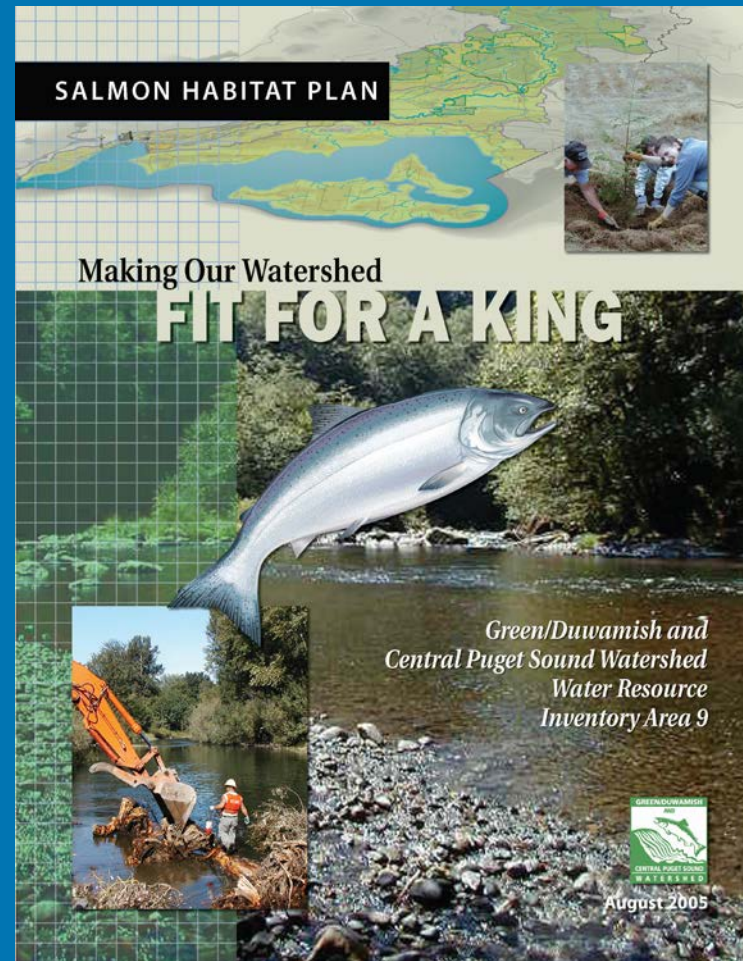


WRIA 9 Plan Update



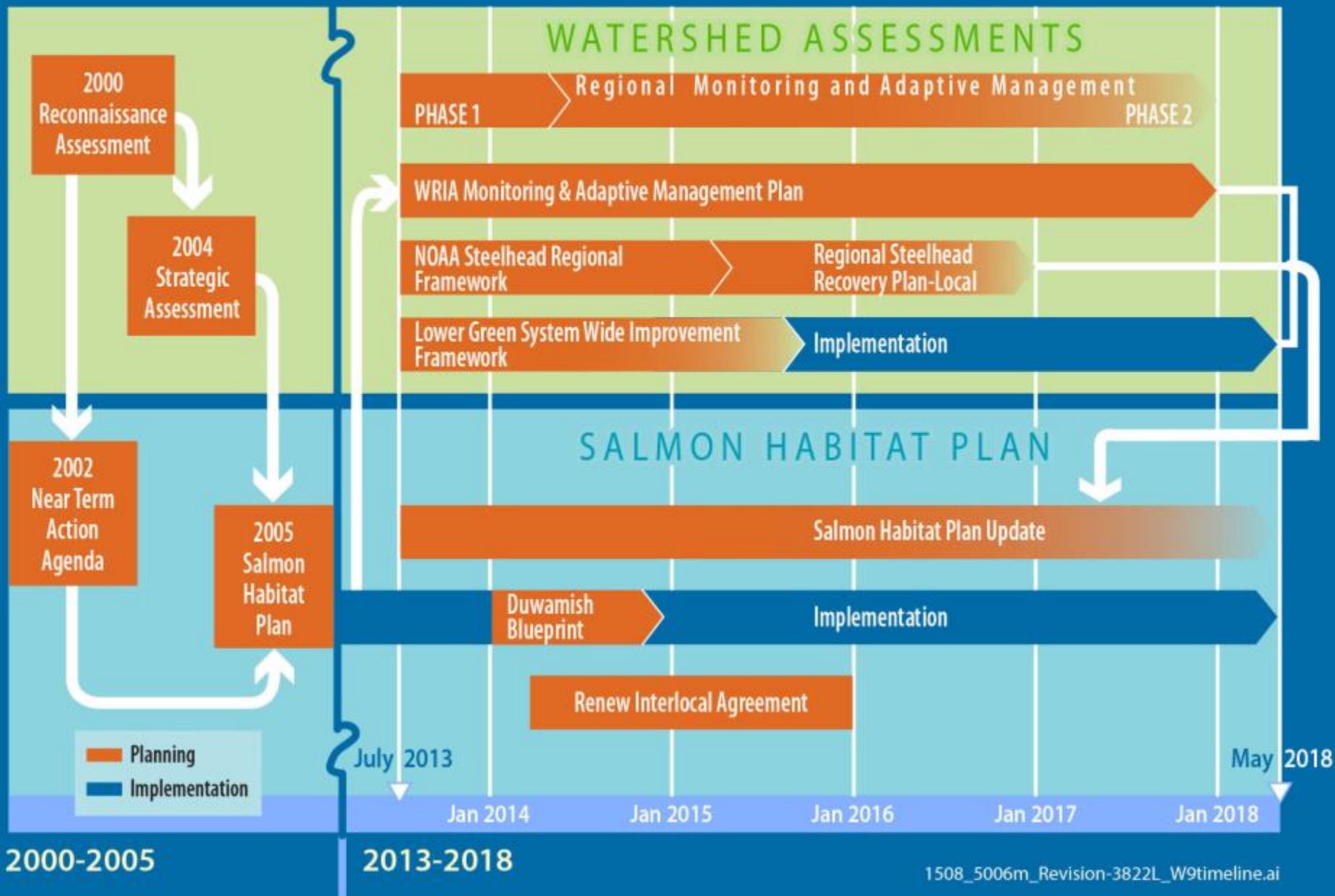
WRIA 9 Forum Meeting
August 13, 2015

Doug Osterman, Watershed Coordinator
Elissa Ostergaard, Planning & Stewardship Coordinator
Green/Duwamish and Central Puget Sound Watershed (WRIA 9)



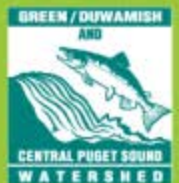
STRATEGY FOR WRIA 9 SALMON HABITAT PLANNING

Key Products and Milestones



“Salmon Habitat Plan” Means:

- WRIA 9 Salmon Habitat Plan: Making Our Watershed Fit for a King (2005)
- Three (Four)-Year Work Plan
- The Strategic Assessment (Scientific Foundation)
- Implementation Guidance Report
- Status and Trends Monitoring Report
- Draft WRIA 9 Monitoring & Adaptive Management Plan
- Duwamish Blueprint
- Mitigation Policy



What We Learned from M&AM: Ecosystem Components

- Some areas lack defined habitat targets
 - *Floodplain area: only in Lower Green (↑45%); none for the Middle Green or Duwamish*
 - *Large Woody Debris: only in Middle Green*
 - *Width of riparian area is lacking for all subbasins*
 - *Shoreline armor— target is no new, decreasing amounts. Later created 10-year targets, but no specific long-term targets*

Example Update Topics

Based on **emerging science** and **gaps** analysis from Regional Monitoring & Adaptive Management

- Climate change & sea level rise
- Spawning and rearing habitat in the Middle Green
- Water Quality
 - Contaminants and early marine survival
 - Temperature



Update Process – by topic

- WRIA 9 staff, WRIA 9 Implementation Technical Committee (ITC), and Puget Sound Partnership – identify update issues
- Subject matter experts provide information/presentations to ITC
- Staff, ITC/subcommittees develop recommendations based on new science
- ITC members bring issues and topics back to their organizations for consideration
- ITC revises recommendations
- WRIA 9 staff present ITC recommendations to Forum for interim approval as part of the plan update
- Look at the update as a whole after all proposed topics/gaps are addressed



Temperature

Plan

Scientific Foundation
(Chapter 4)



Conservation
Hypotheses (Ch 4)



Management Actions
(Chapter 5)



Programs, Policies,
Projects (Chapter 7)

Process

New Science or Gap



Update Conservation
Hypotheses



Programs, Policies,
Projects identified



Vetting and Approval
of Actions

Topic

Contamination & early
marine survival



Reevaluate water
quality C.H. and tier



Identify potential
actions to reduce
contamination



Policy and project
vetting and approval

Temperature

Who

Regional experts, ITC



ITC



ITC, other
stakeholders



ITC, stakeholders and
Forum

Process

New Science or Gap



Update Conservation
Hypotheses



Programs, Policies,
Projects identified



Vetting and Approval
of Actions

Topic

Contamination & early
marine survival



Reevaluate water
quality C.H. and tier



Identify potential
actions to reduce
contamination



Policy and project
vetting and approval

Options for the Plan Update

Addendums

- Pros: easy to implement
- Cons: difficult to find the most updated information
 - *Duwamish Blueprint*
 - *Updated Monitoring and Adaptive Management Plan*
 - *New sections where needed, referring to 2005 Plan*



Revisions to existing chapters

Pros: Easy to find updated information

Cons: More time and effort to update

- *Change selected chapters*
- *Update language throughout*
- *Revise project list*

Results Chain: Articulates Theory of Change

Determine **Intermediate Outcomes** (to connect strategy to goals)

Develop Measureable **Objectives and Indicators**

