



# AGENDA

**Agenda for the Regular Meeting of the Tahsis Village Council  
to be held on October 15, 2019 in the Council Chambers  
Municipal Hall, 977 South Maquinna Drive**

**A. Call to Order** Mayor Davis will call the meeting to order at 7:00 p.m.

**B. Introduction of  
Late Items**

**C. Approval of the  
Agenda**

**D. Petitions and  
Delegations** None.

**E. Public Input # 1**  
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\_\_\_\_\_

**F. Adoption of the  
Minutes**

- 1 Minutes of the Regular Council meeting held on October 1, 2019
- 2 Minutes of the Committee of the Whole meeting held on October 8, 2019

**G. Rise and Report** None.

**H. Business Arising** 1 Report to Council Re: Recreation Centre 2019 Q3 attendance and revenue report

**J. Council Reports**

- 1 Mayor Davis
- 2 Councillor Elder
- 3 Councillor Fowler
- 4 Councillor Llewellyn
- 5 Councillor Lambert

**K. Bylaws** None.

**L. Correspondence**      1      **2017 CEPF: Flood Risk Assessment, Flood Mapping & Flood Mitigation Planning- Sea Level Rise Coastal Mapping Assessment- Re: Final Report**

2      **Letter from Honourable Katrine Conroy, Minister of Children and Family Development Re: Foster Family Month**

**M. New Business**      **None.**

**N. Public Input #2**

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**P. Adjournment**

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**Minutes**

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<b><u>Meeting</u></b>	<b>Regular Council</b>
<b><u>Date</u></b>	<b>01-Oct-19</b>
<b><u>Time</u></b>	<b>7:00 PM</b>
<b><u>Place</u></b>	<b>Municipal Hall - Council Chambers</b>

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**Present** Mayor Martin Davis  
 Councillor Bill Elder  
 Councillor Sarah Fowler  
 Councillor Lynda Llewellyn

**Regrets** Councillor Josh Lambert

**Staff** Mark Tatchell, Chief Administrative Officer  
 Janet StDenis, Finance & Corporate Services Manager  
 Stephane Dionne, Fire Chief

**Public** 2 members of the public

**A. Call to Order**

Mayor Davis called the meeting to order at 7:00 p.m.  
 Mayor Davis acknowledged and respected that Council is meeting upon  
 Mowachaht/ Muchalaht territory

**B. Introduction of Late Items and Agenda Changes**

2 Late items. Under correspondence as "L3" Letter of Support for  
 Greenways Trust grant application re: food security and under New  
 Business as "M3" an email from Councillor Lambert Re: Resignation from  
 Council.

**C. Approval of the Agenda**

**Fowler/Elder: VOT 428/2019**

**THAT** the Agenda for the September 17, 2019 Regular Council meeting be  
 adopted as amended.

**CARRIED**

**D. Petitions and Delegations**

**None.**

**E. Public Input # 1**

None.

**F. Adoption of the Minutes**

**1 Minutes of the Regular Council meeting held on September 17, 2019**

**Llewellyn/Fowler: VOT 429/2019**

**THAT** the Regular Council meeting minutes of September 17, 2019 be adopted as presented.

**CARRIED**

**G. Rise and Report**

None.

**H. Business Arising**

**1 Nootka Sounder Advertising- 2020 Rate Sheet**

**Llewellyn/Elder: VOT 430/2019**

**THAT** this information be received.

**CARRIED**

**Fowler/Elder: VOT 431/2019**

**THAT** a 1/6 page advertisement using the same proof copy as 2019 be approved.

**CARRIED**

**J. Council Reports**

**Mayor Davis (written report)**

It has been a very busy time lately! I have just come back from a week attending the Union of BC Municipalities convention in Vancouver, with Councillor Llewelyn and our CAO. But before that, I also attended a Comox-Strathcona Regional Health Board meeting and an impromptu Strathcona Regional District regarding the Connected Coast fibre optic project.

At UBCM, we met with the Provincial Forests, Environment, Agriculture and Transportation ministers, as well as staff from Health, BC Wildfire Service, Emergency Services, and Telus representatives. With the Minister of Forests, topics discussed included; the Community Forest proposal, McKelvie preservation, logging on the ridge above the school and the hiking trail on the ridge. Decision on a community forest apportionment would likely not occur until 2021. In the meantime, we will continue to meet with the Mowachaht/Muchalaht about a partnership proposal. We have also been told that Western Forest Products is deferring moving into McKelvie for now.

Separately, we have recently learned that the Mowachaht/Muchalaht have apparently interceded, as is their constitutional right, into the process that determines the Annual Allowable Cut in our area, which will slow down the Timber Supply Review process here and introduce a new dynamic to the review.

Our meeting with the Minister of Environment was largely dealing with the potentially contaminated site on WFP lands in Tahsis and what the provincial government is willing to do to compel some sort of study and remediation, if needed at the site. I also raised the issue of the large abandoned industrial dump, adjacent to our municipal dump and what can be done to assess its safety and potential leachates to the Tahsis River adjacent to it.

We met with the Minister of Transportation regarding the safety and condition of the Head Bay FSR, in light of the recent tragedy on the Bamfield Road. We also noted some of the accidents that have happened on our road in the past, including that bus rollover a few years ago, that fortunately did not lead to serious injuries. We continue to advocate for chipsealing the entire road, better signage, and repairs to be affected to the side washouts that make so many of the curves hazardous. The minister noted that the contractor is in compliance with contract specifications, to which I made clear that the specs are not good enough to make the road safe to travel quite often due to excessive potholes. There will be a follow-up meeting with staff this fall.

We met with the Minister of Agriculture to voice our concern with open net fish farming and to advocate a move to closed containment . Government policy is that existing fish farm tenures must meet two conditions by 2022 in order for renewal – 1) agreement with First Nations ; 2) and proof that the existing open net fish farms are not negatively impacting wild salmon stocks. It is not clear how that proof of compliance will occur . I would suspect that based on local observations , proof of compliance would be very difficult. In the Broughton Archipeligo , years of research and activism has led to a fish farm -free corridor for salmon migration routes and I believe we should be allowed the same . The Ministry identified a funding source of \$142 million dedicated to salmon habitat restoration that could be accessed . I believe this is already funding the local Salmon Park grant that the village wrote a supporting letter for , to the Nuučalñuth First Nations.

Our meeting with Emergency Services staff was wide ranging but focussed on the poor performance of the tsunami siren and what we could do to source a more effective unit, or more of them. A grant with a tight deadline could be available to the village to cover upgrades to our flood protection capabilities and staff will be looking into this.

We discussed seniors issues with Ministry of Health staff who identified potential resources and funding opportunities, including to non-profits for senior's residences.

The BC Wildfire Service meeting raised questions that need answering, such as who is responsible for fighting crown land fires within the municipal boundary and what is WFP doing to mitigate fire risk around Tahsis?

We also met with Telus, which has recently bought Conuma Cable and many other small cable companies across the Island and into the mainland. They want to hook up and provide service when the fibre optic cable comes to town. They have also projected a start of cell service in Tahsis by December.

I would also note that Tahsis has been in the news quite a bit. After the Bamfield road bus tragedy, CHEK News drove to Tahsis to get our take on the condition of our road and its safety. We also sponsored two successful resolutions that were passed at the UBCM. One, advocating for a Cave Protection Act for BC, attracted the attention of CBC who interviewed me on two occasions. Our other resolution was regarding cutting red tape on permitting for outdoor recreational vehicles when crossing various jurisdictions. This would make it easier for ATV riders to traverse our coming Unity Trail with Zeballos by operating under one permit instead of three.

And finally, I wish to note the passing of Donny Russell. He was a long-time resident of this community and worked for many years for Russell and Lilly, the local logging company that his dad cofounded so many years ago. He was also the driving force behind the retrofunk band Guess What Peter Did who gained quite a reputation on the island for their raw energy and sheer fun, with some of the most politically incorrect tunes around. They used to play the pubs around here and were a main attraction at the Pillage at the Village music festival hosted here in 2010. He is survived by his wife Tia, two daughters and a son. He will be missed by all that knew him.

**Councillor Elder**

No report.

**Councillor Fowler (written report)**

Firstly a big thank you for Councillor Llewellyn and Mayor Davis for attending the UBCM conference on behalf of the Village of Tahsis.

Our winter storms public presentation was well received and we discussed making plans for earthquake evacuation and packing Go-bags with seasonal clothing, food and medications. I have heard a request from a member of the public that the power point presentations from that meeting be made available on the website. The power outage was a wake up call for one citizen, as his personal lift and elevator could not be operated, leaving him stranded. I have become aware of an emergency preparedness expo taking place in Qualicum on Saturday Oct 5 and I would be willing to attend if Council determines it to be valuable. Further, I believe the rec center is running a emergency services workshop about managing walk in volunteers on October 12th 8:30-4:30 and the GREAT BC SHAKEOUT is 10.17. 2019 at 10:17 a.m.

Secondly I attended the first fall meeting of the Nootka Sound Watershed Society at the RidgeView in Gold River last Wednesday. The group is in process of preparing their notes for the timber supply public review phase. The next meeting is in Tahsis on October 30th and I request that we are permitted to use the council chamber's table or rec center meeting room for this gathering.

I was able to attend the Share a Smile Society, charity dentist, this weekend with my family. The lead organizer Heather, mentioned to me that it would be easier for her to convince dentists to visit our community if we had some proper equipment like chairs that we could pursue grants towards. Historically I have heard that those items were in storage here, but no one I talked to knows where.

Lastly, so grateful to Stephanie Olson for spearheading the culture days. Community visioning with art was super fun, as was the calligraphy and square dancing. Today is the Terry Fox run @CMESS and the first Farm to School Lunch of the season. The first PAC meeting is October 3rd at 3:30 p.m. and continuing on the culture theme, the school board is bringing in an Axe Capoeira show October 15th at 2 p.m. I have been in contact with the administrator of the BCEDA about a small community bursary available for the up coming conference November 3rd-5th . Attached is the Western Economic Development course to which I qualify. The value of the scholarship is \$600 but still requires an investment for travel costs. I continue to pursue independent group asset management training.

<https://fcm.ca/sites/default/files/documents/resources/tool/asset-management-readiness-scale-mamp.pdf>

respectfully submitted,  
Sarah Fowler



## BCEDA 2019 Western Economic Development Course Bursary

Registration Fee	\$1260 + GST
<i>(Includes 3 nights accommodation at Sheraton Vancouver Airport Hotel)</i>	
Less: Bursary available at time of registration:	-\$600
<b>Total Cost at time of registration:</b>	<b>\$693.00</b>
<i>(Payable by credit card or cheque)</i>	

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REIMBURSEMENT WILL BE RESTRICTED TO EXPENDITURES THAT CONFORM TO THIS POLICY. IN APPLYING TO ATTEND, APPLICANTS ARE AGREEING TO THE TERMS OF THE ACCOMMODATION AND TRAVEL POLICY. PREFERENCE WILL BE GIVEN TO FIRST TIME COURSE ATTENDEES. ONE APPLICANT PER COMMUNITY WILL BE CONSIDERED, ADDITIONAL APPLICANTS FROM THE SAME COMMUNITY WILL BE WAITLISTED. A TOTAL OF 20 BURSARIES ARE AVAILABLE ON A FIRST-COME, FIRST-SERVED BASIS.

### Accommodation Policy

- The bursary registration includes 3 nights in the Sheraton Vancouver Airport Hotel on November 3<sup>rd</sup>, 4<sup>th</sup> & 5<sup>th</sup>
- Hotel room must be secured with your credit card when you book. You will receive more information after registration.
- Only room costs and tax for standard hotel room at the Sheraton Vancouver Airport Hotel will be covered
- No meal costs are available. No incidentals for out-of-pocket expenses
- No reimbursements for any costs will be made for no-shows

### Travel Policy

- A \$200 reimbursement will be made available to course registrants that have travelled over 200 km (one-way) to attend the course. Participants are responsible for the balance of travel costs.
- No reimbursements for any costs will be made for no-shows.
- No substitutions unless preauthorized by host.

### How to Register

Visit [https://www.bceda.ca/basic\\_economic\\_development\\_cou.php](https://www.bceda.ca/basic_economic_development_cou.php) and click **Register Now!**

Choose the option: **REGISTRATION WITH BURSARY CODE (MUST GET CODE FIRST - CONTACT US)**

**BURSARY CODE = ECDEV19**

**Councillor Llewellyn (written report)**

Mayor Davis and I attended the UBCM this past week in Vancouver. We met with cabinet ministers and/or staff on several issues. Plus we had a meeting with Telus (I think I appreciate Mr. Tatchell's sense on humour better after he scheduled this meeting at the Starbucks in the Shaw building). Telus is saying we will have cell service by the end of the year and there will be another option for internet as well. The service is called SmartHub. We asked if they would come and do a public meeting once it is up and running and they thought that could be arranged. Only time will tell how effective the meetings were, as we will have to see if anything happens beyond the words exchanged. There was plenty of time for networking with colleagues from across the province. I ate lunch with the group from Gold River and sat with the group from Bella Coola at the Thursday night banquet. I shared a chat with a fellow colleague from Qualicum Bay at one of the receptions and bumped into several people I know from the VIRL Board. While the week was very busy and tiring I think a lot of good information and contacts came out of it. A true highlight was the Wednesday afternoon parade of logging trucks through downtown Vancouver...they certainly made their presence known with lots of horn honking and huge crowds cheering them on. This definitely tied up traffic as they arrived at the start of rush hour. I would say they made their point, as every speech I heard after that made reference to this display and they were praised for how quickly they organized themselves.

On Saturday before the UBCM I was in Nanaimo at the VIRL Board meeting. Still no movement on the new library for Tahsis but we have not been removed from their plans. I will continue to advocate for the new library at every meeting.

Respectfully submitted  
Councillor Llewellyn

**Fowler/Elder: VOT 432/2019**

**THAT** the Council Reports be received.

**CARRIED**

**K. Bylaws**

None.

**L. Correspondence**

- 1 Letter from Judy Burgess to Hon. Doug Donaldson, Minister of Forests, Lands, Natural Resource Operations and Rural Development.
- 2 Letter from Andy Rasimas, WiMacTel Canada Inc Re: Charge-a-call Payphone Removal (250-934-9385)
- 3 Letter of Support for Greenways Trust grant application re: food security

- Fowler/Elder: VOT 433/2019**  
**THAT** these correspondence items received. **CARRIED**
- Llewellyn/Fowler: VOT 434/2019**  
**THAT** item numbers **2 & 3** be pulled for discussion. **CARRIED**
- L2 Letter from Andy Rasimas, WiMacTel Canada Inc Re: Charge-a-call Payphone Removal (250-934-9385)**  
 A discussion about the payphones and options including the option of the Axsit system followed.
- Fowler/Llewellyn: VOT 435/2019**  
**THAT** the Village proceed with the Axsit system for the Rec Centre location. **FAILED**
- 1 'no" vote registered by Councillor Elder.**
- L3 Letter of Support for Greenways Trust grant application re: food security**  
 A brief discussion followed.
- Llewellyn/Fowler: VOT 436/2019**  
**THAT** Staff draft a letter of support for Greenways Trust grant application for the Mayor's signature. **CARRIED**
- M. New Business**
- 1 Report to Council Re: Joint Initiative with Nootka Sound RCMP - Positive Ticketing Program**
- Fowler/Llewellyn: VOT 437/2019**  
**THAT** that is Report to Council be received. **CARRIED**
- Llewellyn/Fowler: VOT 438/2019**  
**THAT** this program be approved. **CARRIED**
- 2 Report to Council Re: UBCM Community Emergency Preparedness Fund - Volunteer & Composite Fire Department Training & Equipment**
- Fowler/Elder: VOT 439/2019**  
**THAT** that is Report to Council be received. **CARRIED**
- Llewellyn/Fowler: VOT 440/2019**

**THAT** Council support the submission of an application to the Community Emergency Preparedness Fund (CEPF) Volunteer & Composite Fire Department Training & Equipment and agree to provide overall grant management.

**CARRIED**

**3 Email from Councillor Lambert Re: Resignation from Council**

**Llewellyn/Fowler: VOT 441/2019**

**THAT** this letter be received.

**CARRIED**

**N. Public Input #2**

A member of the public spoke to correspondence item "L1".

**Rise and Report**

**Adjournment**

**Llewellyn/Elder: VOT 442/2019**

**THAT** the meeting be adjourned at 8:45 p.m.

**CARRIED**

**Certified Correct this**

15th Day of October 2019

**Chief Administrative Officer**



# Minutes

Village of Tahsis

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<b>Meeting</b>	<b>Committee of the Whole</b>
<b>Date</b>	<b>Tuesday October 8, 2019</b>
<b>Time</b>	<b>7:00 p.m.</b>
<b>Place</b>	<b>Municipal Hall - Council Chambers</b>

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**Present**

Mayor Martin Davis  
 Councillor Bill Elder  
 Councillor Sarah Fowler  
 Councillor Lynda Llewellyn

**Staff**

Mark Tatchell, Chief Administrative Officer  
 Janet StDenis, Finance & Corporate Services Manager

**Guests**

Aislin O'Hara (O'Hara and Associates Consulting)

**Public**

19 members of the public

**Call to Order**

Mayor Davis called the meeting to order at 7:00 p.m.  
 Mayor Davis acknowledged and respected that Council is meeting upon Mowachaht/ Muchalaht territory.

**Approval of the Agenda**

**Llewellyn : COW 73/19**

**THAT** the Agenda for the October 8, 2019 Committee of the Whole meeting be adopted as presented.

**CARRIED**

**Business Arising**

**1**

**Tahsis Age Friendly Community Action Plan- presentation and recommendations by Aislin O'Hara (O'Hara and Associates Consulting).**

(presentation attached)

**Llewellyn: COW 74/19**

**THAT** this presentation be received.

**CARRIED**

A discussion followed with council and members of the public.

**Adjournment**

**Llewellyn: COW 75/19**

**THAT** the meeting be adjourned at 8:04 p.m.

**CARRIED**

**Certified correct this**

15th Day of October, 2019

**Chief Administrative Officer**



# Tahsis Age-Friendly Community Action Plan

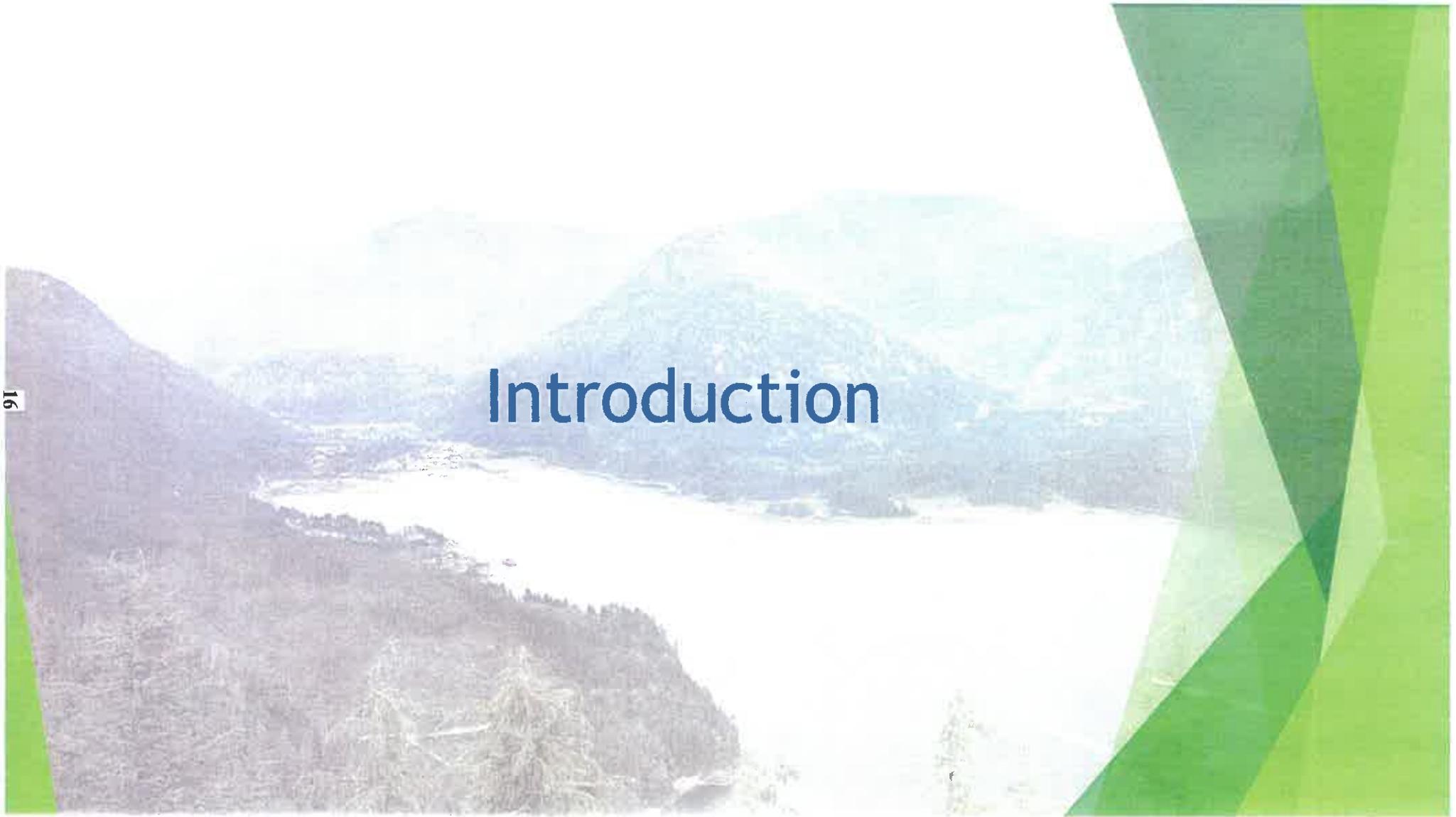
Presentation to Council  
October 8, 2019

# Agenda

- ▶ Introductions
- ▶ Project Objectives
- ▶ Approach & Methodology
- ▶ Key Findings
- ▶ Recommendations
- ▶ Next Steps
- ▶ Question & Answer



# Introduction



# O'Hara Aging + Accessibility Consulting

- ▶ After spending 12 years working alongside consultants as employees within the public sector, a clear need was identified to do things differently.
- ▶ Our approach is to lead a company that deeply connects with the communities we are aiming to support in order to provide tailored consulting that supports and fosters age-friendly, complete communities.
- ▶ O'Hara Aging + Accessibility is located in Toronto, Ontario and was founded in 2018 to provide advice and consultation on how to appropriately serve seniors through public sector services.

Our **vision:** *to make Canada one of the best places in the world to age.*

Our **mission:** *to provide services that contribute to age-friendly, inclusive and complete communities.*

# O'Hara Aging + Accessibility Consulting



Aislin O'Hara

Certified Professional  
Consultant on Aging

- ▶ Over 12 years experience in designing & leading public programs and services for seniors and persons with disabilities
- ▶ Former Customer Experience Lead for Toronto Transit Commission paratransit services, Wheel-Trans. Developed & implemented various initiatives for older adults with disabilities.
- ▶ Researched, authored & implemented over 21 age-friendly policies
- ▶ Co-authored City of Toronto Seniors Strategy including drafting recommendations that are actionable and realistic to improve the quality of life for seniors and contribute to an age-friendly community.
- ▶ Project Advisor for Toronto HomeShare which is an intergenerational program that matches older adults who have spare bedrooms with students in need of affordable housing.

# O'Hara Aging + Accessibility Consulting



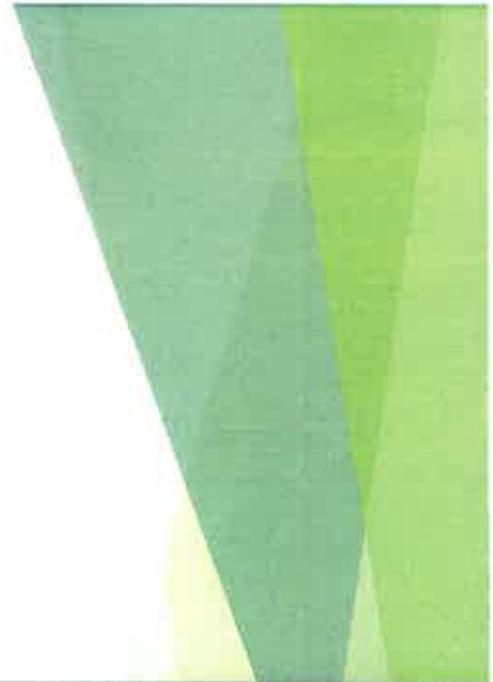
Mitchell Underhay  
Technical Lead

- ▶ Bachelor of Community Design, Honours in Environmental Planning
- ▶ Developed Project Manager and experience leading projects for seniors and older adults
- ▶ Experience in consulting, designing and implementing strategies that are age-friendly, accesible and inclusive
- ▶ Senior Community Liaison Officer for Toronto Transit Commission delivering extensive public consultation & stakeholder engagement
- ▶ Development Manager for Wind Energy Projects in Nova Scotia & Maine, leading community oriented wind projects
- ▶ Extensive background in GIS asset mapping using multiple criteria for geographic analysis



# Why does Tahsis need an Age-Friendly Community Action Plan?

- ▶ Average age of a Tahsis resident is 58 years old
- ▶ 76% of Tahsis residents are 55+
- ▶ 50% of the population is retired
- ▶ 74% of the population plans to retire/continue their retirement in Tahsis

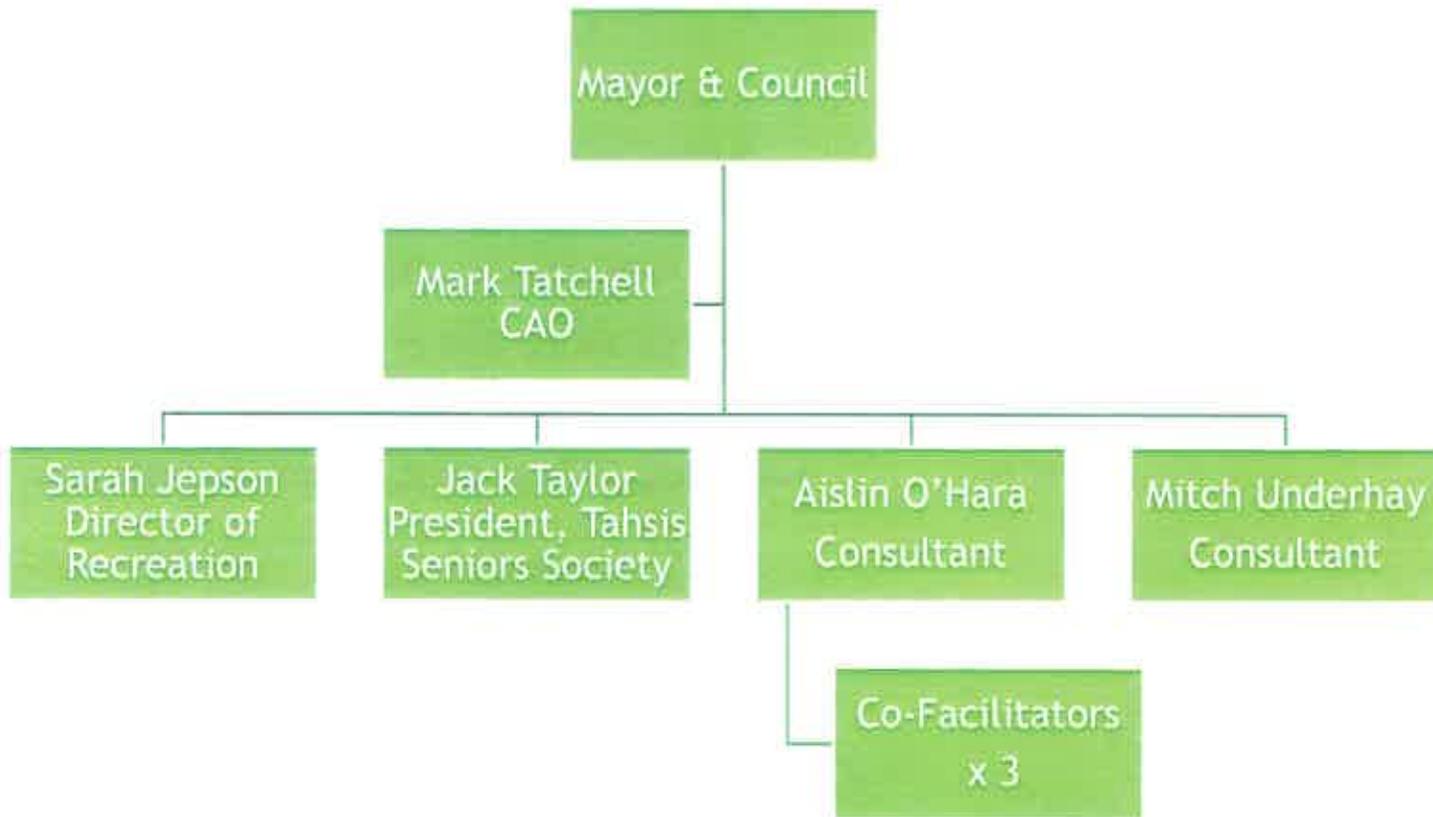


# Project Objectives

“Ensure the Village is positioned through its plans, policies and programs to support and sustain active, social and independent lifestyles for its mature adults and seniors.”

- ▶ Evaluate the current state of age-friendliness
- ▶ Actively engage the Tahsis community
- ▶ Articulate the needs of mature adults and seniors living in the Village
- ▶ Identify gaps in programs and services to inform future strategies
- ▶ Develop realistic, achievable community action plan that improves quality of life for seniors in Tahsis now and in the future.

# Our Project Team



# Our Approach

Phase 1 Discovery	Phase 2 Analysis	Phase 3 Recommendations
<ul style="list-style-type: none"><li>• <b>Task 1 Inventory List</b> <i>Categorizes and ranks the availability of all community assets for older adults</i></li><li>• <b>Task 2 Community Surveys</b> <i>Identifies the needs &amp; priorities for seniors in Tahsis as well as risk/social isolation assessment</i></li><li>• <b>Task 3 World Café</b> <i>Facilitated public meeting to solicit feedback from all community members</i></li></ul>	<ul style="list-style-type: none"><li>• <b>Task 4 Analysis of Phase 1 data</b> <i>Inventory list, surveys, world café data</i></li><li>• <b>Task 5 Asset Map</b> <i>Visual representation of all services/resources as well as the type/availability</i></li><li>• <b>Task 6 Policy Review</b> <i>Apply an age-friendly lens to all policy/planning &amp; strategy documents</i></li></ul>	<ul style="list-style-type: none"><li>• <b>Task 7 Community Action Plan Report</b> <i>Tasks 1-6 will culminate in a final community action plan report including the identified needs for seniors and recommendations on how to best meet those needs</i></li><li>• <b>Task 8 Presentation to Village of Tahsis</b> <i>Specific recommendations &amp; implementation strategies will be presented to Tahsis Council for consideration &amp; incorporation into Village plans, policies and programs</i></li></ul>

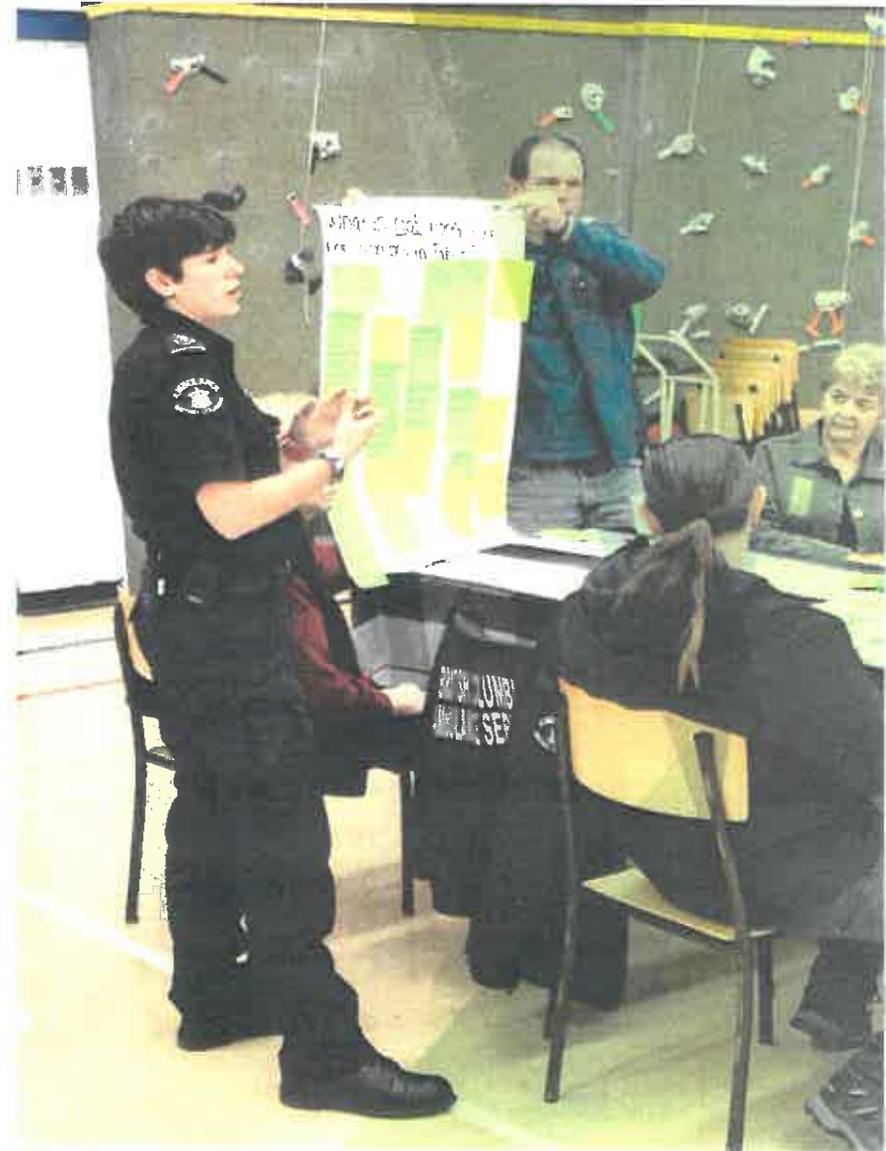
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# What We Heard From the Community

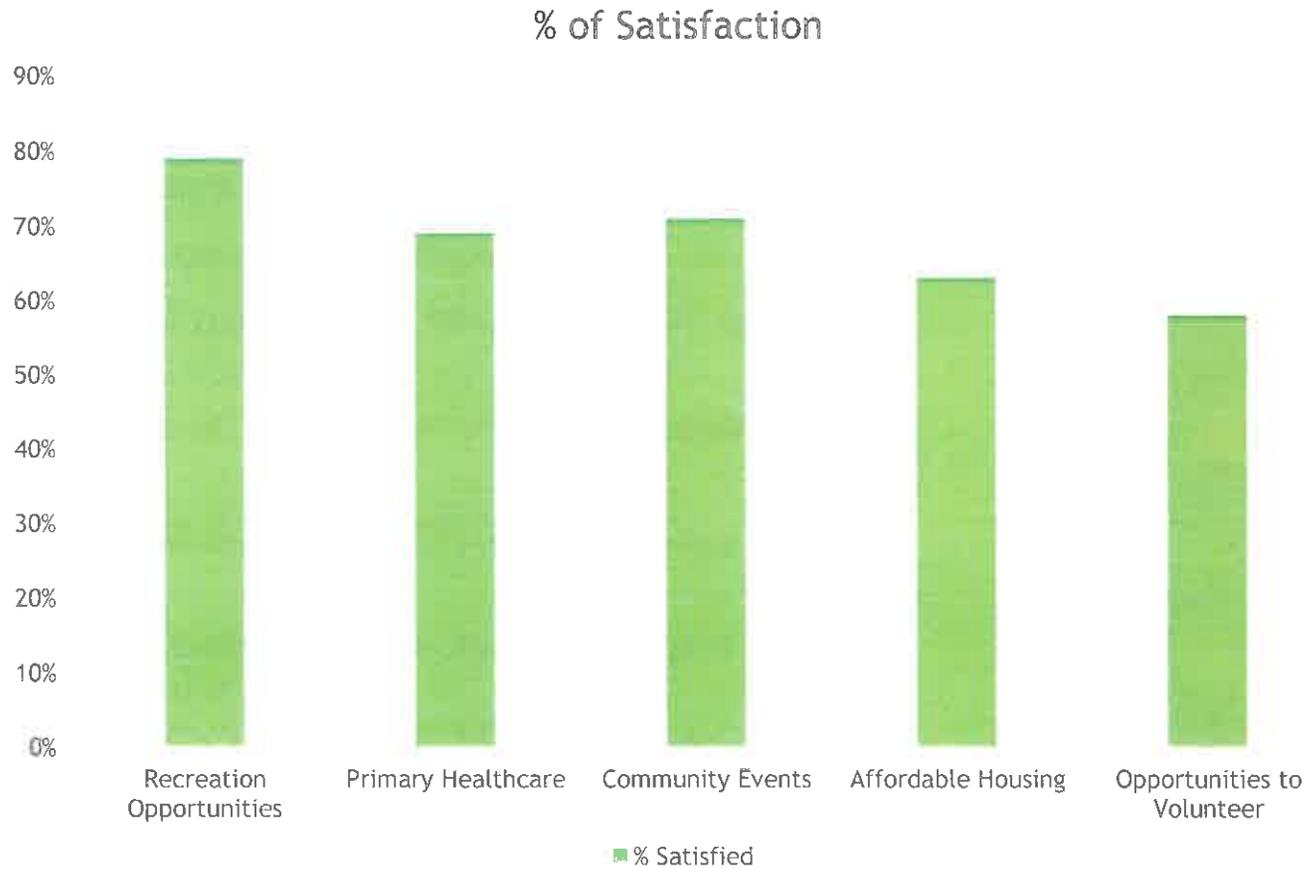


# Key Findings: Seniors Community Survey

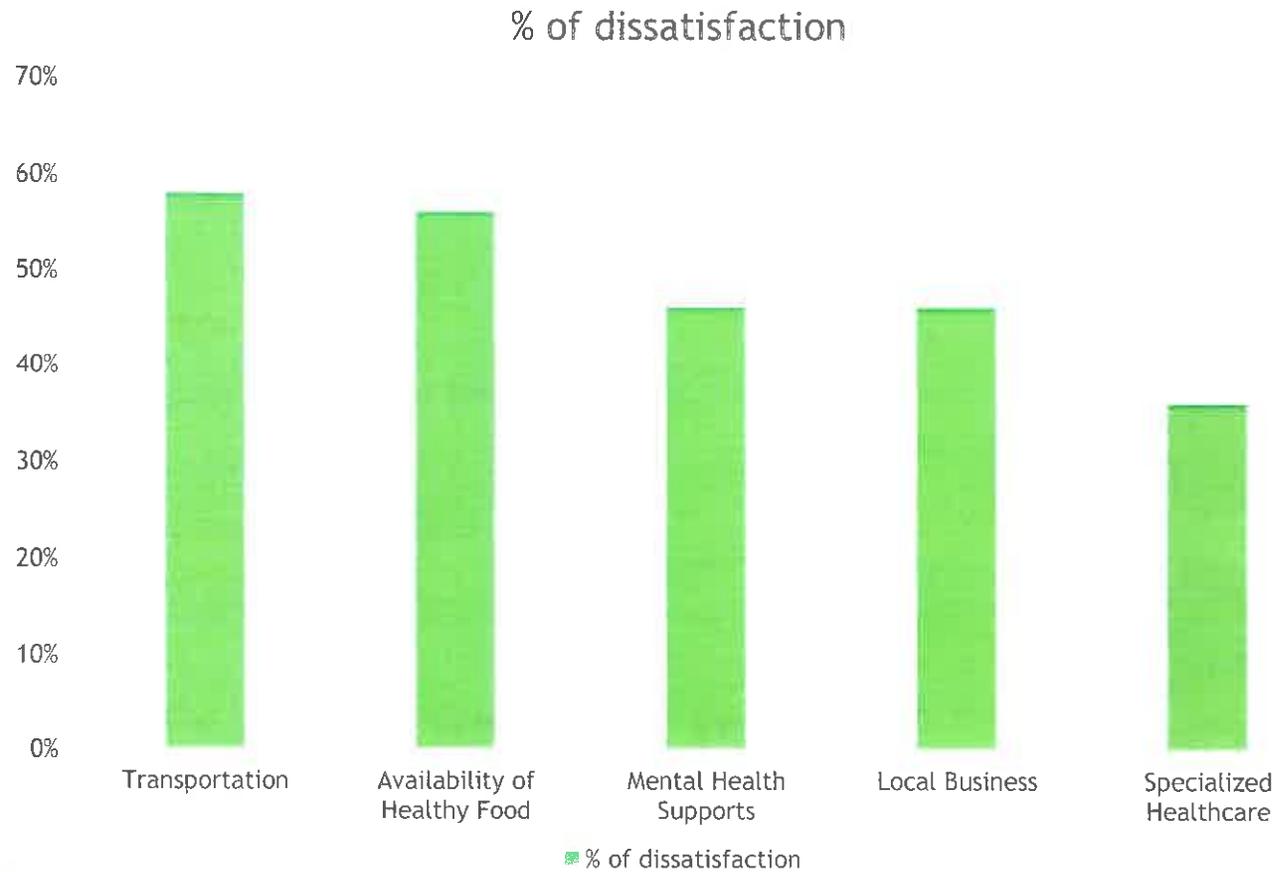
- ▶ Majority of respondents were over the age of 65 (63%)
- ▶ Equal gender representation 48% male/46% female
- ▶ Majority reside in Tahsis as full-time residents (68%)
- ▶ Majority are living with a partner/spouse (62%)
- ▶ 67% are in good or excellent health
- ▶ 52% feel engaged/very engaged and connected to the community
- ▶ 30% of respondents live alone
- ▶ 7% of respondents indicated that they do not have anyone to call or talk to if they are having a bad day



# Top Markers of Satisfaction Among Seniors



# Top Markers of Dissatisfaction Among Seniors



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# What are the Most Important Priorities to Seniors in Tahsis?

1. Paramedic / Fire services
2. Access to medical specialists
3. Personal in-home care services
4. Access to fresh affordable food
5. Transportation

80% rated health & fitness programming as important

74% felt seniors specific programs were important

69% ranked Dementia supports as important



# Priorities Identified by World Café

Category	Score
Community Support & Health Services	110
Outdoor Spaces & Buildings	93
Transportation	69
Social Participation	58
Respect & Inclusion	33
Communication & Information	26
Housing	26
Food Security	21
Civic Participation & Employment	10



# Community Action Plan



# Recommendations

## 1. Establish Task Force - Specialized Healthcare

World Health Organization (WHO) Domain:

✓ Community Support & Health Services

Village of Tahsis is recommended to spearhead a “Task Force - Specialized Healthcare” in partnership with Vancouver Island Health Authority, the Medical Officer of Health and the Strathcona Community Health Network to create an action plan that addresses the gaps in access to specialized health care for Tahsis seniors and ensures current barriers to specialized healthcare are resolved.

## 2. Conduct Seniors Housing Needs Assessment

World Health Organization (WHO) Domain:

✓ Housing

Conduct Needs Assessment of Seniors Housing to determine the appropriate viable options for meeting needs of older adults over the next 5 to 10 years. Options that should be explored in the study include HomeShare Program, NORC - Naturally Occurring Retirement Community and Care facilities.

# Recommendations

## 3. Establish a Public/Private Transportation Partnership

World Health Organization (WHO) Domain:

✓ Transportation

Establish a Public/Private Transportation Partnership through a Ride Sharing Program. Host a public information session and have Uber/Lyft participate via teleconference. Show residents how they could benefit from driving for a ride share company. Establish if there is a way for the Village to subsidize costs of trips, particularly within Tahsis.

## 4. Community Programming Partnership Framework

World Health Organization (WHO) Domain:

✓ Social Participation

Develop a framework to foster partnerships in community programming at the Recreation Centre by developing a policy, application form and a procedure for running programs using Village facilities.

# Recommendations

## 5. Provide Seniors Specific Programming at Recreation Centre

World Health Organization (WHO) Domain:

- ✓ Social Participation
- ✓ Health
- ✓ Social Inclusion

Provide senior specific programming at the Recreation Centre. Specifically look to include Tai Chi and Yoga and ensure that seniors programming is offered during daytime rather than evening hours.

## 4. Develop Friendly Visitor Volunteer Program

World Health Organization (WHO) Domain:

- ✓ Social Inclusion
- ✓ Health

Community Paramedicine Program should develop and manage a volunteer run “Friendly Visiting” program for seniors/members of the community who are at risk for social isolation. This would include a weekly phone call to each at risk senior and a monthly visit.

# Conclusion

- ▶ Next Steps
  - ▶ Report received and finalized by Council along with Official Community Plan
  - ▶ Year 1- 2 implementation plan developed
- ▶ How you can get involved
  - ▶ Volunteering
  - ▶ Seniors Centre
- ▶ Feedback & Questions

Aislin O'Hara  
Project Manager  
416-721-1972  
[aislin@oharaconsult.com](mailto:aislin@oharaconsult.com)



Thank You!



# VILLAGE OF TAHSIS

## Report to Council

**To:** Mayor and Council

**From:** Director of Recreation

**Date:** October 7, 2019

**Re:** Recreation Centre 2019 Q3 attendance and revenue report

**PURPOSE OF REPORT:**

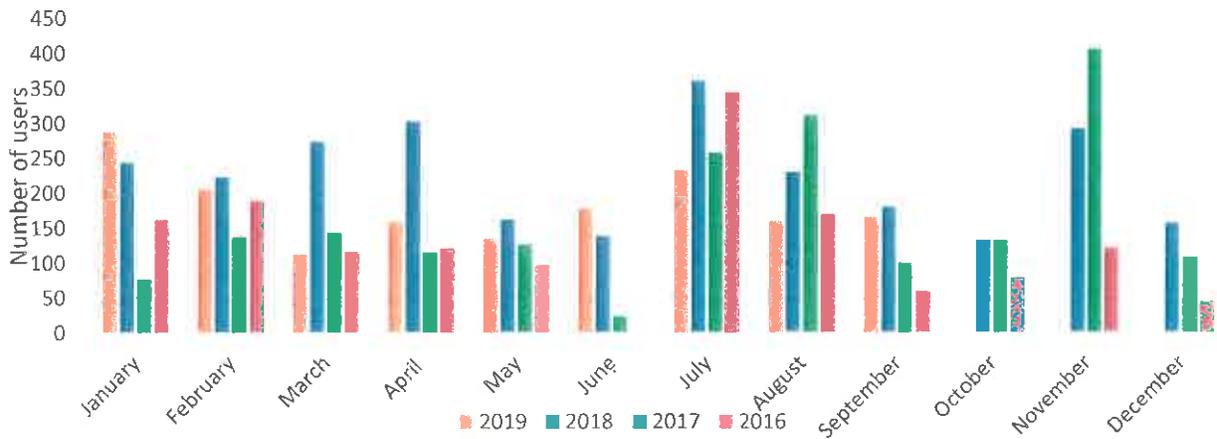
To provide Council with Rec Centre attendance and revenue information for fiscal year 2019.

**BACKGROUND:**

On October 17, 2017 Council adopted Fees and Charges Bylaw No 594 which eliminated fees for persons using the Rec Centre’s swimming pool, gym, weight room and sauna. The Bylaw adjusted and established other Rec Centre fees.

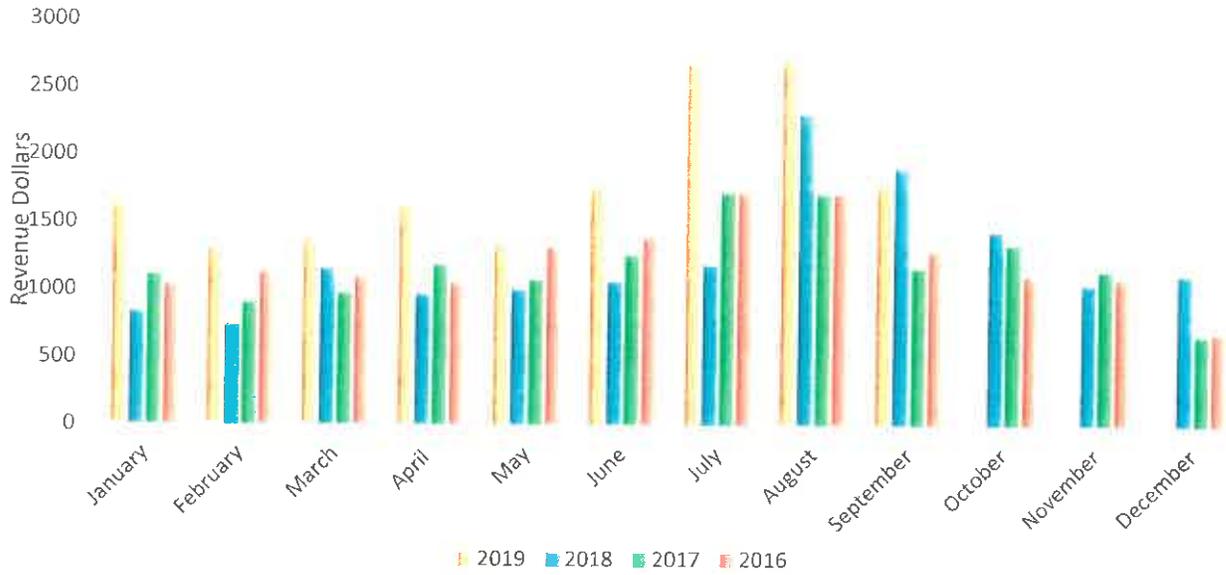
Council’s decision was made to encourage greater use of the facility in order to improve the overall health and wellness of Tahsis residents. Council concluded that the social and health benefits outweighed the relatively small amount of revenue (about \$6,300 in 2016) generated annually in user fees

Number of Pool Users per Month



The morning swim was eliminated in 2019 which resulted in fewer pool users. Once new lifeguards are hired the morning swim will be reinstated.

### Vending per month

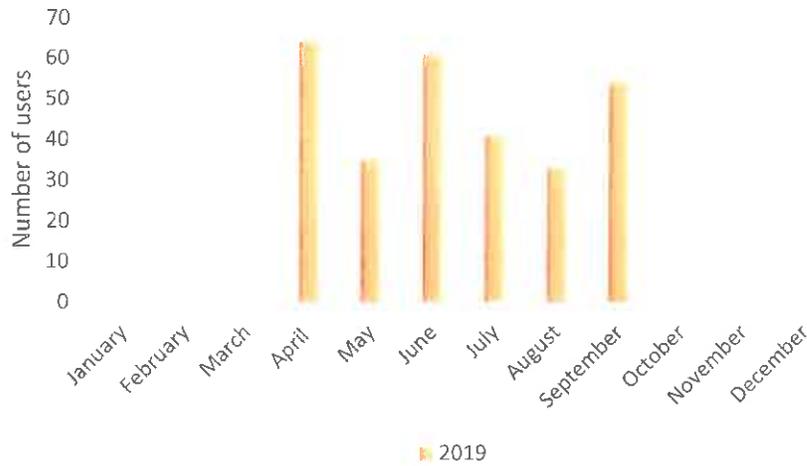


### Number of Weight Room Users per Month



Fewer students are using the weight room in 2019.

## Number of Climbing Wall Users per Month



**Programs offered in 2018**

Yogalates, Restorative yoga, Aqua fit, swimming lessons, adult and public swim

**Program that have been offered in 2019**

Restorative yoga, Aqua fit, adult and public swim, rock wall climbing, Zumba

**POLICY/LEGISLATIVE REQUIREMENTS:**

Fees and Charges Bylaw No. 594, 2017

**FINANCIAL IMPLICATIONS:**

Year	Revenue	Direct Costs	Net	%Cost/Revenues
2018	15597.73	11454.80	4142.93	73.4%
2017	13839.34	9437.22	4402.12	68.2%
2016	13942.56	7591.12	6351.44	54.4%

Prepared by

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Approved by

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Mark Tatchell

J3 (c)



**WCVI Salmon Bulletin**  
**Chum Salmon In-season Update**  
**October 4, 2019**

**PRE-SEASON EXPECTATIONS**

Forecast production for WCVI stock management units are summarized in Table 1. The forecast age composition of Nitinat and Conuma Hatchery returns are summarized in Table 2.

For 2019, the forecast return of Nitinat Hatchery chum is 362,000 (range 132,000 to 592,000). For other WCVI areas, with the exception the Esperanza and Kyuquot terminal stock management units, the forecast returns of chum are below average and below lower fishery reference points. The forecast return of Conuma Hatchery (Tlupana Inlet area) chum remains low at 20,000 (range 11,000 to 29,000).

Spawner abundances for wild indicator stocks across the WCVI Conservation Unit have been below the upper biological benchmark in many recent years. Considering this result and the high level of uncertainty in the assessment data (and forecasts), fishery opportunities are precautionary.

**Table 1. 2019 forecast return of chum to WCVI stock management units in relation to commercial fishery reference points.**

Location	PFMA	2019 Forecast	Forecast Range	Lower Fishery Reference Point	Target Fishery Reference Point
Nitinat Hatchery/Lake*	21/22	362,000	(132000 - 592000)	225,000	325,000
Barkley	23	31,000	(7000 - 53000)	48,000	146,000
Clayoquot	24	19,000	(9000 - 28000)	42,000	75,000
Conuma (Tlupana Inlet)*	25	20,000	(11000 - 29000)	TBD	
Nootka	25	25,000	(8000 - 41000)	26,000	53,000
Esperanza	25	43,000	(20000 - 65000)	24,000	50,000
Kyuquot	26	75,000	(27000 - 127000)	25,000	68,000

\* Hatchery stock.

**Table 2. Expected age composition of Nitinat and Conuma Hatchery chum returns in 2018.**

Age	Nitinat Hatchery		Conuma Hatchery	
	Forecast	Percent	Forecast	Percent
Age 3	100,000	28%	2,000	10%
Age 4	254,000	70%	16,000	81%
Age 5	8,000	2%	2,000	10%
<b>Total</b>	<b>362,000</b>		<b>20,000</b>	

## **IN SEASON OBSERVATIONS**

### **Nitinat, Area 21/121**

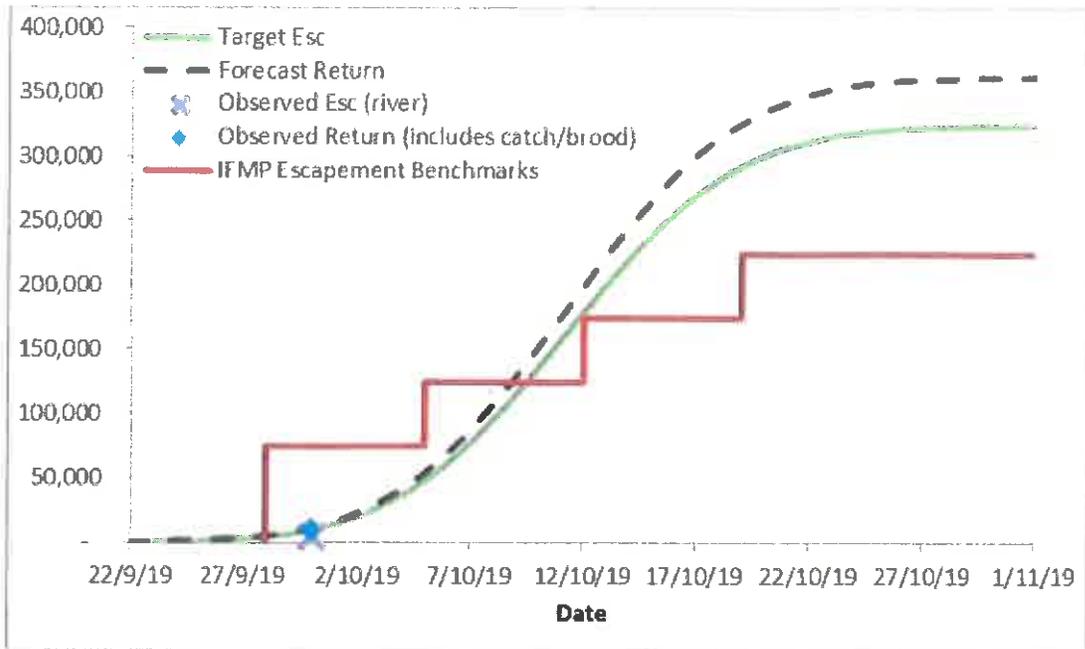
#### **Fishery Results:**

New management measures to protect Interior Fraser Steelhead identified in the 2019 IFMP include window closures for commercial net fisheries in Areas 21 and 121 until October 23.

#### **Escapement Observations:**

Nitinat Hatchery staff, Ditidaht First Nation fishery crews, and the Stock Assessment escapement crew have estimated escapement to Nitinat Lake up to October 1 at about 10,000. This includes approximately 5,000 holding in the lake and 5,000 estimated escapement in the river.

The current escapement is well below the October 5 target of 75,000 that has been used historically to trigger 'Stage 3' surplus-to-escapement-target fisheries. The current escapement is also lower than what would be expected to October 1 for a run size of 362,000 with average run timing (Figure 1).



**Figure 1. Observed 2019 escapement and return of Nitinat chum relative to in-season escapement benchmarks and the pre-season forecast return of 362,000. The average run timing curves for cumulative target escapement (325,000) and cumulative forecast escapement are also plotted for reference. (Note: IFMP escapement benchmarks are used to inform “Stage 3” surplus-to-escapement-target fisheries in the event the run is much larger than the Target Fishery Reference Point of 325,000.)**

### **Nootka, Area 25**

The pre-season forecast for Nootka (25,000) is slightly below the Lower Fishery Reference Point of 26,000. Chum bycatch in a late Chinook opening initiated an in-season proposal from Area D for a “Stage 1” 2 boat assessment fishery that was subsequently approved.

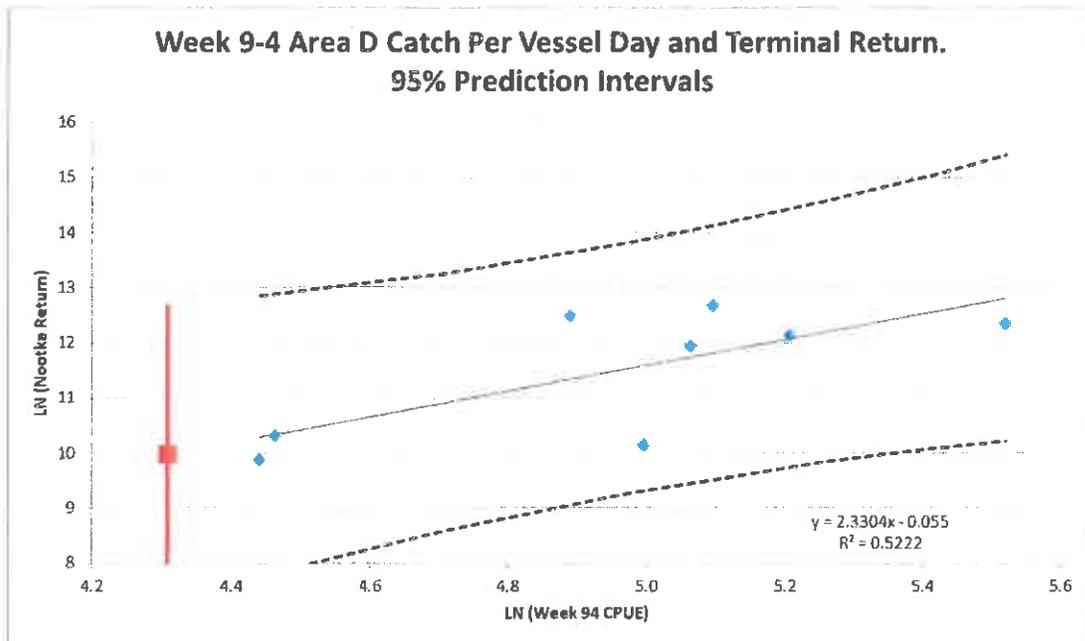
Week 9-4:

There was a 2-boat “Stage 1” assessment fishery for 1.5 days on September 25 and 26. Total catch was estimated at 226 with an average CPUE of 75 chum per vessel day.

For the Nootka fishing Area, data from previous fisheries can be used to relate the CPUE from the Week 9-4 fishery and the total terminal return to the Nootka/Conuma (Figure 2).

CPUE in week 94 of 75 chum per vessel day is the lowest CPUE in the time series and results in the following predictions of terminal return to Nootka/Conuma:

	Predicted Terminal Return	Upper 95% PI	Lower 95% PI	Upper 75% PI	Lower 75% PI
Week 94	21,713	321,368	1,467	88,252	5,342



**Figure 2. Relationship between the daily commercial gillnet CPUE and Nootka Sound chum run size (expanded for from index stocks and including Conuma Hatchery production) for fisheries occurring in statistical weeks 9-4 in Nootka Sound, Area 25. The flanking lines are 95% prediction intervals associated with the regression.**

**Week 10-1:**

The 2-boat “Stage 1” assessment fishery continued in Week 10-1 for 1.5 days on October 2 and 3. Total catch from this fishery is estimated at 153 resulting in an CPUE of 51 chum per vessel day.

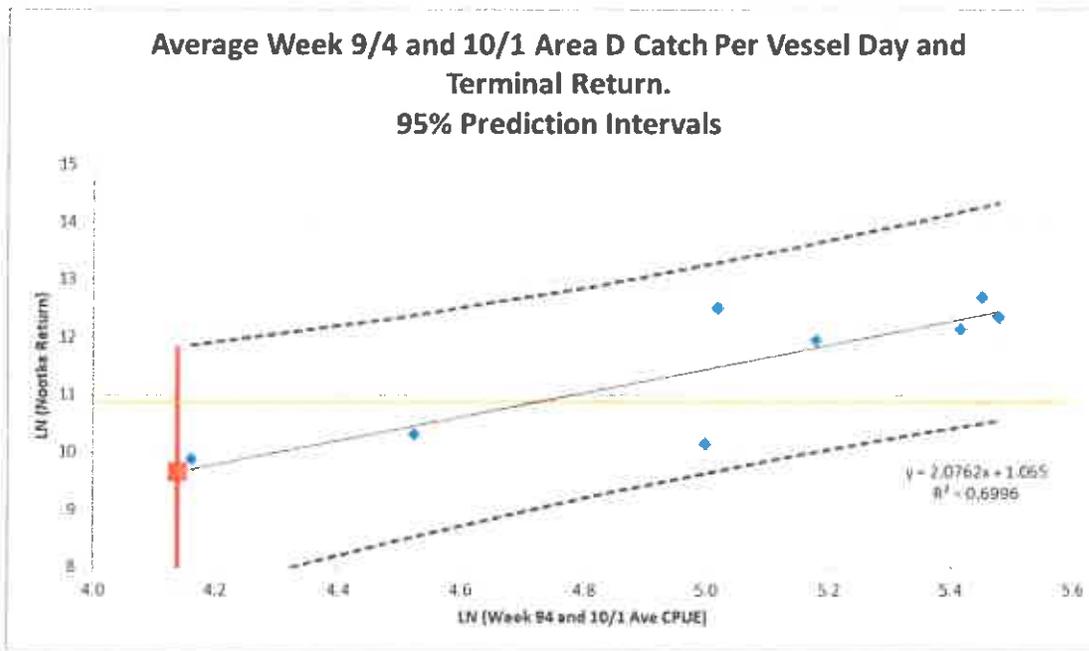
For the Nootka fishing Area, data from previous fisheries can be used to relate the CPUE from the Week 9-4 and 10-1 fisheries and the total terminal return to the Nootka/Conuma (Figure 3).

Average CPUE for weeks 9-4 and 10-1 of 63 chum per vessel day is the lowest CPUE in the time series and results in the following predictions of terminal return to Nootka/Conuma:

	Predicted Terminal Return	Upper 95% PI	Lower 95% PI	Upper 75% PI	Lower 75% PI
Week 94/101	15,615	136,627	1,785	48,277	5,050

Biological sampling for length, sex, scales (age), and otoliths (hatchery mark) is being conducted on weekly chum catches in each area. Preliminary results of sex ratios and average lengths are provided below for the Nootka Area:

Fishing Date	Sample Size	Sex Ratio		Average POF Length (mm)		
		Female	Male	Female	Male	All
Sept 25/26	100	38%	62%	631	622	626



**Figure 3. Relationship between the daily commercial gillnet CPUE and Nootka Sound chum run size (expanded for from index stocks and including Conuma Hatchery production) for fisheries occurring in statistical weeks 9-4 and 10-1 in Nootka Sound, Area 25. The flanking lines are the 95% prediction intervals associated with the regression. The orange line is the Target Fishery reference point for Nootka of 53,000.**

### Esperanza, Area 25

The pre-season forecast for Esperanza (43,000) is between the Lower Fishery and Target Fishery reference points. A limited fleet fishery "Stage 2" fishery is planned to occur for 2019.

In recent years, the following changes have been made to the fishing area and fishing time in the Esperanza fishery to address higher than expected harvest rates that have resulted from limited fleet commercial fisheries:

- In 2017, the fishing area was reduced, moving the fishery further out of the inlet to avoid milling fish.
- In 2018, the fishing time was reduced to 5 hours on the second day of fishing and the fishing area used in the 2017 fishery was maintained.
- For the 2019 fishery, measures are consistent with 2018 (1.5 days fishing in the reduced fishing area ). The harvest rate estimated in the 2018 fishery was near the target of 15%

The estimated impact of the fishery in terms of estimated harvest rate fishery will be evaluated in the post-season against the 15% harvest rate objective.

#### Week 9-4:

There was a 5-boat limited entry "Stage 2" Area D commercial gillnet opening which occurred on September 25 and 26. The fishing time was 10.5 hours on September 25<sup>th</sup> and 5 hours on September 26<sup>th</sup>. Only 4 boats participated in the fishery and the total catch was estimated at 482 with an average

CPUE of 80 chum per vessel day.

Week 10-1:

The 5-boat "Stage 2" Area D commercial gillnet fishery continued in Week 10-1 for 10.5 hours on October 2 and 5 hours on October 3. Total catch for the 5 boats is estimated at 1,090 resulting in a CPUE of 145 chum per vessel day.

Biological sampling for length, sex, scales (age), and otoliths (hatchery mark) is being conducted on weekly chum catches in each area. Preliminary results of sex ratios and average lengths are provided below for the Esperanza Area:

		Sex Ratio		Average POF Length (mm)		
Fishing Date	Sample Size	Female	Male	Female	Male	All
Sept 25/26	100	19%	81%	645	634	636

### **Kyuquot, Area 26**

For the 2019 fishery, changes to the fishing area and fishing time have been implemented to reduce the estimated harvest rate of the limited fleet chum fisheries. Estimated harvest rates in 2017 and 2018 were approximately 30% which is approximately twice the target rate of 15%. To reduce the harvest rate in 2019, the following measures have been implemented:

- The fishing area has been modified such that the fishery is further outside of terminal areas where milling fish may be encountered.
- The second day of the fishery has been reduced to 5 hours of fishing time.
- The fishery will occur for a total of 3 weeks, reduced from 4 week in previous years.

This fishery will be evaluated in the post season against the 15% harvest rate objective.

### **Fishery Results**

Week 9-4:

There was a 4-boat limited entry "Stage 2" Area D commercial gillnet opening for 1.5 days on September 25 and 26. Total catch was estimated at 423 with an average CPUE of 71 chum per vessel day.

The total catch and CPUE from this week's fishery is approximately half of what has been observed in the previous two years.

Week 10-1:

The 4-boat "Stage 2" Area D commercial gillnet fishery continued in Week 10-1 for 1.5 days on October 2 and 3. Total catch is estimated at 1,484 chum with an average CPUE of 247 chum per vessel day.

Biological sampling for length, sex, scales (age), and otoliths (hatchery mark) is being conducted on weekly chum catches in each area. Preliminary results of sex ratios and average lengths are provided below for the Kyuquot Area:

		Sex Ratio		Average POF Length (mm)		
Fishing Date	Sample Size	Female	Male	Female	Male	All
Sept 25/26	96	28%	72%	623	605	610

## SOURCES OF UNCERTAINTY

Likely as a function of lower quality assessment data quality and also perhaps resulting from the highly volatile lower river spawning habitat that chum favor, the performance of WCVI chum forecasts are relatively poor. For WCVI areas, the mean absolute percentage error (MAPE) in recent year pre-season forecasts averages about 60%; meaning the observed returns are typically about 60% higher and lower than the forecast returns. Some of the key sources of uncertainty include: incomplete age data across stocks, relatively imprecise estimates of spawner abundance, and potential variation in production among index and non-index stocks. In-season run size assessments are subject to similar sources of uncertainty in addition to the variation associated with run timing and other types of fish behavior (e.g. holding patterns). Run timing can vary significantly from year to year depending on factors such as environmental conditions and the age composition of the run. Variation in run timing and fish behavior are key sources of uncertainty in the fishery-based in-season indexes of abundance.

## BACKGROUND INFORMATION

### MANAGEMENT STRATEGY

#### Precautionary Approach

##### Fishery Reference Points for WCVI chum

Use of precautionary fishery reference points to set abundance-based limits on harvest is a condition of Marine Stewardship Council (MSC) third-party eco-certification of the fishery and also an objective of Canada's Wild Salmon Policy.

For naturally spawning WCVI chum stocks, upper and lower fishing reference points were developed using the "sustainable escapement goal" or "SEG" approach described in Bue and Hasbrouck (2001). The SEG approach uses the long-term escapement time series to set fishery reference points. The SEG algorithm was determined by relating MSY reference points with SEGs for those populations with more reliable data sets. Conservative "SEGs" were defined as the 25% (S25th) and 75% (S75th) percentiles of a long-term escapement time series. In the initial application of the method by Bue and Hasbrouck (2001), the lower SEG, or S25th, was estimated to represent approximately 0.8  $S_{MSY}$  (spawner abundance at maximum sustained yield).

Recent simulation work has been completed to relate SEGs to the biological benchmarks that are used by DFO to evaluate conservation status (C. Holt et al. in prep.). (The recommended lower biological benchmarks applied in DFO are  $S_{GEN}$  and .40  $S_{MSY}$  and recommended upper biological benchmark is .85  $S_{MSY}$ ; see Holt et al. 2011).

Preliminary results suggest that:

- Lower SEG (S25th) reference points are sufficiently precautionary (i.e.  $> S_{GEN}$ ) when harvest rates have been (and continue to be) low, CU productivity is moderate to high, and there is no systematic negative bias in abundance estimates. Under these conditions, the lower SEG (S25th) tends to be about twice as high as the  $S_{GEN}$ .
- On the other hand, when productivity is low and harvest rate is high,  $S_{GEN}$  tends to be more precautionary than S25th SEG. These conditions occur when productivity is  $<0.8$  (or  $R/S <2.2$ ) AND historical harvest rates are  $>0.3$ . (In other words, if the stock is relatively unproductive and in an over-fished state, there is a time-series bias.)

For WCVI chum stock management units, use of the S25th as a Lower Fishery Reference Point (LRP) for naturally spawning populations is likely sufficiently precautionary. Historical harvest rates are less than 0.3. However, productivity is low to moderate (i.e. ranging from perhaps 0.64 to 1.37, based on simple stock-recruit analysis, Table 3). For most of the SMUs, the  $S_{GEN}$ , or lower biological benchmark is likely roughly .5 the lower SEG or S12th. Furthermore, under these conditions, the lower SEG (currently used as a lower fishery reference point for WCVI chum) is similar to the upper biological reference point. For the least productive SMUs (Area 24 and Nootka (25)), the  $S_{GEN}$  may be between 0.5 S25th and the S25th based on simulation work (C. Holt et al. in prep.).

For WCVI hatchery populations, the lower and upper fishery reference points are determined by the needs of the hatchery and spawning objectives for nearby rivers.

#### Harvest Strategies

Fisheries for WCVI chum employ a two-tiered strategy for controlling removals; either a constant harvest rate strategy or a surplus-to-escapement goal strategy:

##### Fixed Harvest Rate Strategy (fisheries targeting natural origin stocks, hatchery stocks at low abundance):

For those fisheries where a significant component of the target stock from naturally spawning populations, a constant harvest rate strategy of 10-20% is implemented. The maximum harvest rate is set a precautionary level relative to stock-recruit derived optimal exploitation rates for WCVI chum; which are in

the order of 30-40%. This approach allows limited harvest while protecting the biodiversity of chum stocks and permitting rebuilding when the population is low. In areas of low quality data or only naturally spawning stocks, including Barkley (Area 23), Clayoquot (Area 24), Esperanza Inlet (Area 25) and Kyoquot Sound (Area 26), the maximum allowable harvest rate is 10 to 15%. In Nootka Sound, up to 20% harvest is permitted given the prevalence of hatchery stock in the area. The harvest rate is controlled by limiting effort (i.e. number and duration of openings and, in some areas, the number of permitted vessels) and limiting fishing areas to approach areas only (i.e. to those areas where fish are migrating not holding).

Note: Since 2013, a fixed harvest rate strategy has also been used to harvest Nitinat Hatchery chinook when the stock abundance is considered above the lower fishery reference point but below the target fishery reference point. The maximum harvest rate for the Nitinat stock is 25% when it is below the target fishery reference point.

#### Surplus-to-Escapement Goal Strategy (fisheries targeting hatchery stocks at high abundance):

For fisheries that target primarily hatchery surpluses, the allowable harvest rate may be determined by the escapement goal when it is determined the stock is abundant (e.g. it is established that escapement is above the target reference point for fisheries). These fisheries occur only in 'terminal areas', defined as an area in close proximity to the origin watershed of the target stock where little or no interception of other stocks occurs. Surplus to escapement goal fisheries for Conuma Hatchery stock occur within the Tlupana Inlet portion of Area 25. Surplus to escapement goal fisheries for Nitinat Hatchery stock occur in Area 21 near the mouth of Nitinat Lake or in Area 22 in Nitinat Lake. All Nitinat (and Conuma) hatchery chum are thermally marked, which allows for assessment of the hatchery contribution to fisheries and the spawning population.

## **IN-SEASON ASSESSMENT AND MANAGEMENT**

### **Fisheries**

When the catch-per-unit effort in fisheries is related to run size, fishery data can be used to provide in-season stock assessment information. This approach is responsive to in-season abundances rather than pre-season forecasts that are highly uncertain, particularly for chum stocks. In the case that fishery results suggest the abundances are relatively low as expected, the resulting harvest rate will not significantly impede stock rebuilding. Alternatively, if results suggest the abundance is higher than expected, commercial opportunities are not unnecessarily foregone. Relationships between the daily commercial gillnet CPUE and final area run size for Nitinat and Nootka chum are shown in Figure 4 and Figure 5 below.

In-season re-assessment of run size based on the CPUE indices should be precautionary given the uncertainty associated with the data and fishery indices. The mean absolute percentage error (MAPE) of the Nitinat and Nootka indices are about 50% and 25%, respectively, and both indices tend to be biased high. That is, they more frequently over-estimate the final run size. Therefore, use of the lower confidence interval of the prediction is recommended for in-season run size assessment.

### **Escapement Monitoring**

#### WCVI extensive monitoring program:

For WCVI chum, escapement information is gathered almost exclusively from "extensive" indicator stocks. These surveys provide information about the variability of status of populations across the management unit. For extensive chum indicator stocks, the data are mixed quality – e.g. the estimates have some inherent shortcomings with regard to scientific quality (e.g. greater uncertainty, potential biases, etc.). For those systems where survey methods have been consistently applied, they may be useful for informing status assessments when the estimates represent a relative and consistent index of abundance. However, given the fact that many chum fisheries occur prior to peak spawning, they are of limited utility for informing fishery management decisions in-season – i.e. as fisheries are occurring.

#### Nitinat area monitoring program:

Nitinat Hatchery staff work in cooperation with the Ditidaht First Nation fishery program to assess escapement of chum into Nitinat Lake and area. Through a combination of observations gathered from river surveys, brood collection activities and fishing, an estimate of abundance is generated. Although there is high degree of uncertainty in the abundance estimate, it is generated from relatively consistently applied survey methods by observers with significant local knowledge. Therefore, it proves a general gauge of the observed escapement relative to in-season escapement benchmarks defined for Nitinat Lake and area.

#### **In-season Harvest Management (Commercial fisheries)**

The management and harvest strategies for WCVI chum stocks are described above. The following tables provide some additional information to guide in-season decision making.

In the following tables:

**Stage 1** fisheries are Limited Entry Assessment Fisheries that may occur when the pre-season forecast indicates the run size is below the lower fishery reference point. They require increased monitoring and are designed to provide in-season information about the run size within a low-risk fishing strategy (i.e. limit overall mortality less than 15%).

**Stage 2** fisheries are Limited Entry or Limited Effort fisheries that may occur when the pre-season forecast or Stage 1 fisheries indicate the run size is above the lower fishery reference point, but below the upper fishery reference point. They are designed to be lower risk and limit mortality to a precautionary level through a fixed harvest rate strategy.

**Stage 3** fisheries are Full Fleet fisheries that may occur when the pre-season forecast or Stage 1 and/or 2 fisheries indicate the run size is above the upper fishery reference point. For areas other Nitinat, they are designed to be relatively low risk and limit mortality to a precautionary level through a fixed-harvest rate strategy. For the Nitinat fishery, which targets a hatchery stock, a "surplus-to-escapement" target fishery is implemented. The surplus is the projected abundance above the 325,000 escapement target.

#### **References**

- Bue, B.G. and Hasbrouk, J.J. 2001. Escapement goal review of salmon stocks of Upper Cook Inlet. Alaska Department of Fish and Game, Report to the Board of Fisheries, 2001, Anchorage.
- Holt, C., A. Cass, B. Holtby, and B. Riddell. 2009. Indicators of Status and Benchmarks for Conservation Units in Canada's Wild Salmon Policy. Canadian Science Advisory Secretariat: Research Document 2009/058.
- Holt, C., Davis, B., Godbout, L., Van Will, P. and Luedke, W. 2016. Adapting benchmarks of biological status for persistent changes in productivity and variability in exploitation history with a focus on data-limited populations (Conservation Units) of chum salmon in southern BC. Report submitted to the Pacific Salmon Commission Southern Endowment Fund. 30 March 2016.
- Holtby, L.B. and Ciruna, K. 2007. Conservation Units for Pacific Salmon under the Wild Salmon Policy. Canadian Science Advisory Secretariat: Research Document 2007/070.

**Table 3. Summary of harvest strategy, management parameters and escapement goals for WCVI chum SMUs, brood years 1997-2009.**

Stock Management Unit	PFMA	Harvest Strategy			Brood years 1997 - 2009		Escapement Goals**		
		Target Stock	Method	Max Harvest Rate	Estimated Productivity	Average Harvest Rate*	.5 (S25th)	S25th	S75th
Barkley	23	Wild	Fixed Harvest Rate / Limited Effort	.10 to .15	0.86 (2.26 R/S)	0.14	24,000	48,000	146,000
Clayoquot	24	Wild	Fixed Harvest Rate / Limited Effort	.10 to .15	0.77 (2.17 R/S)	0.04	21,000	42,000	75,000
Nootka	25	Mixed Hatchery Wild	Fixed Harvest Rate / Limited Effort	0.20	.64 (1.89 R/S)	0.22	13,000	26,000	53,000
Esperanza	25	Wild	Fixed Harvest Rate / Limited Effort	.10 to .15	1.14 (3.11 R/S)	0.22	12,000	24,000	50,000
Kyuquot	26	Wild	Fixed Harvest Rate / Limited Effort	.10 to .15	1.37 (3.95 R/S)	<.05	12,500	25,000	68,000

\* For those years when commercial fisheries have occurred.

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**Table 4. In-season escapement benchmarks for Nitinat Lake and area. Note: the commencement and/or continuation of Stage 3 fisheries (i.e. surplus to escapement target fisheries) are contingent on achieving the weekly escapement benchmarks.**

Statistical Week:	Week Ends	ESC Benchmark
Week 10-1	5-Oct	75,000
Week 10-2	12-Oct	125,000
Week 10-3	19-Oct	175,000
Week 10-4	26-Oct	225,000

**Table 5. In-season guidelines for Nitinat Area commercial fisheries.**

Fishery	Stage 1 Assessment Fishery	Stage 2 Commercial Fishery Fixed effort / maximum harvest rate strategy	Stage 3 Commercial Fishery Surplus to Escapement Target strategy
<b>Objective</b>	Assess stock abundance in-season through commercial CPUE	Limit effort to achieve a precautionary harvest rate of 25%, assess run size	Limit effort to achieve the allowable catch
<b>Trigger</b>	Pre-season forecast below the lower fishery reference point of 225,000	Pre-season forecast above the target fishery reference point OR Stage 1 Assessment Fishery indicates abundance is above the lower fishery reference point of 225,000	In-season assessment suggests escapement to Nitinat Lake will exceed the upper fishery reference point of 325,000
<b>Effort</b>	Limited entry and limited effort fishery – i.e. 20 commercial g/n boats maximum participating for 2 days/week.  First day fishing on mandatory “grid pattern” – i.e. maximum of 5 vessels per quadrant.  Mandatory catch validation at offload + daily hail.	Commercial G/N:  Situation 1: Greater than 75 vessels participating: each weekly opening is limited to 1 day.  Situation 1. Less than 75 vessels participating: each weekly opening is limited to a total of 120 vessel-days per week.  Commercial S/N.  2 openings: 1 in Statweek 10/3 and the second in 10/4.  Option 1: Limit vessel-days to 80 total, 40 per week.  Option 2: Limit vessel-days to 50 total week 10/3 and 15 total week 10/4.	Stage 3 fisheries not planned prior to week 10/3  Allowable catch and effort is determined by the expected surplus given escapement observations and timing.

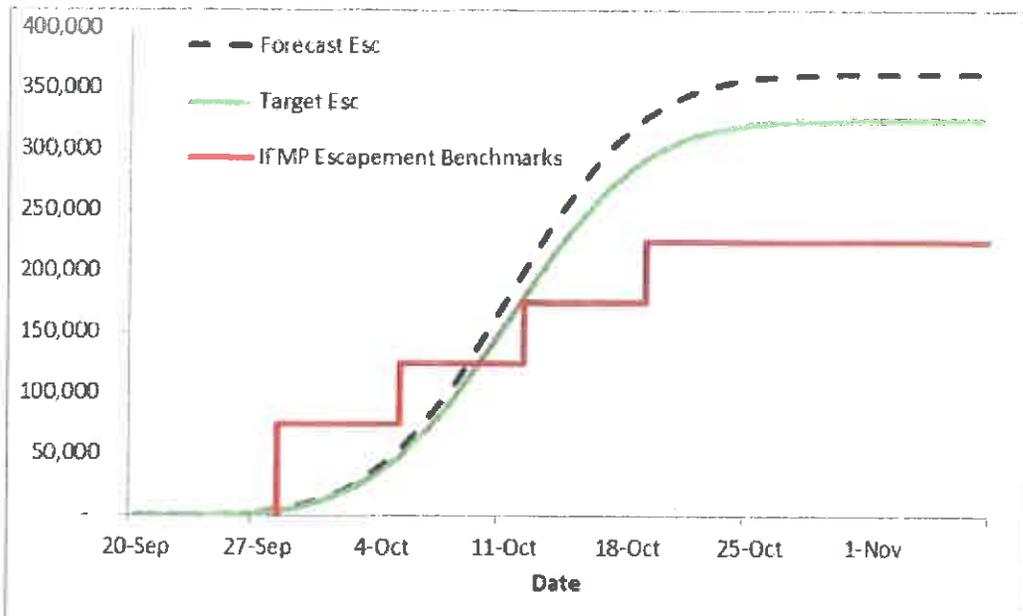


Figure 4. The expected cumulative return timing of Nitinat chum is plotted for the forecast return of 362,000 for average run timing. The target escapement to Nitinat Lake is 325,000 and also plotted for average timing. In-season escapement benchmarks (red line) are used to inform "Stage 3" surplus-to-escapement-target fisheries in the event the run is much larger than the Target Fishery Reference Point of 325,000.)

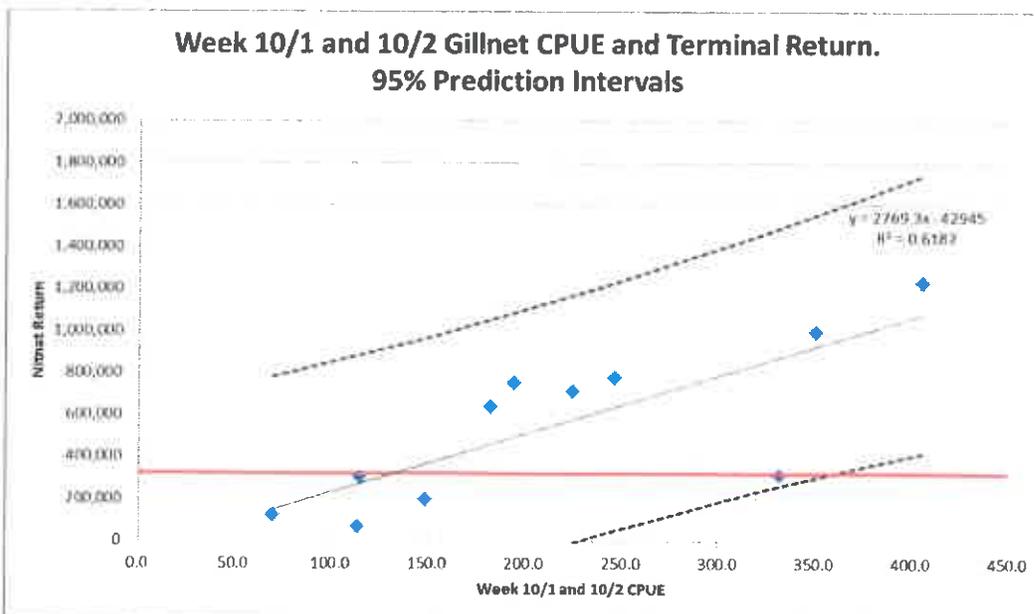
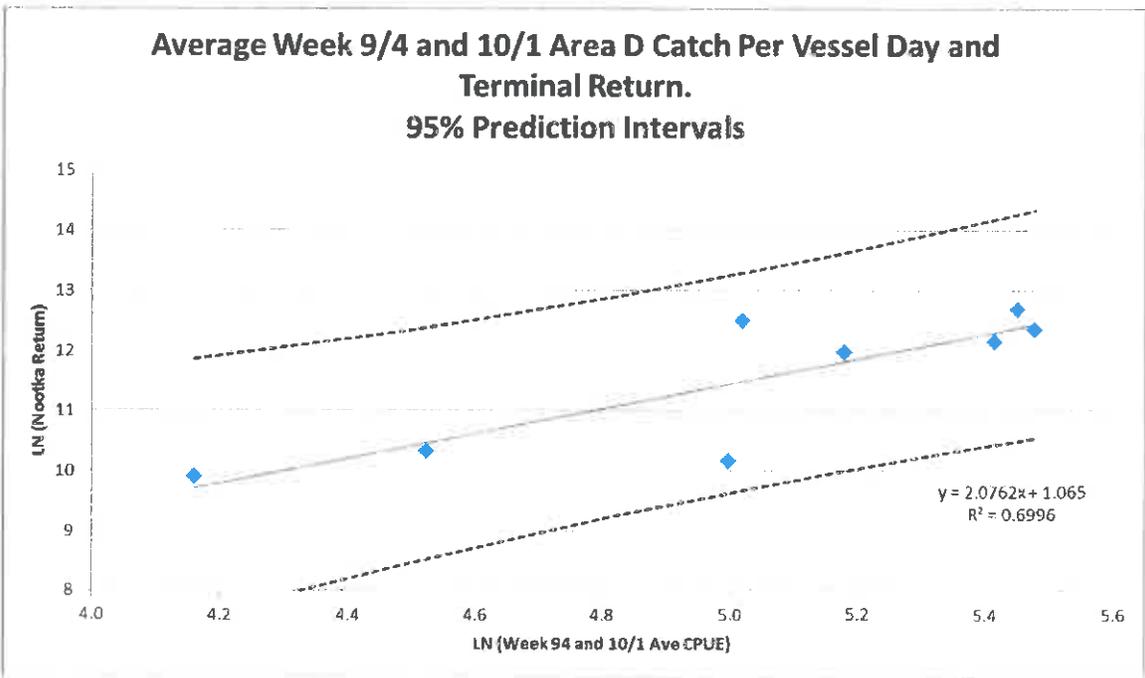


Figure 5. Relationship between the daily commercial gillnet CPUE and the Nitinat chum run size for fisheries occurring in statistical weeks 10-1 and 10-2 in Area 21/121. The flanking lines are prediction intervals associated with the regression. The reference line is the target fishery reference point (TFRP) for Nitinat chum fishery. In-season run size assessment should be precautionary given the considerable uncertainty associated with the data and index.

**Table 6. In-season guidelines for Nootka Sound area commercial fisheries.**

Fishery	Stage 1 Assessment Fishery	Stage 2 Limited entry Commercial Fishery	Stage 3 Full-fleet Commercial fishery
<b>Objective</b>	Assess stock abundance in-season through commercial CPUE	Limit effort to achieve a precautionary harvest rate of 10 to 15%, assess stock abundance	Limit effort to achieve a precautionary harvest rate of 20%
<b>Trigger</b>	Pre-season forecast below the lower fishery reference point	Pre-season forecast above the lower fishery reference point OR Stage 1 Fishery indicates abundance is higher than the lower fishery reference point	Pre-season forecast above the target fishery reference point OR Stage 2 Fishery indicates abundance is higher than the target fishery reference point
<b>Effort</b>	Limited entry and limited effort fishery – i.e. 4 boats maximum participation for 2 days/week.  Mandatory catch validation at offload + daily hail.	Limited entry and limited effort fishery – i.e. 4 to 20 boats maximum participation for 2 days/week. (Level of boats dependent on abundance estimate.)	Full-fleet opening limited to 1-day per week.



**Figure 6. Relationship between the daily commercial gillnet CPUE and Nootka Sound chum run size (expanded for from index stocks and including Conuma Hatchery production) for fisheries occurring in statistical weeks 9-4 and 10-1 in Nootka Sound, Area 25. The flanking lines are prediction intervals associated with the regression. In-season run size assessments should be precautionary given the considerable uncertainty associated with the data and index.**

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Janet St. Denis

Subject: FW: Food Connections 2019 - Presenter Proposal



Thanks for filling out [Food Connections 2019 - Presenter Proposal](#)

Here's what we got from you:

## Food Connections 2019 - Presenter Proposal

Please fill in the presenter application form below. The conference date is Thursday November 28, 2019. The deadline for submitting proposals is September 25, 2019. We will aim to respond to all applications by October 10 to allow you time to make travel and scheduling arrangements.

We are interested in presentations that highlight the interconnections of seafood with farming, food security initiatives, and/or general community membership. Some examples of such topics include: community supported fisheries, aquaponics, fish+farm-to-table, direct-to-customer sales, and fish friendly agricultural practices, regional (sea)food tastings, marketing for community-oriented producers and harvesters, fish harvester/farmer storytelling, environmental impacts & sustainability, co-operatives, the future of food, emerging markets, policies that support local food.

Please note that workshop descriptions, explanations and presenter bios can be quite brief if needed. The word limits listed are approximate maximum lengths, not minimum text required.

Please contact Lynnette from Greenways Land Trust at [lynnette@greenwaystrust.ca](mailto:lynnette@greenwaystrust.ca) or 250-287-3785 if you have any questions or need assistance with an application.

**Email address \***

[sfowler@villageoftahsis.com](mailto:sfowler@villageoftahsis.com)

**Presenter name \***

Sarah Fowler

**Phone number \***

250-934-7713

**Address \***

1162 discovery crescent

**Relevant organizational affiliations**

municipality; Village of Tahsis societies; Nootka Sound Watershed Society (NSWS) Uniting Four Communities Multi-use trail society (U4C)

**Presentation title (\*\* see the top of this form for some examples of relevant topics if you want some ideas to get your juices flowing \*\*) \***

wild or farmed & enhanced

**Presentation style \***

- Speaker/presentation
- Workshop
- Panel discussion
- Other: inter-sectional exercise potential

**Presentation description (up to 200 words, 1 paragraph). \***

Trickle down in the water column. Migratory populations and life cycle routes across territorial and regional borders. Celebrating economically diverse business ventures within a maritime culture of catching, sharing canning expertise and traditional food security.

**How does your presentation fit conference goals and priorities, if explanation is required (up to 75 words, 2-4 sentences):**

Historical data for our coastal zone is ripe, the Nootka Convention was an agreement between the British, Spanish and First Nations at Yuquot. We observe the cyclical travelers, fish and tourists. Our amenity and hospitality home based economy depends on our small village charm. A delicate balance of commercial fisheries, sport lodges, guides, hatchery enhancements, with the protection of wilderness populations.

**Brief bio, or overview of experience related to your presentation topic (up to 100 words, 4-5 sentences) \***

Sarah Fowler is a career activist, poet and administrator. As a student she worked for the minister of citizenship and immigration. As a teacher she described to madras kids in Zanzibar, Tanzania how moving pictures are made, one picture at a time. Currently she is working from home in Tahsis, British Columbia, as a municipal village alderman and independent press editor.

**Can we publish this bio in conference promotion materials (facebook, website, email updates, etc).**

Yes

No

**Requirements for your presentation (ex., screen and projector, tables for participants, large space to move around or for display):**

power point, internet gmail docs access, seats, large space

**Are there additional presenters for your session (co-presenters, panel members, etc.)? Please provide the name and a bio of 2-3 sentences for each.**

my intent is to highlight the accomplishments of a number of local Tahsis business. From Westview Marina, Shock Wave (and other fishing supplies or lodges) to the Tahsis Fish Processing and newly featured West Coast Smoking Oysters.

**Financial support requested? Please provide clear, per-item estimates for any funds requested including travel or lodging reimbursement, speaker/professional fees, or any other special costs associated with your presentation. Note that our budget is limited in an effort to make this event financially accessible. We will do our best, but may not be able to approve all requests for financial support.**

fuel, 263 km tahsis to campell river and return accommodation the night before the morning of the event

[Create your own Google Form](#)



October 2, 2019

**COPY**

Mayor Davis and Council  
Village of Tahsis  
Box 219  
Tahsis, BC V0P 1X0

**RE: 2017 CEPF: Flood Risk Assessment, Flood Mapping & Flood Mitigation Planning – Sea Level Rise Coastal Mapping Assessment**

Dear Mayor Davis and Council,

Thank you for providing a final report and financial summary for the above noted project. We have reviewed your submission and all reporting requirements have been met.

The final report notes a total eligible expenditure of \$122,011.94. Based on this, a payment in the amount of \$58,761.94 will follow shortly by electronic fund transfer. This transfer represents final payment of the grant and is based on 100% of the total reported expenditure minus the initial payment of \$63,250.00 made in January of 2018.

I would like to congratulate the Village of Tahsis for undertaking this project and responding to the opportunity to ensure you have accurate knowledge of the flood hazards your community faces, and to develop effective strategies to mitigate and prepare for those risks.

If you have any questions, please contact Local Government Program Services at (250) 387-4470 or by email at [cepf@ubcm.ca](mailto:cepf@ubcm.ca).

Sincerely,

Rebecca Bishop  
Program Officer

cc: *Mark Tatchell, CAO*



*The Community Emergency Preparedness Fund is funded by the Province of BC*

**Janet St. Denis**

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**Subject:** FW: Letter from the Honourable Katrine Conroy, Minister of Children and Family Development

**From:** MCF Info MCF:EX <[MCF.Info@gov.bc.ca](mailto:MCF.Info@gov.bc.ca)>  
**Sent:** October 2, 2019 11:46 AM  
**To:** Reception Account <[Reception@villageoftahsis.com](mailto:Reception@villageoftahsis.com)>  
**Subject:** Letter from the Honourable Katrine Conroy, Minister of Children and Family Development

**VIA E-MAIL**  
Ref: 244644

His Worship Mayor Martin Davis and Council  
Village of Tahsis  
E-mail: [reception@villageoftahsis.com](mailto:reception@villageoftahsis.com)

Dear Mayor Davis and Council:

It is my pleasure to once again proclaim October as Foster Family Month in British Columbia. As Minister of Children and Family Development, I am honoured to recognize some of our province’s most dedicated people. October presents an opportunity to express our gratitude for the selfless work of a foster parent, who provides not only food and shelter but also, more importantly, positively nurtures and guides the lives of British Columbia’s most vulnerable children and youth.

Government relies on foster caregivers to provide day-to-day stability, care and support to these young people; without them our system would be inoperable, and we would fail to support those who need it most. It brings me great joy to report that, as part of government’s commitment to supporting foster caregivers in their important work, the BC Government announced an increase to the Family Care Rate (also called the maintenance rate) in February 2019. This increase took effect in April 2019 and marks the first maintenance rate increase since 2009. Although alleviating some financial pressures is a step in the right direction, our province continues to owe foster caregivers a huge debt of gratitude.

This month, I invite you to show the people in your community how important these everyday heroes are to our province. I want to encourage you to get involved in celebrating these amazing individuals and their families for working day and night to provide support to children and youth in care. It is my hope that you take the time to acknowledge, host, celebrate, and participate in Foster Family Month appreciation events in your community.

On behalf of the Government of British Columbia, thank you for your continued support in recognizing the foster caregivers in your community.

Sincerely,

***ORIGINAL SIGNED BY***

Katrine Conroy  
Minister