

Project ENVVEST
Community Advisory Committee Meeting
Tuesday, October 26, 2004
7:00 PM
Jackson Park Community Center, Assembly Hall
Bremerton, WA

Meeting Minutes

Agenda

The draft agenda provided at the meeting will be attached to the end of these minutes. There were no changes to the draft agenda as discussed at the opening of the meeting.

Introductions

Community Chair, Field Ryan, called the meeting to order and asked for introductions of the Community Advisory Committee (CAC) Coordinating Committee: Douglas Palenshus (Ecology), Michael Rylko for Charles Bert (EPA), Dwight Leisle (PSNS & IMF), and attendees, which included Kitsap County community residents, local businesses, and city/government representatives. Following introductions the purpose of the meeting and draft agenda were reviewed.

Fecal Coliform Total Maximum Daily Load Technical Studies Update

PSNS & IMF Technical Project Manager, Dr. Bob Johnston, presented an update of Project ENVVEST Fecal Coliform TMDL technical study.

A summary of the beneficial uses of Sinclair and Dyes Inlets was presented. The key beneficial use with the most restrictive water quality standards is shellfish harvesting. Water quality criteria for fecal coliform to protect shellfish harvesting consists of two parts. Part 1 establishes an average concentration (geometric mean) of 14 colony forming units (cfu) per 100 milliliters of marine water. Part 2 of the standard accounts for short duration spikes in fecal coliform and requires that no more than 10% of the samples exceed 43 cfu/100 ml.

A conceptual model of microbial pollution was shown. The model identifies all the human inputs to fecal coliform pollution, the natural sources, and the various losses or die-out processes. This conceptual model formed the basis for our data collection process. Historical data from Kitsap County Health District, Washington Department of Health, and Kitsap County Surface and Storm water Management was compiled. To this historical data, additional ENVVEST data was collected from streams, storm water outfalls, and marine waters during storm events. The data was compiled and analyzed against the water quality standards to show those areas within the Sinclair and Dyes watersheds where fecal coliform exceed standards. The resulting data from captured sampling events were presented in a series of maps showing fecal coliform counts in marine waters and streams and storm water outfalls during both dry and wet seasons. These maps are now available on the Ecology website "Sinclair/Dyes Inlet Water Cleanup Plan Home Page".

The collected data was then integrated into a watershed model that correlates land use to fecal coliform concentrations. A series of graphs were presented that showed how well the watershed model predicts fecal coliform loading from various streams over several years of data collection. Through the combined outputs of the watershed model and a 3-D dynamic marine model of the two inlets, it is possible to predict pollutant distribution over time, with changes in tide, time of day, season, and wind.

The next steps in the fecal coliform TMDL technical study will be to complete the model verification using data collected from storm events during 2004, and then to use the integrated models to analyze various critical condition scenarios. Washington State Department of Ecology will then use the completed ENVVEST fecal coliform technical studies to develop a water cleanup plan designed to meet water quality standards and protect shell fishing.

Sally Lawrence, Washington State Department of Ecology, Water Cleanup (TMDL) Lead, provided the second part of the presentation, including a brief review of the water cleanup plans, uses of the Sinclair and Dyes Models, and review of the schedule and roles of the CAC.

The Water Cleanup Plan process includes review of historical data which has placed Sinclair and Dyes Inlets on the 303(d) list, the technical study, development of a strategy to clean up pollution, development of a detailed plan with public involvement, and finally implementation of the cleanup actions followed by monitoring to ensure goals are met.

The ENVVEST models will help us understand the current conditions of Sinclair and Dyes Inlets based upon current land uses, hydrology, and the sampling done to date. The models will also allow us to predict how hydrology and water quality will be different in the future. Kitsap County is developing rapidly with our population expected to increase by 22% in the next 10 years. Impervious surface will increase. Storm water discharges will also increase. Storm water is an efficient conveyor of fecals to streams and marine waters. The models can be used to do "sensitivity analysis" to determine what effect changes in storm water or stream flows may have on the marine waters and whether they can "tolerate" the predicted changes we will see in the future and still keep shellfish beds open.

The next steps in the Water Cleanup Plan process will be to run and analyze model scenarios to evaluate shellfish/water quality impacts (Jan-Apr 2005), Ecology will set load and waste load allocations for pollutant reductions (Jun-Jul 2005), review allocations/draft report and develop implementation strategy (Aug-Sep 2005), conduct public meeting to review the draft TMDL (Mar 2006), and finally submit the Final TMDL to EPA for approval (Jun 2006).

The opportunities for the CAC include: (1) participate in developing strategy for implementation by attending the 2005 ENVVEST CAC meetings, (2) provide a citizen voice in the TMDL process and local planning, and (3) keep decision makers aware of water conservation/forest conservation issues.

Proposed Group Decision-Making Process

At our last meeting, we discussed various options for defining what constitutes a voting member of the CAC. Several ideas on voting were presented by CAC attendees. Proposed ideas were: (1) members who regularly attend could be given more weight with their vote (e.g., one vote for each meeting attended), (2) a minimum of two consecutive meeting attendances before a member would be allowed to vote, and (3) community members could be well informed through the CD updates and websites without regular meeting attendance and should not be restricted from voting. The Coordinating Committee was asked to develop the proposals. A handout of the developed voting member proposals was presented.

Discussion of the proposals was varied. Attendees seemed to agree that any kind of weighted voting was cumbersome. It was reiterated that the ENVVEST CAC is an advisory group and the decisions made by the CAC are not necessarily binding, but can influence the direction of the studies and the cleanup plan. It was stressed by EPA and others, it is important that all meeting attendees be allowed to participate in advisory votes and express opinions. With that said, it was agreed that the process for making decisions be defined in the bylaws.

It was agreed that a subcommittee be formed to review existing guidelines for this and other similar public advisory groups and draft a change to the existing ENVVEST CAC bylaws. Steve Swanson agreed to head this subcommittee. The Coordinating Committee agreed to put out a notice to the mailing list to ask for volunteers to help Steve with the subcommittee.

Group Roles, Functions, Meeting Logistics

It was suggested that establishing a firm meeting schedule for 2005 that all of us can commit to and one that would make sense in relation to the stage of the TMDL study would be helpful to all.

It was also suggested that rotating the meeting locations around would be fairer to all public attendees throughout the Sinclair and Dyes watershed.

Attendees were reminded that ENVVEST CAC information is available as a link on the Ecology website "Sinclair/Dyes Inlet Water Cleanup Plan Home Page". The link provides meeting minutes and

presentations from past CAC meetings, as well as notifications of upcoming CAC meetings. The address to the website is:

http://www.ecy.wa.gov/programs/wq/tmdl/watershed/sinclair-dyes_inlets/index.html

The meeting was adjourned at 8:30 PM.

Current ENVVEST Overall Schedule

PSNS & IMF Project ENVVEST Overall Schedule																																
Calendar Year	2000				2001				2002				2003				2004				2005				2006				2007			
Quarter	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Project ENVVEST	K FPA																															
Model Development	[Pink bar]																															
Ecostudies	[Pink bar]																															
Public Involvement	[Pink bar]																															
FC TMDL Study (Inlets)									[Green bar]				[Yellow bar]																			
FC TMDL Study (Streams)													[Yellow bar]																			
Metal Sediment/Tissue TMDL																																
Sediment Metals Verification Study									[Green bar]				[Yellow bar]																			
Biota Study									[Green bar]				[Yellow bar]																			
Water Quality Monitoring/Modeling									[Green bar]				[Yellow bar]				[Yellow bar]															
Organics TMDL									[Green bar]				[Yellow bar]				[Yellow bar]															
DO TMDL																	[Yellow bar]															
Completed	[Green box]																															
Plan	[Yellow box]																															
	K ENVVEST Public Kickoff Meeting																															
	FPA Final Project Agreement Signed (Sept. 2000)																															

Next Meeting

The next meeting will be planned for January 2005.

Action Items

- Update the ENVVEST CAC mailing list based on today’s sign-up sheet.
- Send out notice to solicit volunteers for subcommittee drafting new bylaws.
- Plan out draft agendas, locations, and tentative meeting schedule for 2005 meetings.
- Schedule next CAC meeting.

ENVEST Community Advisory Committee Meeting

Jackson Park Community Center – Assembly Hall
90 Olding Road, Bremerton, WA
Tuesday, October 26, 2004, 6:45 p.m. to 9:00 p.m.

draft Agenda

Purpose of meeting: Further the working relationship between interested community members and the organizations responsible for managing environmental activities related to ENVEST; provide information and discuss processes for interaction, make decisions about how community input will be provided.

Objectives:

1. Review Fecal Coliform Total Maximum Daily Load (TMDL) activities
2. Present status of current and planned technical studies
3. Determine how CAC will decide on recommendations
4. Review and clarify membership, roles, functions, and strategies of community group

	<i>Agenda Topic</i>	<i>Speakers</i>	<i>Format</i>
6:45	Informal Conversation		Open House
7:05	Welcome/Intros/Agenda review/Ground rules	Facilitator— Douglas Palenshus	Meeting Process, Decision
7:10	Fecal Coliform TMDL Technical Studies Update	Bob Johnston & Sally Lawrence	Presentation, Q & A
7:45	Proposed Group Decision-making Process	Douglas/All	Discussion, Decision
8:15	Group Roles, Functions, Makeup/Meeting logistics	Douglas/All	Discussion, Decision
8:45	Meeting/Action Review, Next, Other	All	Review/Decide
9:00	Adjourn		

http://www.ecy.wa.gov/programs/wq/tmdl/watershed/sinclair-dyes_inlets/index.html