



# Wild Island Tour - the Changing Face of Coastal Forestry

## Teacher Professional Development Event

FESTIVAL OF FORESTRY

### Unique Pro-D experience for teachers - A FREE three day Forest Sector tour on Vancouver Island.

**July 8 - 11, 2010**

After 43 years the Festival of Forestry is trying something new! Instead of taking you out in the rain and snow, we are holding our first ever SUMMER forestry tour and we want you to join us.

How can you bring geography, social studies and science to life in your classroom? Bring the forest back to your classroom. Our three day tour will provide teachers of all levels and subject areas with curriculum-based, hands-on teaching tools.

The Wild Island tour will start in Chemainus with a tug boat tour of Jones Marine Services. Tugs are an important part of the forest sector in BC. From here we head to Mesachie Lake to the historic Forestry Research Centre, and a tour of old-growth and second growth Doug-fir stands. The next morning, the tour travels to Duncan for a visit to the BC Forest Discovery Centre. This open-air museum tells the story of BC's forest industry through a variety of exhibits.

This stop will set the stage for the rest of the tour. As we travel North to Nanaimo, we will visit Yellow Point Propagation (seed production for reforestation) and Coastland Wood Industries, a veneer production facility. The following morning we will visit Har-mac Pacific, an employee owned pulp mill and local success story. After lunch the entire afternoon will be spent in the forest where Island Timberlands and VIU Forestry will host the forest management aspect of the tour. Each evening will feature dinner at Vancouver Island University, presentations and a social for teachers. And the entire experience is absolutely FREE!

There will be opportunities to talk with First Nations, government, biologists, foresters, harvesters, and others. It's not just about trees and forests, the ecosystems include a wide range of values and along the way we will also visit related natural resource sites. ∞

[www.FestivalofForestry.org](http://www.FestivalofForestry.org)

### Who is the Festival of Forestry?

The BC Festival of Forestry is a non-profit organization committed to providing quality professional development experiences for school teachers.

We run tours twice a year taking 20 Lower Mainland and Victoria area teachers to rural communities in BC. The tours provide an interactive learning experience to enhance teachers' understanding of the complexities of sustainable forest management issues, and methods to integrate information into their classes.

Teachers have the opportunity to immerse themselves in a resource-based community and interact with the people most connected to resource

issues. Our tours include hikes in various forest ecosystems, visits to active forest management areas, protected areas, and tours of processing facilities. Presenters on each tour represent a wide range of interest areas providing a clear balance of perspectives.

Tours include mini-courses on tree identification, wildlife habitat issues, water quality and other riparian considerations in forest management, soil characteristics, ecosystem management, conservation and preservation of sensitive and special areas of the forest, as well as the social and economic values we gain from the forest. ∞

Check out our Facebook Group





# Wild Island Tour Overview and Planning Documents

## July 8 - 11, 2010

### What to expect:

Festival of Forestry tours are full of activity, we make sure every minute of your day is maximized! So, be ready to go! Because we are outdoors much of the time, please be sure to prepare yourself for all kinds of weather, that can include snow, rain and even sunshine! Often we are standing in one place for a while as a guide describes the site, so warm footwear is a must. You might want some spare Kleenex for those chilly noses, and sunscreen. We suggested that you layer your clothes, this way you can peel back a layer if it gets too warm.

None of our evening affairs are at all formal, we don't give you much time between arriving in the bus and joining the social, so please don't feel you need to bring anything fancy—the more dirt the more fun we have!

### What to bring:

We will be staying in forestry camp the first night and a hotel the next two nights, so you won't need any bedding or towels.

This is a suggested packing list:

- Pajamas (you will be sharing a hotel room!)
- Toiletries (tooth brush, tooth paste and so on)
- Sun screen (we can only hope)
- Sunglasses (again - with optimism)
- Day pack or bag to carry your gear
- Ziplock bags - some teachers like to take back forest treasures
- Note pad and pen/pencil
- All weather gear (warm and wet wear - hat too)
- Good footwear (closed toe, solid shoes or hiking boots are required, the mills and forestry sites will NOT let you in with open toes)
- Extra clothes in case you fall in a creek or a puddle!
- Snacks if you get hungry between meals
- Camera (film, extra memory card, batteries, charger etc.)
- Money for incidentals (beverages, candy, etc.)
- An open and inquisitive mind

#### Your tour guides are:

Kevin Davie  
Cell - 604-885-8267  
anikconsulting@dccnet.com

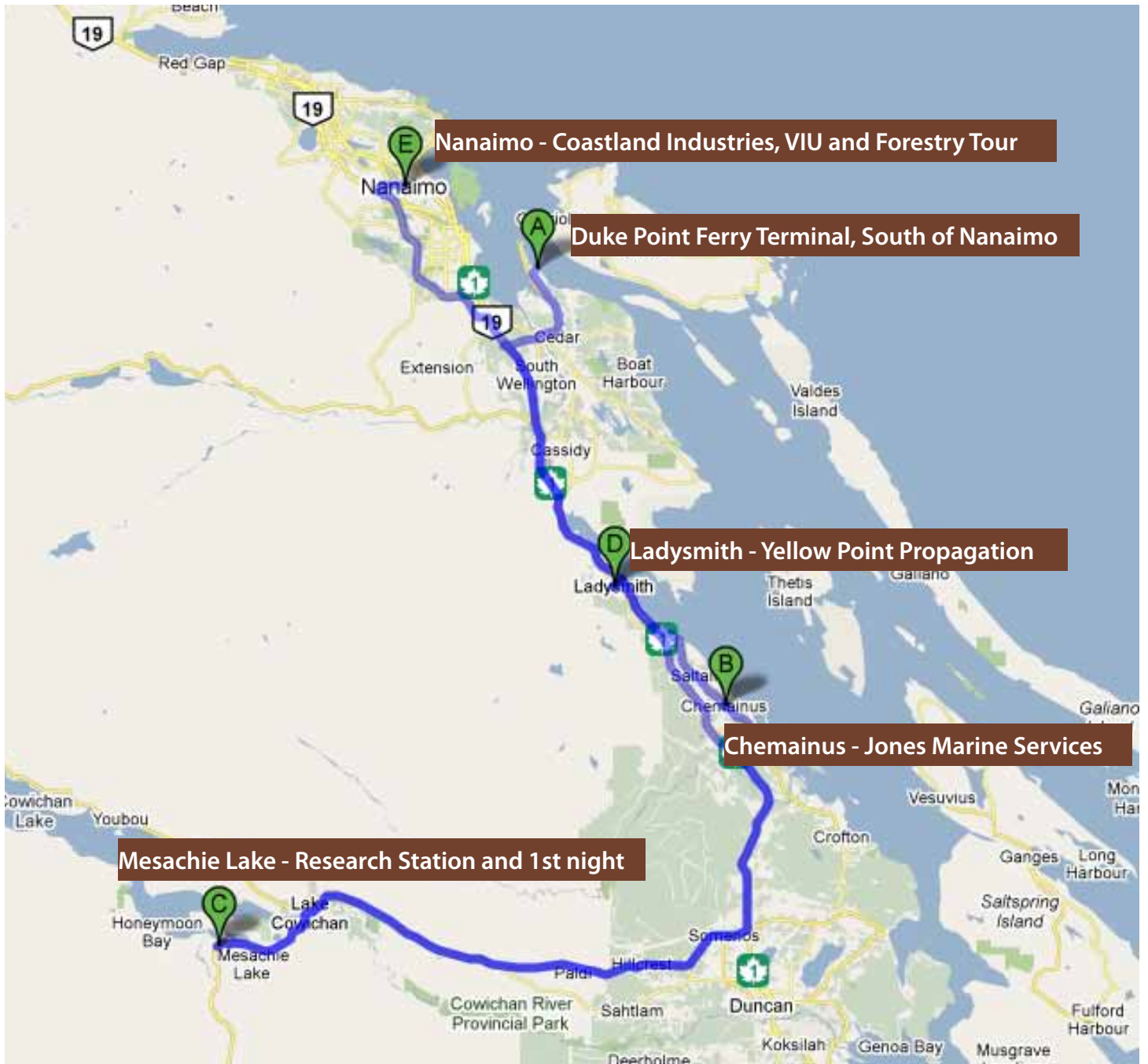
Gregor Campbell  
gcampbell@stmarg.ca

Sandy McKellar (coordinator in Vancouver)  
Cell - 604-916-9117  
sandy@treefrogcreative.ca

You will be given a hard hat for the tour, please bring it each day, and when the tour is over, it is yours to keep!

YOUR SAFETY IS OUR NUMBER-ONE PRIORITY

# Where are we going?



## Accommodations

Thursday, July 8th:

### Mesachie Lake Research Station

South Shore Road  
Mesachie Lake, BC.

Friday and Saturday, July 9th and 10th, 2010

### Days Inn – Nanaimo Harbourview

809 Island Highway  
Nanaimo, BC.  
Phone - 1-877-754-8171  
<http://www.nanaimohotel.com/>

### Mesachie Lake Research Station

Established in 1929 by the B.C. Forest Service, the Cowichan Lake Research Station has become renowned for its work in forest genetics and tree philosophy. One of its first projects shortly after the depression was Douglas Fir thinning plots. A work relief program for the unemployed hired sixty young men who built roads and trails, a cookhouse, bunkhouses, and a station residence, including a telephone service and a water system. These men were paid \$1.00 a day and morale was high. There was organized recreation as well as job training activities. At the end of 1935, 10% of these men found jobs in logging camps and sawmills. In 1936 a road was constructed linking the Research Station and the public road.



In 1941, the Station became a camp for reforestation and federal researchers. That same year a work camp was established to house conscientious objectors to the war. These people developed a reputation for careful tree planting and also as fire lookouts for feared Japanese incendiary bomb devices.


In 1945, The Dominion of Canada established a field laboratory for insect and disease research and eight years later the first forest genetic experiments were begun by Dr. Alan Ewing with Douglas Fir plantations.

During these early years, the Station served as a centre from which studies were conducted during the summer months. The objective of this research was to learn how to manage forests for future use. The studies involved growth and yield, thinning, stem pruning and direct seeding. The experimental forest provided good opportunities for this and study plots were established, primarily in Douglas Fir and alder stands, as well as a number of studies in soil mapping, site type classification and cone and seed production. Until the mid sixties, and with the completion of the Ministry's planting program in the area, a definite camp atmosphere dominated the Station. All workers, from the foresters to the labourers, stayed in camp and used it as a base for their work.

In 1963, the nursery was established to produce stock for provenance tests and tree breeding programs. A major expansion was undertaken in 1979 and up to 25,000 grafts and 350,000 rooted cuttings are grown annually. The camp and cookhouse operated on a full time basis and offered training courses to Ministry work crews and visiting groups. With the closure of many logging camp cookhouses, the station cookhouse was the only one of its kind in the area. In 1983 the Research Station was designated as a Forest Service Heritage Building.

Due to government cutbacks the cookhouse was closed in 1997. To this day the research station continues to operate and the cookhouse has been reopened to accommodate forest industry and Ministry seminars, although not on a full time basis.

**Thursday, July 8, 2009**

Time	Activity	Additional Information
9:45 AM	<p>VANCOUVER teachers arrive at the Tsawwassen Ferry Terminal.</p> <p>You will travel as walk-on passengers to Duke Point where you will walk off the ferry and get on the bus.</p> <p>Phred, our driver and de facto tour guide will take us to our first stop.</p>	<p>Festival of Forestry guides Sandy and Kevin will meet you at the entrance to the Departures Terminal. They will have your walk-on tickets and Kevin will accompany you onto the ferry and will be with you for the remainder of the tour.</p>  <p>This is Sandy - she will have a sign that says "Wood Rules"</p>
12:15 PM	Arrive Duke Point and board bus	<p>Our tour bus driver is named Phred. You will love him, he has been leading our bus tours for years. His bus logo says Forest Coach Tours. He will be waiting for you in the parking lot. Your Festival of Forestry tour guides are Kevin Davie (below left who you will know from the ferry) and Gregor Campbell (below right) who will join you at Duke Point.</p>

Phred and the Forest Coach Tours Bus



Kevin Davie



Gregor Campbell



12:45 PM	Depart Duke Point, Nanaimo and head to Chemainus	Our first destination is south of Nanaimo in Chemainus.
1:30 PM	Arrive Jones Marine Services	Daryl Jones is our contact here. Here you will learn about log transportation on the water. This is how much of our wood in BC is moved to the mill. If we are lucky, Daryl will even get you out on a log boom in the water!
3:00 PM	Depart Jones Marine and head out to Mesachie Lake Research Station.	This is about an hour long drive.

4:00 PM	Arrive at Mesachie Lake	We will quickly check in at the Research Station, and get our room assignments (you can pick who you want to share with or we can assign you to partners, as long as boys stay with boys and girls stay with girls!)
5:00 PM	Forest Management Walking Tour	Michel Vallee, a professor from the University of Vancouver Island's Forestry Department will guide us through a forest management walking tour at the Research Station.
6:00 PM	Dinner	
8:00 PM	Forestry 101 Presentation	Kevin Davie will give an overview presentation about forestry in BC, history, current issues, ect. The intent is to set the stage and start to give you a bit of vocabulary for the next two days.
9:00 PM	Social	

We have an early start tomorrow so please try to get lots of sleep and be ready for a full day!

## Photographs

Some facilities may have certain areas where photographs are not permitted, please respect these rules.

We are delighted when teachers share their pictures with us. After our return, these images are loaded onto our website so that you can share and download the full sized images. If you would like to include your photos on this site, please email them to Sandy

[sandy@treefrogcreative.ca](mailto:sandy@treefrogcreative.ca)

**Friday, July 9, 2010**

Time	Activity	Additional Information
7:30 8:30 AM	Breakfast in the cookhouse.	Please meet promptly for breakfast and be sure to collect your bagged lunch for the bus trip before you board the bus.
8:45 AM	Bus leaves Mesachie Lake - do not miss the bus! Please remember to bring all your belongings as we will not return.	
9:45 AM	Arrive at the BC Forest Discovery Centre	This stop includes several tours and presentations. We will also have our lunch here.

**The BC Forest Discovery Centre** is a 100-acre, open air museum with an operational railway in Duncan, British Columbia. The Centre features forest and marsh trails with excellent bird watching opportunities. The story of BC's forest industry is shared through exhibits, heritage buildings, and logging artifacts. Special events are offered throughout the year that include family activities and workshops for adults and seniors.

The BC Forest Discovery Centre is charged with collecting, preserving, educating and entertaining the public about forestry of the past, present and future as practiced in coastal British Columbia.

Go back in time to the 1930s and experience life as a logger living in camp. See where loggers slept and ate and discover what it was like to live in a camp community.

NOON	Lunch in the Discovery Centre Grounds	
1:00 PM	Depart for Ladysmith	This is a bout a 45 minute drive
1:40 PM	Arrive at Yellow Point Propagation	Our host here is Don Pigott

**Yellow Point Propagation** is a private silviculture company that has provided services for the past 27 years to the forest industry in British Columbia, other provinces in Canada, and other countries. These services include:

- \* Seed collection, processing, storage and sales.
- \* Tree improvement consulting.
- \* Silviculture and ecological restoration consulting.
- \* Gene conservation.
- \* Native plant seed collection and consulting.
- \* Poplar propagation and breeding.
- \* Christmas trees.

Yellow Point Propagation Ltd.  
 13735 Quennell Road  
 P.O. Box 669  
 Ladysmith, BC V9G 1A5  
 Tel : 250.245.4635  
[www.yellowpointpropagation.com](http://www.yellowpointpropagation.com)  
[ypprop@shaw.ca](mailto:ypprop@shaw.ca)

The company has been involved in cooperative research projects with various organizations in several European countries, Asia, and Chile. Yellow Point Propagation harvests tree seeds from both native populations and seed orchards which we have established to produce improved material.

3:00 PM	Depart Yellow Point	Our next stop is Coastland Industries in Nanaimo
3:30 PM	Arrive at Coastland Industries	Our host will be Clint Parcher 250-741-5953

**Coastland Industries** is a unique mill that processes small Douglas-fir logs into veneers used in the manufacture of an engineered wood product called Parallam. Parallam is the strongest engineered wood product and is used as a substitution material for steel in industrial and commercial building.

Coastland employs approximately 120 people at this location.

84 Robarts St  
 Nanaimo BC, V9R 2S5

Toll free #: 877-754-1962

5:00 PM	Depart Coastland	We will now move on to the last event of the day - dinner!
5:15 PM	Arrive Vancouver Island University 900 Fifth Street, Nanaimo, BC	This location will host our dinner and evening presentations.

Our evening meals both Friday and Saturday will be served at the Vancouver Island University.  
Tonight's menu selection includes:

Caesar Salad  
Greek Salad  
Roast Chicken, pearl onions and pepper corn sauce  
Vegetarian Lasagne  
Selection squares and slices  
Rolls and butter  
Coffee and Tea  
Ice water

Presentations:

Rod Bealing, President

Private Forest Landowners Association

Jonathon Lok

Past President of the Association of BC Forest Professionals

6:00 PM	Cash Bar and Mingle	
6:30 PM	Dinner is served	
7:30 PM	Presentations	

9:30 PM	Depart for hotel	
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We have another early start tomorrow so please try to get lots of sleep and be ready for a full day!

Saturday, July 10, 2010

Time	Activity	Additional Information
7:30 - 8:30 AM	Breakfast at the hotel (ABC Country Restaurant)	Please meet promptly for breakfast. We will return to this hotel tonight so you don't need to pack up all of your stuff until tomorrow.
9:00 AM	Bus leaves hotel for Harmac Pacific Mill	
9:15 - 11:30 AM	Harmac Tour	Our host is Paul Sadler 250-722-4200

**Harmac Pacific** operates a Northern Bleached Softwood Kraft (NBSK) pulp mill located near Nanaimo, British Columbia. Nanaimo Forest Products Ltd., the owner of the Harmac Pacific trademark, restarted the mill with a single production line on October 3, 2008, producing NBSK at the rate of 226,000 tonnes per year. In 2009, a second production line is projected to start up, bringing the mill's production capacity to 331,000 tonnes of pulp per year. Future capital projects may allow the production of 370,000 tonnes per year from a two-line configuration.

The Harmac mill produces high quality kraft pulps made from custom blends of Douglas fir, western hemlock, balsam fir and western red cedar. The pulp is sold in Europe, North America, the Pacific Rim and Latin America. With its strategic location on a deep water port, the mill is well situated for cost effective export of pulp and receipt of raw materials such as wood fiber.

Harmac Pacific  
1000 Wave Place  
Nanaimo B.C  
V9X 1J2  
Phone: (250) 722-3211  
info@harmacpacific.com  
www.harmacpacific.com



NOON	Lunch	
1:00 - 5:00 PM	Forestry Tour	

### Forestry Tour

We will spend the entire afternoon exploring the forests near Nanaimo. Various hosts will join us along the way, including the instructors from the VIU Forestry Department, Makenzie Liene, Manager of Sustainable Timberlands with Island Timberlands, and others from TimberWest.

Please be prepared to be outdoors most of the afternoon!



5:30 PM	Arrive Vancouver Island University 900 Fifth Street, Nanaimo, BC	This location will host our dinner and evening presentations.
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Our evening meals both Friday and Saturday will be served at the Vancouver Island University. Tonight's menu selection includes:

Field tomato and red onion salad  
Gathered mixed greens with raspberry vinaigrette  
Grilled marinated vegetable salad  
Roast medallions of Salmon, lemon cream sauce and fennel  
Grilled chicken paillard, caramelized onion jus  
Roasted new potatoes  
Seasonal market vegetables  
Rolls and butter  
Selection of pastries  
Coffee and Tea  
Ice water

Presentations:

Welcome to Nanaimo

Vancouver Island University Faculty Presentation

6:00 PM	Cash Bar and Mingle	
6:30 PM	Dinner is served	
7:30 PM	Presentations	
10:00 PM	Return to the hotel for well deserved sleep	

### Sunday, July 11, 2010

Time	Activity	Additional Information
7:30 - 8:30 AM	Breakfast in the hotel	Pack all your belongings, we will NOT be returning to the hotel.
9:00 AM	Leave the hotel for the ferry.	Please bring all of your belongings.
9:45 AM	Arrive at Duke Point Ferry for the 10:15 AM sailing to Tsawwassen	Kevin will accompany you back to the mainland. We encourage you to complete your tour evaluation forms and give them to Kevin before you depart.
12:15 PM	Arrive in Tsawwassen	A final farewell to all of your new friends as you depart home. Thank you for joining us.

Thank you for joining us and we hope you had a rewarding and educational experience.