

Welcome  
to a  
Workshop on  
Summer Lake and  
River Levels 2010:  
What's  
Happening?

*Cowichan Watershed  
Board & Cowichan Lake  
and River Stewardship  
Committee*



# Agenda

## I. Welcome

*Chief Lydia Hwitsum*

*Joe Allan*

## II. Cowichan Watershed Board

*Rob Hutchins*

## III. Summer Lake and River Water Levels 2010

*Craig Sutherland*

*- Break -*

## IV. Fisheries in the Watershed

*Tom Rutherford*

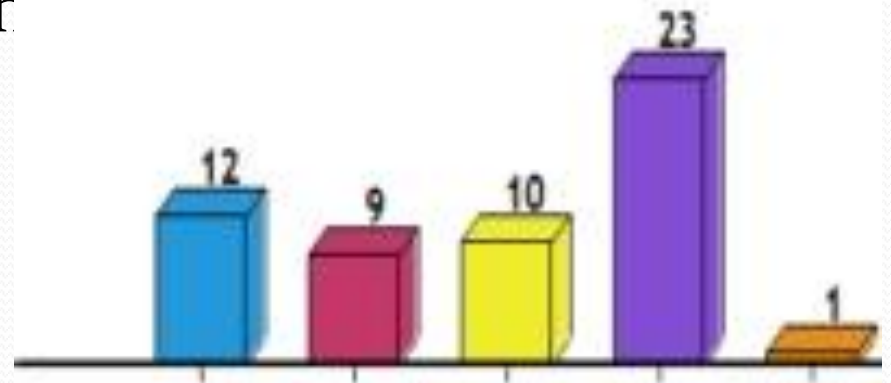
CWB Board Meeting & Field Trip



# Audience Question #1

## Which Cowichan Community do you live in?

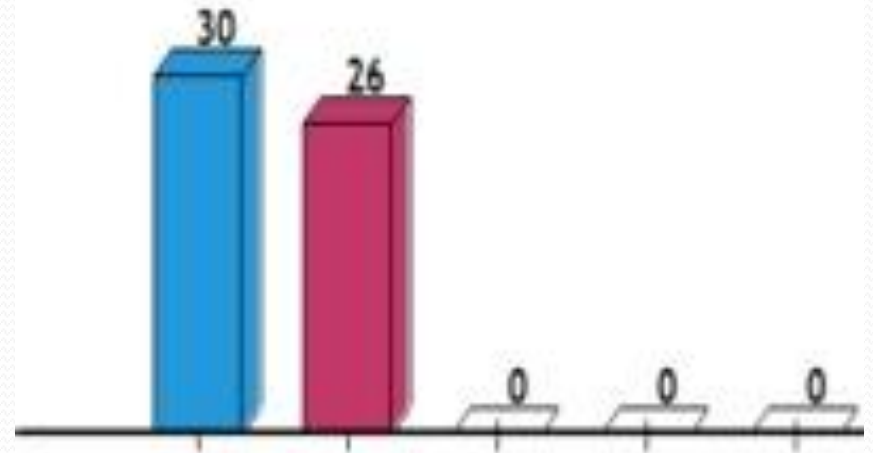
- A. Youbou/Meade Creek - (Area I)
- B. Town of Lake Cowichan
- C. Honeymoon Bay, Mesachie Lake, Skutz Falls - (Area F)
- D. Other



# Audience Question #2

**Do you or your family own or rent lakefront or riverfront**

- A. Yes
- B. No

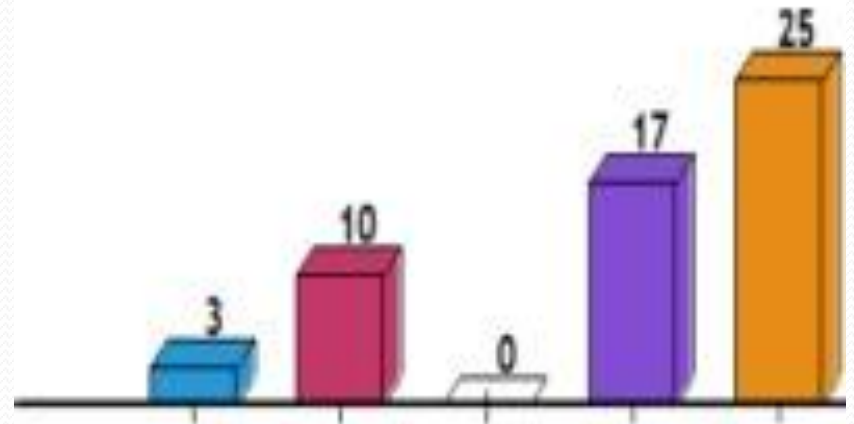




# Audience Question #3

How did you hear about this meeting?

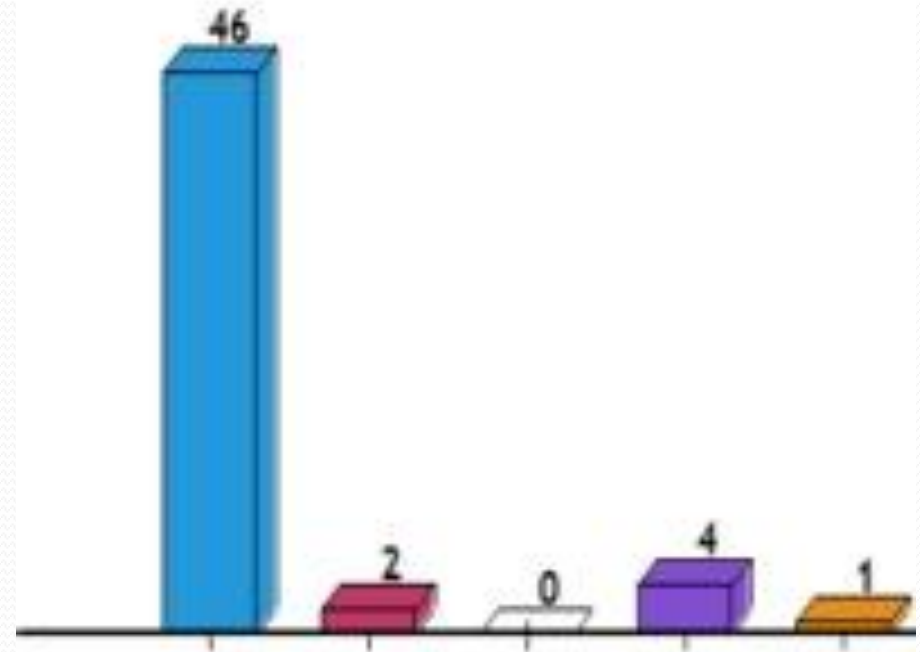
- A. Local Newspaper, Flyer
- B. E-mail, Twitter, Facebook.
- C. Radio
- D. Community Group
- E. Word of Mouth



# Audience Question #4

Is the Lake Cowichan Secondary School the best site for meetings like this in Lake Cowichan or would you recommend another site?

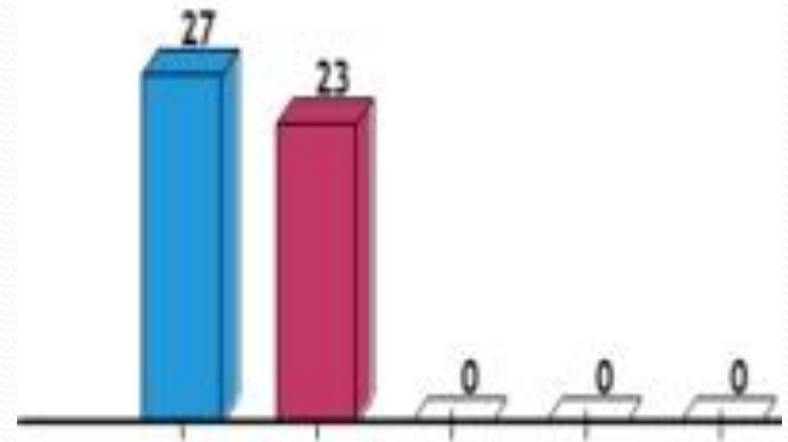
- A. Lake Cowichan Secondary School
- B. Centennial Hall
- C. Town Council Chambers
- D. Lake Cowichan Education Centre
- E. Other



# Audience Question #5

Is the Town of Lake Cowichan the most suitable location to host such meetings or should future meetings be rotated between Youbou, Lake Cowichan and Honeymoon Bay?

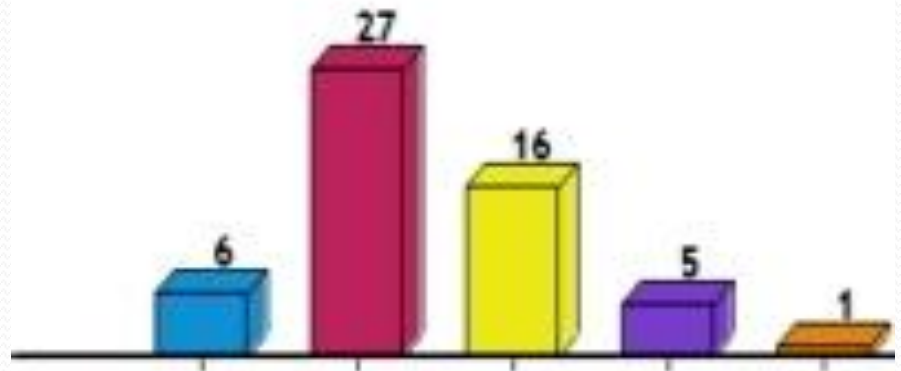
- A. Lake Cowichan
- B. Rotate between the three communities.



# Audience Question #6

At the end of each presentation there will be an opportunity to ask questions or make a statement. In the interest of allowing everyone's voice to be heard do you want to limit such question-statements to ...

- A. Thirty seconds
- B. One Minute
- C. Two Minutes
- D. Five Minutes



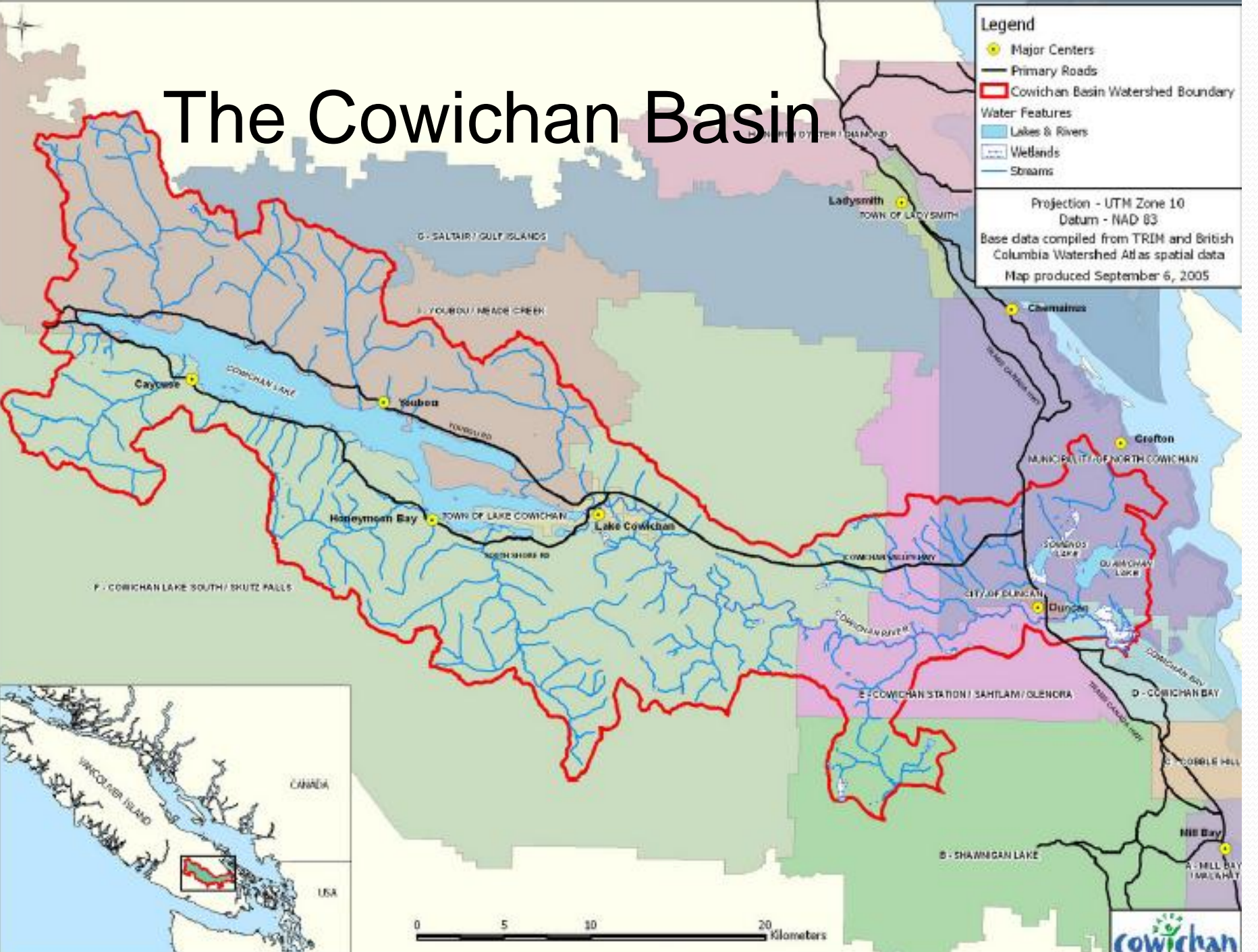


# The Cowichan Basin

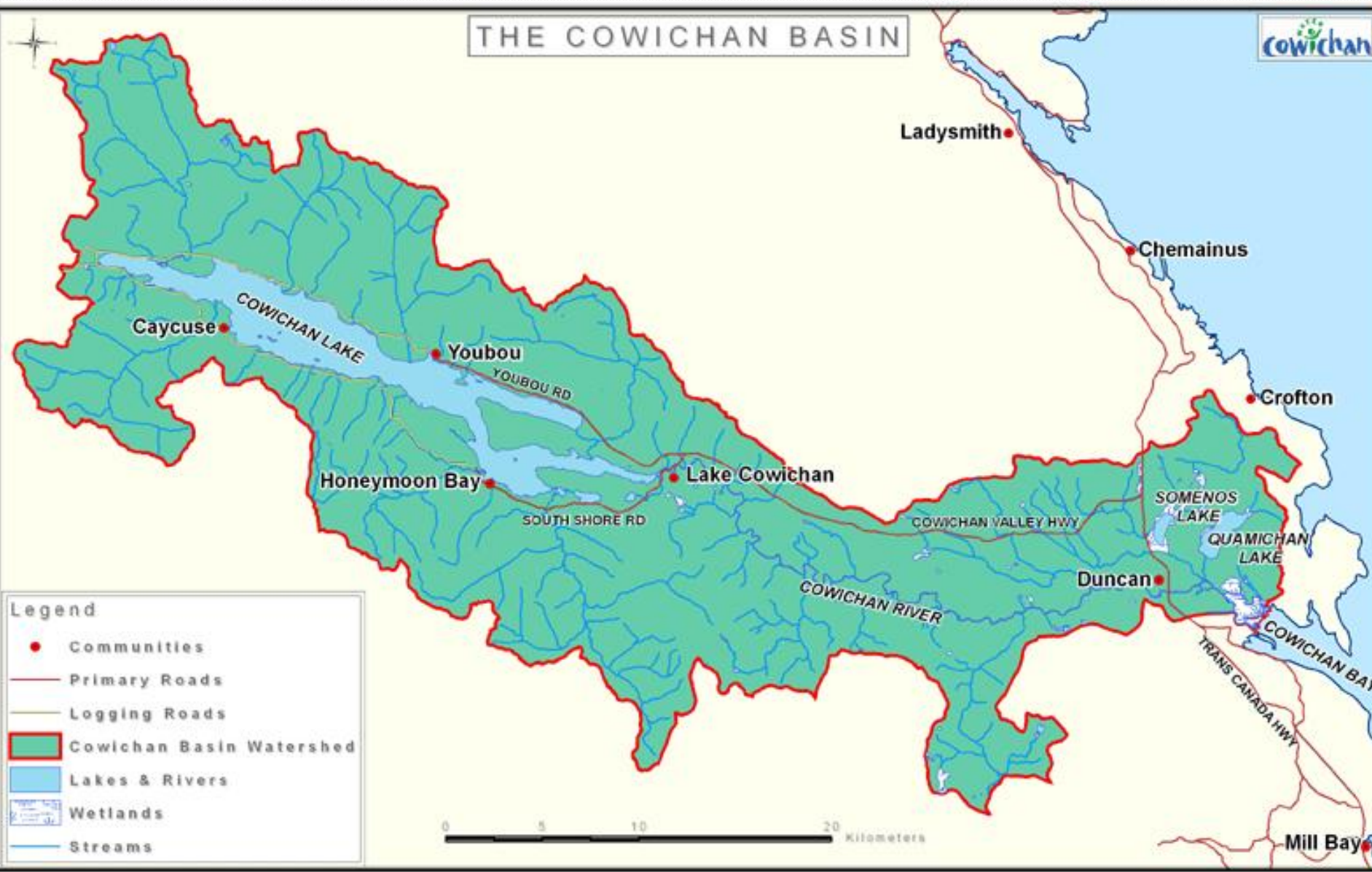
**Legend**

- Major Centers
- Primary Roads
- Cowichan Basin Watershed Boundary
- Water Features
  - Lakes & Rivers
  - Wetlands
  - Streams

Projection - UTM Zone 10  
Datum - NAD 83  
Base data compiled from TRIM and British Columbia Watershed Atlas spatial data  
Map produced September 6, 2005



# THE COWICHAN BASIN



**Legend**

- Communities
- Primary Roads
- Logging Roads
- █ Cowichan Basin Watershed
- █ Lakes & Rivers
- █ Wetlands
- Streams

0 5 10 20 Kilometers



Water Management Plan  
2004-2007 was developed  
through a partnership  
between the:  
CVRD,  
Cowichan Tribes  
BC Ministry of the Environment  
Fisheries and Oceans Canada  
Catalyst Paper  
Pacific Salmon Commission



A partnership of

Cowichan Valley Regional District  
BC Ministry of Environment  
Fisheries and Oceans Canada  
Catalyst Paper Corporation  
Cowichan Tribes  
Pacific Salmon Commission



March 2007

[www.cvrld.bc.ca](http://www.cvrld.bc.ca)

# VISION FOR WATER IN THE COWICHAN BASIN

*The Cowichan Basin community conserves and manages water to ensure reliable supplies for human use, thriving ecosystems, and a healthy economy.*



## **Establish a Cowichan Watershed Board with a mandate to -**

- Provide leadership for sustainable water management to protect and enhance environmental quality and the quality of life in the Cowichan watershed and adjoining areas.



# Cowichan Watershed Board Members

## **Cowichan Tribes**

- Chief Lydia Hwitsum\*
- Darin George

## **At Large**

- Hon. David Anderson
- Mayor Ross Forrest
- Bruce Fraser
- Tim Kulchyski

## **B.C.**

- Dr. Lorna Medd
- David Slade

## **CVRD**

- Rob Hutchins\*
- Lori Iannidinaro
- Klaus Kuhn

## **Canada**

- Don Radford

## **Special Advisors**

- Arvid Charlie
- Dr. Nicole Vaugeois
- Ted van der Gulik
- Others

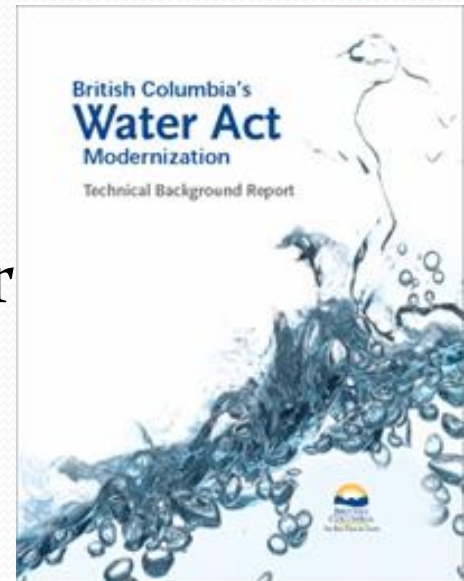
\* Co-chair

## Underlying Facts/Guiding Principles

- CWB has no regulatory authority – our role is to facilitate community education, advocate for best practices, and make recommendations to other authorities.
- 2010 is year for foundational work
- Our approach - bring parties together for learning, understanding, planning and decision making.

# Cowichan Watershed Board Meetings

- February 3<sup>rd</sup> (orientation, governance)
- March 6<sup>th</sup> (workshop with resource people)
- April 7<sup>th</sup> (Climate Change)
- May 6<sup>th</sup> (Water Act Modernization and Cowichan Inflows)
- June 3<sup>rd</sup> Cowichan Bay (Agriculture)
- July 24<sup>th</sup> Lake Cowichan (Summer Water Levels; Fisheries)



# CWB Accomplishments

- Governance Materials Board and Technical Advisory Committee (May 2010)
- Building Board Awareness and Understanding
- Recommended Actions for Work Plan
  - Goal 1 Maximize Efficiency of Water Use.
  - Goal 2 Manage Water Supply to Meet Needs
  - Goal 3 Protect and Enhance Natural Habitat
  - Goal 4 Manage Stormwater and Flooding
  - Goal 5 Increase Citizens Knowledge and Awareness
- \$150,000 Regional Gas Tax from CVRD for Cowichan Watershed initiatives

# CWB & CVRD -Fall of 2010

## Goal 1 – Workshop 1 - Water Conservation

- Water conservation strategies and how they can be embedded and considered in Official Community Plans and other plans and policies.
- Encourage addressing of leaks, metering, incentives, volume based pricing, best practice for conservation.



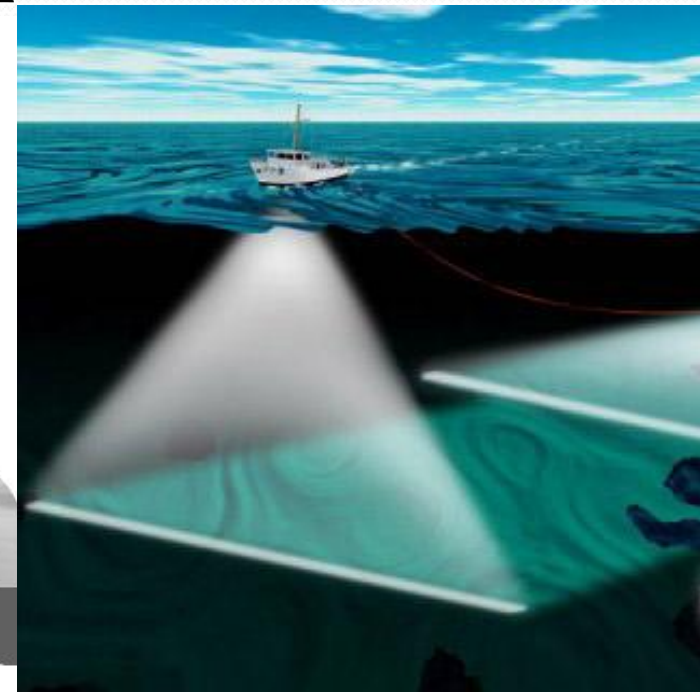
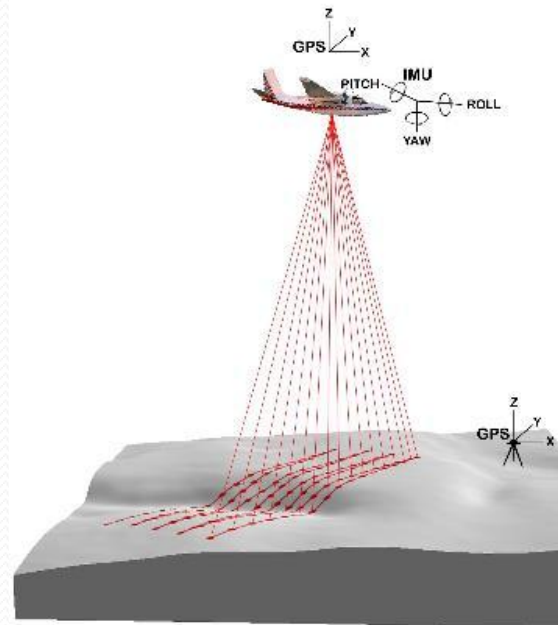


# GOAL 2 – Manage Water Supply to Meet Needs



- Defer community consideration of raising the weir until completion of four studies:

- LIDAR
- Bathymetry
- Erosion
- Localized climate change



## GOAL 2 – Manage Water Supply to Meet Needs



- To ensure adequate water flows  
CWB supports possible rule band vs  
rule curve proposal subject to  
completion of LIDAR, and fair and  
timely public consultation.

# Goal 3 Protect and Enhance Natural Habitat



## **Workshop 2 – Water Protection**

- Examine best management practices for rain water management and ground water protection in order to prevent contamination.
- Encourage coordinated approach to local government bylaws, OCPs and policies to support storm water management

## Goal 3 - Protect and Enhance Natural Habitat



### Workshop 3 - Aquatic/Riparian Habitat

Examine how Official Community Plans, bylaws and policies can be coordinated inter-jurisdictionally in order to protect and enhance riparian and aquatic habitats.



# Goal 4 – Manage Stormwater and Flooding

- **Workshop 4 - Integrated Flood Management**
- This workshop will provide input and feedback to the integrated flood management project.
- Facilitate Flood Plain Mapping





Questions?