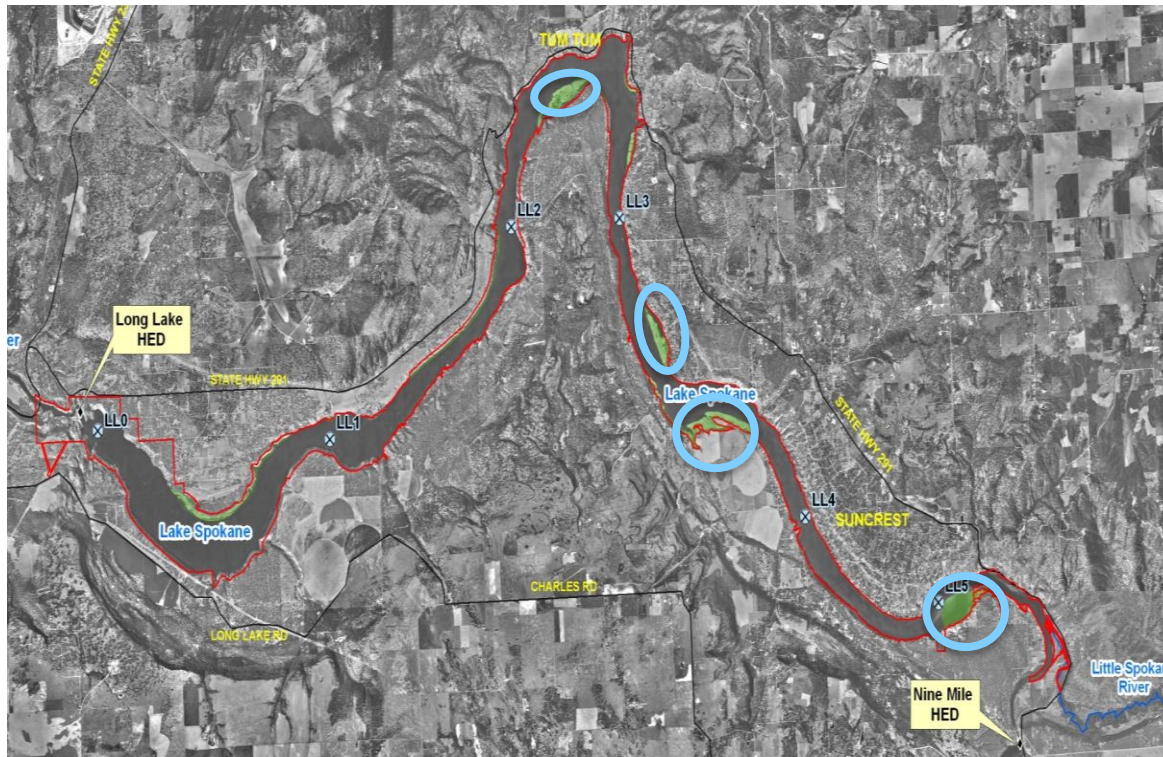
- Monitor water quality
- Replace developed shorelines with more naturalized ones
- Protect Avista shoreline property
- Planning carp reduction
- Tree Planting



Lake Spokane DO WQAP

Carp Removal Pilot Study

- Partnering with WDFW & UI
- Electrofishing & Gill Netting
- June 2016



Rainbow Trout Stocking



- Stock rainbow trout in:
 - Upper Falls Reservoir – 6,000
 - Nine Mile Reservoir – 9,000
 - Lake Spokane – 155,000
- Creel survey in 2016

Aquatic Weed Management



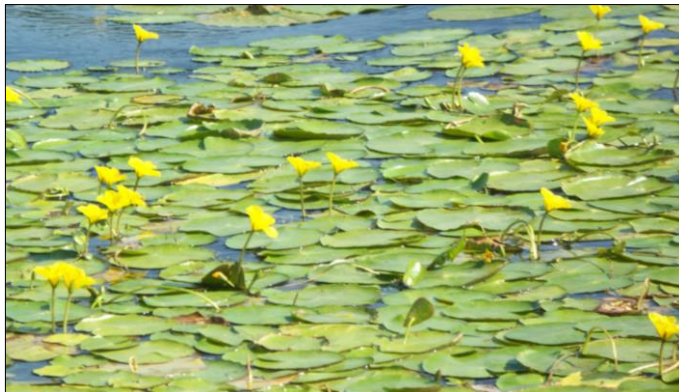
Curly-Leaf Pondweed



Flowering Rush



Fragrant Lilly



Yellow Floating Heart



Eurasian
Watermilfoil

Hangman Creek Wetland Restoration



Sacheen Springs Wetlands

Purchased and protected the 109 acre Sacheen Springs Wetland area on the West Branch of the Little Spokane River.



Little Spokane River Wetland Restoration Project - Before and After

- Partnered with WSPRC
- Herbicide application on 4 acres of YFI & PL
- Planted 400 trees and shrubs



Recreation Improvements



- Nine Mile Dam Take-Out
- Centennial Trail Extension
- Ten Boat-in-Only Campsites
- Lake Spokane Campground
- Long Lake Dam Overlook
- Long Lake Dam Picnic Area



Long Lake Dam Spillway Modification



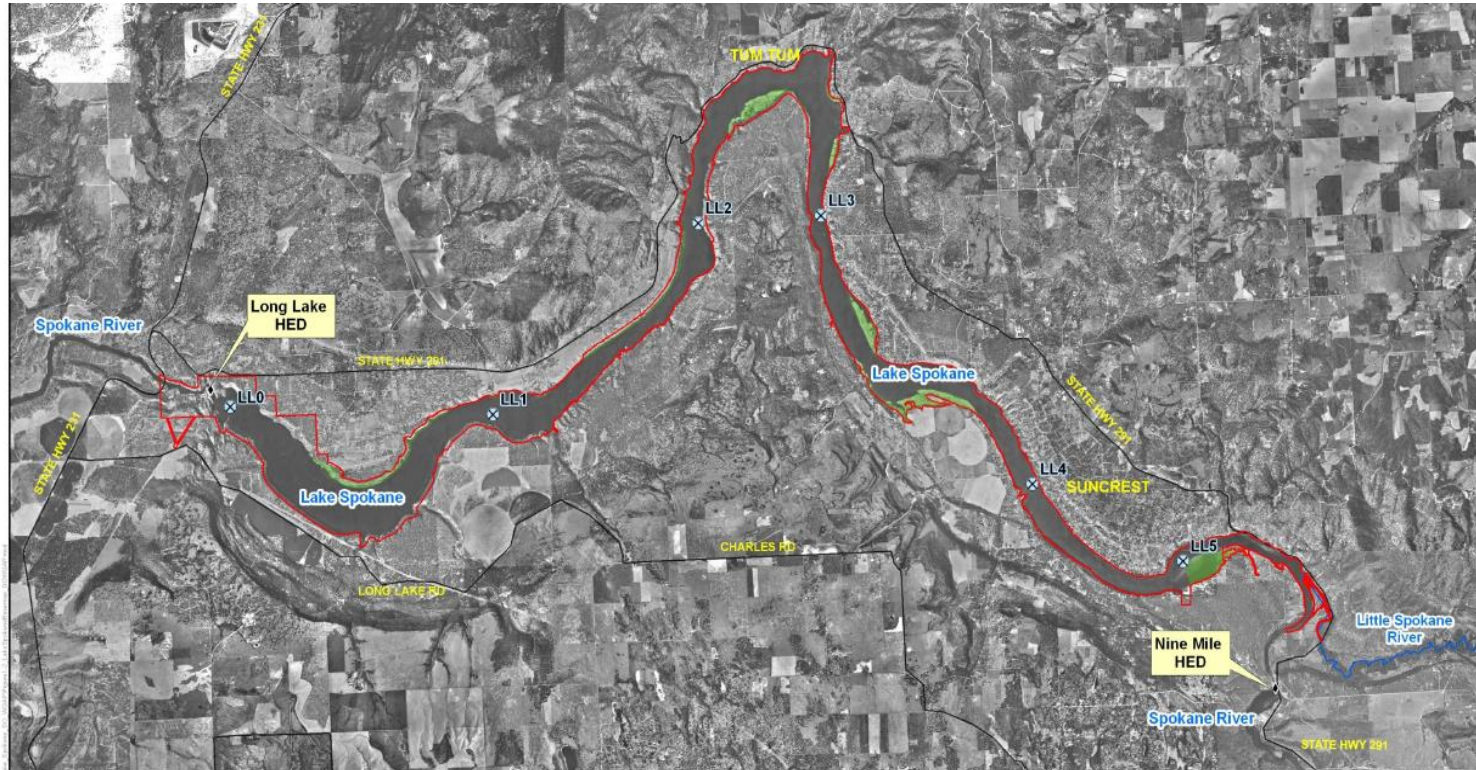
Long Lake Dam – Tailrace Dissolved Oxygen





Lake Spokane Nutrient Monitoring

May – October
Stations: LL5 – LL0



Water Clarity Indicators

- Chlorophyll-a
- Secchi Disk Depth
- Algae bloom