

COMMUNITY MONITORING PROGRAM ESQUIMAULT LAGOON STEWARDSHIP INITIATIVE – Data Sheet

All parts of this data sheet should be completed in full. Additional information may be put on attached pages if required.

SAMPLING DETAILS

Sampler Names: _____
 Sampler Position: _____
 Sampling Date: _____
 Sampling Start Time: _____
 48-hr Coliform sign-off: _____
 5-Day BOD sign-off: _____

ADDITIONAL COMMENTS:

WEATHER OBSERVATIONS (check appropriate category)

Cloud Cover: 0-25% 51-75% 26-50% >75%
 Wind Speed: None Light Moderate Strong
 Rain: None Light Moderate Heavy
 Air Temperature: _____°C

TIDAL OBSERVATIONS (Refer to tide table)

	Time	Height(m)	Ebb <u>OR</u> Flow
Low Tide:	_____	_____	
High Tide:	_____	_____	

Evaluation Procedure – Water Odor

Get close to the water surface and describe what you smell by the following:

Sulfur (rotten eggs): May indicate organic pollution, such as domestic or industrial wastes.

Musky: May indicate presence of sewage discharge, livestock waste, decaying algae or decomposition of other organic matter.

Harsh: May indicate the presence of industrial or pesticides pollution

Chlorine: May indicate the presence of over-chlorinated effluent from a sewage treatment facility of a chemical industry.

No Unusual smell: Not necessarily an indicator of clean water or soil. Many pesticides and herbicides from agricultural and forestry run-off are colorless and odorless, as are many chemicals discharged by industry.

Evaluation Procedure – Water Appearance

Look at sample against a white background.

Type 1) Green, Green-Blue, Brown or Red

Type 2) Light to Dark Brown

Type 3) Dark Red, Purple or Blue

Type 4) Foam

Type 5) Multi-colored (oily sheen)

Type 6) No unusual color

Evaluation Procedure – Soil Bank

Percent Bare Soil and bank erosion:

0- 10% = Stable, no sign of any bank erosion

11-40% = Erosion, in a small number of places

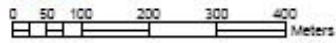
41-80% = Overall erosion evident

81-100% = Extensive Erosion

ELSI Community Monitoring Locations (September 2003)

Monitoring Locations

-  Fresh Water
-  Salt Water
-  Roads
-  Rivers and Streams



Projection: Universal Transverse Mercator - Zone 10 North
North American Datum 1983



Freshwater Data Sheet		
Site FW1		
Streambank Observations	Bank	Opposite
% Bare Soil		
Amount of Bank Erosion		
Water Observations	Type	Intensity
Water and Soil Odour		
Water Appearance		
Site FW2		
% Bare Soil		
Amount of Bank Erosion		
Water and Soil Odour		
Water Appearance		
Site FW3		
% Bare Soil		
Amount of Bank Erosion		
Water and Soil Odour		
Water Appearance		
Site FW4		
% Bare Soil		
Amount of Bank Erosion		
Water and Soil Odour		
Water Appearance		
Site FW5		
% Bare Soil		
Amount of Bank Erosion		
Water and Soil Odour		
Water Appearance		
Site FW6		
% Bare Soil		
Amount of Bank Erosion		
Water and Soil Odour		
Water Appearance		
Site FW7		
% Bare Soil		
Amount of Bank Erosion		
Water and Soil Odour		
Water Appearance		

Saltwater Data Sheet		
Site SW1		
Water Observations	Type	Intensity
Water Odour		
Water Appearance		
Site SW2		
Water Odour		
Water Appearance		
Site SW3		
Water Odour		
Water Appearance		
Site SW4		
Water Odour		
Water Appearance		
Site SW5		
Water Odour		
Water Appearance		

Field Notes:

Meter and Test Kit Data											
	SW1	SW2	SW3	SW4	SW5	FW1	FW3	FW4	FW5	FW6	FW7
Temperature °C											
pH											
Dissolved Oxygen (ppm)											
Turbidity (JTU)											
Nitrate (ppm)											
Nitrite (ppm)											
Ammonia Nitrogen (ppm)											
Alkalinity (ppm CaCO3)											
Salinity (ppt)											
CO2 (ppm)											
Chloride (ppm)*											
Phosphate (ppm)											
BOD (ppm)											
Coliforms											
% Saturation											

*not yet added to the test kit, 16 June 2008

AFTER ENTERING ALL FIELDS FAX TO CRD:

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