Levees and Vegetation

April 4, 2012 Workshop

Puget Sound Partnership

King County

KING COUNTY FLOOD CONTROL DISTRICT

Adopted Flood Plan Goals

1. Reduce the risks from flood and channel migration hazards
2. Avoid or minimize the environmental impacts of flood hazard management
3. Reduce the long-term costs of flood hazard management

Desimone Levee Repair, 2002
Rock and large wood below OHW
Biodegradable fabric protects rest of bank
until vegetation is well established

Adopted Flood Plan Policy

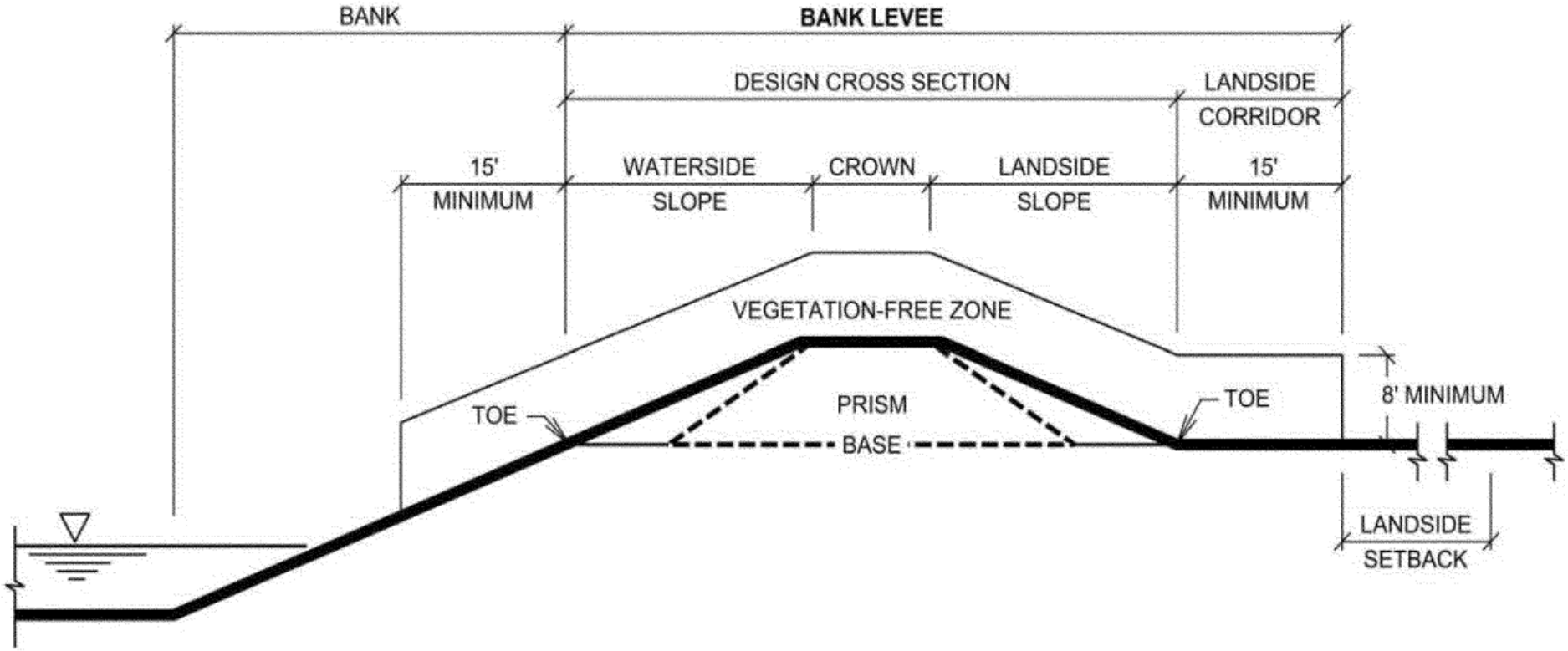
King County shall protect flood storage, conveyance, and ecological values of floodplains, wetlands, and riparian corridors and, when feasible, should enhance or restore these ecological functions and values. Flood risk reduction strategies and projects should be coordinated on a river-reach scale with the salmon habitat recovery plans.

Policy G-10

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS
441 G STREET NW
WASHINGTON, D.C. 20314-1000

CECW-CE

SUBJECT: Policy Guidance Letter (PGL) – Process for Requesting a Variance from Vegetation Standards for Levees and Floodwalls



Green River TMDL (Ecology, June 2011)

Green River
Temperature
Total Maximum Daily Load

Water Quality Improvement R

June 2011
Publication No. 11-10-046

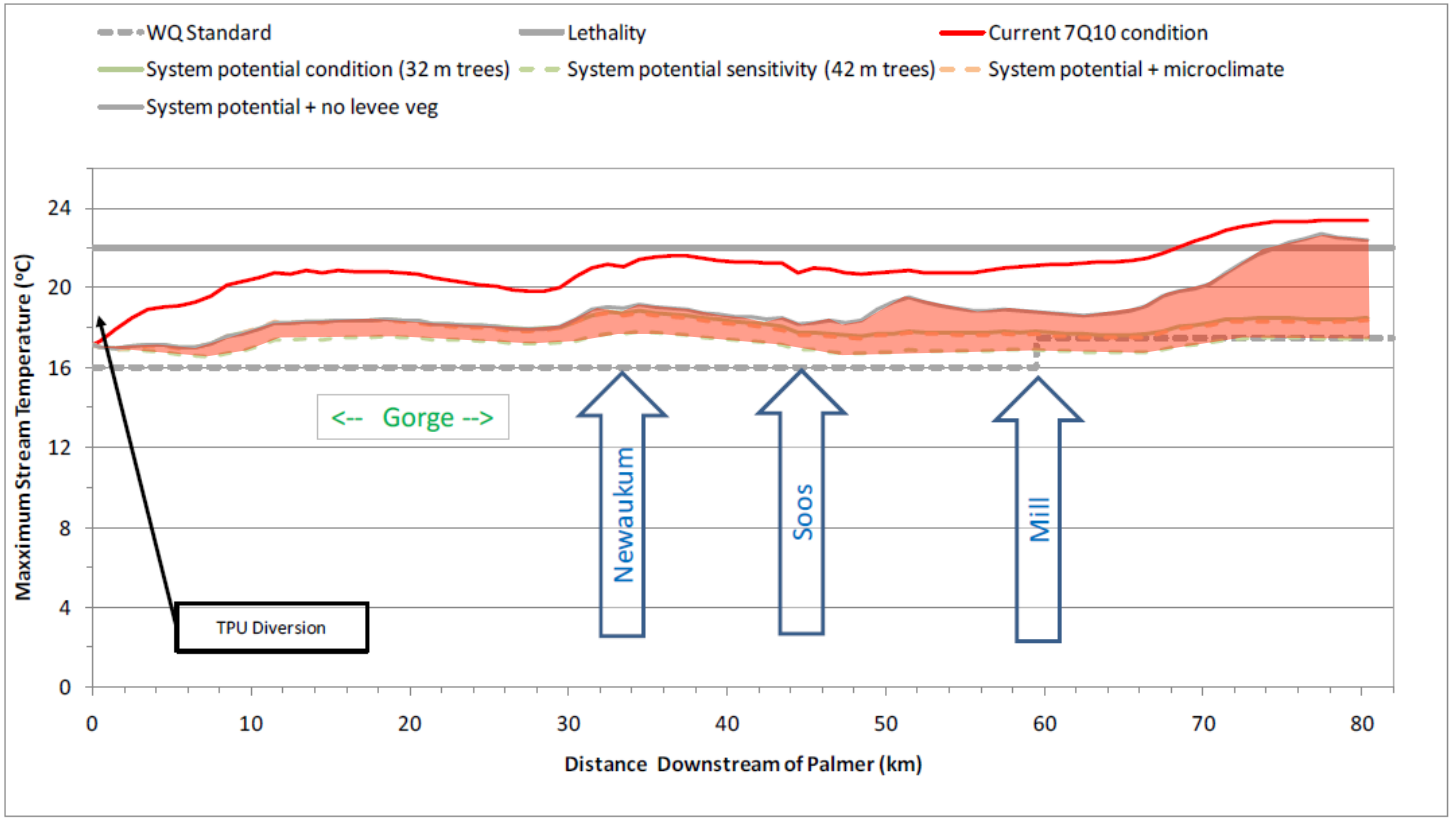


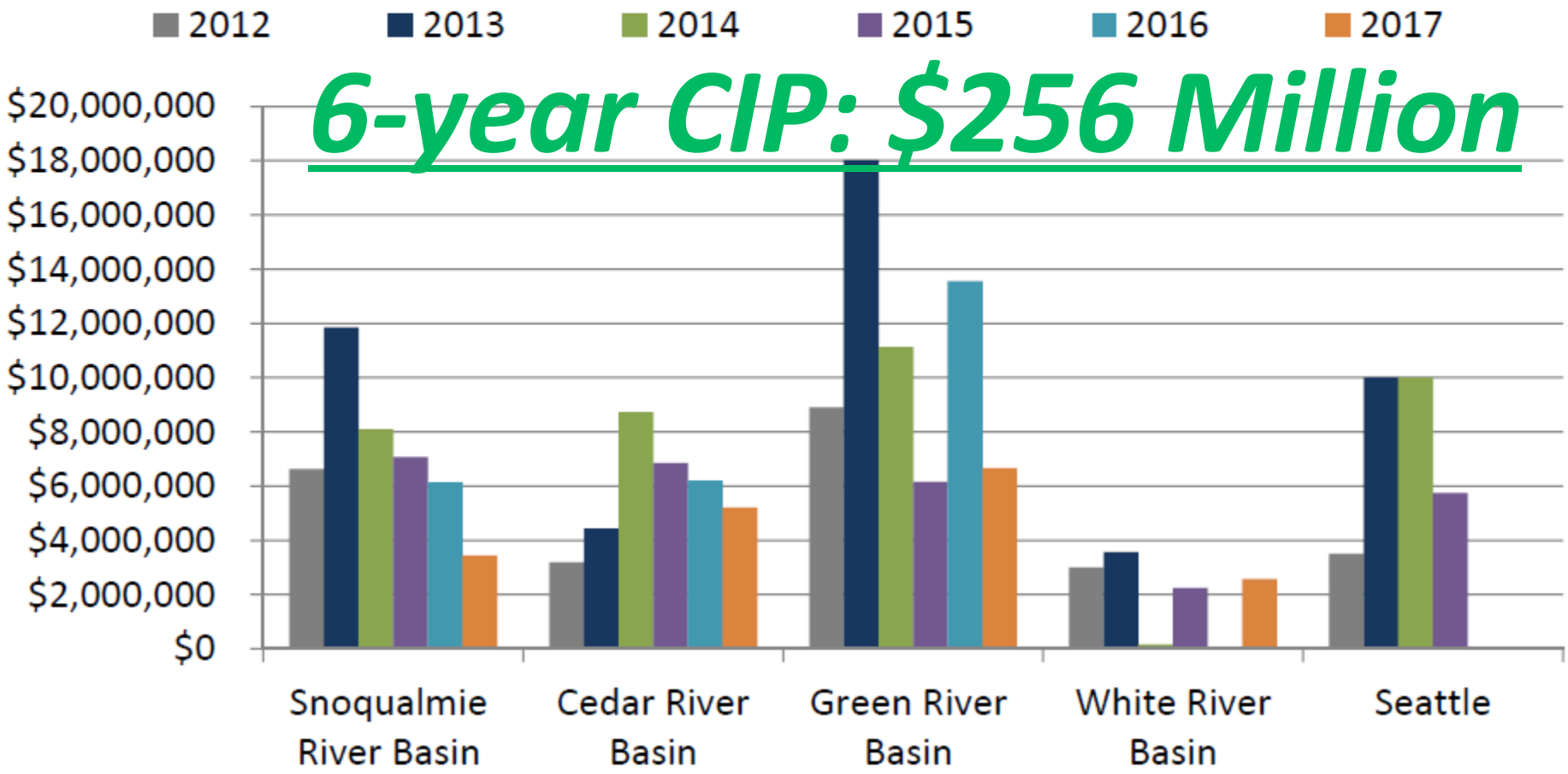
Figure 35. Maximum predicted Green River mainstem (Palmer to Tukwila) temperatures with current riparian vegetation *under critical (7Q10) summer conditions and system potential (mature) riparian vegetation under critical summer conditions. Figure 31 also shows the sensitivity of the model to taller 42-m high trees, microclimate, and a scenario in which mature riparian vegetation is not permitted along any bank of the river with levees.*

KING COUNTY FLOOD CONTROL DISTRICT

Protecting public safety, the regional economy and critical infrastructure.

Capital Budget

Six-Year Summary by Basin



6-year CIP: $256 Million

Tom Bean, P.E., CFM

Green River Basin Supervisor

(206) 296-8377

tom.bean@kingcounty.gov

King County

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