



## AGENDA

**Committee of the Whole**  
**to be held on April 24, 2023 at 1:00 p.m.**  
**977 South Maquinna Drive in Council Chambers and by electronic means**

### Remote Access

**To attend this meeting remotely via Microsoft Teams/ phone**  
**Join the Village of Tahsis Microsoft Teams Meeting**  
[Click here to join the meeting.](#)  
**Or call in (audio only)**  
**Toronto, Canada**  
**+1 437-703-5480**  
**Phone Conference ID: 693 613 527#**

*Microsoft Teams may be hosted on servers in the U.S., so the name you use with Microsoft Teams and metadata about how you use the application may be stored on servers outside of Canada. If you have privacy concerns: a) don't create your own account with Microsoft Teams, b) provide only your first name or a nickname when you join a session, c) keep your camera off and microphone muted, as much as you can, and d) try to avoid sharing any identifying information.*

### Call to Order

### Land Acknowledgement

Mayor Davis will acknowledge and respect that we are meeting upon Mowachaht/Muchalaht territory.

### Introduction of Late Items

None.

### Approval of the Agenda

<b>Business Arising</b>	<b>H</b>	<b>1</b>	<b>Presentation by SRD Staff Re: Update on the Connected Coast Project</b>
-------------------------	----------	----------	--

<b>New Business</b>	<b>M</b>	<b>1</b>	<b>Presentation by Comox Strathcona Waste Management - Re: 2022 Solid Waste Management Plan and related topics.</b>
---------------------	----------	----------	---

### Adjournment

All Regular Council Meetings, Committee of the Whole Meetings and Special Council Meetings are recorded unless otherwise specified.

Village of Tahsis  
Committee of the Whole Agenda  
April 24, 2023

CONNECTED  
COAST



Bringing high-speed internet to rural and remote communities along the BC coastline, Haida Gwaii and Vancouver Island.

The Connected Coast Project is a joint venture between the Strathcona Regional District and CityWest.

# Introduction to Connected Coast



# Broadband Declared a Basic Service



CRTC has a universal service objective that Canadians in all communities should have access to voice services and broadband internet services on fixed and mobile wireless networks with a target speed of 50 Mbps down/10 Mbps up and unlimited data allowance

Provincial and Federal programs were developed to help fund projects:

- Connect to Innovate Program (Dec 2016)
- CRTC
- Universal Broadband Fund
- Economic Recovery Intake

March 2022 –The provincial and federal governments announce \$830 million to expand high-speed internet services to underserved rural, remote and First Nations communities located in British Columbia.

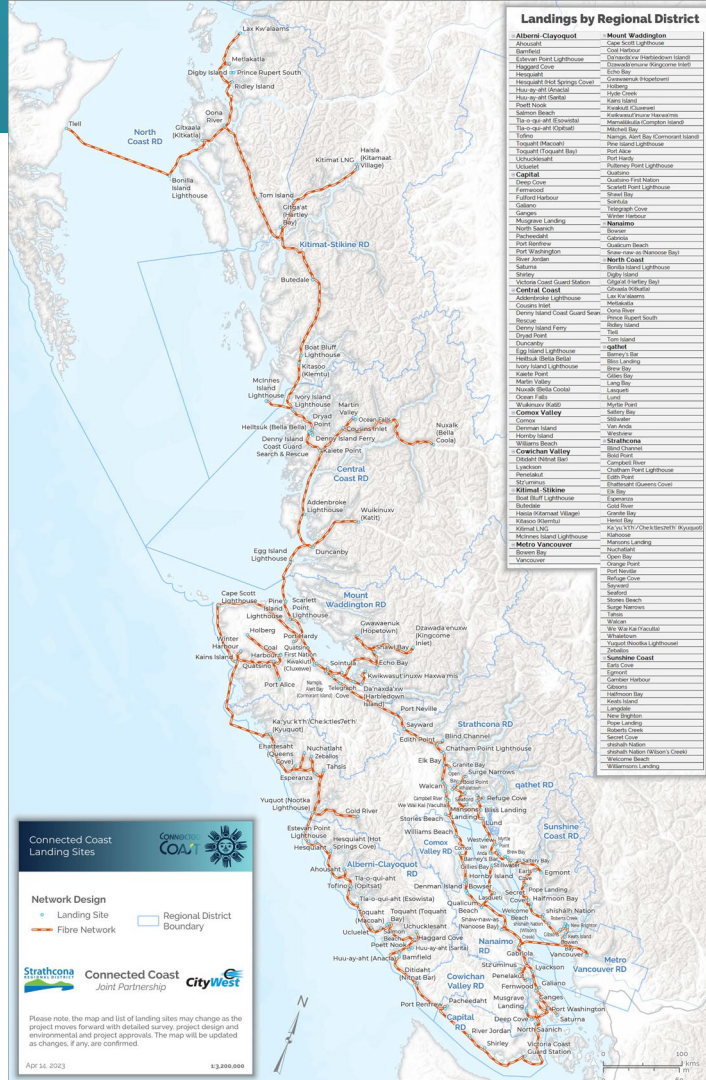




# Connected Coast Backbone Network

- Bringing backbone infrastructure to rural and remote communities along the BC coastline, Haida Gwaii and Vancouver Island
- Project runs north of Prince Rupert to Haida Gwaii, south to Vancouver and around Vancouver Island
- 154 coastal communities, 56 Indigenous communities representing 44 First Nations in 13 Regional Districts
- 3,400 km of subsea cable not including last mile
- Bringing future-proof backbone fibre infrastructure to communities
- Allowing residents in rural and remote communities access to many essential services such as online education, health and e-commerce

The Connected Coast Project is a joint venture between the Strathcona Regional District and CityWest.



# The Connected Coast Project

## More than an infrastructure project...

Brings back-bone infrastructure to communities with anchor institutions that currently have little to no service.



Potential to connect an estimated 175,000 British Columbians living in approximately 90,000 households.



Allows residents in rural and remote communities access to essential services, participation in the modern economy and civic life.



---

*"Broadband has the power to transform Rural Canada. Connectivity is now as important as roads and bridges to the sustainability of rural and remote communities, and to the success of rural institutions and organizations."*

*- Federation of Canadian Municipalities, 2014*

---



# Project Owners & Management

# Project Funding, Connect to Innovate Program



CONNECTED  
COAST



- \$47M project
- Federal Government – ISED (CTI Program)
- Department of Indigenous Services Canada (DISC)
- Province of BC/NDIT (Connecting BC)
- CityWest
- Strathcona Regional District



# Joint Venture Partnership Between CityWest & SRD

- Joint Venture true partnership that includes the entire network
- Mutual benefit, true partnership leveraging strengths of an ISP with Local Government
- Benefit of full redundancy within the Connected Coast network

## Strathcona Regional District

- Inter-governmental relations
- Community engagement
- Open procurement
- Permitting processes

## CityWest

- Founded in 1910
- Owned by the City of Prince Rupert
- Serve communities across the north of BC
- Internet, TV, phone, data
- > 18,000 customers
- > 120 employees



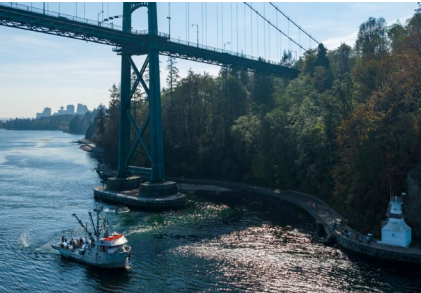


# Key Accomplishments

- 1,200 km of subsea cable deployed
- > 70 landing sites constructed
- Service to LaxKw'aams and Masset (Haida Gwaii)

## Additional Partners

- 12 Canadian Coast Guard (CCG) sites
- 25 Earthquake Early Warning System (EEWS) locations



# Connected Coast Partnerships



*"If you want to **go fast**, **go alone**;  
if you want to **go far**, **go together**"*

## Coast Guard/NRCAN

- Several operational units along BC's Coast
- Search and Rescue, Light Stations – partnerships with FNs
- Opportunity to improve communications infrastructure in remote areas along the coast – better emergency management services
- High-Capacity access & opportunity for redundancy at remote locations

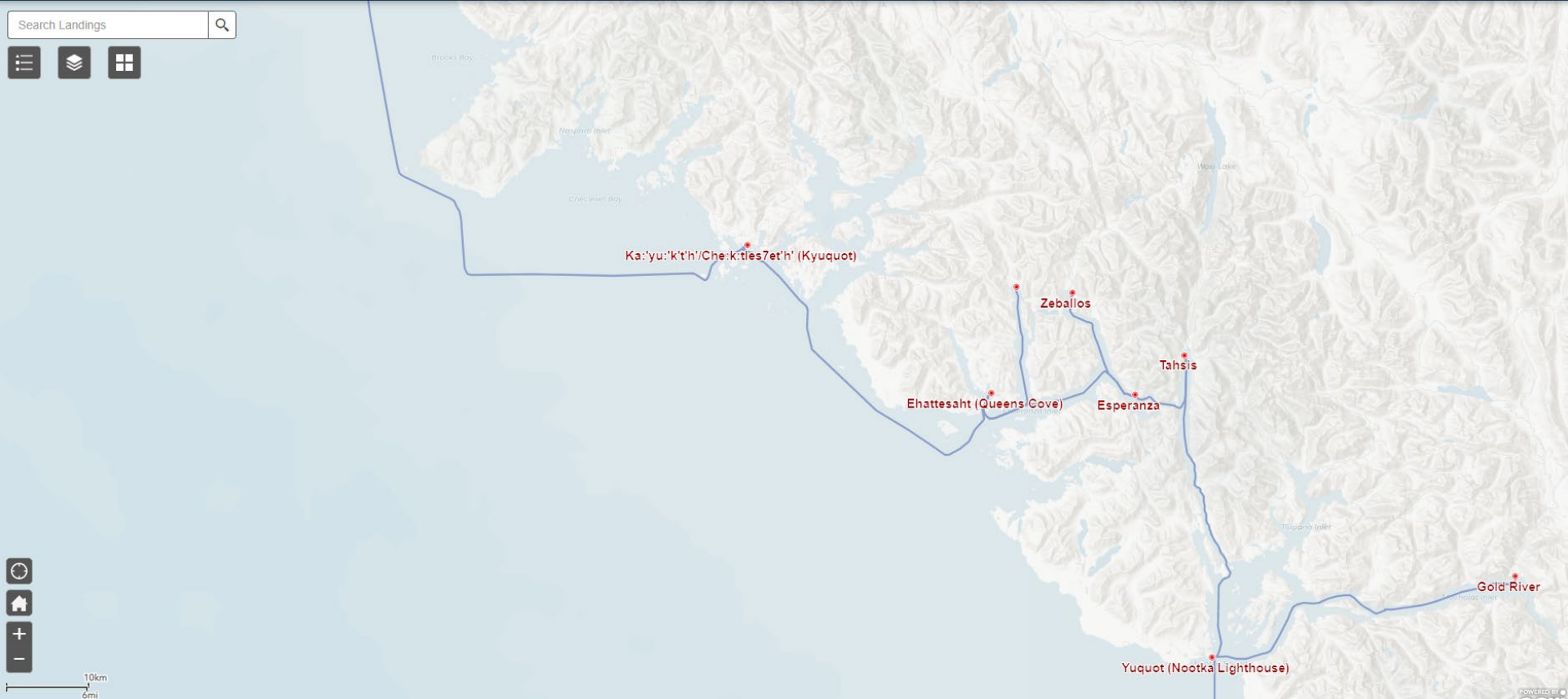
## Other potential collaborators

- Ministry of Education, School Districts, colleges
- Municipal fibre/smart city/data center projects
- Library Board
- Community cooperatives
- BC Ferries
- Health Authorities
- Ocean Networks



# Tahsis Landing Site

## Connected Coast Network



The Connected Coast Project is a joint venture between the Strathcona Regional District and CityWest.



# Southern Section

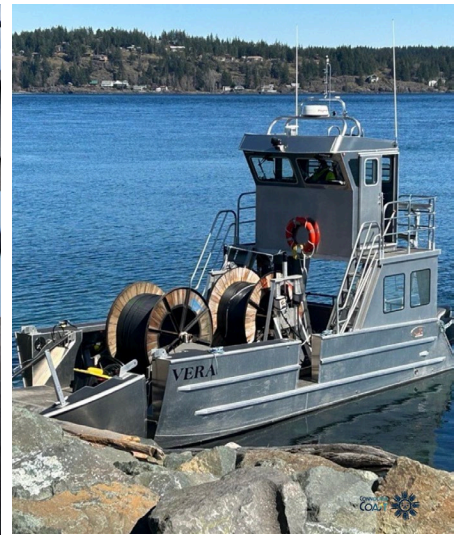
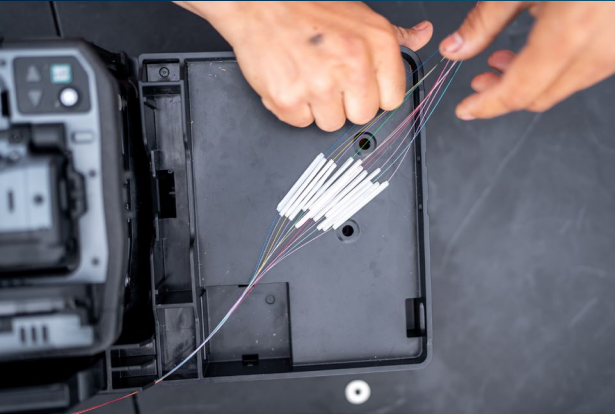
# Build Status Map

# Northern Section



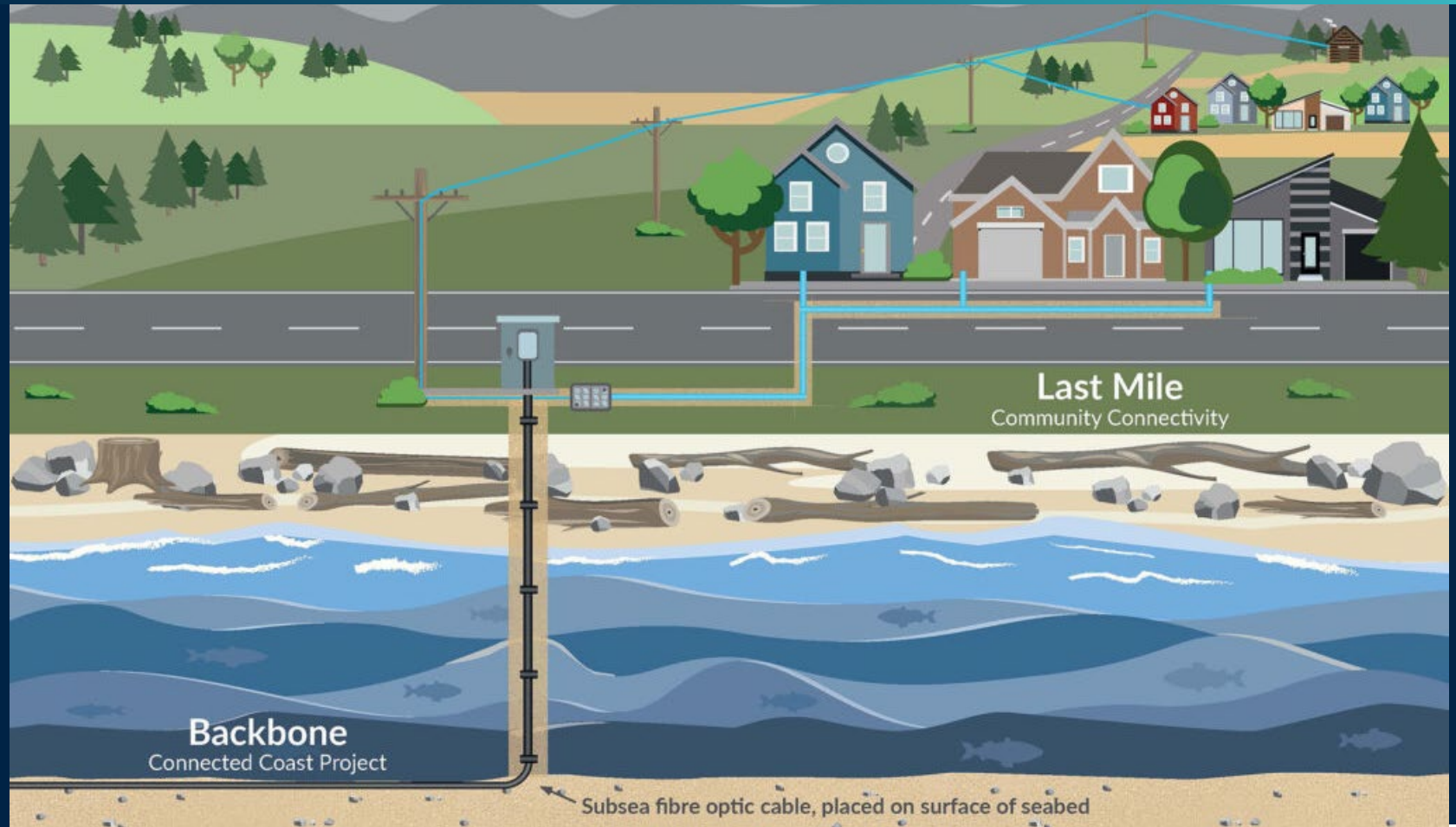


# Fibre, Subsea Deployment & Shore Landings



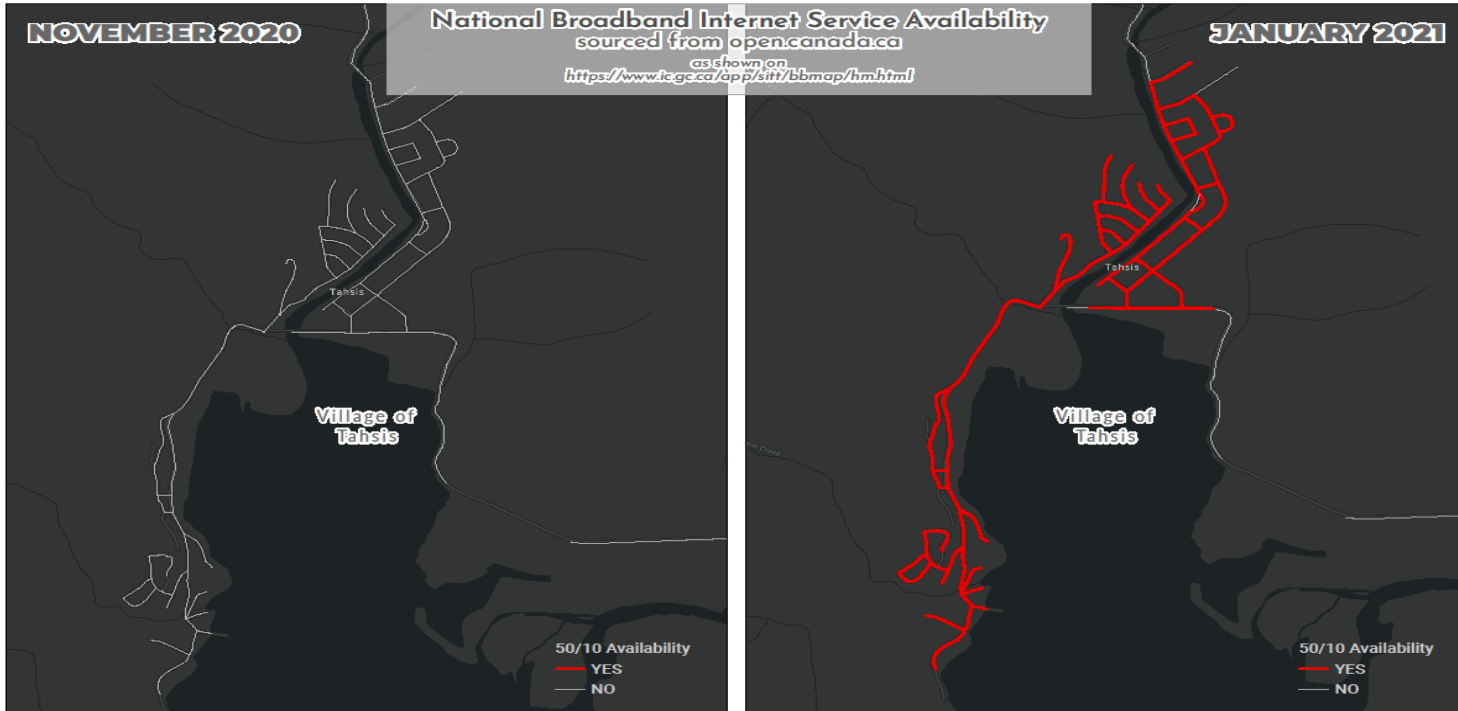


# Backbone vs Last Mile



# Served/Underserved Communities

## Federal Conductivity Mapping for Tahsis from 2017 – 2020 before a mapping update from Telus/Mascon in January 2021



# SRD Last Mile

- Some SRD communities ineligible for provincial and federal grants due to UBF Broad Band Map
- SRD partners with CityWest to borrow funds to complete last mile projects
- Last Mile Construction currently underway – Cortes Island (grant funded) and Gold River
- Remaining SRD Communities planned for 2023



Michele Babchuk, North Island MLA



# Questions?

CONNECTED  
COAST



The Connected Coast Project is a joint venture between the Strathcona Regional District and CityWest.

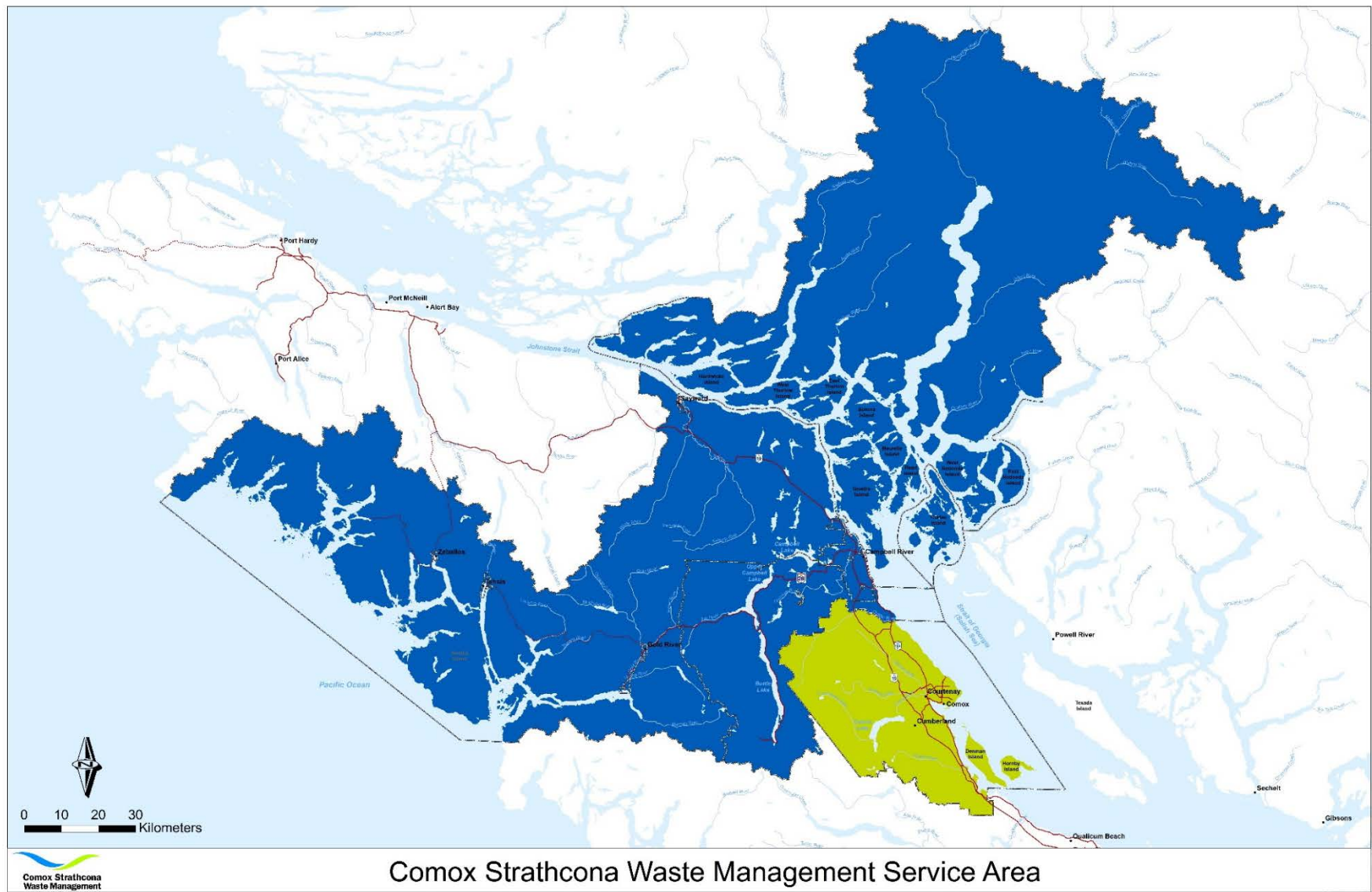


# Solid Waste Management Plan Renewal

Village of Tahsis Committee of the Whole  
April 24, 2023

Vivian Schau, Senior Manager of CSWM  
Sarah Willie, Mgr. of Solid Waste Planning and Policy  
Development





# Diverse Political Boundaries

## Municipalities

- City of Campbell River
- City of Courtenay
- Town of Comox
- Village of Cumberland
- Village of Gold River
- Village of Sayward
- Village of Tahsis
- Village of Zeballos

## Electoral Areas

- 4 in the SRD, about 10,000 people
- 3 in the CVRD, about 25,000 people
- Comprised of many different neighbourhoods, densities and desires

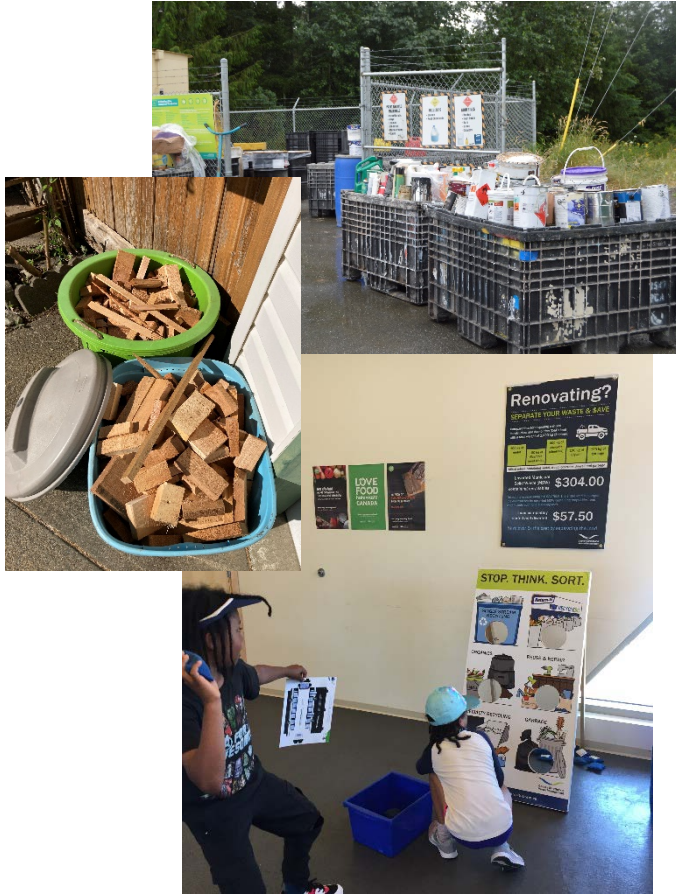
## First Nations Communities

- 10 unique inhabited communities in the CSWM service area where solid waste would be generated
- Ka:'yu:'k't'h'/Che:k'tles7et'h' is a treaty nation community

## Island Communities

- Hornby
- Denman
- Cortes
- Quadra

# Solid Waste Management Planning



- Solid Waste Management Plans (SWMP) are prepared by Regional Districts and mandated by the Province through the Environmental Management Act
- Plan to manage municipal solid waste (MSW) and recyclables in that boundary
- A regional scale allows for efficiency and effectiveness in the delivery of services and infrastructure investment
- Asks BIG questions about waste minimization, not just delivery of services or safe disposal



# Solid Waste Management Planning

- Creates a vision for the next 20-30 years, and guides the next 10 years including financial planning
- Can authorize funding the ideas and actions outlined in the plan
- Covers all aspects of solid waste management (collection, transportation, disposal, waste reduction, financing, education etc.)
- Renewal of the SWMP seeks to build on past work and incorporate sector shifts



# 2012 SWMP – Key Highlights

- Residual Waste Management
- Organics Waste Diversion
- Recycling Depots and Extended Producer Responsibility
- Illegal Dumping
- Education and Promotion
- Unified Transportation Model



# The Four-step Planning Process

- Consultation is not a separate step, it needs to be undertaken across all steps
- Parallel consultation with First Nations communities within the CSWM service area



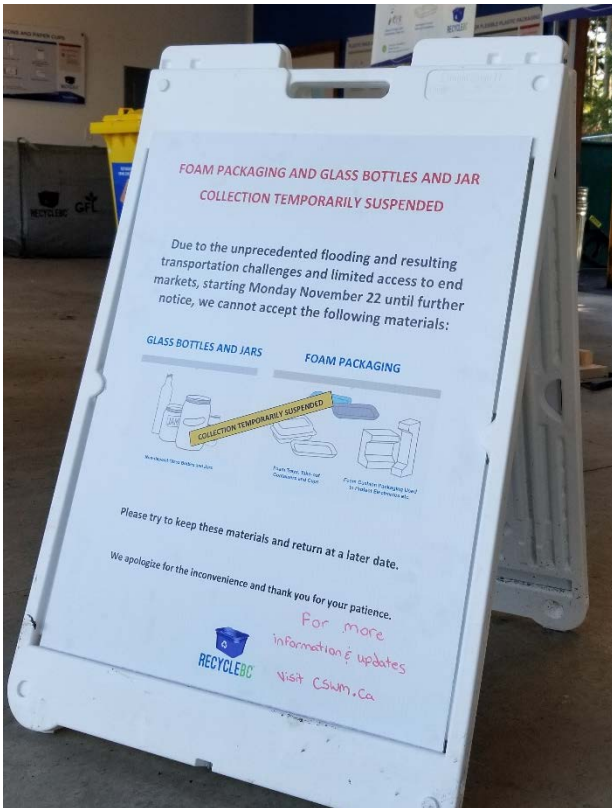
# Step 1: Initiate the Planning Process

- Initiate the plan update, identify the plan area and scope of work
  - Out of scope will be the pursuit of additional regional residual waste disposal options beyond the expansion of the approved engineered landfill
- Establish the advisory committee
- Design the consultation plan with input from the committee



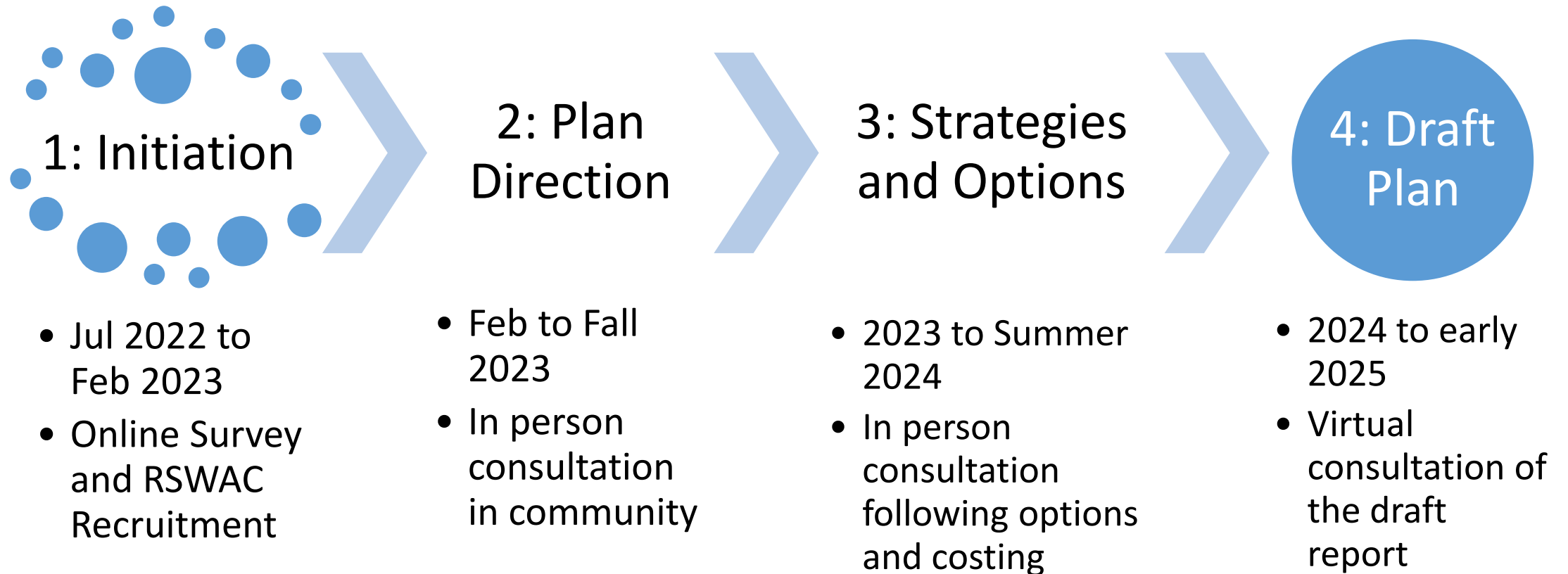


## Step 2: Set the Plan Direction



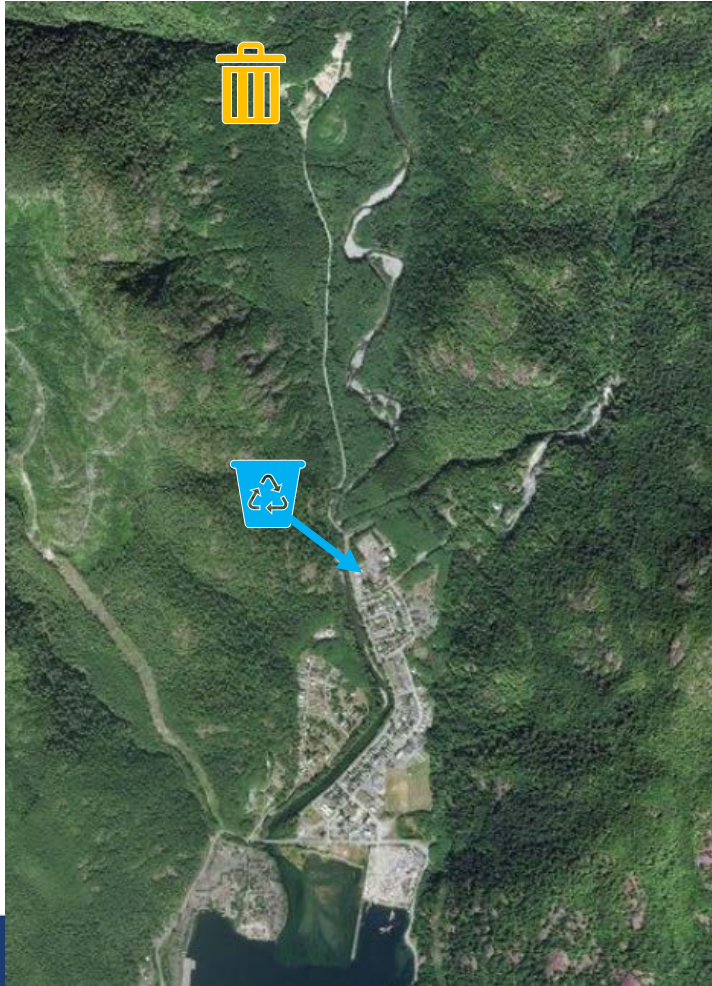
- Establish locally relevant guiding principles and goals that are complementary to the Provincial ones
- Save the targets for later, when cost implications are better understood
- Prepare background information and assess the current solid waste system
- What is working well, and what areas do we see we could improve on, identify trends, plan for climate
- Consult the public on the proposed principles, and goals including current system and future trends

# Working SWMP Renewal Timeline





# Village of Tahsis



- Recycling Depot is centrally located at the public works yard
- Landfill is owned and operated by CSWM located north of town
- 145 km, 2.5 hr drive to CRWMC through Gold River

# Tahsis – Diversion Operations

- Recycling Depot accepts standard Recycle BC materials, motor oil, and electronics
- Hours are Tuesday to Saturday 8:00 am to 3:30 pm, 1,950/yr
- CSWM has an agreement with the Village for the operations of the landfill and recycling
- The depot has a community food waste composter secured in a seacan

# Tahsis – Municipal Services

- Weekly curbside garbage collection from single and multi-family households
- Dumpsters provided to businesses, and serviced by the Village
- Multiple bear proof dumpsters located around the Village
- Free Store – located with the Depot

# Tahsis - Landfill

- Received an estimated 650 tonnes of MSW in 2022
- No scale on site, and no charge for disposal of waste
- The landfill is fenced
- Leased from the Crown





# Tahsis - Landfill

- Yard waste and wood waste are segregated and either burned, or chipped for cover
- Scrap metal is hauled to CR paid by 391
- Tires are segregated and managed through EPR
- Open Wed 8 am to 3:30 pm and Sat 10 am to 3:30 pm, 676 hours
- Anticipated year of closure 2030





# Village of Tahsis

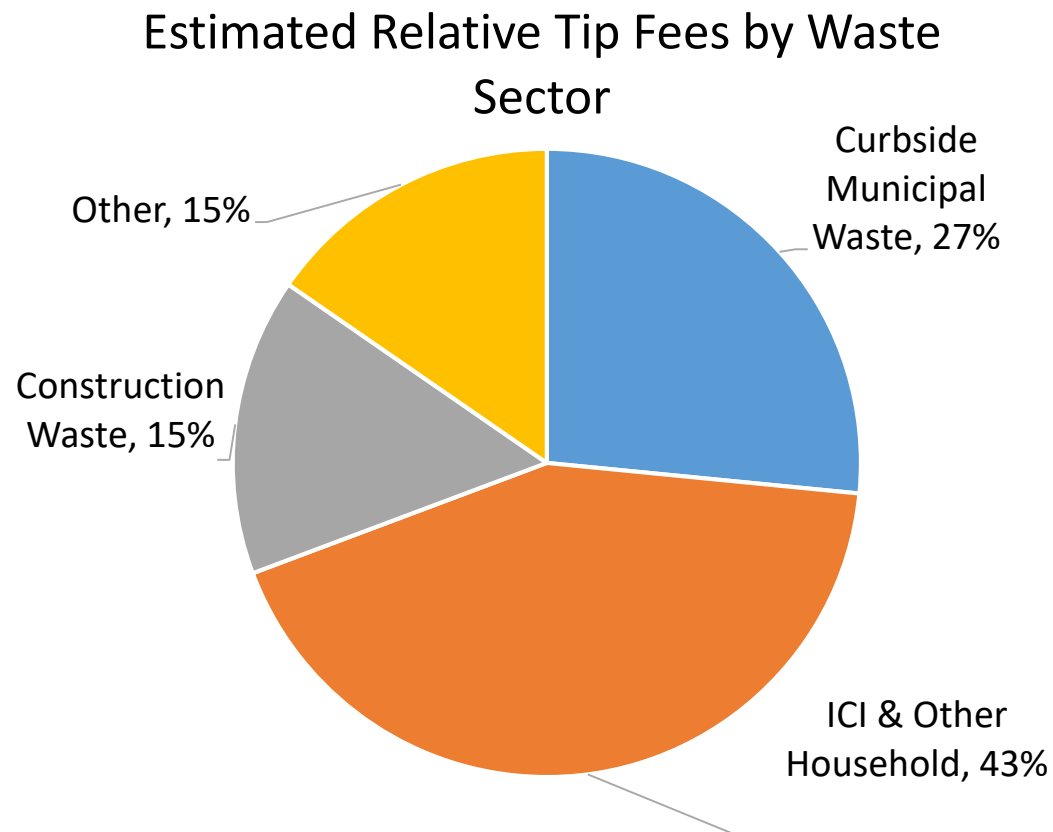
- 2023 Requisition Value for 391: \$7,535
- 2022 Tipping Fees to 391: \$10
- Scrap metal and EPR Revenue: \$12,800



- Approximate Contribution to Services from 391: \$197,300

# 30,000 ft Level Finances

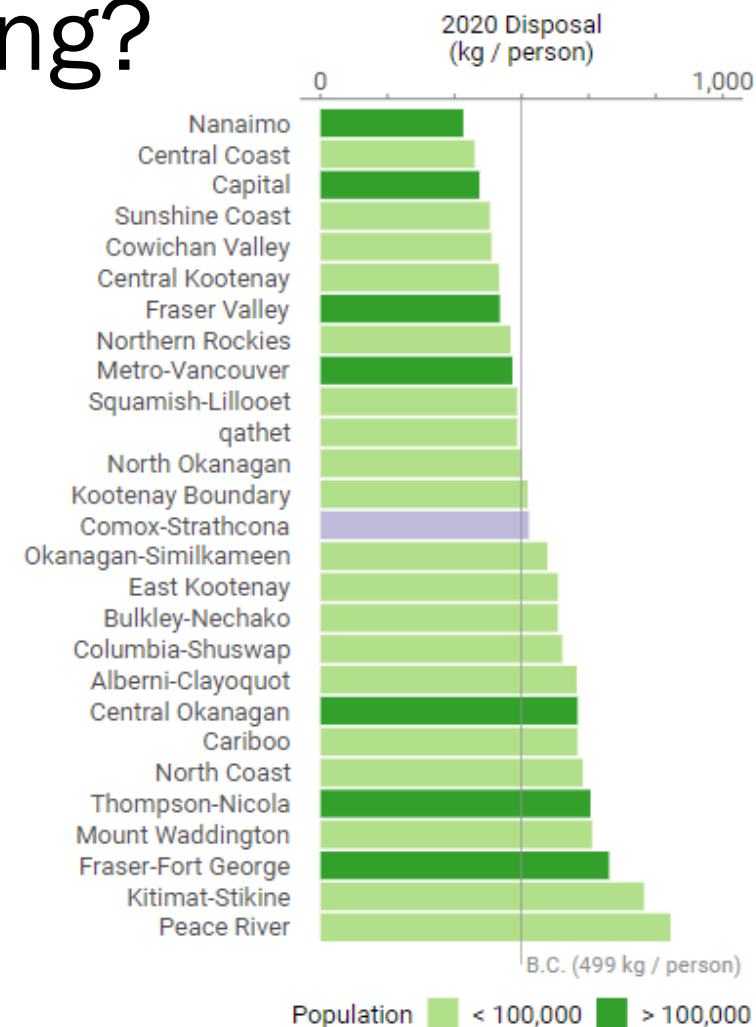
- Main CSWM service was established by Bylaw No. 1822
- The operating budget to support this service is \$17 million annually
  - Tip fees \$10,421,680
  - Recoveries \$343,000
  - Tax requisition \$5,550,000
- The overall reserve fund is around \$7.8 million



# How are We Doing?

## 2012 SWMP Objective #1 Minimize Waste Generation

- “Disposal Rate” is the total tonnage of MSW generated divided by the population served
- CSWM 2011: 610 kg/capita/yr
- CSWM 2020: 518
- BC average: 499
- Ministry Target: 350





# How are We Doing?

## 2012 SWMP Objective #2 Reduce Greenhouse Gas Emissions

- Installed landfill gas (LFG) collection system at CVWMC for Pidgeon Lake and Engineered Landfills 2016-2022
  - 5-8% of LFG used beneficially
- Installed LFG collection system at CR landfill 2022
  - Waiting for parts to commission
- No large scale beneficial use of the LFG yet



# How are We Doing?

## 2012 SWMP Objective #3

### Environmentally Responsible & Compliant Residual Waste Management

- Environmental monitoring programs for 7 landfills
- Leachate capture and treatment from Engineered Landfill
- Closure of Campbell River and Pidgeon Lake Landfills



Thank You

Questions?