

February 4, 2009 Draft Schedule
Blue Heron Meeting Room at Jamestown Tribal Center
8:30am – 4:30pm

8:30 Welcome and Introductions – *Garrett DelaBarre - John Miller*

8:40 – 9:30

The Good, the Bad and the Muddy – *Tony Polizzi, Clallam County Code Enforcement Officer*

- Overview of Clallam County
- Regulatory intent – to protect public safety, economic and natural resources, and ecological function
- Clallam County development codes and critical areas
- The goals of low impact land development practices: maintaining healthy streams and water resources, and providing homeowner protection

9:30 – 9:45

Land Development Requirements in Port Angeles and Sequim – *Terri Partch - City of Port Angeles Public Works & Utilities, Stormwater Program Manager, and Joe Irvin, City of Sequim Planner*

- Overview of Port Angeles and Sequim
- Critical areas and intent are similar; Clearing and Grading Permit requirements differ
- Port Angeles specifics
 - Goal to protect water quality in PA harbor and the streams (NPDES permits)
 - PLID overlay zone and site density (PA code allows/encourages LID)
- Sequim specifics
 - Critical area recharge zones (CARA)
 - Development tools for density

9:45 – 10:00 - Break (presenters will be available for questions and discussion)

During this workshop, several *aspects of land development practices will be presented by Elliott Menashe. Elliott has been a private, natural resource management consultant since 1987. He has a Bachelor of Science from U.C. Berkeley School of Forestry. He is the owner of Greenbelt Consulting on Whidbey Island, and has 30 years of practical experience in site development and construction. His firm specializes in low-impact forest, shoreline, and riparian management, reducing adverse effects of rural development, and restoration of degraded sites. The Greenbelt Consulting website, www.greenbeltconsulting.com, provides extensive research material provided by Elliott and others.*

10:00 – 11:00

Land Development Practices in Urbanizing Areas– *Elliott Menashe, Greenbelt Consulting*

- Introduction: Rural vs. Urban Development, Population Projections, Watersheds, BMPs, LID
- Poor Pre-Development Practices - Forest Conversion, Origins of Stormwater, Gradual Impairment of Watershed/Ecological Services
- Conventional Development Practices - Clear/grade, "Parking out", Pile/burn slash, Soil compaction
- Results - Stormwater impacts, Invasive plant establishment, Loss of wildlife habitat, Wetland/riparian impacts, Fisheries impacts, Fire and tree hazards, other site-scale practices.
- Role/Benefits of Vegetation - - Forest/soil complex, Slope stabilization/ Erosion control, Nurse logs/ Snags, Etc.

11:00 - 11:15 – Break (presenters will be available for questions and discussion)

11:15 -11:45

Services Available from the Clallam Conservation District - *Gary Dougherty, Clallam Conservation District Planner; Carol Creasey, Clallam County Senior Planner*

- Clallam Conservation District: a valuable public resource for pre-project planning
- Introduction to the "BMPs for Clallam County's Draft Small Projects Drainage Manual"

11:45-12:15

Land Development Practices in Urbanizing Areas – *Elliott Menashe, Greenbelt Consulting*

- Site Assessment
- Tools and Benefits
- Field Indicators of Site Quality

12:15 – 1:00 - Lunch (please feel free to discuss issues with presenters)

1:00 – 3:00 – Field Trip – *Be prepared for mud and weather*
(30 minutes for travel 1.5 hours for site visit)

3:00 – 3:15 Break

3:15 – 4:00

Land Development Practices in Urbanizing Areas - *Elliott Menashe, Greenbelt Consulting*

- Good Development Practices: Use of Assessments, Limit Clearing, Reduce Grade Changes, Alternative Foundations, Plant Salvage, Buffers, Access, Septic Systems, Etc.
- Benefits of preserving watershed conditions: Reduce violations/ enforcement efforts, Minimize debris/slash disposal costs, Reduce stormwater management impacts/costs, Improve water quality, Reduce noxious weeds.
- Summary: Reduce clearing and grading, provide education and incentives, engage voluntary cooperation.

4:00 – 4:30

Further Questions and Discussion

To the information provided today, please add your ideas and experiences concerning roadblocks and recommendations for working together to achieve the goal of effective stormwater control.

Please don't forget to complete your evaluation form

Thank you for your participation