

Burnt Bridge Creek TMDL Update for VLWP

Tonnie Cummings
Department of Ecology
February 18, 2008

Water Cleanup Plan Process and Timeline

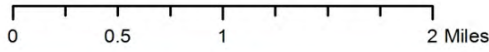
- May 2008 → December 2010 - Ecology conducts study and modeling to determine how much pollution reduction is needed
- 2011 - Ecology and stakeholders develop a cleanup strategy
- 2012 - Ecology and stakeholders develop a detailed list of cleanup actions (who, what, when, where)
- 2013+ - Follow up to determine if strategy is working and make adjustments as needed

Ecology Study

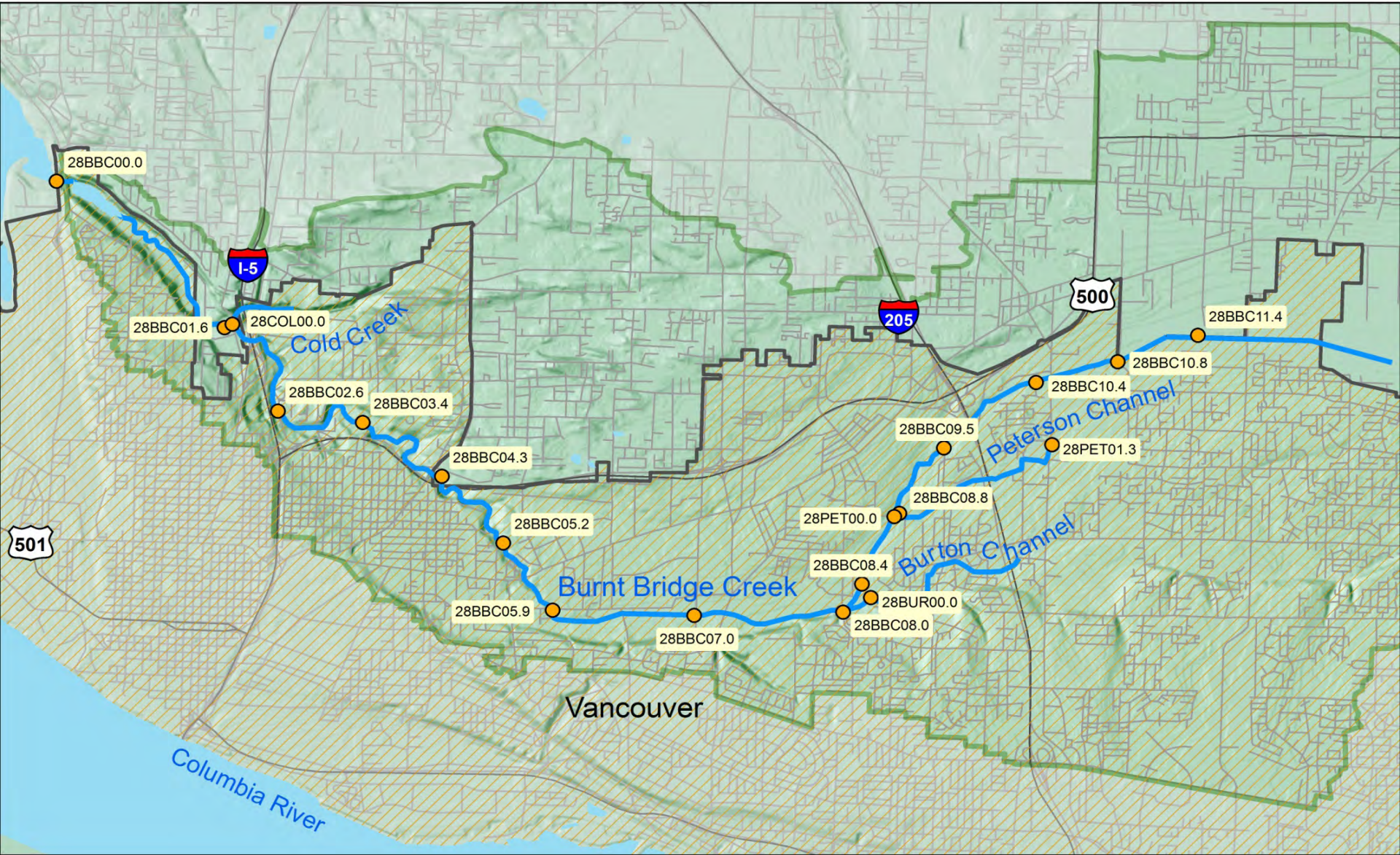
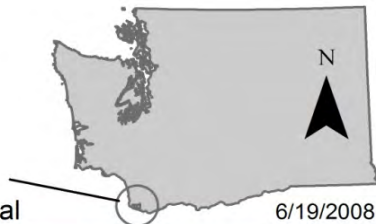
- Nineteen monitoring sites established May 2008
- Parameters
 - Surface water - temperature, pH, dissolved oxygen, conductivity, fecal coliform, nutrients, flow
 - Groundwater - temperature, pH, dissolved oxygen, conductivity, fecal coliform, nutrients, inputs/outputs
 - Air – wind speed and direction, temperature, relative humidity
 - Other – effective solar radiation, riparian vegetation height and density, channel width and depth, dry and wet season storm events, periphyton
- Sampling will end August 2009

Burnt Bridge Creek TMDL Proposed Fixed-Network Monitoring Sites

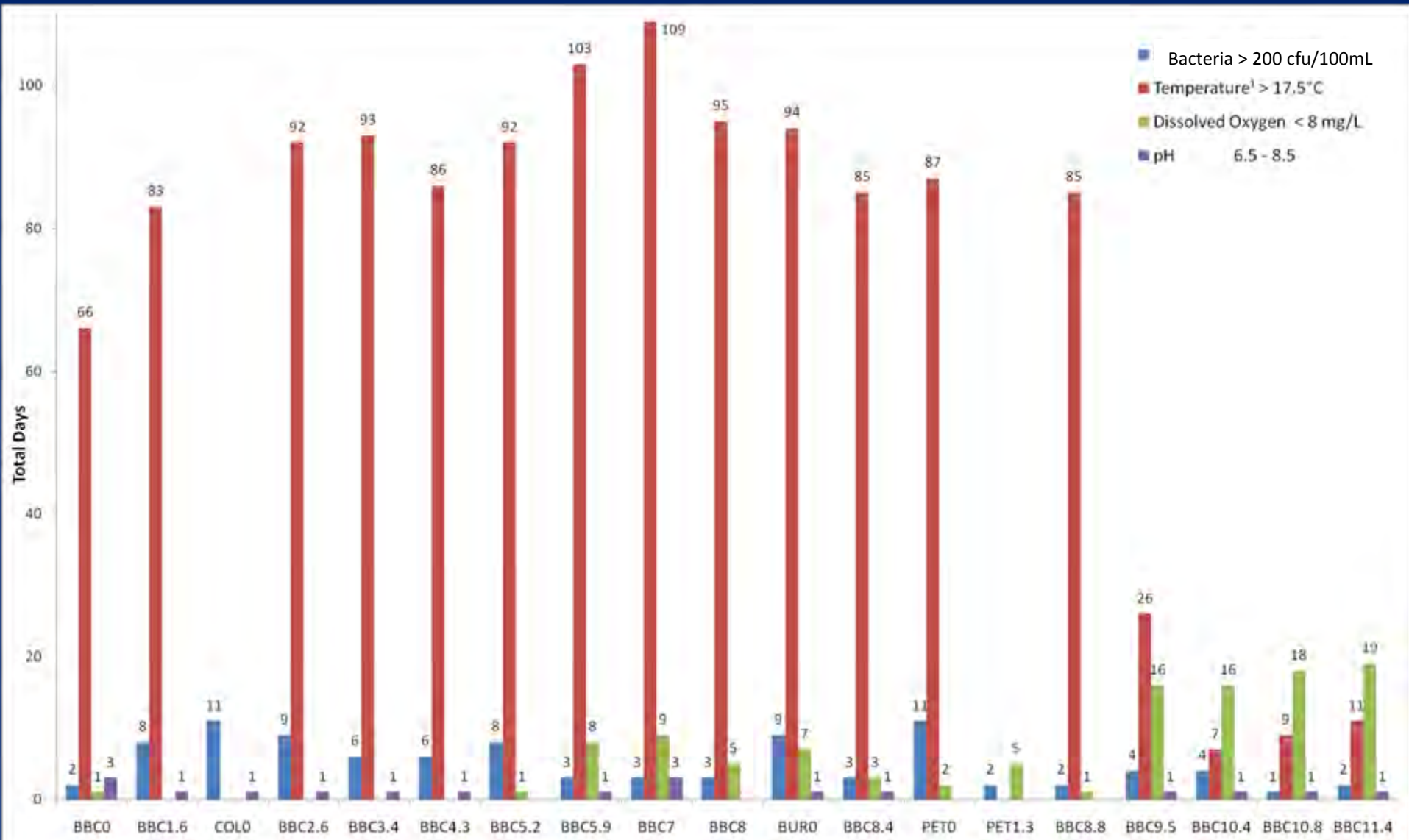
- Monitoring Sites
- Creeks
- Vancouver City limits



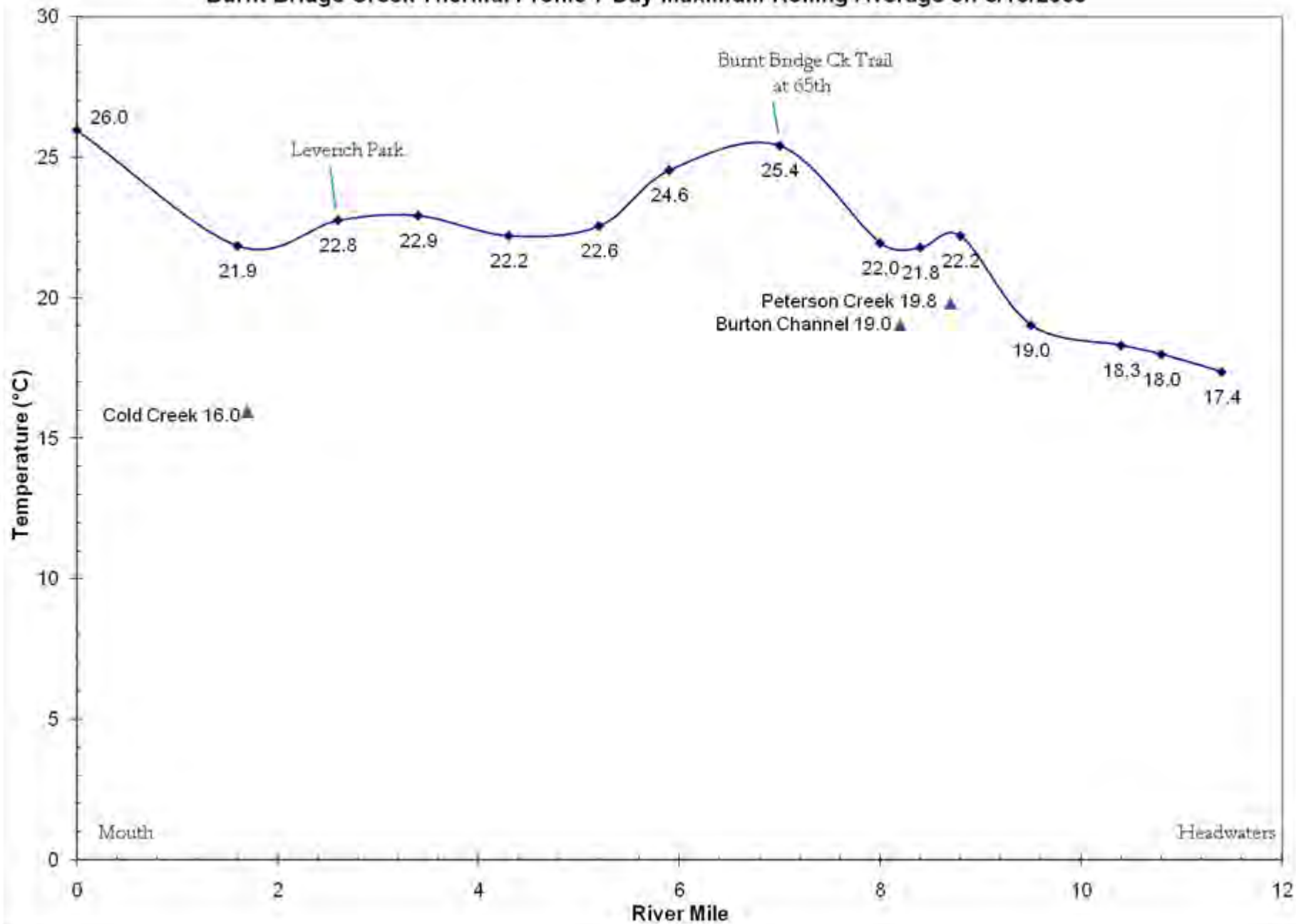
Study Area in WRIA 28
Salmon-Washougal



Number of Exceedances (May 2008 - January 2009)



Burnt Bridge Creek Thermal Profile 7 Day Maximum Rolling Average on 8/15/2008



Additional Information

Contact:

Tonnie Cummings

360.690.4664

tcum461@ecy.wa.gov

Ecology's Burnt Bridge Creek TMDL website:

http://www.ecy.wa.gov/programs/wq/tmdl/burnt_bridge/burnt_br-tmdl.html