

Ebey Island Restoration Feasibility Study

Project Organization

WDFW¹: Project Director: Richard Tveten (Tel. 360-902-2367; Richard.Tveten@dfw.wa.gov)

AMEC²: Project Manager: Cleve Steward (206-719-1260; cleve.steward@amec.com)
Project Administrator: Cliff Strong (425-368-0952; cliff.strong@amec.com)
Technical Lead: Ryan Bartelheimer (425-368-2980; ryan.bartelheimer@amec.com)

The work to be completed by AMEC and its subcontractors (Dan Evans Consulting and Philip Williams and Associates) comprises six elements:

Phase Number	Element	Element Lead	Support Staff
1	Public Engagement and Facilitation	Cleve Steward	Dan Evans, Walker Stanovsky
2	Ecological Effects Analysis	Tad Schwager	Jenn Leach
3	Social, Cultural, Recreation, and Economic Effects Analysis	Cliff Strong	Tiffany Quarles, Matt Vavra
4	Geotechnical Survey and Analysis	Jim Dransfield	Carlo Evangelisti
5	Hydrodynamic Modeling and Geomorphology Analysis	Matt Brennan	Ryan Bartelheimer, Graeme Aggett
6	Engineering Evaluation and Design	Ryan Bartelheimer	Paul Smidansky

Project Goal

The goal of this project is to evaluate the technical and social feasibility of restoring high quality, tidally-influenced aquatic habitat on 1,237 acres of WDFW-owned land on Ebey Island, and, in consultation with the project Advisory Committee, to select a preferred alternative that would generate the greatest biological and social benefits.

¹ Washington Department of Fish and Wildlife, 16018 Mill Creek Boulevard Mill Creek, WA 98012-1541.

² AMEC Earth & Environmental, Inc.; AMEC's Bothell, Washington office is located at 11810 North Cr Pkwy N, Bothell, WA 98011 (Tel. 425-368-1000).

Project Schedule

Project Phases and Milestones	Start Date	End Date
1. Compile existing information	3/15/10	5/1/10
2. Describe existing conditions	4/15/10	6/1/10
3. Develop procedures and criteria to identify and evaluate restoration alternatives	4/15/10	7/1/10
4. Identify 10-12 candidate alternatives; select three alternatives for further study	5/1/10	8/1/10
5. Evaluate 3 alternatives; select a preferred alternative	8/1/10	11/1/10
6. Evaluate, refine, and describe a preferred alternative	11/1/10	2/1/11
7. Draft project report	2/1/11	3/1/11
8. Finalize project report	3/1/11	5/1/11

Advisory Committee Meeting Dates (Tuesdays)

Meeting No.	Date	Purpose of Meeting
1	4/27/10	Discuss existing information, evaluation process, and preliminary conceptual restoration alternatives (includes field trip to Ebey Island project area)
2	6/22/10	Summarize what we know about existing conditions, present and discuss 10-12 conceptual restoration alternatives; review evaluation criteria and selection procedures
3	8/10/10	Evaluate, rate, and select 3 alternatives for detailed modeling and analysis; discuss data and methods to be used to characterize and evaluate the different alternatives
4	11/16/10	Present and discuss results of evaluation of 3 alternatives; select and discuss refinements to the preferred alternative; discuss data and methods to characterize and evaluate the preferred alternative
5	1/25/11	Present and discuss results of the final analysis and design of the preferred alternative; discuss implementation strategy
6	3/22/11	Discuss and suggest revisions to the draft project report; discuss implementation strategy

* Advisory Committee meetings will be held either at the WDFW Mill Creek office or AMEC's Bothell office.

Project Deliverables

Deliverables	Due Dates
Element # 1: Public Engagement and Facilitation	
Memorandum re public engagement strategy	4/15/10
Draft “Public Outreach and Stakeholder Engagement Report” to be incorporated into Project Report	2/1/11
Final “Public Outreach and Stakeholder Engagement Report”	4/7/11
Element #2: Ecological Effects Analysis	
Database of ecological indicators, criteria, and evaluation results	2/1/11
Draft “Ecological Effects Analysis Report” to be incorporated into Project Report	2/1/11
Final “Ecological Effects Analysis Report”	4/7/11
Element # 3: Social, Cultural, Recreation, and Economic (SCRE) Effects Analysis	
Database of social and economic indicators, criteria, and evaluation results	2/1/11
GIS maps displaying social and economic impacts for different alternatives	2/1/11
Draft “Social, Cultural, Recreation, and Economic Effects Analysis Report” to be incorporated into Project Report	2/1/11
Final SCRE Report	4/7/11
Element # 4: Geotechnical Survey and Analysis	
Draft “Geotechnical Report” to be incorporated into Project Report	6/1/10
Final “Geotechnical Report”	2/1/11
Element # 5: Hydrodynamic Modeling and Geomorphology Analysis	
Technical memorandum: “Existing Hydrodynamic and Morphologic Conditions”	7/1/10
Draft “Hydrodynamic and Geomorphologic Assessment Report” to be incorporated into Project Report	2/1/11
Final “Hydrodynamic and Geomorphologic Assessment Report”	4/7/11
Element # 6: Engineering Evaluation and Design	
Draft “Alternatives Selection and Evaluation Report” to be incorporated into Project Report	2/1/11
Draft Project Report: “Ebey Island Restoration Feasibility Report”	3/1/11
Final Project Report: “Ebey Island Restoration Feasibility Report”	5/1/11

Contact Information

WDFW

Name	Organization	Phone	Email
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Consultant Team

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Dan Evans	Dan Evans Consulting	206-300-0835	danielsevans@mac.com

Stakeholder Advisory Committee

Name	Organization
Everett Alexander	Self (Adjacent landowner)
Jason Anderson	Stilly-Sno Task Force
Barney Bagwell	Dike District #1
Mike Blackbird	Pilchuck Audubon
Brian Bookey	Snohomish County Ag. Advisory Board
Andrew Corbina	WSU Snohomish County Extension
Dennis Dickson	Coastal Conservation Association
John Engel	Snohomish County PW
Kate Halstead	Snohomish Valley Tilth
Nick Harper	Cascade Land Conservancy
Ryan Hembree	Snohomish County Agriculture Coordinator
Janne Kaje	King Co. Snoqualmie- Skykomish Watershed.
Chuck Lobdell	Ducks Unlimited
Kurt Nelson	Tulalip Tribes
Casey Rice	NOAA
Mark Sadler	City of Everett
Sharon Swan	Snohomish County Parks and Recreations
Micah Wait	Wild Fish Conservancy
Scott Washburn	YMCA