

SHORELINE *Alternative* MITIGATION PLAN



Objectives

- Maintain economic vitality of maritime industrial economic sector
- Predictability and transparency in permitting process
- Flexibility in application of mitigation requirements
- Enhance quality of project mitigation



What is the Shoreline Alternative Mitigation Plan?

- A standardized approach to evaluating shoreline project impacts and determining mitigation requirements.
- An optional off-site program for water-dependent and water-related land uses.



Challenges

- Methodology for measuring impacts/mitigation
- Determining equivalency across sites.
- High property values.

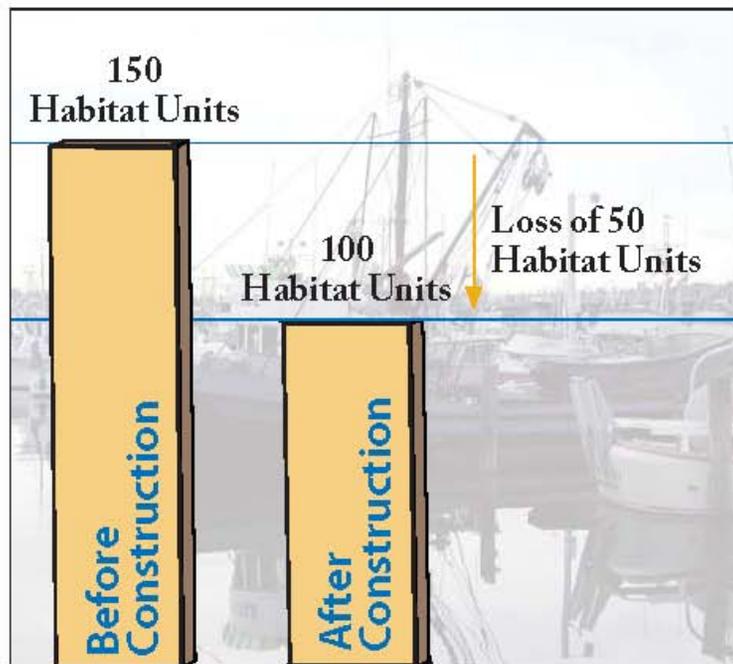
Current Practice

- Apply development standards
- Minimize Impacts through changes in project design.
- Mitigate remaining impacts.
- Public Review

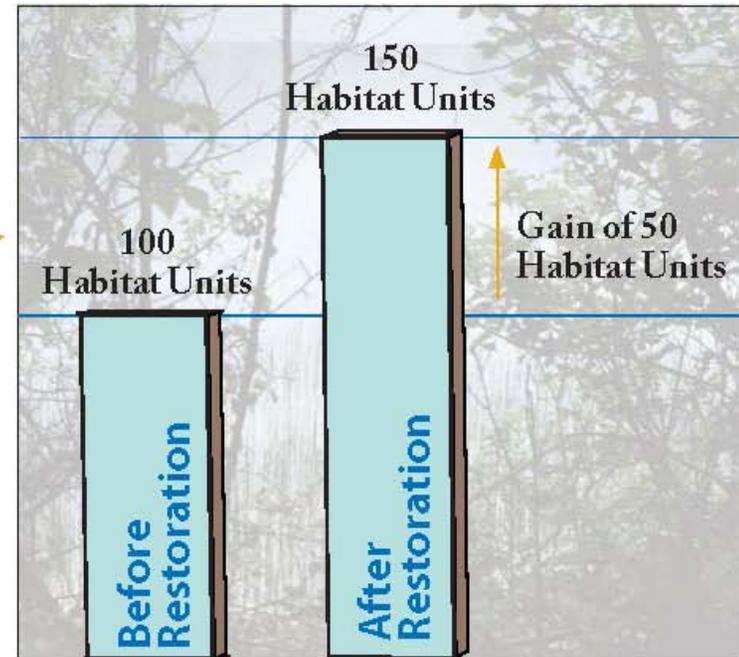
What Will Change?

- Standardize project review by quantifying impacts and mitigation.
- Transparency and predictability in review of project proposals.
- Enhance shoreline mitigation.

SAMP Approach To Mitigation



Loss of Ecological Function Due to Project Impacts



Ecological Function Measured in Habitat Units

SAMP Equivalency

- Relative value of different types of impacts and mitigation activities.
- Captures the range of typical project impacts.
- Views ecological function through lens of juvenile Chinook salmon habitat requirements.
- Based on US Fish and Wildlife Services Habitat Evaluation Procedures.
- Review and revise as new information becomes available.

Habitat Suitability Index

- Overall score measuring ecological function.
- Compares actual conditions to ideal conditions.
- Used to measure changes that result from shoreline projects.

Onsite Mitigation

- SAMP equivalency table
- Onsite, in-kind mitigation, 1:1
- Onsite, out-of-kind mitigation, 1.5:1.

Offsite Mitigation

- Water-dependent/water-related land uses.
- May combine offsite and onsite mitigation.
- Offsite provided at a ratio of 2:1

Where will offsite mitigation occur?

- Within Lake Washington/Lake Union Ship Canal system.
- The City will develop shoreline restoration projects.