

City of Duvall Shoreline Master Program Update

Open House

May 16, 2012

Hosted by the Planning Commission



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Reconnecting with the Riverfront.





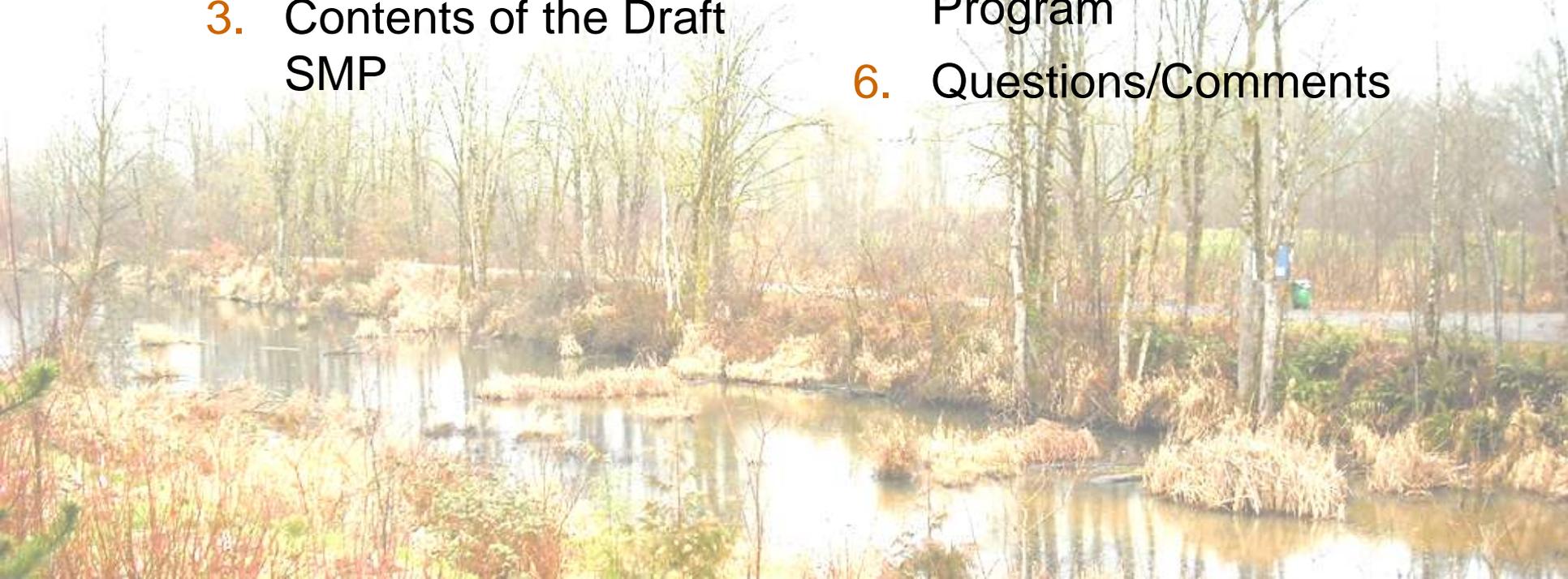
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Presentation Overview

1. Open House Goals
2. Recap of Update Effort to Date
3. Contents of the Draft SMP
4. Context: SEDs and Shoreline Uses
5. Major Changes to Program
6. Questions/Comments





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Meeting Goals

1. Provide overview
2. Review the Advisory Committee Recommended Draft SMP
3. Provide forum for suggestions and comments
4. Identify next steps

Goals Moving Forward

1. *Incorporate suggestions and address comments*
2. *Recommend draft for Council review and public hearing*



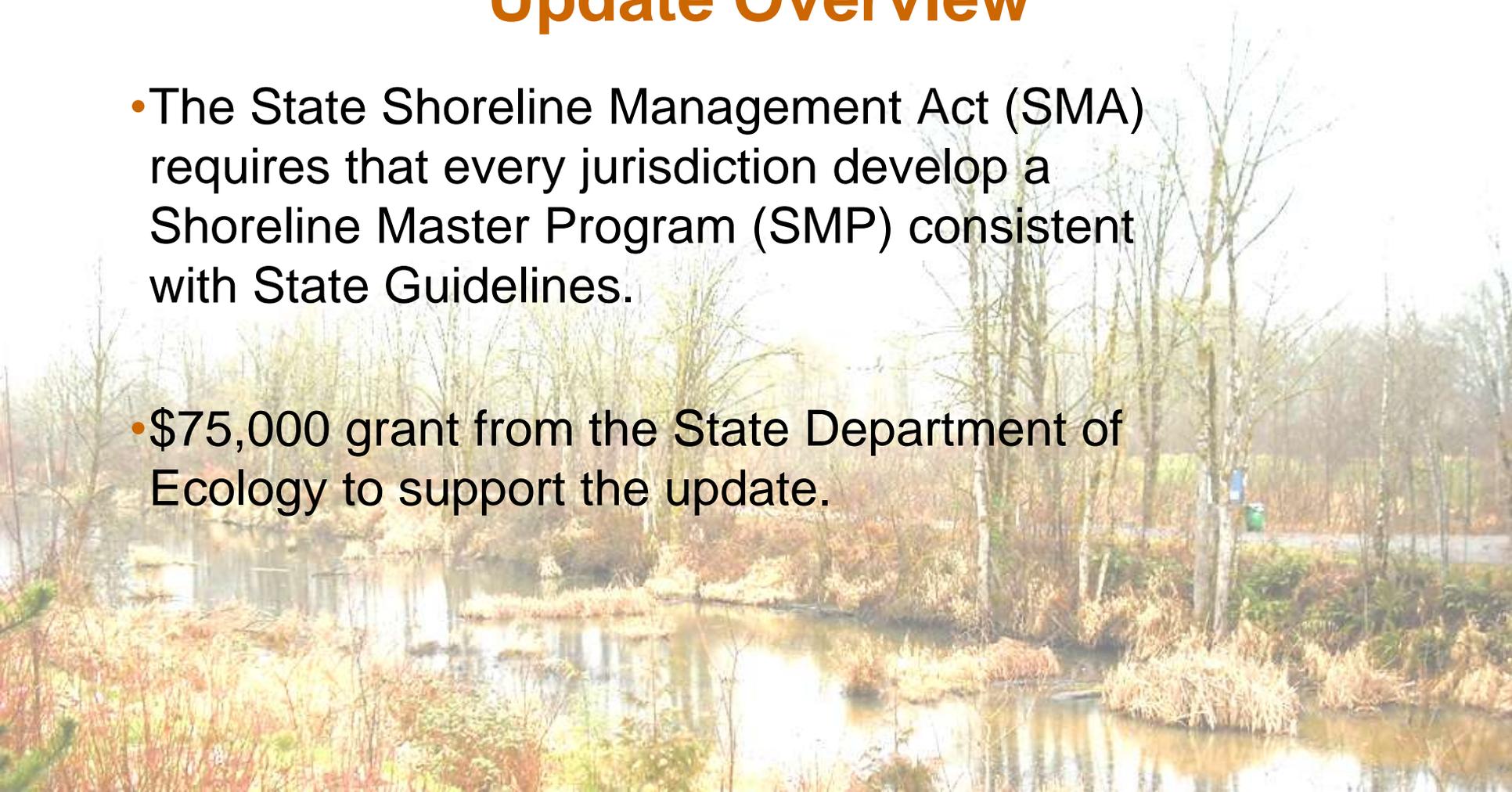
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Shoreline Master Program (SMP) Update Overview

- The State Shoreline Management Act (SMA) requires that every jurisdiction develop a Shoreline Master Program (SMP) consistent with State Guidelines.
- \$75,000 grant from the State Department of Ecology to support the update.





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Policy Goals of the SMA



Encourage water-dependent uses

Protect natural resources



Promote public access

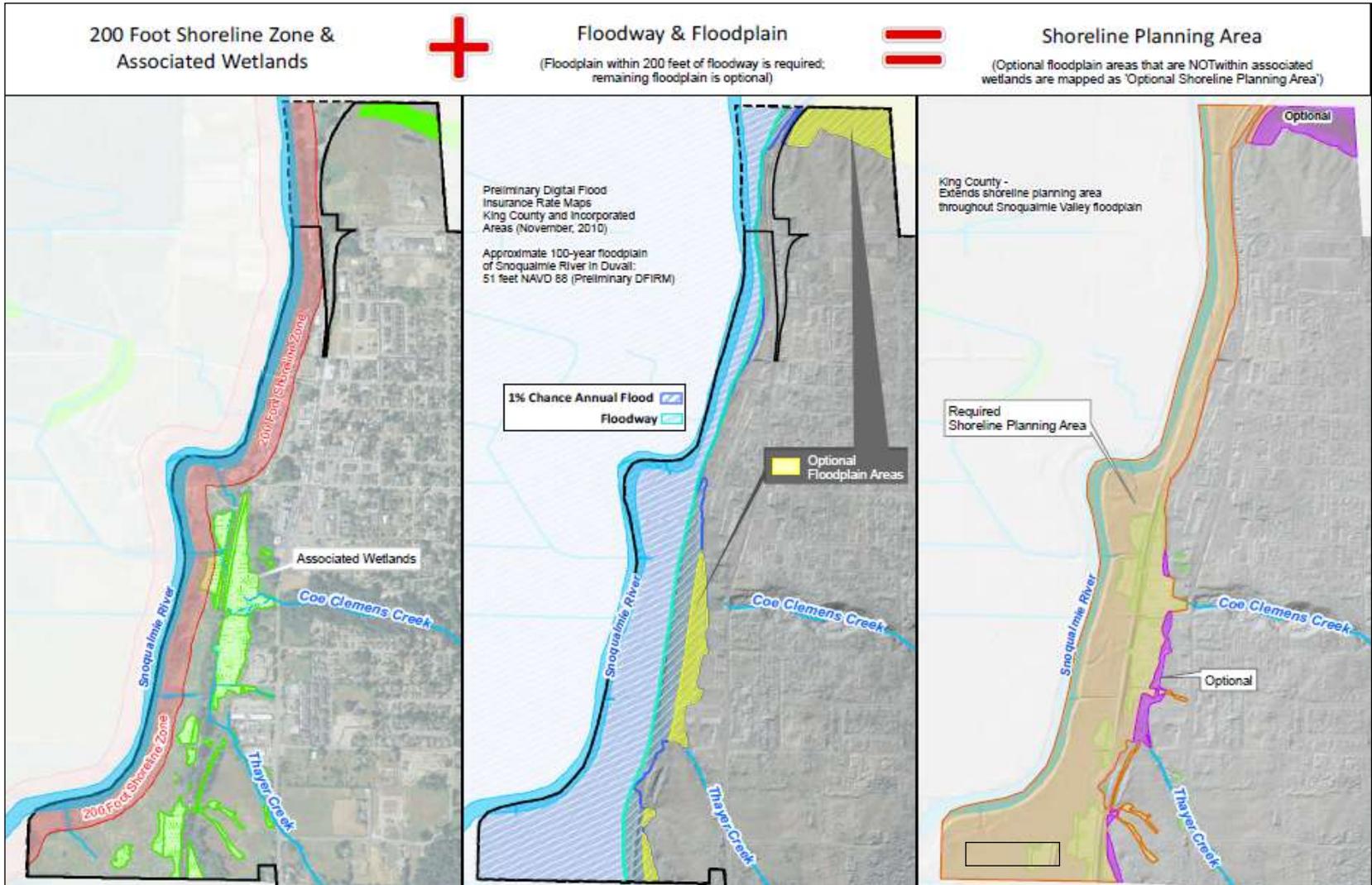


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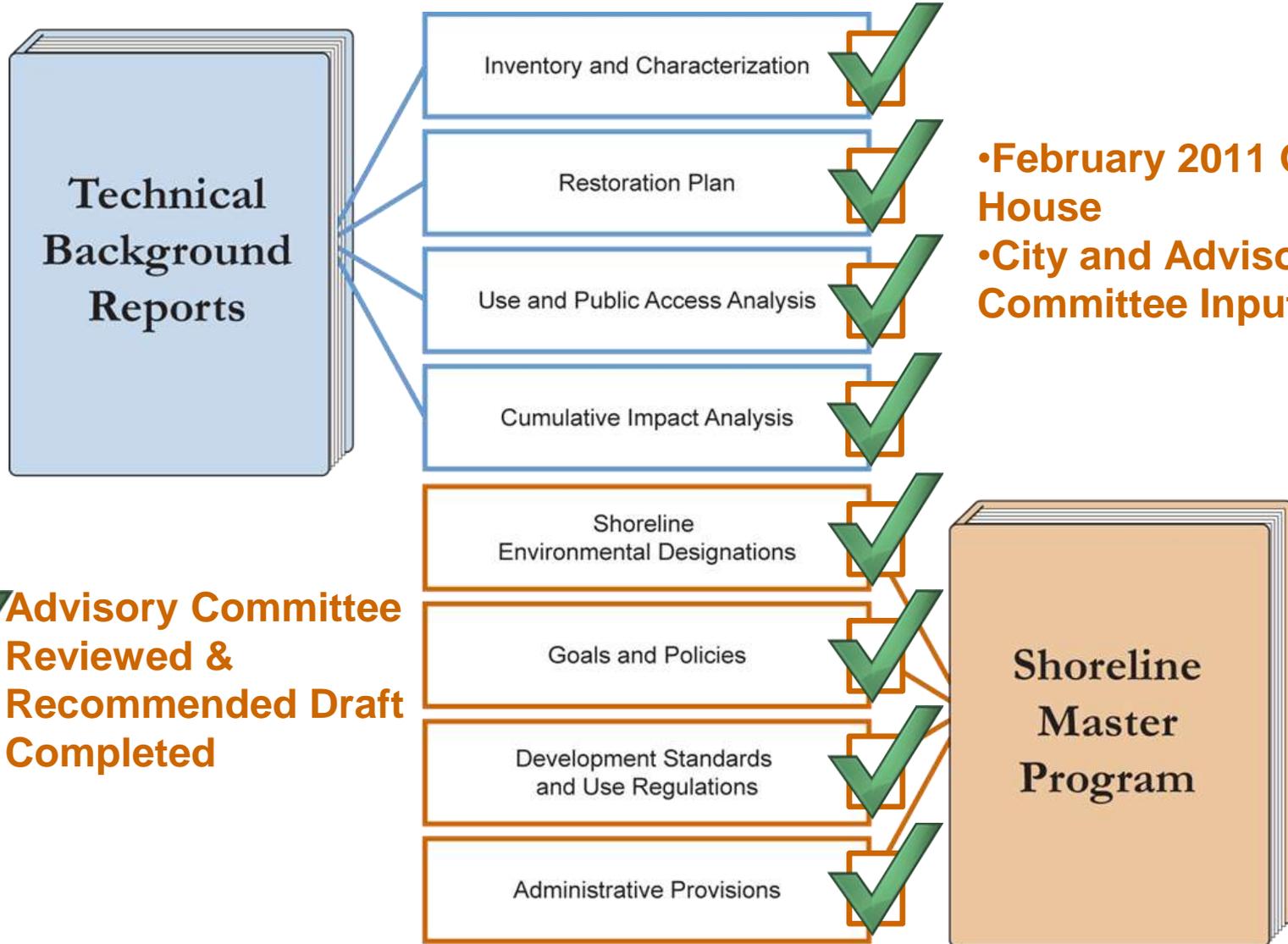
Where Does the SMP Apply?





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- February 2011 Open House
- City and Advisory Committee Input

 **Advisory Committee Reviewed & Recommended Draft Completed**

Shoreline Master Program



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Key Findings – Land Use





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Key Findings – Hazard Areas

January 2009 Flood (WSDOT)

- Floodplain
(elevation = approx. 51 feet)
- Floodway
- CMZ



McCormick Park Flood Pole, 2009





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Key Findings – Fish and Wildlife Habitat

- Wetlands
- Streams
- Critical Fish and Wildlife Areas

Depot Park wetland/ pond, 2009





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[LINK TO INVENTORY
FLY THROUGH](#)



Key Findings – Shoreline Processes

Impaired by past development

Historic

&

Recent



Car bodies used as shoreline armoring
(Eastside Heritage Center, undated)



Commercial, multifamily, and single family development in Duvall,
surrounding Coe-Clemons Creek east of Main Street.
(Microsoft Corporation Pictometry Birds Eye, 2010)



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Key Findings – Shoreline Restoration





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Shoreline Restoration Goals

1. Snoqualmie River riparian restoration
2. Enhance existing and evaluate creation of new off-channel habitat along the main stem river
3. Improve and maintain 'functions' in tributary streams
4. Address shoreline erosion issues where adjacent to active park and public infrastructure areas while restoring shoreline and



X	Convergence Channel
A.	Coe-Clemens north convergence (active)
B.	Coe-Clemens south convergence (active)
C.	Central Coe-Clemens / Thayer channel (remnant)
D.	Thayer convergence (some flow from Coe-Clemens; active)
E.	Unnamed channel (remnant)



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Shoreline Restoration Plan

- Establishes restoration policies – Integrated into Draft SMP
- Identifies funding sources and implementation strategies

*+ Snoqualmie Watershed Forum /
King Conservation District*

+ Ecology +Wild Fish Conservancy +NFWF

+ Cascade Land Conservancy + Trout Unlimited

- Identifies timelines and benchmarks for restoration implementation





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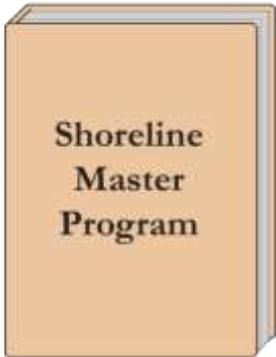
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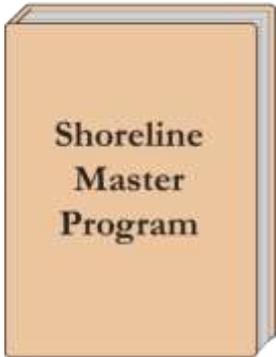
Key Shoreline Management Issues

- Initial Identification early in update effort
- Advisory Committee served as a sounding board for identifying and discussing key management issues
- Public Survey



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2010 Public Survey Results

- 190 total responses as of 3/10
 - 169 returned mail surveys
 - 21 Survey Monkey surveys
- Snoqualmie Valley Trail (79%) and McCormick Park (~60%) identified as most frequently used areas

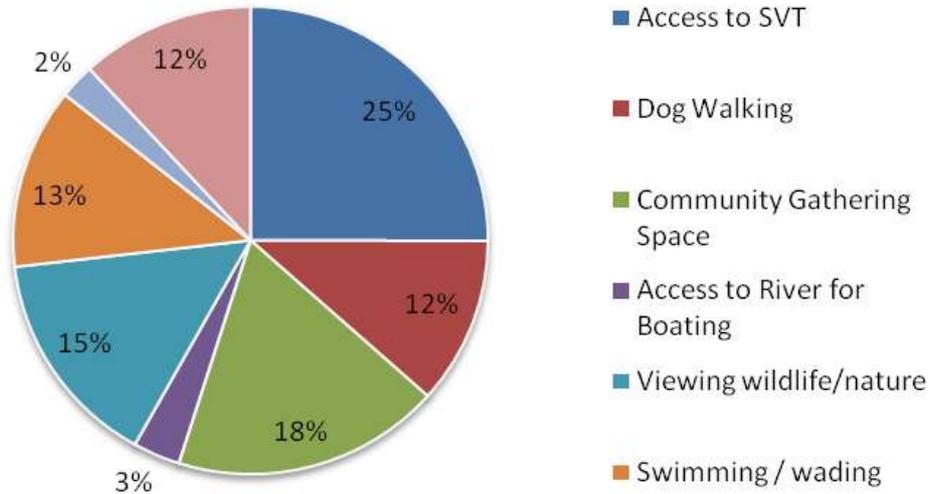


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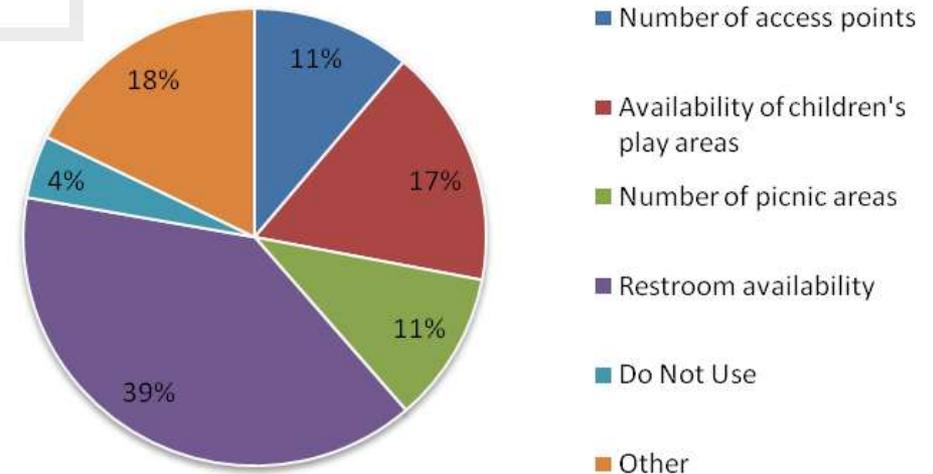
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What do you like best? (Q4)



What do you like least? (Q5)



Public Survey Results - Comments

Too many dogs off leash

Better and closer restrooms to the main part of the area not just up by the parking. Also more picnic areas.

The wildlife is most important. We love seeing coyotes, deer, rabbits, birds, beavers, snakes, etc on this trail.

We need good erosion prevention techniques.

A large play structure, sports field, etc at McCormick Park.

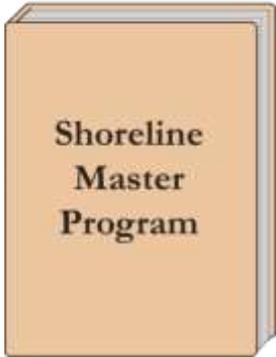
Would like off-leash dog park in s. open space area

Overall results indicated that as much attention should be focused on habitat and water quality as improvement of public access



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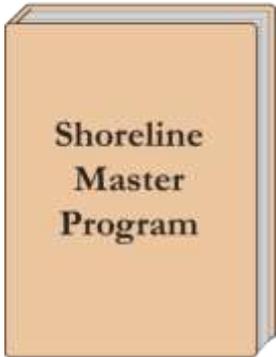
Key Shoreline Management Issues

- Shoreline public access
- Wildlife habitat and supporting natural processes
- Natural hazards – floodway, bank erosion
- Riverfront public areas as an ‘economic asset’
- Public utilities uses
- Private development – Riverside Village, other
- Integration and consistency with existing plans and programs



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Shoreline Environment Designations

- Similar to a zoning overlay
- Applied to shore segments based on ecological condition and land use
- Provides a system for determining allowed uses
- Recognizes different characteristics of specific geographic areas

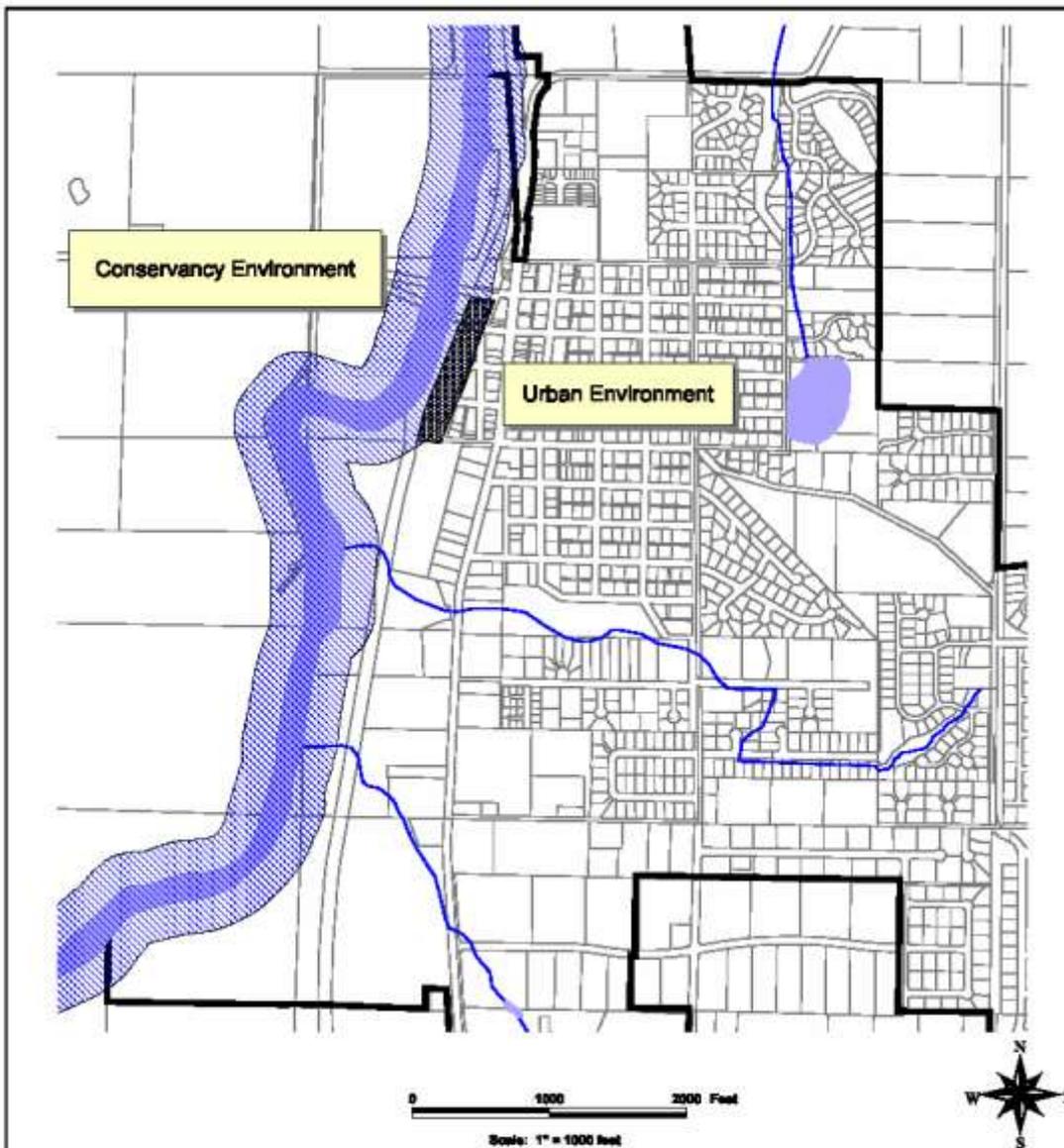


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ESA

Existing System



Legend

-  200' Shoreline Buffer
-  Water Bodies
-  City Boundary Line
-  Parcels

Figure LU - 6
1974 Shoreline Management
Master Program Map



U - 27

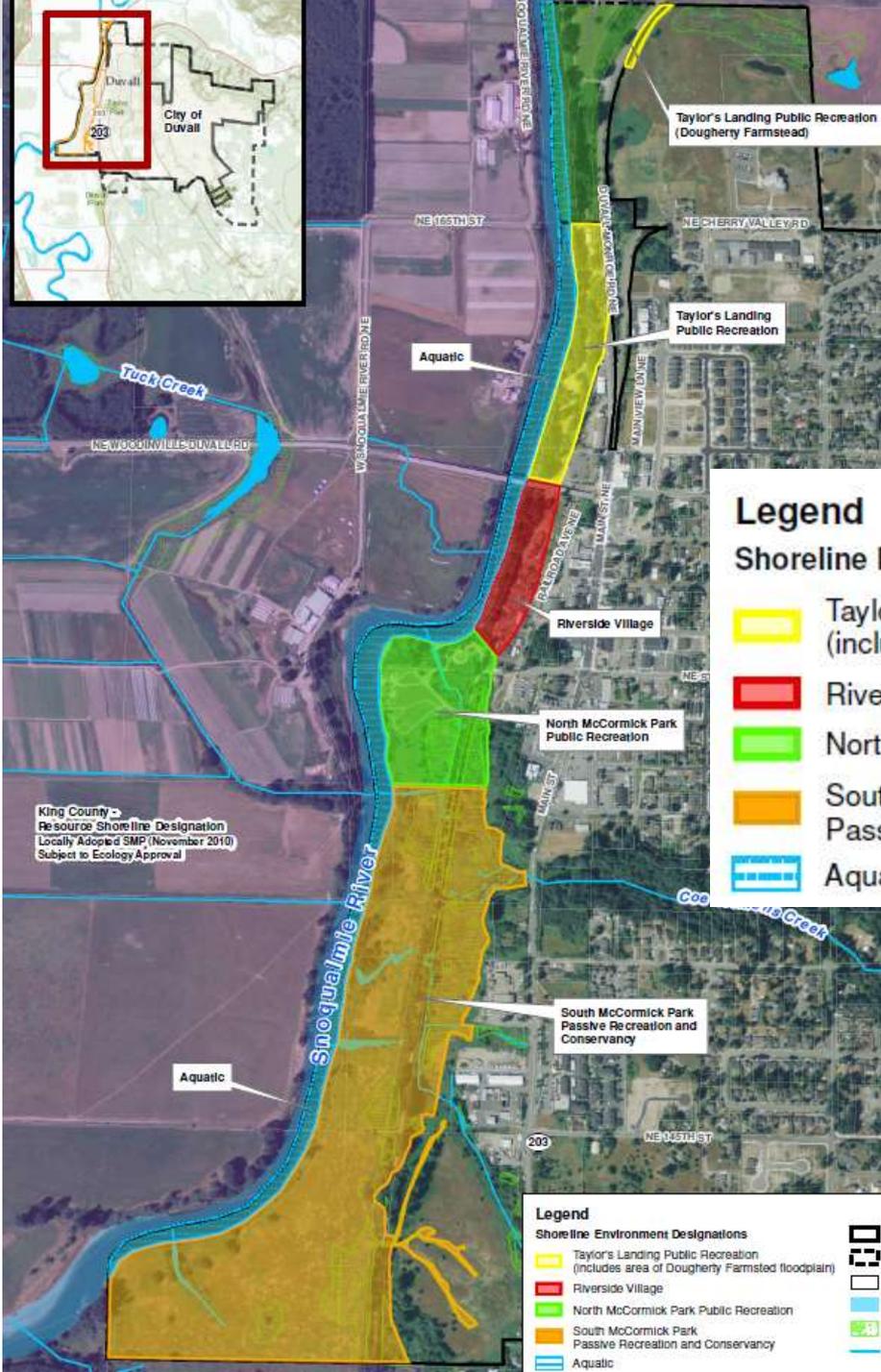


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Proposed System



King County
Resource Shoreline Designation
Locally Adopted SMP (November 2010)
Subject to Ecology Approval

Legend

Shoreline Environment Designations

-  Taylor's Landing Public Recreation (includes area of Dougherty Farmstead floodplain)
-  Riverside Village
-  North McCormick Park Public Recreation
-  South McCormick Park Passive Recreation and Conservancy
-  Aquatic

Legend

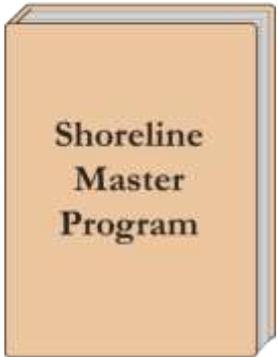
- Shoreline Environment Designations**
-  Taylor's Landing Public Recreation (includes area of Dougherty Farmstead floodplain)
-  Riverside Village
-  North McCormick Park Public Recreation
-  South McCormick Park Passive Recreation and Conservancy
-  Aquatic

LINK TO SED FLY THROUGH



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When do SMP Standards Apply?

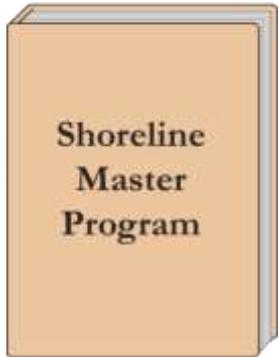
- Shoreline regulations generally apply to:
 - New Construction
 - Expansions of existing uses
 - New Uses
- Shoreline regulations **do not** apply to:
 - Current and ongoing uses
 - Maintenance





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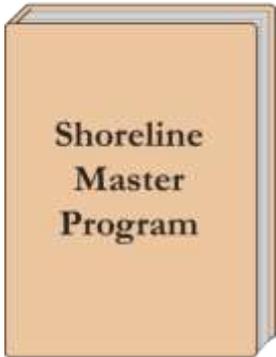
SMP Document Structure

- Guided by state rules (WAC 173-26)
- Includes:
 - Overarching goals for shoreline use and development
 - General policies and regulations that apply to all shorelines
 - Specific use regulations (recreational development, utilities development, shoreline modification, ect.)
 - Administrative procedures for implementation



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Key SMP Provisions

- **Differentiated use allowances for Proposed SEDs**
 - Focuses more intensive public recreation development in ‘Public Recreation’ and ‘Riverside Village’ designations
 - Provides allowances for ‘low-intensity’ recreational development in South McCormick Park Passive Rec. & Conservancy Environment
 - Focuses residential and commercial development primarily within Riverside Village



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Shoreline Use Matrix

Table 1. Permitted Use and Modification Table

Use/Modification	South McCormick Park Passive Recreation and Conservancy	N. McCormick Public Recreation / Taylor's Landing Public Recreation	Riverside Village	Aquatic (Snoqualmie River)
Agriculture	X	X	X	X
Boating facilities				
Boat launch ramps	CUP, hand launch only	P; hand launch only in McCormick Park; no more than 1 launch total in Taylor's Landing Park	X	Only where permitted in adjacent designation
Docks	X	X	X	X
Dry boat storage	X	CUP, only when hand launchable, public, & associated with public use	X	X
Clearing and grading ¹	P, only in association with an allowed use	P, only in association with an allowed use	P, only in association with an allowed use	X
Commercial development				
Water-related	P ²	P ²	P	X
Water-enjoyment	P ²	P ²	P	X
Non-water-oriented	P ²	P ²	P	X



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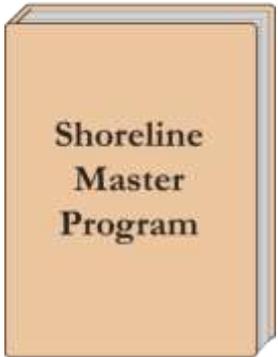
Shoreline Use Matrix

Use/Modification	South McCormick Park Passive Recreation and Conservancy	N. McCormick Public Recreation / Taylor's Landing Public Recreation	Riverside Village	Aquatic (Snoqualmie River)
Recreational development				
Trails	P	P	P	X
Temporary recreational uses	P	P	P	X
Water-dependent	P	P	p	P
Water-related	P, low-intensity only	P	P	X
Water-enjoyment	P, low-intensity only	P	P	X
Non-water-oriented ⁷	CUP	CUP	CUP	X
Residential development ⁸	p ⁹	X	P	X
Mixed use development	X	X	P	X



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Key SMP Provisions

- Differentiated use allowances for Proposed SEDs
- **Limits use and development within floodway**





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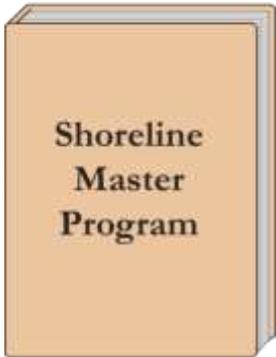
Shoreline Use Matrix

Use/Modification	South McCormick Park Passive Recreation and Conservancy	N. McCormick Public Recreation / Taylor's Landing Public Recreation	Riverside Village	Aquatic (Snoqualmie River)
Fill ⁴				
Within floodway ⁵	P, only in association with an allowed use	P, only in association with an allowed use	P, only in association with an allowed use	CUP
Outside floodway	P, only as part of restoration / low-intensity recreation	P, only in association with an allowed use	P, only in association with an allowed use	N/A
Flood control works				
Levees	X	X	X	X
Flood curtain / wall protection for allowed uses E of the Snoqualmie Valley Trail	P	P	P	N/A
In-stream structures ⁶	CUP	CUP	CUP	CUP
Parking	CUP, only to the east of the Snoqualmie Valley Trail and only as accessory to an allowed use	P, only as an accessory to an allowed use	P, only as an accessory to an allowed use (or P&R)	X



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Key SMP Provisions

- Differentiated use allowances for Proposed SEDs
- Limits use and development within floodway
- **New allowances, limitations and standards for shoreline stabilization**

Use/Modification	South McCormick Park Passive Recreation and Conservancy	N. McCormick Public Recreation / Taylor's Landing Public Recreation	Riverside Village	Aquatic (Snoqualmie River)
Shoreline stabilization				
Structural shoreline stabilization	CUP	CUP / P, only when incorporating ecological design	CUP	CUP / P, only when incorporating ecological design
Bioengineered shoreline stabilization	P	P	P	P



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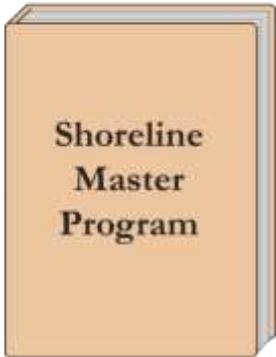
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Key SMP Provisions

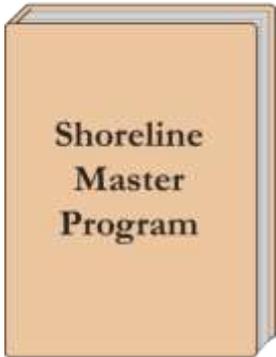
- Differentiated use allowances for Proposed SEDs
- Limits use and development within floodway
- New allowances and standards for shoreline stabilization
- **New allowances, limitations and standards for utility and transportation uses**

Use/Modification	South McCormick Park Passive Recreation and Conservancy	N. McCormick Public Recreation / Taylor's Landing Public Recreation	Riverside Village	Aquatic (Snoqualmie River)
Transportation Facilities	X	X	P, only w/in existing ROWs	P (In-water supports prohibited)
Utilities				
Water-dependent	P	P	P	P
Non-water dependent (overhead)	CUP / P, in existing corridors	CUP / P, in existing corridors	CUP / P, in existing corridors	CUP / P, in existing corridors
Non-water-dependent (underground)	CUP / P, in existing corridors	CUP / P, in existing corridors	CUP / P, in existing corridors	CUP / P, in existing corridors



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Key SMP Provisions

- Differentiated use allowances for Proposed SEDs
- Limits use and development within floodway
- New allowances and standards for shoreline stabilization
- New allowances, limitations and standards for utility and transportation uses
- **New bulk, dimensional, and vegetation conservation standards**



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Shoreline Use Matrix

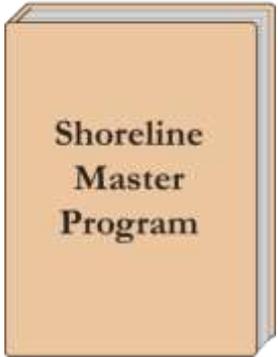
Table 2. Bulk Dimensional and Vegetation Standards

Bulk Dimensional and Vegetation Standards	South McCormick Park Passive Recreation and Conservancy	N. McCormick Public Recreation / Taylor's Landing Public Recreation	Riverside Village	Aquatic (Snoqualmie)
Maximum Impervious Surface Coverage ¹⁰	10%	25%	60%	N/A
Maximum Building Height				
West of SVT ¹¹	15 feet ¹²	15 feet	Buildings not allowed	N/A
East of SVT	15 feet ¹³	25 feet	35 feet	N/A
Minimum Riparian Zone ¹³	200 feet (additional 50 feet beyond SAO)	Consistent with SAO (DMC 14.42.330)	West of existing SVT	N/A



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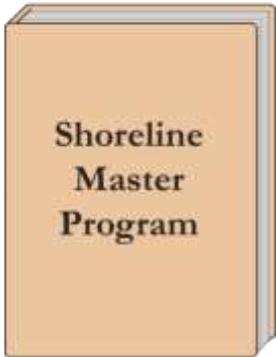
Consistent with Existing Plans and Programs

- Sensitive Areas
 - Riparian buffers
 - Wetlands
- Parks Plan
- Zoning and Comp Plan



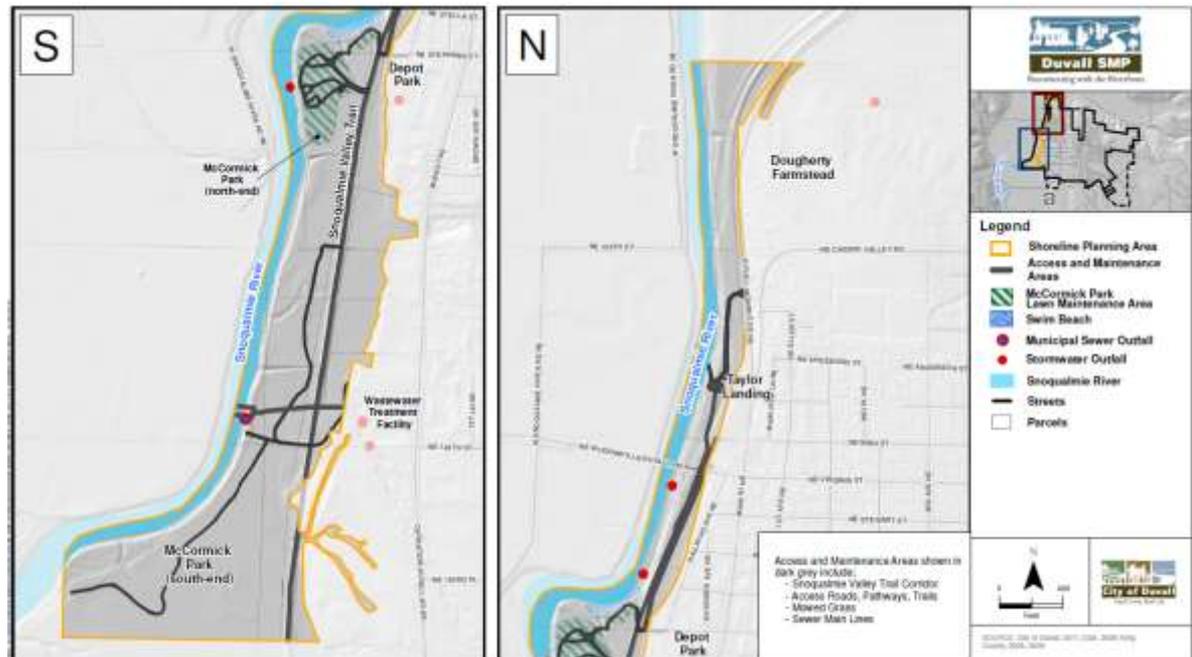
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Allowances for Ongoing Use & Maintenance

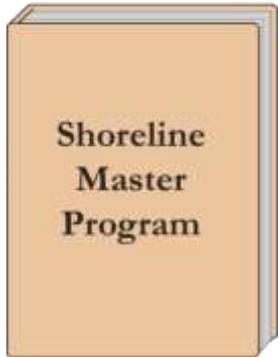
- Public Works Maintenance Activities
 - Parks
 - Trails
 - Utilities





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SMA Mandated Goal: No Net Loss

- Post-development conditions are no worse than pre-development conditions
 - Control uses
 - Avoid development impacts
 - Mitigate unavoidable impacts
 - Consider cumulative effects of development
- Implement restoration projects to repair past ecological damage

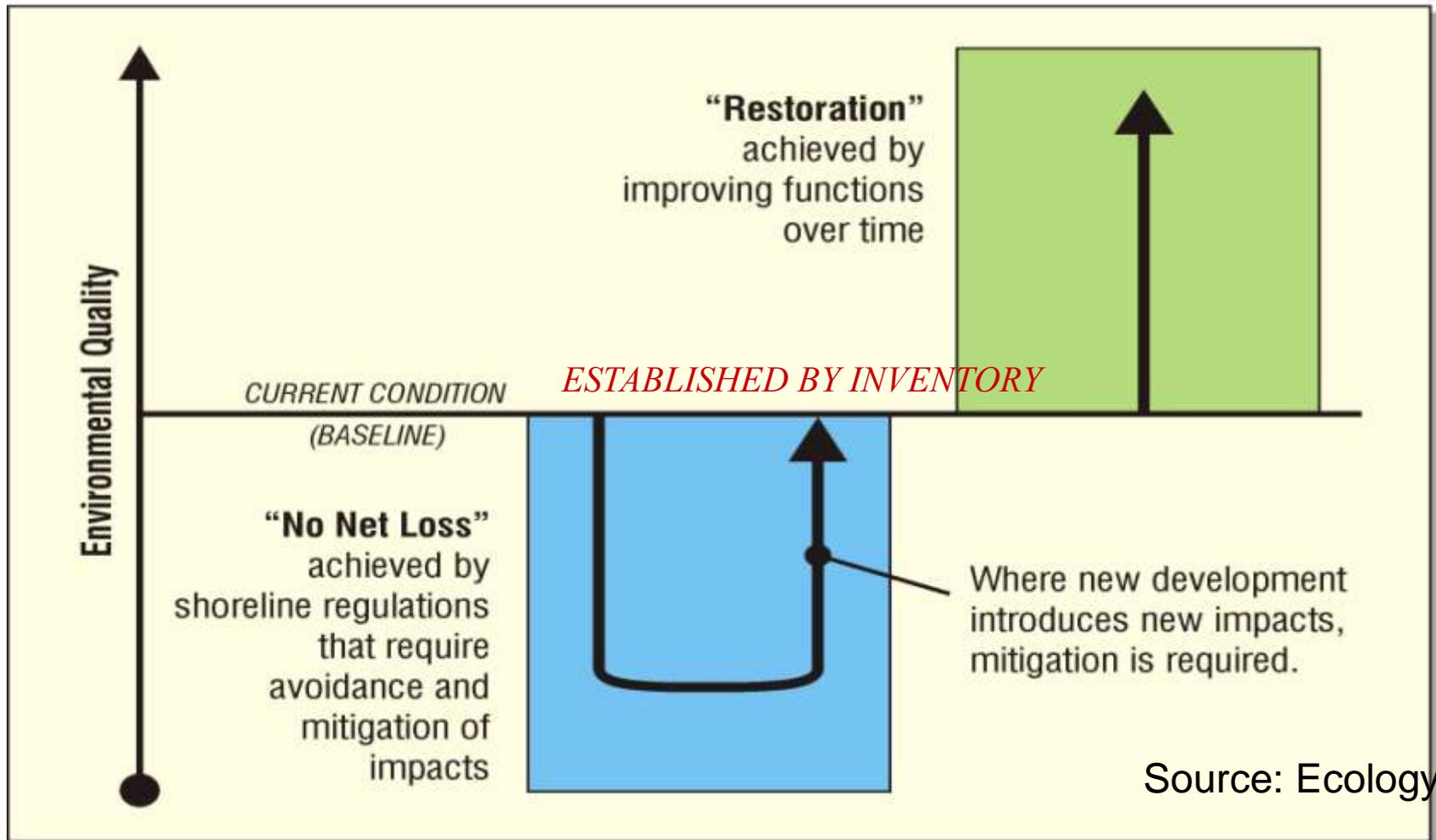


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Two Distinct Objectives: No-Net Loss of Shoreline Ecological Functions and Restoration Over Time



SMP Update Timeline

- ✓ February 2, 2010: Initial Open House
- ✓ January 2009 – April 2012: Advisory Committee Review
- ✓ October 2011: Complete Preliminary Draft SMP
- **May 2012: SMP Update Open House**
 - forum for suggestions and comments
 - Identifying next steps in local adoption
- **June 2012:** Joint Planning Commission and City Council Workshop, completion of Planning Commission Recommended Draft SMP
- **July 2012:** Public Comment Period
- **August 2012:** Local adoption by City Council



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Questions and Comments

For more information:

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