



Executive Committee Acting as a Local Trust Committee (Ballenas-Winchelsea Islands) Regular Meeting Agenda

Date: March 4, 2020
Time: 9:30 am
Location: Nanaimo Museum
Program Room
100 Museum Way
Nanaimo, BC V9R 2X1

Pages

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|--|---------------------------|--------------|
| 1. CALL TO ORDER | 9:30 AM - 9:30 AM | |
| <p>"Please note, the order of agenda items may be modified during the meeting. Times are provided for convenience only and are subject to change."</p> | | |
| 2. APPROVAL OF AGENDA | | |
| 3. REPORTS | 9:30 AM - 9:40 AM | |
| 3.1 Trustee Reports | | |
| 3.2 Chairs Report | | |
| 3.3 Regional District of Nanaimo Electoral Area E Director Update | | |
| 3.4 Snaw-naw-as (Nanoose) First Nation Representative Report (verbal report) | | |
| 4. TOWN HALL | 9:40 AM - 9:50 AM | |
| 5. DELEGATIONS - none | | |
| 6. MINUTES | 9:50 AM - 9:55 AM | |
| 6.1 Local Trust Committee Minutes - none | | |
| 6.2 Section 26 Resolutions-Without-Meeting Report February 19, 2020 | | 3 - 4 |
| 7. BUSINESS ARISING FROM MINUTES | 9:55 AM - 10:05 AM | |
| 7.1 Follow-up Action List dated February 26, 2020 | | 5 - 6 |
| 7.2 Boat Tour - verbal update | | |

8. APPLICATIONS AND REFERRALS - none
9. LOCAL TRUST COMMITTEE PROJECTS - none
10. CORRESPONDENCE - none
(Correspondence received concerning current applications or projects is posted to the LTC webpage)
11. NEW BUSINESS 10:05 AM - 10:15 AM
 - 11.1 Climate Change Adaptation and Mitigation Strategies - Memorandum 7 - 25
 - 11.2 Live Streaming of Local Trust Committee Meetings - Request for Decision 26 - 27
 - 11.3 Model Radio Antenna Strategy - Briefing 28 - 71
12. REPORTS 10:15 AM - 10:25 AM
 - 12.1 Trust Conservancy Report - May, October, December, 2019 and February, 2020 72 - 82
 - 12.2 Applications Report - none
 - 12.3 Trustee and Local Expense Report - none
 - 12.4 Adopted Policies and Standing Resolutions 83 - 83
 - 12.5 Local Trust Committee Webpage
13. WORK PROGRAM 10:25 AM - 10:40 AM
 - 13.1 Top Priorities Report dated February 26, 2020 84 - 84
 - 13.2 Projects List Report dated February 26, 2020 85 - 85
14. CLOSED MEETING - none
15. UPCOMING MEETINGS
 - 15.1 Next Regular Meeting Scheduled for Wednesday, October 7, 2020, at 10:00 AM at Snaw'na'as Health Centre Boardroom, 700 Capilano Road, Lantzville, BC
16. ADJOURNMENT 10:40 AM - 10:40 AM



Resolutions Without Meetings Log

Ballenas-Winchelsea Islands

Resolution Number	Action	Date
2019-008 "That the Executive Committee Acting as a Local Trust Committee (Ballenas-Winchelsea Islands) schedule its regular business meetings on the following dates in 2020: March 4 and October 7."	In Favour	28-Oct-2019
2019-007 That the Executive Committee Acting as a Local Trust Committee (Ballenas-Winchelsea Islands) cancel the regular business meeting scheduled for October 16, 2019 in lieu of the boat tour on October 17, 2019.	In Favour	26-Sep-2019
2019-006 "That the Executive Committee acting as a Local Trust Committee (Ballenas-Winchelsea Islands) endorses the recommended public engagement activities to take place in the Ballenas-Winchelsea Local Trust Area in support of the Trust Council's Islands 2050: The Future of the Trust Area, as outlined in the July 10th, 2019 staff report."	In Favour	25-Jul-2019
2019-005 "That the Executive Committee Acting as a Local Trust Committee (Ballenas-Winchelsea Islands) adopt the minutes of its regular business meeting of March 6, 2019."	In Favour	20-Jul-2019
2019-004 "That the Executive Committee acting as a Local Trust Committee (Ballenas-Winchelsea Islands) appoint Jack Woodward, Laurie Jackson and Sheila Ray to the Board of Variance for the Executive Committee Acting as a Local Trust Committee (Ballenas-Winchelsea) Local Trust Area for a three-year term effective July 27, 2019."	In Favour	17-Jul-2019
2019-003 "That the Executive Committee Acting as a Local Trust Committee (Ballenas-Winchelsea Islands) cancel the regular business scheduled for July 10, 2019."	In Favour	03-Jul-2019

Resolutions Without Meetings Log

Ballenas-Winchelsea Islands

Resolution Number	Action	Date
2019-002	In Favour	10-Jun-2019
"THAT the Executive Committee acting as a Local Trust Committee (Ballenas-Winchelsea Islands) endorse the following text for inclusion in the 2018-2019 Annual Report for approval by the Islands Trust Council and submission to the Minister of Municipal Affairs & Housing: The Executive Committee acting as a Local Trust Committee (Ballenas-Winchelsea Islands) held two regular business meetings, in the 2018/19 fiscal year. The committee advanced its top priority project, advocacy for the protection and appropriate use of Crown islets, by participating in the Mount Arrowsmith Biosphere Region Roundtable and sharing a presentation entitled, "The Ecological Significance of the Islands and Islets in the Ballenas-Winchelsea Archipelago". The committee also adopted Bylaw Enforcement Notification Bylaw No. 34, to regulate the enforcement of bylaw notices in the local trust area."		
2019-001	In Favour	23-Jan-2019
THAT the Executive Committee acting as a Local Trust Committee (Ballenas-Winchelsea Islands) Bylaw No. 34, cited as Islands Trust Executive Committee Acting as a Local Trust Committee Bylaw Enforcement Notification Bylaw No. 34, 2018, be adopted.		

Follow Up Action Report

Ballenas-Winchelsea Islands

12-Dec-2018

Activity	Responsibility	Dates	Status
1 Send Nanoose FN and RDN Electoral Area director a link to the BW LTC meeting agenda packages one week prior to each meeting and remind them of the opportunity to provide verbal or written or phone in updates to the LTC. <i>ONGOING</i>	Sonja Zupanec Wil Cottingham		In Progress

06-Mar-2019

Activity	Responsibility	Dates	Status
1 Staff to update the website with the slide presentation on the Ecological Significance of the Islands and Islets of the Ballenas-Winchelsea Archipelago.	Sonja Zupanec Wil Cottingham		Completed
2 Staff to update the website to include the Coastal Douglas-fir toolkit on the resource page.	Sonja Zupanec Wil Cottingham		Completed
3 Staff to update the Top Priority List to include 'Coordinate a boat tour' under the Advocacy priority and to remove the same from the Projects List; remove 'develop a presentation to MABR' from activities; add "Develop Educational Outreach" to the Projects List.	Sonja Zupanec		Completed

Follow Up Action Report

Ballenas-Winchelsea Islands

06-Mar-2019

Activity	Responsibility	Dates	Status
4 Staff to request funding from the Special Project Fun of up to \$1,500 for a Ballenas-Winchelsea boat tour and recommend the logistics and suggested invitees. <i>October 17 boat tour cancelled due to mechanical issues. Aim to reschedule to April 2020.</i>	Sonja Zupanec Wil Cottingham		In Progress

DATE OF MEETING: Various

TO: Local Trust Committees

FROM: David Marlor, Director,
Local Planning Services

SUBJECT: Climate Change Adaptation and Mitigation Strategies

PURPOSE

At its regular business meeting in June 2019, Trust Council passed the following resolution:

TC-2019-043

It was Moved by Trustee Fast and Seconded by Trustee Peterson,

That Trust Council direct staff to add agenda items 6.4 and 8.4 regarding climate emergency tools and strategies to all Local Trust Committee's upcoming agendas and suggest to the Bowen Island Municipality.

NEXT STEPS

The two reports "Report on Climate Change Adaptation and Mitigation strategies by the Islands Trust" and "Climate Change Emergency Declaration – Local Planning Tools for Mitigation and Adaptation" are provided for information on the local trust committees, and to assist when determining local actions to take in response to Trust Council's climate emergency declaration.

Submitted By:	David Marlor, MCIP, RPP Director, Local Planning Services	August 29, 2019
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ATTACHMENTS

1. Attachment 1: Items 6.4 and 8.4 from June 2019 Trust Council

To: Trust Council **For the Meeting of:** June 19, 2019
From: CAO **Date Prepared:** May 23, 2019
SUBJECT: Report on Climate Change Adaptation and Mitigation strategies by the Islands Trust

PURPOSE: To provide Trust Council a summary report on current and past actions, and policies adopted by the Islands Trust to address climate change. This report is a companion report to the land use actions report on the current agenda and is offered to provide context for Trust Council as they contemplate a range of potential options to address climate change within the Trust Area.

BACKGROUND: On March 13, Trust Council passed the following resolution:

That the Islands Trust Council:

1. Declare a Climate Change Emergency in the Islands Trust Area.
2. Add climate change mitigation, resilience, and adaptation policies to the Islands Trust Policy Statement amendment project.
3. Direct the Trust Council Chair to write to the Chairs of Regional Districts in the Islands Trust Area asserting Trust Council's full support for declarations of a Climate Emergency;
4. Direct the Trust Council Chair to write to the Provincial Minister of the Environment, asserting the Islands Trust Council's support to help the Province close the 25% emissions gap in the Clean BC Plan, and calling on the Province to provide the powers and resources to local governments;
5. Direct the Trust Council Chair to write to the Federal Minister of the Environment, asserting the Islands Trust Council's support to help Canada meet its Nationally Determined Contribution target made in the Paris Agreement and call on the federal government to provide the powers and resources to local governments.
6. Direct staff to report back to the June 2019 Trust Council meeting on measures and land-use planning actions that the Islands Trust can take to advance progress toward Local Trust Committee climate reduction targets and achieve further reductions in carbon from Trust operations.
7. Direct staff to include a central focus on equitable climate change mitigation, adaptation, and resilience into strategic planning to provide guidance and support for the Trust Area's efforts to transition away from fossil fuels in ways that prioritize those most vulnerable to climate impacts and most in need of support in transitioning to renewable energy.
8. Trust Council directs staff to work with First Nations and First Nations government agencies to seek support for the climate change emergency and to engage to coordinate climate action strategies with First Nations within the Islands Trust Area.

While the Islands Trust, as a function of its mandate and authority, has included climate change adaptation and mitigation measures in its decision making, including Bill 27 OCP implementation and the application of land use regulations, this briefing provides an overview of specific climate actions that the organization has taken.

1. **Anticipated climate changes within the Trust Area:** Given accessible climate change information for the region, it is anticipated that with an increase in global warming at or above 1.5 C the Trust Area would be impacted in the following ways.
 - i. Wetter fall seasons
 - ii. Dryer, hotter summers, drought conditions
 - iii. More inclement weather, extreme weather events
 - iv. Warmer winters
 - v. No frost
 - vi. Rise in sea level
 - vii. Species shift
2. The following table provides a timeline of key climate change actions by the Islands Trust and Islands Trust Conservancy over the last 15 years.

Table 1. Timeline of climate change actions

2005	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
passed resolution for advocacy on climate change	Signed BC Climate Action Charter	developed "Trust Area Climate Vulnerabilities" document	Bill 27 requirements, develop OCP amendments: Climate Smart Islands Program	over 2 year span, the majority of OCPs are amended to incorporate Bill 27			adoption of Carbon Neutral Operations Policy 7.4.v		Letter to Prime Minister Trudeau re Paris Climate Accord	State of the Islands Report	initiated groundwater workshops	delivered seal level rise workshops	declared climate emergency
		adopted Corporate Climate Action Plan					Corporate Sustainability Advisory Group Initiated					Adopted CDF toolkit	

3. BC Climate Action Charter

The Islands Trust is a signatory to the BC Climate Action Charter and has taken a number of steps to honor that commitment. Since 2007, we have reported on our website on our plan to achieve our climate action goals. We participate in the Climate Action Revenue Incentive Plan (CARIP) that requires we summarize our GHG emissions and energy consumption and detail our programming towards carbon neutrality. To summarize, the Islands Trust as an organization generates between 55 and 65 tCO₂e per year. We have traditionally then purchased carbon credits to achieve carbon neutrality from the Community Carbon Marketplace, which we been doing since 2012.

Using 2017 CARIP report as an example, key emissions measures are the following:

- a) Direct emissions
 - a. Vehicles fuel 14652 L
 - b. Stationary gigajoule 346
- b) Indirect Emissions
 - a. Purchased energy gigajoule 506
 - b. Purchased reported gigajoule 126
- c) Scope 3 emissions
 - a. Office paper packages 608

Please note that while the Province committed to providing Community Energy and Emission Inventory data for local governments, there is insufficient data for the Islands Trust specifically, requiring that we use a conversion factor to approximate some of our emissions measures.

4. **Bill 27 OCP Greenhouse Gas amendments**

Under separate cover a report will be provided to the June 2019 Trust Council meeting that will include the amendments to local trust committees OCPs required by Bill 27. Generally, each LTC/Bowen Island Municipality (except Piers Island) adopted target reductions for their area, either a 50% or 33% reduction by 2020 and a greater, 85% reduction by 2050. Land use bylaws have not been comprehensively updated to reflect OCP direction. There has been no sustained performance measurement of each local trust area/island municipality to determine how successful the OCP amendments have been in reducing emissions. Datasets are limited on an LTA/IM by LTA/IM basis for specific GHG reductions.

5. **Corporate Actions**

- i. In 2007, the Islands Trust adopted a **Corporate Climate Action Plan**. From a corporate perspective, the three areas effecting our emissions levels are travel, paper and building heating and maintenance. The Climate Action Plan provides a reasonably rigorous analysis of these target emission sources as well as others and make recommendations for mitigations. The Action Plan has led to a number of business practices that are still in place including:
 - a. Reduction of printing
 - b. Reduction of color printing
 - c. Double siding of documents
 - d. Not producing paper agendas
 - e. Support for employees to commute by bike
 - f. Increased ride sharing to staff and Trust meetings
 - g. Replacement of the windows and shading of Victoria office
 - h. Revised purchasing policy to emphasize energy efficiency

The plan is now somewhat dated and could be refreshed to find new points of emphasis and education for staff and trustees.

Since 2007 the Trust has monitored its GHG generation and in support of the Action Plan.

- ii. Adoption of **Policy 7.4.5 Carbon Neutral Operations**. This policy formalized a number of Trust wide operations dedicated to GHG reduction, including a carbon reduction goal, identification of carbon emission sources, dedication to using offsets to achieve carbon neutrality (including purchasing criteria) and reporting requirements.
- iii. In January 2013, a Corporate Sustainability Advisory Group (Green Team) was identified consisting of one member of Trust Council and a department representative across the organization. The term was for 12 months and the terms of reference included develop innovating ways to address climate change impacts and GHG reductions and to implement the Corporate Action Plan.

From the available data on Islands Trust operations, it is reasonable to conclude that we are a low carbon producing organization.

6. **Regional and National Context**

It would be impractical to provide a comprehensive overview of regional climate change initiatives; however, it is worth noting that there have been 16 declarations of a climate emergency in BC. Prominent among them is the City of Vancouver who have recently unanimously approved a motion recognizing the climate emergency and passing an ambitious set of six “Big Moves” that will guide

the City's response to Climate Change. The goal is to meet the objective of limiting warming to 1.5C as per the Paris Agreement.

The initial wave of climate emergency declarations occurred in Quebec (2018-2019), with over 300 communities having taken this step.

7. Issues and Opportunities

The following items provide a list of issues, amongst many, that could form the basis for further discussion by Trust Council.

- We do not have accurate Community Energy and Emissions Inventory information which limits our ability to accurately measure how emissions programing is reducing carbon levels.
- Issue of built form density is central to lessening climate change impacts and GHG production within the Trust Area.
- The Islands Trust does not have climate change policy in the Policy Statement but does in Official Community Plans and a variable level of climate regulation in LUBs.
- Corporate opportunities: electronic meetings, carbon friendly foods, further policies on travel.
- We have not liaised with First Nations on climate change in any substantial manner and will need to include this issue in our Policy Statement discussions.

ATTACHMENT(S):

- 1. N/A**

FOLLOW-UP: As directed by Trust Council

Prepared By: R Hotsenpiller

Reviewed By/Date: May 28, 2019



Islands Trust Council Plan for Continuous Learning

(What other topics would trustees like to propose?)

Updated May 9, 2019

Year	Trust Council Meeting	Trust Wide and Administrative Topics	Legal and Governance Topics	Planning How-To	Working With Others
2019	December (Victoria)				
	September (Bowen)				
	June (Galiano)	Strategic Plan	What Elected Officials Need to Know about FOI & Protection of Privacy Training (LGMA) June 25 th webinar.		Chair, Vice Chair, Committee Chairs & ITC Chair training
	March 2019 (Gabriola)	Strategic Plan	Young/Anderson Introduction Bill Buholzer		
	January 2019 Nanaimo	Orientation	Orientation		NA
2018	November (Victoria)	Orientation	Orientation	Orientation	Orientation
	September (Gambier/Keats)	Lessons Learned 2014 -2018	Implications of the Water Sustainability Act		
	June (Saturna)	Strategic Plan	<i>Islands Trust Act</i> Amendments		Agricultural Land Commission/Islands Trust
	March (Salt Spring)	(Freshwater Specialist) (Water Sustainability Act) Regional Conservation Plan		Adapting to Climate Change	March (Salt Spring)

BRIEFING

To: Trust Council **For the Meeting of:** June 18, 2019

From: David Marlor, Director, Local Planning Services **Date Prepared:** May 30, 2019

SUBJECT: **Climate Change Emergency Declaration – Local Planning Tools for Mitigation and Adaptation**

PURPOSE:

To provide an initial approach in response to Trust Council's Climate Change Emergency Declaration in respect to local planning tools to address climate change.

BACKGROUND:

At its regular business meeting in March 2019, Trust Council declared a Climate Change Emergency. As part of that declaration, Trust Council requested that staff:

"report back to June 2019 Trust Council meeting on measures and land use planning actions that the Islands Trust can take to advance progress towards Local Trust Committee climate reduction targets and achieve further reductions in carbon from Trust operations".

This briefing focuses on land use planning actions that the local trust committees and Bowen Island Municipality could take to advance progress towards greenhouse gas reduction targets and to adapt to the effects of climate change.

Following the implementation of new mandatory requirements for official community plans to include targets and policies for greenhouse gas reductions, all local trust committees and Bowen Island Municipality amended their official community plans to include those targets and policies.

The following table includes a summary of the targets established by each local trust committee and Bowen Island Municipality in their official community plans. Each local trust committee and Bowen Island Municipality also adopted related policies on how to achieve those targets.

Local Trust Committee/Island Municipality	Reduction By 2015	Reduction By 2020	Reduction By 2050	Notes
Bowen Island Municipality	-	33%	80%	Reduction over 2007 emissions
Ballenas-Winchelsea	-	50%	50%	Below per Canadian per capita for 2020/2050
Gabriola	-	33%	85%	Reduction over 2007 emissions

• Mudge	-	50%	50%	Below per Canadian per capita for 2020/2050
• DeCourcy	-	50%	50%	Below per Canadian per capita for 2020/2050
Galiano	-	33%	-	Reduction over 2007 emissions
Gambier	-	33%	85%	Reduction over 2007 emissions
• Associated	-	20%	85%	Reduction over 2007 emissions
• Keats	-	33%	85%	Reduction over 2007 emissions
Denman	-	33%	85%	Reduction over 2007 emissions
Hornby	-	25%	80%	Reduction over 2007 emissions
Lasqueti	-	50%	50%	Below per Canadian per capita for 2020/2050
Mayne	-	33%	-	Reduction over 2007 emissions
North Pender	-	33%	-	Reduction over 2007 emissions
• Associated	-	50%	50%	Below per Canadian per capita for 2020/2050
Saturna	-	33%	-	Reduction over 2007 emissions
SSI	15%	40%	85%	Reduction over 2007 emissions
• Piers	-	-	-	Bylaw is not compliant
South Pender	-	33%	-	Reduction over 2007 emissions
Thetis	-	33%	85%	Reduction over 2007 emissions
Associated	-	-	-	Bylaw contains no targets
Valdes	-	50%	50%	Below per Canadian per capita for 2020/2050

A. Local Planning Actions Since 2010

Since 2010, planning Staff regularly include consideration of climate change mitigation and adaptation in staff reports on planning applications and projects. As a result, all planning decisions by local trust committees over the past eight years have included a climate change lens. In addition to this, local trust committees adopted specific policies in their official community plans related to climate change mitigation and adaptation. Many of these policies have been implemented through land use bylaw amendments. A list of these implemented policies is included in Appendix 1.

Appendix 2 lists the official community plan policies that have not yet been implemented in the land use bylaws.

The remainder of this briefing provides information on land use planning actions that can be undertaken in relation to climate change. Section B addresses actions related to climate change mitigation and Section C addresses actions related to climate change adaptation.

B. Climate Change Mitigation Tools

Climate change mitigation involves actions that reduce greenhouse gas emissions (GHGs). In the local trust areas the main source of GHGs is combustion from transportation and combustion from heating and cooling buildings. Therefore, any policies and regulations that reduce the need for transportation, or reduce the need for heating or cooling of buildings will help in reducing GHGs.

The Province committed to providing the Community Energy and Emissions Inventory (CEEI) for local governments. For the Islands Trust area there is very little data available. The only metric is residential heating using wood, propane or oil (and this is withheld for Lasqueti and Gambier LTAs). There are no metrics available for transportation or any other source of GHG emissions. The last year CEEI reports were undertaken was 2012. As a result we currently do not have metrics to measure progress towards targets in OCPs. Bowen Island Municipality has Community Energy and Emission Inventories (starting on page 40 of this linked document <https://bowenisland.civicweb.net/document/118760>).

Local trust committees and Bowen Island Municipality have the following tools available to them to reduce GHGs:

- **GHG Reduction Targets** - Section 473 of the *Local Government Act* – required content for official community plans, inclusion of targets and policies with respect to reducing greenhouse gas emissions.
- **Zoning Authority** – Section 479 of the *Local Government Act*.
- **Development Permit Area to Promote Energy Conservation** – Section 488(1)(h) of the *Local Government Act*.
- **Development Permit Area to Promote the Reduction of Greenhouse Gas Emissions** - Section 488(1)(j) of the *Local Government Act*.

Local trust committees and Bowen Island Municipality could undertake the following to mitigate climate change.

1. **Enact existing Official Community Plan policies** for the mitigation of climate change that are already in the official community plans but have not yet been acted on (Appendix 2 contains a list of these policies).
2. **Update official community plans** to ensure the mandatory GHG reduction targets and policies are relevant and up to date; Galiano Island, Mayne Island, North Pender Island, South Pender Island and Saturna Island local trust committees have targets for GHG reduction set for 2020 with no targets for any future dates, and as such those targets will be out of date next year. The Salt Spring Island Local Trust Committee has not adopted any targets or policies for the Piers Island OCP. The Thetis Associated Islands OCP contains objectives and policies but no targets. While the Islands Trust has very limited metrics to measure progress, the requirement to have targets and policies in official community plans is mandatory under s. 473 of the *Local Government Act*. These official community plans should be updated within the next year to ensure they remain compliant with required content for an official community plan, and to address targets and policies for GHG reduction. Other local trust committees should review their targets and policies for relevance to current conditions.
3. **Use the zoning authority under s. 479 of the *Local Government Act* to cluster development** and move away from large lots to small compact "villages". This can be accomplished through OCP policies to require this kind of development, rezoning appropriately by increasing density in appropriate locations and reducing in other locations and density transfer to move density to appropriate areas. Some local trust committees already have some form of this in their OCPs. Salt Spring and Gabriola have density transfer that has seen some significant land use changes. While these were not specifically created to address climate change mitigation, they can be

effective in changing the land use pattern to one that is more sustainable and reduces the need for transportation.

5. **Use the climate change development permit areas to reduce the heating and cooling requirements for buildings.** To improve building energy efficiency, land use planning can require landscaping and orientation of buildings in a way to maximize sun in winter and shade in summer. This would be done through a development permit area (DPA), with the justification and objectives in the Official Community Plan and the guidelines in the Land Use Bylaw. Local trust committees and Bowen Island Municipality may use DPAs to reduce GHG emissions and for energy conservation under s. 488 of the *Local Government Act*. Using these DPAs, local trust committees and Bowen Island Municipality may establish guidelines around landscaping, siting of buildings and structures, form and exterior design of buildings and structures, machinery, equipment and systems external to buildings or structures. The DPA may also place restrictions on type and placement of trees and other vegetation in proximity to buildings and structures to provide for energy conservation and reduction of GHGs.

C. Climate Change Adaptation Tools:

Climate change adaptation involves adapting communities to the anticipated effects of climate change. In the Islands Trust area, these effects include sea-level rise, longer periods of drought, more intense storm events, wildfires, warmer summers and warmer winters, and ecosystem changes which may impact plant and animal species.

Local trust committees and Bowen Island Municipality have the following tools available to them to adapt to climate change:

- **Zoning Authority** - Section 479 of the *Local Government Act*.
- **Runoff Control Bylaw** - Section 523 of the *Local Government Act*.
- **Development Permit Area to Protect Development from Hazardous Conditions** – Section 488(1)(b) of the *Local Government Act*.
- **Development Permit Area to Promote Energy Conservation** - Section 488(1)(h) of the *Local Government Act*.
- **Development Permit Area to Promote Water Conservation** – Section 488(1)(i) of the *Local Government Act*.

Local trust committees and Bowen Island Municipality could undertake the following to adapt their communities to the effects of climate change:

1. **Sea Level Rise Adaptation Tools**

The Provincial government has established an expected sea-level rise in the Victoria area of 3.1 cm/50 years.

The Provincial (Subdivision) Approving Officer is currently requiring at time of subdivision a covenant for a 15 metres setback and 1.5 metres above the current high high water mark for any buildings or structures. This approach by the Provincial Approving Officer is a broad-brush approach to adapting to climate change and does not consider site specific conditions. Before initiating adaptation measures local trust committees and Bowen Island Municipality should have an understanding of the local situation.

- a) **Undertake mapping of sea-level rise** on the islands to provide information to assist with developing policies and regulations to adapt to sea-level rise.
- b) **Enact zoning regulations under s.479 of the *Local Government Act* and flood level regulations under s. 524 of the *Local Government Act*.** Using these provisions, local trust committees and Bowen Island Municipality may enact regulations to require setbacks for

buildings and structures from the future anticipated natural boundary of the sea, as well as establish a minimum elevation for buildings and structures above the anticipated future elevation of the sea. Local trust committees and Bowen Island Municipality could make exceptions for structures that are designed to be moved (not on permanent foundation). Notwithstanding, the Provincial Approving Officer will continue to have independent authority to establish different requirements.

2. **Longer Periods of Drought Adaptation Tools**

Islands Trust Staff currently has little information on groundwater such as the effects of climate change on recharge and capacity of the aquifers to provide water. Research and mapping of aquifers would allow local trust committees to develop policies and regulations that reflect the capacity of the aquifers including anticipated climate change effects. Water storage and alternative water supplies could be considered. Means to reduce water consumption includes using development permit areas for water conservation, requiring drought tolerant planting, and requiring features to reduce water use.

- a) **Undertake research and mapping of aquifers, develop water consumption budgets, and identify salt water intrusion risks**, based on expected climate change effects. This work would then inform the land use planning for future development on the islands. This work is already underway for some islands, and staff is working with the Ministry of Forest, Lands, Natural Resource Operations and Rural Development to undertake a robust salt water intrusion risk assessment and mapping for the Islands Trust area.
- b) **Update policies and regulations to align their development potential** – through land use and density provisions – with the anticipated capacity of the aquifers.
- c) **Use the climate change development permit areas under s. 488 of the *Local Government Act* to promote water conservation.** Local trust committees and Bowen Island Municipality could establish goals, objectives and guidelines related to landscaping; siting of buildings and structures; form of exterior design of buildings and structures; specific features in the development; and machinery, equipment and systems external to buildings and structures to promote water conservation. The guidelines may restrict the type and placement of trees and other vegetation in proximity to buildings and structures in order to provide for water conservation.

4. **More Intense Storms Adaptation Tools**

Climate change is expected to result in more intense storm events, with higher winds and heavier rain than in the past.

- a) **Develop runoff control bylaws** under s. 523 to deal with anticipated flood and runoff from storm events.
- b) **Establish development permit areas for the protection of development from hazard conditions** under s. 488 of the *Local Government Act*. Under this development permit area, local trust committees and Bowen Island Municipality could establish areas subject to flooding and require they remain free from development except development may be permitted in accordance with the guidelines. These requirements may vary use and density but only as it relates to health, safety or protection of property from damage. The legislation also allows the local trust committee and Bowen Island Municipality to require a professional report at the applicant's expense to help with determining appropriate development permit conditions.

5. **Wildfire Adaptation Tools**

As climate change results in hotter and longer dryer periods during the summer months, the risk of wildfires on the islands increases. Most islands have a wildfire plan prepared by the fire district or regional district.

- a) **Establish development permit areas for the protection of development from hazard conditions** under s. 488 of the *Local Government Act*. Under this development permit area, local trust committees and Bowen Island Municipality could establish areas at risk to wildfires and include requirements respecting the character of development, including landscaping, and the siting, form, exterior design and finish of buildings and other structures, and establish restrictions on the type and placement of trees and other vegetation in proximity to the development. These requirements may vary use and density but only as it relates to health, safety or protection of property from damage. The legislation also allows the local trust committee and Bowen Island Municipality to require a professional report at the applicant's expense to help with determining appropriate development permit conditions.

6. **Warmer Summers and Warmer Winters Adaptation Tools**

Climate change is expected to lead to our summers and winters becoming warmer.

- a) **Establish development permit areas for energy conservation** under s. 488 of the *Local Government Act* to require that the exterior form and design of buildings, and other specific features of the development, reduce the need for energy in summer and winter. Local trust committees and Bowen Island Municipality could establish goals, objective and guidelines related to landscaping; siting of buildings and structures; form of exterior design of buildings and structures; specific features in the development; and machinery, equipment and systems external to buildings and structures to promote energy conservation. The guidelines may restrict the type and placement of trees and other vegetation in proximity to buildings and structures in order to provide for energy conservation.

ATTACHMENTS:

1. Summary of Local Trust Committee OCP climate change policies already implemented
2. Summary of Local Trust Committee OCP climate change policies not yet implemented

FOLLOW-UP:

Further work in specified areas as indicated in the briefing, or as requested by the Trust Council, Executive Committee, Local Planning Committee or local trust committees.

Prepared By: David Marlor, Director, Local Planning Services

Reviewed By/Date: Russ Hotsenpiller, Chief Administrative Officer/

Summary of Official Community Plan policies, listed by local trust area, that have been implemented in the land use bylaws.

Ballenas-Winchelsea Local Trust Area

- Shoreline Development Permit Area (applicable to 30 m upland of the natural boundary of the sea).
- Regulations in the land use bylaw exempts solar collectors, wind generators and water storage tanks from height restrictions.

Denman Island Local Trust Area

- Climate change impacts are considered in staff.
- Providing the dedication of conservation area, consistent with OCP policies for density transfer.

Gabriola Island Local Trust Area

Gabriola Island

- Climate change impacts are considered in staff reports.
- Providing for rainwater collection and storage, trail/path connections and dedication of 300+ acres of parkland.
- Development Approval Information (DAI) Bylaw amended (2013) to include option to address GHG emissions, anticipated energy usage, carbon emissions and groundwater resources in conjunction with bylaw amendment or TUP applications [Criteria for assessing OCP/LUB applications developed.
- Land Use Bylaw (parking regulations and Village DPA guidelines) amended to encourage public transit, smaller vehicles, non-polluting vehicles, and permeable parking surfaces and increase walkability.
- Land Use Bylaw amended to measure the footprint of buildings and structures from the interior walls instead of the outer perimeter of the foundation of the building, so increased insulation is encouraged, and to exclude cisterns from floor area calculation.
- Official Community Plan and Land Use Bylaw amended to encourage local food production.

Mudge Island

- Climate change impacts considered in staff reports.
- Land Use Bylaw amended to exclude from the calculation of lot coverage in the RR zone: cisterns and similar structures for rainwater collection and storage; fire-fighting towers; pervious paths, driveways and parking spaces; and garden beds.

DeCourcey Island

- Climate change impacts considered in staff reports.

Galiano Island Local Trust Area

- Climate change impacts considered in staff reports, and inclusion of a policy in the Land Use Policies section of the Official Community Plan applicable to consideration of all applications.
- Amendments to shoreline development permit area to include guidelines to consider and address sea level rise impacts.
- Changes to zoning regulations to permit small-scale renewable energy, specifically height regulations amended.

Gambier Island Local Trust Area

- Climate change impacts considered in staff reports.

Hornby Island Local Trust Area

- Climate change impacts considered in staff reports.
- Official Community Plan Water Supply Protection and Water Resource Protection Development Permit Area includes guidelines to protect water resources.
- Official Community Plan Community Service Use Development Permit Area includes guidelines to provide rainwater catchment and storage; and hydrology study.
- Official Community Plan Commercial Development Permit Area includes guidelines to maintain natural vegetation and reduce light pollution.
- Water storage tanks and wind turbines exempt from Land Use Bylaw height regulations.

Lasqueti Island Local Trust Area

- Climate change impacts considered in staff reports.

Mayne Island Local Trust Area

- Climate change impacts considered in staff reports.
- Zoning amended to exclude solar collectors, wind generators and water tanks from maximum height regulations.
- Geothermal heating systems permitted.
- Amendments to Land Use Bylaw to permit mixed use (second storey residential) in commercial zones.
- Zoning for employee accommodation in commercial resorts.
- Secondary suites permitted.

North Pender Island Local Trust Area

North Pender Island

- Climate change impacts considered in staff reports.
- Secondary suites permitted.
- Temporary use permit guidelines amended to include climate change impacts.

North Pender Associated Islands

- Climate change impacts considered in staff reports.
- Shoreline DPAs include erosion provisions.

Salt Spring Island Local Trust Area

Salt Spring Island

- Climate change impacts considered in staff reports.
- Secondary suites permitted in select areas.
- Amenity Zoning includes implementation of energy efficient building design criteria that exceeds that required by the B.C. Building Code or other regulations.
- Climate change considered when evaluating suitability of density transfer.
- Rezoning application supporting local food production and storage as a community amenity
- Coordination with local and provincial agencies regarding fresh water demand and supply in relation to climate change.
- Land use regulations require 15m setbacks from natural bodies of water; 1.5 m elevation above natural body of water.
- Pathways and bikeways dedication at time of subdivision as per OCP Cycle Route map.

- DAI Bylaw including development permit checklist (both are drafted but not yet implemented).

Piers Island

- Climate change impacts considered in staff reports.
- 3.0 m elevation of buildings required if within 30m of water body.

Prevost Island

- Climate change impacts considered in staff reports.

Saturna Island Local Trust Area

- Climate change impacts considered in staff reports.
- Geothermal heating permitted.
- Secondary dwelling units (secondary suites amendment in process).
- Sustainability checklist.
- TUP guidelines amended to include consideration of climate change impacts.

South Pender Island Local Trust Area

- Climate change impacts considered in staff reports.
- Although not a Bill 27 requirement, LUB was amended to limit dwelling floor area and overall floor area on residential lots.

South Pender Island Local Trust Area

- Climate change impacts considered in staff reports.

Thetis Island Local Trust Area

Thetis Island and Valdes Island

- Climate change impacts considered in staff reports.

Thetis Associated Islands

- Climate change impacts considered in staff reports.
- Land Use Bylaw definition of floor area excludes any floor area occupied by a cistern used for the collection of rainwater for domestic use or fire protection.
- Land Use Bylaw permits the following uses in all zones: conservation; water supply facilities for the purposes of supplying potable or grey water on an individual island, including cisterns, reservoirs, pipes, treatment facilities, catchment and storage facilities and pumping and intake structures; solar collectors; wind turbines; and ocean geothermal loop exchange systems.
- Solar collectors are exempt from Land Use Bylaw height regulations.

Summary of Local Trust Committee Official Community Plan Policies that have yet to be implemented.

The following is a summary of Official Community Plan policies on climate change that have not yet been enacted in the land use bylaw regulations or through development permit areas. For actual wording of the policies, please consult that relevant official community plan bylaw.

Ballenas-Winchelsea Local Trust Area

- Identify significant un-fragmented forest and non-forest ecosystems and ensure these are noted on mapping for environmental and carbon sequestration value.

Denman Island Local Trust Area

- Review zoning to ensure provisions encourage energy efficiency and the greenhouse gas emissions reduction in new construction.
- Review development permit area guidelines and incorporate provisions to promote energy conservation, water conservation and greenhouse gas emissions reduction.
- Encourage renewable energy, limit fossil fuel consumption, encourage energy-efficient and carbon-efficient building construction.

Gabriola Island Local Trust Area

Gabriola Island

- Consider new development permit area guidelines that promote low impact land uses, alternative transportation, energy conservation, water conservation, and the reduction of GHGs.
- Identify significant un-fragmented forest ecosystems within the planning area and ensure that these areas are noted on mapping both for their environmental values as well as carbon sequestration areas.
- Amend LUB to consider setbacks from the ocean in relation to sea level rise.

Mudge Island

- Establish climate change as a fundamental factor in land use decision making.
- Encourage on-island agriculture and sharing of local food production.
- Encourage all new construction be built at the highest possible energy-efficiency standards.
- Further policies and actions to be considered as part of a future review of the OCP.

DeCourcey Island

- Encourage on-island agriculture and the sharing of local food production.
- Encourage new construction built at highest possible standards to reduce energy needs.
- Specific policies and actions to be included in a future OCP review.

Galiano Island Local Trust Area

- Amendments to parking requirements to require alternatives to parking spaces.
- Requiring new development to utilize building technology that minimizes energy use.

Gambier Island Local Trust Area

Gambier Island

- Develop new criteria for assessing OCP or zoning amendment applications from the perspective of climate change adaptation and mitigation.
- Support protection of forest resources.
- Require water storage with every dwelling unit.

Gambier Associated Islands

- Support actions to minimize GHG emissions.
- Recognize importance of forested lands in removing carbon dioxide from the atmosphere.
- Consider potential impacts on global climate change and GHG reduction targets when considering applications.
- Identify significant un-fragmented forest ecosystems within the planning area and ensure that these areas are noted on mapping for both their environmental value and as carbon sequestration areas.
- Reduce extent of infrastructure (e.g. development of common docks).
- Zoning regulations should support small scale residential solar and wind power generation on residential lots.

Keats Island

- Promote use and development of renewable energy sources.
- Develop new criteria for assessing OCP or zoning amendment applications from the perspective of climate change adaptation and mitigation.
- Support cluster development appropriate for Keats Island.
- Encourage energy efficient buildings.
- Encourage use of alternative energy.
- Encourage water storage for every dwelling unit

Hornby Island Local Trust Area

- Develop criteria for assessing OCP or LUB amendment applications from the perspective of climate change adaptation and mitigation.
- Encourage retention of forest cover except for the clearing of land for farming in the ALR.
- Limit size of buildings and opportunities for attached dwelling units and visitor accommodation units.
- Encourage green building techniques and alternative energy systems (solar, wind, geothermal, or water based) into residential housing.
- Encourage safe multi-use trails and bike lanes to facilitate non-motorized forms of travel.
- Encourage “climate wise” actions, including water conservation, storm water retention, the use of alternative energy sources for home use, and the use of alternative transportation methods.
- Support the local provision of services that residents presently travel off-island to access.
- Review LUB to provide for community gardens and community food processing and storage.
- Encourage local food production.

Lasqueti Island Local Trust Area

- Develop criteria for assessing OCP or zoning applications from the perspective of climate change adaptation and mitigation.
- Encourage energy conserving buildings.
- Encourage cycling and walking trails to permit non-automobile based forms of travel.
- Encourage water conservation and rainwater catchment.

Mayne Island Local Trust Area

- Permitting attached dwellings.
- DPA to manage lot layout.
- DPA for energy conservation.
- Amendments to amenity zoning and density transfer policies.

North Pender Island Local Trust Area

North Pender Island

- A review of overall development potential to consider amendments to zoning where changes could limit or reduce emissions.
- Permitting attached dwellings.
- Amending parking requirements.
- DPA to manage subdivision layout (conservation subdivision design project started but later abandoned by LTC).
- Second storey residential over commercial.
- Requiring cisterns or other water conservation measures in new development.
- Permitting community wood chipping or composting.
- Amend existing DPA to include energy conservation provisions.

North Pender Associated Islands

- Specific policies and actions to be included in a future review of the plan.

Salt Spring Island Local Trust Area

Salt Spring Island

- Calculation of carbon budget at time of rezoning or demonstrated conformity with LEED or similar.
- GHG or energy efficiency specific DPA.
- Amend fees bylaw to support energy efficient building design.
- Mapping and analysis to anticipate potential impacts of climate change on land use.
- Height relaxation for solar and wind power generation on residential lots.

Piers Island

- In progress of updating OCP for Climate Change.

Prevost Island

- No policies on climate change – bylaw requires updating

Saturna Island Local Trust Area

- Amending zoning to allow mixed use, including second storey residential in commercial designation.
- Amending parking requirements.
- Include energy conservation measures in DPA.
- Implement DPA for lot layout and tree removal.
- Permitting attached dwellings.
- Limit floor area of dwellings.

South Pender Island Local Trust Area

- Permit community gardens.

Thetis Island Local Trust Area

Thetis Island

- Develop new criteria for assessing OCP or LUB amendment applications from the perspective of climate change adaptation and mitigation.

- Promote land use that supports local food production to reduce food transportation costs and GHGs.
- Support new forms of housing that include clustering and zero emission housing.
- Encourage local, small-scale generation of alternative non-polluting energy sources.
- Regulate the size, siting and height of wind turbines to minimize environmental impacts and safety risks.

Thetis Associated Islands

- Consider the potential impacts on climate change GHG emissions in bylaw provisions and review of development applications.
- Identify significant un-fragmented forest and wetland ecosystems within the planning area and ensure that these areas are noted on mapping for both their environmental value and as carbon sequestration areas.
- Through bylaw provisions, support residential renewable energy (e.g. micro hydro, solar, wind, waste heat, etc.) use.
- Promote the conservation of forested lands and wetlands as a cost effective and important climate change mitigation strategy.

Valdes Island

- Establish climate change as a fundamental factor in land use decision-making.
- Policies and actions with respect to climate change mitigation will be considered as part of a future review of the Rural Land Use Bylaw.



REQUEST FOR DECISION

To: Local Trust Committees **For the Meeting of:** October 24, 2019
From: David Marlor, Director, Local Planning Services **Date Prepared:** October 23, 2019
SUBJECT: Live Streaming of Local Trust Committee Meetings

RECOMMENDATION:

That the Local Trust Committee communicate to Trust Council its interest (or lack thereof) in filming and streaming its public meetings.

CHIEF ADMINISTRATIVE OFFICER COMMENTS:

Meeting streaming provides a new way for island constituents to engage in Islands Trust work. Challenges and opportunities related to this topic will be explored in a report to Trust Council in coming months.

1 PURPOSE:

To determine the level of interest in streaming local trust committee meetings.

2 BACKGROUND:

At its June 19, 2019 meeting Trust Council made the following resolutions:

"That Trust Council request that each local trust committee and Trust Council committees indicate whether it has an interest in filming and streaming its public meetings."

And,

"That Trust Council request staff to prepare a report about the costs and feasibility of filming and streaming videos of public meetings through the new Islands Trust website and social media."

The report requested in the latter resolution is currently being prepared by staff.

Forming part of this discussion will be the level of interest of Council committees in pursuing this initiative for their own public meetings. As such, a committee decision is required for communication to Trust Council to inform dialogue and appropriate resource allocation.

3 IMPLICATIONS OF RECOMMENDATION

ORGANIZATIONAL: A change in procedures for how local trust committee meetings are organized and conducted.

FINANCIAL: Additional costs for equipment, processing and storage of recordings and staff resources to operate the equipment.

POLICY: None.

IMPLEMENTATION/COMMUNICATIONS: The interest or lack thereof of the Local Trust Committee will be communicated to Trust Council as requested.

FIRST NATIONS: None.

OTHER: None.

4 RELEVANT POLICY(S):
None.

5 ATTACHMENT(S):
None.

RESPONSE OPTIONS

That the Local Trust Committee communicate to Trust Council its interest in filming and streaming its public meetings.

OR

That the Local Trust Committee communicate to Trust Council that it is not interested in filming and streaming its public meetings.

Prepared By: David Marlor, Director, Local Planning Services

Reviewed By: Clare Frater, Director, Trust Area Services

BRIEFING

To:	Local Trust Committees	For the Meeting of:	Various
From:	David Marlor, Director, Local Planning Services	Date Prepared:	June 17, 2019
SUBJECT:	Model Radio Antenna Strategy		

PURPOSE: To provide the model radio antenna strategy to local trust committees for consideration of adoption.

BACKGROUND:

The federal Ministry of Innovation, Science and Economic Development Canada (ISED)(formerly Industry Canada),has jurisdiction over telecommunications uses such as radio broadcast towers and cellular telephone towers, which are licensed under the federal *Telecommunications Act*. ISED looks for the land use authority to issue a letter of concurrence or non-concurrence with the proposal put forward by telecommunications proponents and the consultation process they conduct. ISED recommends land use authorities establish a documented public consultation process to guide cell/radio tower proponents.

Within the Islands Trust, the consultation process on these types of applications was previously guided by the Letter of Understanding (LOU, signed October 30, 1996) that existed between ISED and the Islands Trust Council, on behalf of Local Trust Committees, for proposed towers of over 25m in height. Since ISED updated its Radio communication and Broadcasting Antenna Systems Client Procedures Circular (CPC-2-0-03) in 2014 to include a Default Public Consultation Process, the Trust Council/ISED LOU was rescinded by ISED under the terms of the agreement.

When a land use authority does not have an established or documented public consultation process, proponents of radio towers must use the ISED default process outlined in the Radio communication and Broadcasting Antenna Systems Client Procedures Circular (CPC-2-0-03).

In March 2016, Trust Council passed the following resolution:

THAT the Islands Trust Council request the Local Planning Committee to make recommendations on policy that includes public consultation procedures and development guidelines for the siting and design of antenna systems, which may then be adapted and implemented by local trust committees.

The report, “Model Program for Antenna Systems,” dated May 3, 2018, (Attachment 1) was prepared by a consultant (James Van Hemert) under contract with Islands Trust. The report provides a model consultation program, land use siting criteria, and model official community plan policies. The report also presents a literature review and summary of background materials that were reviewed as part of the report’s creation.

The report was received by Trust Council the June 2018 Trust Council meeting and was requested to be forwarded to local trust committees. This is being forwarded to you now to allow the new local trust committees elected in November 2018 to consider adoption of the public process contained in the

“Model Program for Antenna Systems”, as well as the policy and regulatory recommendations contained in this document.

ATTACHMENT(S):

1. Model Program for Antenna Systems,” dated May 3, 2018

FOLLOW-UP:

A brochure is being developed to explain the process and will be posted on the Islands Trust website as soon as it is complete.

Prepared By: David Marlor, Director, Local Planning Services

Reviewed By/Date:

MODEL STRATEGY FOR ANTENNA SYSTEMS

LOCAL PLANNING COMMITTEE



Photo Credit: Beacon Wireless – <http://www.beaconwireless.ca/#high-speed-internet>

May 3, 2018

V A N H E M E R T & C O .

Planning Healthy Communities

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1 INTRODUCTION

Local Trust Committees (LTC) have recently been grappling with how best to consult with the public and to address local concerns around proposed cellular and radio communication towers. At the same time Innovation Science and Economic Development Canada (ISED) notes that there is a growing demand for denser wireless connectivity by citizens generally, as well as students, public service providers including 911 services, and small business. While people enjoy the relatively remote Gulf Island life, it also means they need to have adequate wireless access, including emergency services. This is especially true for the aging population on the islands who require access to health care more often and may avail of e-health services in communities with limited specialized medical staff.

The model *protocol* within this document has been prepared to help Local Trust Areas (LTA) effectively and efficiently assess antenna system proposals within their own unique contexts. The document provides a description of ISED's default public consultation process, a model public consultation *protocol*, model siting criteria, model Official Community Plan policies, and definitions. The model *protocol* may be adopted in its current form as a stand-alone document; or it may be customized for local considerations. The model siting criteria and the Official Community Plan policies may be incorporated into the *protocol* or included within an Official Community Plan. Existing processes and by-laws for each separate Local Trust Area should be reviewed in light of adopting the model *protocol* and be revised or rescinded.

The *protocol* has been developed with input and insight from Islands Trust planning staff, Local Trust Area Trustees, ISED, other land use authorities and representatives from the telecommunications industry. It should be noted, however, that input from the industry does not necessarily constitute support.

Note that words in *italics*, and not otherwise a document, legislative act or agency, are words defined in Section 7 Definitions.

2 INTERVIEWS AND REVIEW OF LITERATURE

2.1 Introduction

The model consultation *protocol* is informed by the department of Innovation Science and Economic Development (ISED) Canada's foundational guides, the Federation of Canadian Municipalities *protocol* template¹, and Health Canada's Safety Code 6 (2009) regarding limits to human exposure to radiofrequency electromagnetic fields. A discussion on the respective roles of federal government and local land use authorities sets the foundation for a defensible and effective *protocol*. Documents and telephone interviews with staff and a trustee served as an overview of the Islands Trust experience in reviewing antenna system proposals. This information provides a practical and experiential foundation of the local context. Rounding out the review, interviews were conducted with IEDC, other local government jurisdictions, and representatives of the telecommunications industry.

2.2 Local Trust Committee Jurisdiction and ISED's Requirements and Recommendations

The ISED's *Radiocommunication and Broadcasting Antenna Systems Client Protocol Circular CPC 2-0-03* (CPC) (hereinafter referred to as the CPC) is the foundation for understanding public consultation requirements and the appropriate role of the land use authority. It identifies the **mandate**, established in Section 5 of the *Radiocommunications Act* states that the Minister (of ISED) may, taking into account all matters considered relevant for ensuring the **orderly development** and **efficient** operation of radiocommunication in Canada, issue radio authorization, and approve each site on which radio apparatus, including *antenna systems*, may be located. A certain measure of flexibility is required in siting *antenna systems* in order to achieve adequate coverage for service areas.

The CPC emphasizes the importance of considering **local surroundings** in deploying *antenna systems*. Accordingly, the default public consultation process requires *proponents* of certain *antenna systems* to engage land-use authorities with regard to **site options, local public engagement and review processes, addressing reasonable and relevant concerns**, and ultimately obtain **land-use authority concurrence** in writing. Land-use authorities are encouraged to establish **reasonable, relevant, and predictable** consultation processes specific to *antenna systems* and consider matters such as designation of suitable contacts or responsible officials, proposal submission requirements, public consultation, documentation of concurrence process, and the establishment of milestones to ensure consultation process completion within 120 days. To that end, the ISED publishes the *Guide to Assist Land-use*

¹ *Antenna System Siting Protocol* template published by the Federation of Canadian Municipalities in consultation with the telecommunications industry. Available online at: https://fcm.ca/Documents/reports/FCM/Antenna_System_Siting_Protocol_Template_EN.pdf Accessed on October 2017.

Authorities in Developing Antenna System Siting Protocols which was referred to in developing this model strategy.

Certain types of proposals (listed below) are excluded from land-use authority and public consultation requirements; however, all *proponents* must consider whether or not it is prudent to undertake consultation for an excluded proposal on the basis of:

- the proposal's physical dimensions, including the antenna, mast, and tower, compared to the local surroundings;
- the location and proximity to neighbouring residents;
- the likelihood of an area being a community sensitive location; and
- Transport Canada's marking and lighting requirements for the proposed structure.

Exclusions include the following:

- new *antenna systems* where height is less than 15 metres, but does not apply to *antenna systems* proposed by telecommunications carriers, broadcasting undertakings or third-party tower owners;
- existing *antenna systems* where modifications are made, antenna added or the tower replaced, including to facilitate sharing, provided that the total cumulative height increase is no greater than 25% of the height of the initial *antenna system* installation;
- non-tower structure antenna on buildings, water towers, lamp posts, etc. may be excluded provided the height of the ground of the site of the non-tower structure, exclusive of appurtenances, is not increased by more than 25%; and
- temporary *antenna systems* used for special events or emergency operations.

The CPC provides examples of relevant concerns that may be raised during public consultation, including, for example, why use of existing *antenna systems* may not be used, alternative sites, and what is being done to integrate antenna into local surroundings. Concerns that are **not** relevant include disputes with members of the public relating to *proponent's* service, potential effects that proposed *antenna system* will have on property values or municipal taxes, and questions whether or not *Safety Code 6*, locally established by-laws, other legislation, procedures or processes are valid or should be reformed in some manner.

2.3 Islands Trust Experience

Information about Islands Trust experience was gleaned from special studies, staff reports and *protocol* documents from the following Local Trust Areas: Galiano Island, Gabriola Island, Hornby Island, and Salt Spring Island. Documents reviewed included:

- Local Planning Committee briefing of January 28, 2015
- Galiano Island LTA:
 - Rogers Cell Tower referral, April 24, 2015
 - Telecommunications Strategy staff report to LTC, March 30, 2016
 - Telecommunication Strategy Project staff report, March 27, 2017

- Antenna System and Siting Consultation Protocol, March 2017
- Hornby Island LTA--TELUS tower, public consultation package, staff reports of November 22, 2016 and May 5, 2017
- Gabriola Island LTA--Resolution GB-025-2010 regarding Communication Towers and Antennae
- Salt Spring Island:
 - Cellular Antennae Proposal Form
 - Procedural Guideline, April 26, 2001

Interviews for gaining insights and information were conducted with current and former Islands Trust planning staff with experience managing *antenna system* proposals. These included Marnie Eggen, Justine Starke, Aleksandra Brzozowski, and Robert Kojima. Tony Law, a trustee for Hornby Island LTA was also interviewed for his perspective on dealing with a particularly controversial application.

Additionally, to round out the perspective from other stakeholders, representatives from the telecommunication industry (Doug Anastos, TELUS) and their process consultant, Brian Gregg (SitePath), were interviewed. Industry input, however, does not necessarily mean support for the draft *protocol* as presented.

ISED representative, Jeff Stanhope, was interviewed and he also provided comments on a draft of the public consultation *protocol*. No red flags were raised regarding consistency with the CPC, the foundational guiding document of ISED.

Following an initial review of this protocol by the Local Planning Committee further input from the telecommunication Industry was received via a roundtable discussion in January of 2018. Representatives included Doug Anastos (TELUS), Kiersten Enemark (Shaw), and Samuel Sugita (Rogers Communications).

Experience in Other Jurisdictions included the following:

- Regional District of Nanaimo
- District of North Saanich
- District of Saanich
- District of Maple Ridge
- City of North Vancouver
- Village of Pemberton

3 MODEL CONSULTATION PROGRAM

3.1 Information Science & Economic Development Canada (ISED) Application & Default Public Consultation Process

A. Description of ISED's Application and Default Public Consultation Process

ISED provides on its website a user-friendly text summary and infographic about how decisions are made regarding cell towers. The five-step process applies to all *telecommunication antenna systems* that are not expressly excluded from public consultation.

1. **Share**

Is a new tower necessary? Rules require companies to share towers, whenever possible, instead of building new ones.

2. **Propose**

Companies must submit a plan to the local municipality.

3. **Notify**

Once a company has a plan, it must notify local residents of the upcoming consultation. Rules require notifications be clearly marked – no confusion with junk mail. All residents within an area three times the height of the tower must be notified.

4. **Consult**

The company must consider the community's views.

Impasses are rare. <0.1% of cases require Industry Canada's decision.

5. **Build**

Following the consultation, and once the company and local municipality agree, the tower must be built within three years.

CELL TOWERS IN YOUR COMMUNITY: HOW THE DECISION IS MADE

The Government of Canada
 regulates tower siting decisions,
 settles disputes, and sets health
 and safety standards.

New towers give wireless customers
 better, more reliable mobile service.



1 SHARE

Is a new tower necessary? Rules require
 companies to share towers, whenever
 possible, instead of building new ones

2 PROPOSE

Companies must submit a
 plan to the local municipality.



3 NOTIFY

Once a company has a plan, it
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* Rules require notifications be clearly
 marked – no confusion with junk mail.
 All residents within an area 3x the height
 of the tower must be notified.

4 CONSULT

The company must consider
 the community's views

* Impasses are rare. <0.1% of cases
 require Industry Canada's decision.



BUILD 5

Following the consultation, and
 once the company and local
 municipality agree, the tower
 must be built within three years.



Canada

Proponents of siting and constructing an *antenna system* are required to present their plans and consult with the local land use authority; they are not required to make a formal application to ISED for siting an antenna facility. They are required, however, to provide information and notify ISED at the following points in the process in order to proceed:

- **public notification**: provide notification package;
- **responding to the public**: copy of all public reply comments; and
- **concluding consultation**: if applicable--for example, in cases where a land use authority does not provide a clear form of land-use concurrence, --the *proponent* may request ISED to confirm its concurrence that the public consultation process requirements have been met.

The ISED Default Public Consultation Process applies to *proponents* if the land-use authority does not have its own established and documented consultation process for antenna siting. ISED's default process has three steps for consultation with the public and land-use authority whereby the *proponent*:

- provides **written public notification** of the proposed *antenna system* installation or modification;
- engages and **responds to the public** to address relevant questions, comments and concerns; and
- provides an opportunity for **public reply** in writing to the *proponent* regarding measures taken to address reasonable and relevant concerns.

Details on timing, content, communication channels, and style of communication for each step are summarized below.

1. *Public Notification*

- a) *Proponent* must provide a **notification package** to the following within a **radius of three times the tower height**:
 - the local public (including residences, community gathering areas, public institutions, schools, etc.);
 - neighbouring land-use authorities, and
 - businesses, and property owners.
- b) The notice of an upcoming consultation must be clearly marked, making reference to the proposed *antenna system*.
- c) Must provide at least **30 days** for written public comment.
- d) In areas of **seasonal residence**, the *proponent* must work with the land-use authority to determine the best manner to notify such residents to ensure their engagement.

- e) In addition, for *antenna system* of 30 metres or greater in height, notice must be placed in a local community newspaper circulating in the proposed area. Timing must be synchronized with the distribution of the public notification package, must be legible and placed in the public notice section of the newspaper. Further, it must include:
 - description of proposed installation;
 - location and street address;
 - *proponent* contact information and mailing address; and
 - invitation to provide public comments to *proponent* within 30 days of the notice.
- f) In areas without a local newspaper, other effective means of public notification must be implemented.

2. *Responding to the Public*

Proponents must address all reasonable and relevant concerns, make all reasonable efforts to resolve them in a mutually acceptable manner and must keep a record of all associated communications. When a question comment or concern is raised the *proponent* is required to:

- respond to the party in writing within **14 days** acknowledging receipt;
- address in writing all reasonable and relevant concerns within **60 days** of receipt or explain why concerns are not reasonable or relevant; and
- in written communication referred to above clearly note that the party has **21 days** from date of correspondence to reply to *proponent's* response.

The *proponent* may respond to a party via telephone, engaging in a community meeting or having an informal personal discussion.

3. *Public Reply Comments*

Examples of relevant concerns to address may include:

- Why is the use of an existing *antenna system* or structure not possible?
- How is the *proponent* trying to integrate the antenna into the local surroundings?
- What is the *proponent* doing to ensure that the *antenna system* is not accessible to the general public?
- What options are available to satisfy aeronautical obstruction making requirements at this site?
- What are the steps the *proponent* is taking to ensure compliance with the general requirements of the *Innovation Science Economic Development Canada's Client Procedures*

CPC 2-0-03, the *Canadian environmental Assessment Act* (CEAA), and *Safety Code 6* of the *Health Act*?

Concerns that are **not relevant** include:

- Disputes with members of the public relating to the *proponent's* service, but unrelated to antenna installations;
- Potential effects that a proposed *antenna system* will have on property values or municipal taxes;
- Questions whether the *Radiocommunication Act*, this document, *Safety Code 6*, locally established bylaws, other legislation, procedures or processes are valid or should be reformed in some manner.

4. *Concluding Consultation*

Installation or modification of an *antenna system* may only be commenced after the consultation process has been completed by the land-use authority, or ISED confirms concurrence of the consultation portion of the default process, and after all other process requirements have been met by the *proponent*.

B. Analysis and Observations of ISED's Default Public Consultation Process

1. *ISED Limits of Public Consultation*

The limits of ISED's CPC include the following matters on which it is either silent or does not have a requirement:

- application requirements to the land use authority;
- cost recovery;
- pre-consultation; and
- a means for community based dialogue beyond providing public information.

Further, the time restrictions on notice, responses, as well as the overall consultation time frame could be restrictive in addressing controversial proposals and the efforts needed to mitigate and search for alternatives. In practice, however, some consultation takes longer than the timeframes set out in the Default process. Carriers appreciate a predictable process, but understand that certain sites may require more time.

2. *Analysis*

The CPC clearly notes that its default consultation process is a **minimum** process and anticipates through direct reference that local land-use authorities may **augment** the process by developing its own *protocol* which can address, for example, notification of additional entities, expanded

minimum prescribed notification distances, pre-consultation meetings, and community information sessions.

The CPC also contains an important clause suggesting that even though a proposal may otherwise be exempt from public consultation, there are cases where “it may be prudent for the *proponent* to consult even though the proposal meets an exclusion.” Considerations for this decision include:

- the *antenna system’s* physical dimensions, including the antenna, mast, and tower, compared to the local surroundings;
- the location of the proposed *antenna system* on the property and its proximity to neighbouring residents;
- the likelihood of an area being a community-sensitive location; and
- NAV Canada and Transport Canada’s marking and lighting requirements for the proposed structure.

The companion *Guide to Assist Land-Use Authorities in Developing Antenna Siting Protocols* complements the CPC and addresses the role *land use authorities* (LUA)s can play in effectively participating and influencing decisions with respect to the proposed *antenna system* within the ISED’s siting procedures and sets out elements that LUAs might wish to include in establishing their own local *protocol*. These elements are incorporated in the model *protocol* described in this document.

Local knowledge is valued, particularly with regard to amenities, cultural or environmental sensitivities, Local Trust Area planning priorities such as those related to telecommunication connectivity, and other relevant characteristics of the area.

Although recognizing that the LUA or public’s preferred locations for siting may not always be feasible for strategic and technical reasons, the guide notes:

LUAs are encouraged to develop protocols that are clear and within their area of responsibility. Protocols can include promoting the placement of antennas in optimal locations from a land-use point of view, or excluding certain types of installations from protocol requirements. Through protocols, an LUA can highlight its local knowledge and expertise related to area sensitivities, including environmental or cultural concerns, and land-use compatibility.²

It is appropriate, therefore, for a local government to establish by way of policy in its Official Community Plan or Land Use Bylaw, and a *protocol* document, land use preferences, land use

² Guide to Assist Land-use Authorities in Developing antenna system Siting Protocols, Industry Canada (now Innovation, Science, Economic Development Canada), Issue 2, August 2014, Section 2.1, page 3.

sensitivities, and *design guidelines*. for siting of an *antenna system*. This conclusion has been confirmed in a conversation with an ISED representative.³

The guide suggests LUAs may consider preliminary consultation which will serve to inform, advise, guide, and indicate preferences to *proponents*. Communities such as the Regional District of Nanaimo have established a preliminary consultation step in the form of a site investigation meeting.

Further, the guide acknowledges that a LUA can set the format for public consultation in its *protocol*. These formats may take the form of a community open house, town hall style meeting, or another format preferred by the LUA. Ideally, the LUA and *proponent* will arrive at a mutually agreeable format.

In its outline template, the guide provides a set of considerations and suggested principles for a community in developing its own local *protocol*. The Regional District of Nanaimo, for example, has used this template effectively for establishing a *protocol* for all its Electoral Areas.

C. Addressing the Limitations of the ISED's Default Process

A model *protocol* for the Local Trust Areas can effectively compliment and address the inherent limitations of ISED's default process in the following manner:

- specify application requirements in detail;
- require pre-consultation;
- require information to the Local Trust Area, even if public consultation is not required;
- address cost recovery separately through an application fee;
- establish the desired format for public consultation beyond information packages;
- increase written notification area;
- identify specific groups to notify;
- establish siting criteria via OCP policy or via incorporation within a separate *protocol* document; and
- establish its own time frames, provided they do not exceed limitations of the CPC; however, the CPC provides for an opportunity to extend time frames under certain circumstances, particularly if there is an opportunity to mitigate and review options.

³ Conversation with Jeff Stanhope, Spectrums Operations Manager, Spectrum Management Operations Branch, ISED, September 29, 2017.

3.2 Model Public Consultation Protocol for Local Trust Areas

A. Introduction

Telecommunications systems that provide full coverage and service are essential to for a healthy and well-connected community. This protocol serves as a foundation to ensure that communities benefit from high quality, dependable telecommunication services that effectively support daily life activities, emergency services, citizen engagement, tourism, and local business all of which are important to the Islands Trust.

B. Objectives

The objectives of this *protocol* are:

1. to acknowledge that ISED has exclusive jurisdiction over the approval of the siting and installation of telecommunication infrastructure in Canada;
2. to establish a siting and consultation process for use by all Local Trust Areas (LTA)s that is harmonized with ISED's *Radiocommunication and Broadcasting Antenna Systems Client Procedures Circular (CPC-2-0-03)* and *Guide to Assist Land-use Authorities in Developing Antenna Siting Protocols* for reviewing land use issues associated with *antenna system* siting proposals;
3. to set out an objective process, criteria and guidelines that are transparent, consistent and predictable for the evaluation of *antenna system* siting proposals that:
 - minimize the number of new antenna sites by encouraging co-location;
 - encourage designs that integrate with the surrounding land use and public realm;
 - establish when local public consultation is required; and
 - allow ISED and *proponents* to identify and resolve any potential land use, siting or design concerns with the LTA at an early stage in the process.
4. to provide an expeditious review process for *antenna system* siting proposals;
5. to establish a local land use consultation framework that ensures the LTA and members of the public contribute local knowledge that facilitates and influences the siting--location, development and design (including aesthetics) —of *Antenna system* within LTA boundaries;
6. to contribute to the orderly development and efficient operation of a reliable, strong radiocommunication network within all LTAs;
7. to provide LTAs with the information required to satisfy the requirements of ISED regarding local land use consultation, resulting in an informed statement of concurrence, concurrence with conditions, or non-concurrence from the LTA at the end of the process; and

8. to establish administrative fees to be paid by telecommunication *proponents* with consideration given to the costs to Islands Trust to evaluate and process proposals.

C. Jurisdiction

1. Role of Innovation, Science and Economic Development Canada

Under the *Radiocommunication Act*, the Minister of ISED has sole jurisdiction over inter-provincial and international communication facilities. The final decision to approve and license the location of *telecommunication antenna system* is made only by ISED. All technical aspects and siting of telecommunication and broadcasting services are regulated by the Federal government under the *Radiocommunication Act*. ISED has an established procedure, the *CPC*, which prescribes the process and review of proposed telecommunication structures. As part of the process, *proponents* are required to notify the local land-use authority and nearby residents. Moreover, the *proponent* is required to address the public's questions, concerns and comments through ISED's prescribed public consultation process.

2. Other Federal Legislation

Public Health

With regard to public health, ISED refers to the standards set by Health Canada for determining acceptable levels of radiofrequency electromagnetic energy produced by telecommunication infrastructure. All telecommunication *proponents* are required to follow the guidelines outlined in Health Canada's *Safety Limits of Human Exposure to Radiofrequency Electromagnetic Fields in the Frequency Range from 3 kHz to 300 GHz – Safety Code 6 (2009)*.⁴ This code is accompanied by the *Technical Guide for Interpretation and Compliance Assessment of Health Canada's Radiofrequency Exposure Guidelines*, to assist users in understanding and assessing the safety of electromagnetic exposures in working and living environments. This code is also accompanied by a fact sheet, *What is Safety Code 6?* (available online at <https://www.canada.ca/en/health-canada/services/environmental-workplace-health/reports-publications/radiation/fact-sheet-what-safety-code-6.html>). The document is self described as 'busting myths' with a summary of facts. The introduction to this document, cited in the following paragraphs, provides a clear summary.

The Government of Canada is committed to protecting the health and safety of Canadians from environmental risks, including those posed by exposure to radiofrequency (RF)

⁴ LTAs do not assess any submission for an Antenna System with respect to health and radiofrequency exposure issues or any other non-placement or non-design related issues. Any questions or comments the public may wish to make regarding health issues related to cell phones, cell towers and radiofrequency exposure guidelines (Safety Code 6) should be directed to Health Canada on-line at healthcanada.gc.ca and to the *proponent's* representative. The document is available online at <https://www.canada.ca/en/health-canada/services/environmental-workplace-health/consultations/limits-human-exposure-radiofrequency-electromagnetic-energy-frequency-range-3-300.html> (accessed October 27, 2017).

electromagnetic energy - the kind of energy given off by various electronic devices such as cell phones and Wi-Fi, as well as broadcasting and cell phone towers.

Health Canada has a guideline, known as Safety Code 6, which recommends limits for safe human exposure to RF electromagnetic energy. The limits established in Safety Code 6 incorporate large safety margins to provide a significant level of protection for all Canadians, including those working near RF sources.

Health Canada scientists monitor the scientific literature on this issue on an ongoing basis. Safety Code 6 is reviewed on a regular basis to verify that the guideline provides protection against all known potentially harmful health effects.

While Health Canada recommends limits for safe human exposure, Health Canada does not regulate the general public's exposure to electromagnetic RF energy. However, many provinces and territories apply the exposure limits in Safety Code 6 for general public exposure. Wireless devices and their associated infrastructure (such as cell towers) are regulated by Industry Canada, and are required to comply with Safety Code 6.

Canada's limits are consistent with the science-based standards used in other parts of the world (e.g., the United States, the European Union, Japan, Australia and New Zealand) and provide protection against all known adverse health effects from RF energy.

Environmental and Aeronautical Legislation

In addition to Health Canada's requirements, *proponents* must comply with the Canadian Environmental Assessment Act and any painting and lighting requirements for aeronautical safety prescribed by NAV Canada and Transport Canada.

3. Role of Local Government

Local governments are referred applications for proposed towers and are given the opportunity to comment on the proposal. Ultimately, the role of the Local Trust Committee (LTC) is to issue a statement of concurrence or non-concurrence to the *proponent* and ISED.⁵ The statement considers the land-use compatibility of the antenna structure, the responses of the impacted residents and the *proponent's* adherence to this *protocol*. In addition, local government can communicate and provide guidance to the *proponent* on the particular sensitivities, planning priorities, and characteristics of an area, and establish siting guidelines. Local government may adopt the default public consultation process as defined in ISED's CPC or augment the process with its own consultation process, subject to the time limitations established in the CPC.

D. Antenna Structures for which Public Consultation is Required

⁵ Regardless of whether the LTA issues a statement of concurrence or non-concurrence, ISED has exclusive jurisdiction over the approval of the siting and installation of telecommunication infrastructure in Canada.

- **New antenna systems:** where the height is greater than 15 metres
- **New antenna systems:** where the height is less than 15 metres proposed by telecommunication carriers, broadcasting undertakings or third-party owners
- **Existing antenna systems:** where modifications exceed a cumulative height increase of greater than 25%
- **Non-Tower Structures:** where the height above ground of the non-tower structure, exclusive of appurtenances, is increased by more than 25%

E. Excluded Antenna Structures & Information Requirements

This section outlines the criteria for identifying *Antenna system* excluded from the consultation process by ISED, the need to consider local circumstances for all exempt structures, and the process for *proponents* to notify and discuss proposed exempt structures with the LTA.

1. Exemptions from Antenna System Siting Proposal Review and Public Consultation

For the following types of installations, *proponents* are generally excluded by ISED from the requirement to consult with the LTA and the public, **but must still fulfill the General Requirements outlined in Section 7 of the CPC.**

- **New antenna system:** where the height is **less than 15 metres** above ground level proposed by business, government, Crown agencies, general public; this exclusion does not apply to *antenna system* proposed by telecommunications carriers, broadcasting undertakings or third-party tower owners;
- **Existing antenna system:** where modifications are made, antennas added or the tower replaced⁶, including to facilitate sharing, provided that the total cumulative height increase is no greater than 25% of the height of the initial *antenna system* installation⁷. No increase in height may occur within one year of completion of the initial construction. This exclusion does not apply to *antenna system* using purpose built antenna supporting structures with a height of less than 15 metres above ground level operated by telecommunications carriers, broadcasting undertakings or third-party tower owners;
- **Non-tower structure:** antennas on buildings, water towers, lamp posts, and similar structures, **are excluded** from consultation provided that the height above ground of the non-tower structure, exclusive of appurtenances, is not increased by more than 25% and have been reviewed by Islands Trust staff who will provide comment in accordance with LTA *design guidelines*; and
- **Temporary antenna systems:** used for special events or emergency operations and must be removed within three months after the start of the emergency or special event.

No consultation is required prior to performing maintenance on an existing *antenna system*

⁶ The exclusion for the replacement of existing antenna systems applies to replacements that are similar to the original design and location.

⁷ Initial antenna system installation refers to the system as it was first consulted on, or installed.

2. *Design Guidelines for Antenna Systems*

The appendix in Chapter 8 of this protocol document is a matrix of telecommunication design illustrating typical tower designs, rooftop antennas, utility poles and light standards. An LTA may choose to further exempt from public consultation any of the specific antenna systems illustrated in the matrix. Note that antennas affixed to buildings, utility poles and light standard are already exempt from public consultation, unless they exceed a 25% increase in height.

3. *Voluntary Public Consultation*

The CPC states that:

Individual circumstances vary with each antenna system installation and modification, and the exclusion criteria above should be applied in consideration of local circumstances. Consequently, it may be prudent for the proponents to consult the LTA and the public even though the proposal meets an exclusion noted above.

Therefore, when applying the criteria for exclusion, *proponents* are encouraged to consult the LTA when it is **prudent** to do so in consideration of any of the following:

- The *antenna system's* physical dimensions, including the antenna, mast, and tower, is significant compared to the local surroundings,
- The relative location of the proposed *antenna system* on the property and its proximity to neighbouring residents;
- The likelihood of an area being in a community-sensitive location; and
- The nature of Transport Canada's marking and lighting requirements for the proposed structure.

F. Notification and LTA Review of Exempt Antenna system

Notwithstanding ISED's exemption criteria for certain *Antenna system*, LTAs should be informed of all new *antenna system* installations within their boundaries so they can:

- be prepared to respond to public inquiries once construction/installation has begun;
- be aware of site *co-location* within the LTA;
- maintain records to refer to in the event of future modifications and additions; and
- engage in meaningful dialogue with the *proponent* with respect to the appearance of the *antenna system* and structure prior to the *proponent* confirming a final design.

Therefore, *proponents* are required to undertake the following steps for **all exempt antenna system installations before commencing construction**.

1. *Building/Structure-Mounted Antenna System:*

The *proponent* will in all cases provide the following **information** for all new *antenna system* or modifications⁸ to existing *antenna system* that are mounted to an existing structure, including (but not limited to) a building/rooftop, water tower, utility pole or light standard, and which are exempted from public consultation in sub-section 3.2 D. 1.:

- a) the location of the *antenna system* (address, name of building, rooftop or wall mounted);
- b) description of proposed **design** with respect to the measures used by existing systems on that site;
- c) the height of the *antenna system*;
- d) the height of any modifications to existing systems.

The Islands Trust staff may notify the *proponent* of any inconsistency with the preferences and sensitivities expressed in the siting criteria and /or design preferences and the parties (proponent and Islands Trust staff) will work towards a solution that minimizes visibility.

2. *Additions that Increase the Height of Freestanding Antenna system:*

The *proponent* will confirm to the LTA that an addition that extends the height of an existing *freestanding antenna system* meets the exclusion criteria in subsections 3.2 D. 1 by providing the following:

- a) the location, including its address and location on the lot or structure;
- b) a short summary of the proposed addition including a preliminary set of drawings or visual rendering of the proposed system; and
- c) a description of how the proposal meets one or more of the Article 3.2 D. 1 exclusion criteria.

The Islands Trust staff will review the documentation and will contact the *proponent* where there is a site-specific basis for modifying the exemption criteria based on the siting criteria preferences and discouragements expressed of the *protocol*. In such cases, the Islands Trust staff and the *proponent* will work toward a mutually agreeable solution, which may include the Islands Trust staff requesting the proposal be subject to all or part of the pre-consultation, proposal submission and public consultation process defined in Subsections F. 2. a) b) and F. 2. of this *protocol*, as applicable, concluding with a letter of concurrence or non-concurrence.

3. *Additional Exemptions*

Local Trust Areas may exclude from all or part of the consultation process any *antenna system* installation in addition to ISED's basic exemptions listed in articles 3.2 B. 1. & 3.

⁸ Providing information is required for modifications that materially or noticeably change the appearance of the system. Maintenance works that do not result in such changes are excluded from the information requirement.

- a) A new *antenna system* proposed to be located outside the LTA's preferred distance from the nearest lot line;
- b) Notwithstanding Subsection E. 1. Building/ Structure Mounted Antenna System, the Islands Trust staff may additionally, on a case-by-case basis, exempt a *proponent* from all or part of the consultation requirements under Section F of this *protocol*.⁹ For example, exemptions may be granted where the proposed location is separated from a *residential area* or heritage area or structure by an arterial roadway, and/or is buffered by substantial tree cover, topography, or buildings.
- c) Antenna system greater than 15 metres in height proposed by government agencies such as police, fire protection, ambulance, other emergency services, BC ferries, and BC Hydro who maintain their own two-way telecommunication networks, except, however, such systems are not exempt if they are proposed in partnership with a commercial telecommunication service provider.

G. Consultation Process

1. Consultation Objectives

The *protocol* for public consultation is designed to:

- inform;
- incorporate local knowledge;
- harmonize with ISED regulations and guidelines;
- be transparent;
- be consistent;
- be predictable; and
- be expeditious.

2. Process Steps, Requirements and Time lines

a) Pre-Consultation with the LTA

Commentary

For free-standing towers, pre-consultation is one of the most important elements in the antenna siting process as it generally occurs at a point before the proponent is committed to a site or design.

⁹ For example, a LTA may decide to exclude certain proposals from the requirement to hold a public meeting, but not from issuing a public notification to affected property owners/tenants within the *Prescribed Notification Distance*.

As a result, it represents the best opportunity to influence the siting decision since the proponent will more likely become committed to a site once the detailed engineering has been completed. While a discussion of submission requirements is appropriate, the proposal will benefit most from early direction on matters of siting and design. Proponents are strongly encouraged to initiate pre-consultation as early as possible in the antenna siting process for exempt and non-exempt structures. The process of building a good working relationship with telecommunication providers may begin even before a proposal is considered: Local Trust Areas are encouraged to invite potential proponents for a conversation about telecommunication at any time, the earlier the better.

Prior to submitting an *antenna system* proposal that does not meet any of the exemptions listed in Subsection D. 1. 3. the *proponent* will undertake the following preliminary consultations with the LTA:

Step 1: Pre-Consultation

i. Pre-Consultation

The purpose of the pre-consultation phase is for the proponent to share with the LTA representative the network objectives, provide possible site options and receive preliminary feedback. The pre-consultation steps include:

- the *proponent* notifies the LTA representative that locations in the community are being assessed for potential *antenna system* siting;
- the proponent provides the LTA representative potential locations and invites feedback on preferred locations and/or designs; and
- the proponent may offer to host a community workshop to provide options and invite feedback on possible solutions, although not necessary.

ii. Site Investigation Meeting

Based on comments from the pre-consultation step, the proponent will provide a summary of a site-specific location, including:

- **Site Location:** location, type and height of the proposed *telecommunication antenna system*;
- **Alternative Locations:** summary of what other alternative locations were considered, including options to co-locate on existing structures;
- **Site Design:** preliminary drawings and/or visual renderings of the proposed *telecommunication antenna system*;
- **Co-location:** summary of efforts proponent has made to allow other companies to co-locate on the tower, as well as indication from other companies regarding interest in co-locating on new telecommunications structure.

The purpose of the site investigation meeting is to:

- identify preliminary issues of concern;
- give opportunity for the *proponent* to outline the proposal to the LTA;
- give opportunity for the LTA to provide initial feedback to the *proponent*;
- identify any potential *sensitive community locations* as defined by this policy;
- identify any potential *neighbouring land-use jurisdictions, school districts, emergency service providers and community associations* that may be required to provide comment on the proposal as outlined in this policy;
- guide the proponent on creating *localized content* for public notification and distribution; and
- Inform the *proponent* of the LTA's preference of taller towers over shorter towers and supporting future *Co-location* opportunities.

iii. *LTA Preferences and Requirements*

Following the Site Investigation Meeting, planning staff will provide the proponent with an information package within a timeframe determined by the Islands Trust that includes:

- **Public consultation:** confirmation if, (a) public consultation is required, and if so, the process the proponent needs to follow, including a list of any other agencies, jurisdictions, and First Nations to be consulted, and if a Public Information Meeting is required or, (b) public consultation is not required;
- **Site design:** comments on proposed location and design; and
- **Studies and permits:** a list of plans, studies and/or permits that may be required (i.e. environmental impact statements) as well as any fees that need to be paid to the LTA for processing application.

Step 2: Application

b) *Application Submission to the LTA: Initial Application Proposal*

Except for specific waivers granted for amateur operators (see Subsection 3) the *proponent* must include the following information when submitting a *telecommunication antenna system* siting proposal to the LTA that does not meet the exemption criteria for the proposal review and public consultation requirement:

- i. **Site Rationale:** a letter or report from the *proponent* indicating the need for the proposed site, the rationale for site selection, and a summary of opportunities for *co-location* potentials on existing or proposed *antenna system* within the LTA;

- ii. **Co-location:** (a) a summary of effort proponent has made to encourage others to co-locate on the proposed new infrastructure, as well as a list of parties who have expressed an interest in co-locating, and (b) a written and signed attestation that there are no *co-location* opportunities within the LTA;
- iii. **Site Design:** Preliminary engineering plans of the proposed structure which includes information outlining the number of antennas proposed on the structure, and the structure's ability to accommodate future antennas (including *co-location*). Proponents are encouraged to provide site design options;
- iv. **Visual Renderings:** visual rendering(s) of the proposed *antenna system* with best effort to superimpose to scale;
- v. **Site Plan:** a site plan showing the proposed development situated on the site;
- vi. **Site Distance to Surrounding Areas:** a map showing the horizontal distance between the proposed antenna system and the nearest residential, commercial and institutional uses;
- vii. **Letter of Authorization:** confirmation of legal ownership of the lands subject to the proposal, or a signed letter of authorization from the registered property owner of the land, their agent or other person(s) having legal or equitable interest in the land;
- viii. **Title Search:** a copy of a title search (dated within the past 30 days of proposal submission) and any restrictions, restrictive covenants, easements or rights-of-way registered against the lands the *telecommunication antenna system* is proposed on;
- ix. **Safety Code 6:** a written and signed attestation that the *telecommunication antenna system* will respect Health Canada's *Safety Code 6* which sets safe radiofrequency emission levels for these devices including the cumulative effects of multiple *telecommunication antenna system* at the location and in the immediate area;
- x. **Supplemental Documentation:** any other documentation as reasonably identified by the LTC following the site investigation meeting; and
- xi. **Fee:** the application fee as required by Local Trust Area Bylaw No. ____.
- xii. **Draft Notification:** Based on required consultation process as directed by LTA, the proponent is to provide, (a) a draft of all public notices to be delivered by mail to the public, *School Districts*, *community associations* and *neighbouring land-use jurisdictions*, which is to be approved by LTA staff prior to mail out; (b) an address list and map indicating all properties **and residents** which are to be notified by mail of the proposal, (c) a draft of newspaper advertisements indicating the time and date of any public information meeting, which is to be reviewed by LTA staff prior to publication (if a public information meeting is required); and
- xiii. **Comments from Emergency Services:** a copy of written correspondence indicating that the *proponent* has referred the proposal to local fire, police and ambulance

services, and if given, any comments received emergency services should be submitted to LTA staff prior to mail out.

3. *Waivers to Application Submissions*

- ⌘ The LTA may waive any of the Initial Application or Public Notification requirements for amateur radio operators on a case by case basis.

Step 3: Public Consultation

In addition to ISED's public consultation requirements as prescribed in *Radiocommunication and Broadcasting Antenna Systems Client Procedures Circular (CPC-2-o-03)*, the LTA has incorporated into the requirements a number of **augmentations** to the public consultation process. Itemization of the augmented elements may be found in Table A: "Consultation and Information –Process Steps and Requirements: ISECD & Augmentation."

a) *Notification Requirements for Non-exempt Antenna Systems*

- i. The *proponent* will provide written notice, sent by regular mail or hand delivered, to all property owners and residents with a *notification distance* of 10 metres for every one metre in height from the base of the structure for a *freestanding antenna system*
- ii. The *proponent* will provide written notice, sent by regular mail or hand delivered, to all *neighbouring land-use jurisdictions, emergency service providers and school districts* with a *notification distance* of 1000 metres from the base of the structure.
- iii. The *proponent* will provide notice to ISED's regional office.
- iv. The *proponent* will provide written notification to Community Associations identified at the site investigation meeting.
- v. The proponent will place notice of the *telecommunication antenna system* proposal in at least two editions of a local newspaper.
- vi. Where a public information meeting is to be held for a proposed *telecommunication antenna system*, a notice of the meeting shall be placed in at least two editions of a local newspaper and the proponent will provide written notice of the meeting sent by regular mail or hand delivered, to all property owners, *land-use jurisdictions, emergency service providers and school districts* with a *notification distance* of 10 metres for every one metre in height for a *freestanding antenna system* and for a *building/structure-mounted antenna system*.

b) *Notice Content Requirements*¹⁰

¹⁰ These requirements are those of Appendix 1 of the CPC as well as additional requirements suitable for the Islands Trust.

The *proponent* shall include at a minimum the following information in any mailed or otherwise delivered public notice:

- i. The proposed antenna system's purpose, the reasons why existing antenna systems or other infrastructure cannot be used, a list of other structures that were considered unsuitable and future sharing possibilities for the proposal;
- ii. Information on the location within the community, the geographic coordinates and the specific property or rooftop, height, type, design and colour of the proposed telecommunication antenna system, including a copy of the site plan submitted with the application;
- iii. Description of the antenna that may be mounted on the supporting structure and simulated images of the proposal;
- iv. Identification of areas accessible to the general public and the access/demarcation measures to control public access;
- v. An attestation that the general public will be protected in compliance with Health Canada's Safety Code 6 including combined effects within the local radio environment at all times;
- vi. An attestation that the installation will respect good engineering practices including structural adequacy;
- vii. Transport Canada's aeronautical obstruction marking requirements (whether painting, lighting or both) if available; if not available, the proponent's expectation of Transport Canada's requirements together with an undertaking to provide Transport Canada's requirements once they become available;
- viii. Information on the environmental status of the project, including any requirements under the Canadian Environmental Assessment Act, 2012;
- ix. Clear information on the role of ISED as the sole approving authority for the siting of telecommunication Antenna system and that the LTA only provides a statement of siting concurrence/non-concurrence at the request of the proponent;
- x. Notice that general information relating to antenna systems is available on ISED Canada's Spectrum Management and Telecommunications website (<http://www.ic.gc.ca/towers>);
- xi. Reference to any applicable local land-use requirements such as local processes, protocols, etc.;
- xii. Information that comments and responses should be directed to the proponent and that all submissions received by the proponent will be forwarded to the LTA for their records;
- xiii. Information that citizens may request their name and contact information be kept confidential within the published records;

- xiv. The name and contact information of a contact person for the *proponent*;
- xv. The name and contact information of ISED;
- xvi. The name and contact information of the LTAs planner;
- xvii. An attestation that the *telecommunication antenna system* will respect Health Canada's *Safety Code 6* which sets safe radiofrequency emission levels for these devices; and
- xviii. The date, time and location of the public information meeting where required.
- xix. closing date for submission of written public comments (not less than 30 days from receipt of notification).
- xx. The notification shall be sent in an envelope addressed to the "Occupant" and/or "Tenants" and shall clearly show in bold type on the face of the envelope the statement: "NOTICE FOR RESIDENTS: NEW PROPOSED CELL TOWER - INFORMATION IS ENCLOSED."

5. *Public Information Session*

The LTA requests the *proponent* chair a public information meeting for all proposed *telecommunication Antenna system* exceeding 15 metres in height **or where there is significant public interest in the new free standing proposed telecommunication antenna system**. The type of public meeting to be conducted is up to the discretion of the proponent, however:

- an appropriate date, time and location for the public information meeting will be determined in consultation with the LTA's Island Planner;
- the *proponent* will make available at the public information meeting an appropriate visual display of the proposal, including a copy of the site plan submitted with the application and an aerial photograph of the proposed site;
- all information and materials presented should consist of *localized content*;
- the *proponent* shall not schedule a public information meeting less than seven day prior to the close of the public consultation period; and
- the *proponent* may request LTA staff attendance and participation in the meeting.

6. *Online Community Engagement*

- A proponent may augment the public information session with an online forum to allow information sharing and feedback from people who may not be able to attend a public forum

Table A: Consultation and Information –Process Steps and Requirements: ISED & Augmentation		
Step	Default ISED Requirement	LTA Augmentation
Pre-consultation		
Informal meetings	None	Yes
Information about exempt antenna systems	None	Yes
Notification	None	Yes
Site investigation meeting	None	In some cases
Confirmation of LTA preferences and requirements	None	Yes
Application		
Initial application proposal	None	Yes
Submission Prior to Notification –for staff review and approval	None	○ Draft of all public notices ○ Address list and map of all property owners and residents to be notified ○ Draft of newspaper ads ○ Copy of written notice referencing emergency services providers referral comments
Public Consultation		
Written notice	Property owners within 3 X tower height prescribed distance	○ Include property owners and all residents, including seasonal residents
	Neighbouring land use jurisdictions, emergency service providers, and school districts within 3 X tower or building/ structure height	○ Community associations
Newspaper notice	Notice regarding proposal in one edition of a local newspaper	○ Proposal and information meeting ○ Optional community workshop ○ Two editions of local newspaper ○ Website and/or social media notification ○ Optional online forum
Notice content	12 points of the CPC Appendix 1 ‘Public Notification Package’	○ Site plan ○ Statement on respective roles of ISED and LTA
Public information session	None	○ For all proposals exceeding 15 m in height or where there is significant public interest

7. **Step 4: Request for Concurrence**

a) *Submission to the LTA: Request for Concurrence*

Prior to submitting a formal request for siting concurrence, the proponent must include the following information to the LTA:

- i. A summary of and a copy of all public submissions and responses, as well as the proponent's response to public submissions as outlined in ISED's *Radiocommunication and Broadcasting Antenna Systems Client Procedures Circular* (CPC-2-0-03);
- ii. A letter outlining any NAV Canada and Transport Canada requirements for lighting and painting on the proposed *telecommunication antenna system*;
- iii. A copy of all plans and studies (i.e. Environmental Review) required for the construction of the proposed *telecommunication antenna system*;
- iv. A package summarizing the results of the public information meeting containing at a minimum, the following:
 - The time, date, location and number of people in attendance of any public information meeting held;
 - A List of attendees, including names, addresses and phone numbers (where provided voluntarily);
 - Copies of all letters and other written communications received; and
 - A letter outlining how all the concerns and issues raised by the public were addressed.

b) *Statement of Concurrence or Non-concurrence*

Commentary

The purpose of this protocol is to provide the LTC with consistent procedures and information with which to evaluate the siting of a telecommunication antenna system. Following the commencement of the consultation period, the proponent may request a statement of concurrence from the LTC. Once a request is received, Islands Trust staff will prepare a report with a recommendation to the LTC. The staff report will include information on the proposed telecommunication antenna system, a site plan, the location of the proposal, an overview of the application and all public consultation materials submitted by the proponent for the Committee's review. It is the discretion of the LTC to provide a statement of siting concurrence or non-concurrence or- The proponent can ask for a decision from the LTC. If nothing is forthcoming, after a certain amount of time, they can ask ISED what to do next. Should a proposal ever go to impasse (rare), ISED will look at the default process as a minimum and also consider the LTC's protocol. In reaching a decision

the ISED will consider such questions as 'Did the proponent address all requirements?', 'Did the proponent adequately address all reasonable and relevant concerns?' and 'Can the proponent argue that the LTC's process was overly onerous and unrealistic?'

The statement of concurrence or non-concurrence shall occur within 120 days of acceptance of a complete application, unless otherwise agreed to by the proponent and ISED.

c) Duration of Concurrence

- i. Concurrence remains in effect for a maximum period of 3 years from the date it was issued by the LTC. If construction has not commenced within this time period, the concurrence expires and a new submission and review process, including public consultation as applicable, is necessary prior to any construction activity.
- ii. Request notification of intent to construct 60 days prior commencement of construction activity (OR, building permit).
- iii. Once concurrence has been issued, it may be transferred from the original proponent to another proponent without the need for further consultation provided that:
 - All information gathered by the original *proponent* is transferred to the new *proponent*;
 - The structure and *antenna system* for which the concurrence was issued to the original *proponent* is what the new *proponent* builds, and
 - Construction of the structure is begun within the duration of the concurrence period.

d) Letter of Undertaking

The Proponent may be required by the LTC to provide a Letter of Undertaking which may include the following requirements:

- i. posting of a security for the construction of any proposed fencing, screening or landscaping or
- ii. building permit requirements determined by the regulations of the _____Regional District.

H. Terms of Use of This Policy

The LTA is not in any way bound by this policy and is free to apply, or not apply, any evaluation criterion it deems appropriate in its consideration of applications.

4 LAND USE SITING CRITERIA

4.1 Introduction

Antenna systems should be sited and designed to respect local sensitivities and preferences as identified by the LTA, including making efforts to being unobtrusive and inconspicuous, minimizing visual impact, avoiding disturbance to natural features and reduce the need for future facilities in the same area, where appropriate.

Commentary

An outright ban on any type of antenna system is not defensible and may ultimately not be in the LTA's best interest as the ISED has the ultimate approval authority; better to have a progressive policy that recognizes telecommunication antenna systems need to go "somewhere" and use siting criteria to help proponents find the "least worst" spot. Siting criteria puts the LTA in a position of having some control, rather than being ultimately powerless.

These criteria address co-location, re-use, use of existing infrastructure, and new *antenna systems*.

Consideration is requested in the following order of priority:

1. **Co-location** on an existing Antenna System
2. **Re-use** of an existing telecommunication facility
3. Use of **existing infrastructure** such as a building rooftop or utility pole
4. **Stealth design** of a new antenna system
5. **New antenna system** structure

The proponent should review the guidelines identified below as early as possible and should attempt to resolve any outstanding issues prior to submitting its *antenna system* siting proposal and undertaking the public consultation, where required by the LTC. Because expressed preferences may be location or site specific, the proponent is encouraged to discuss the guidelines fully with Islands Trust planning staff during a preliminary meeting.

Proponents are also required to obtain all applicable building permits for additions and/or modifications to existing buildings. `

4.2 Criteria

Before submitting a proposal for an *antenna system* on a new site, the *proponent* must explore the following options:

- consider *co-location* by sharing an existing *antenna system*;
- explore modifying or replacing a structure if necessary; and

- locate, analyze and attempt to use any feasible **existing infrastructure**, including (but not limited to) rooftops, water towers, utility poles or light standards; and
- explore the feasibility of designing a new antenna system where the visibility of the equipment is minimized from street level, including shrouding or stealth design.

Where *co-location*, re-use, modification, use of existing infrastructure, or a *stealth design* of a new structure is not feasible, a new *antenna system* should be designed with *co-location* capacity, including in *residential areas* when identified as the LTA's preference.

The LTA recognizes that the objective of promoting *co-location* and the objective of making *antenna systems* less noticeable may sometimes come into conflict. Nevertheless, the LTA intends to review each submission on its merits with a view to promoting both objectives and, where necessary, will determine the appropriate balance between them. The *proponent* should, in all cases, verify the LTA's site-specific criteria preferences during the pre-submission consultation process before investing in a final design or site.

A. Preferred locations

When new *Antenna systems* must be constructed, **where technically feasible**, the following locations are preferred:

1. Buildings & Infrastructure

- Existing buildings and/or structure mounted *antenna systems*
- Areas that can access fiber optic networks to allow for backhauling into the fiber optic network

2. Land Use Preferences

- Industrial use land
- Agricultural use land
- Highway or service commercial use land (excluding mixed residential use)
- Land owned by the Islands Trust or another government entity
- Utility institutional use land were appropriate, but not limited to those institutions that require telecommunications technology, emergency services, hospitals, colleges
- BC Hydro utility corridor rights of way
- Low density *residential areas* as defined by the Local Trust Area

B. Distance Considerations

Model Strategy for Antenna Systems—Local Planning Committee

- Distance of new free-standing towers from existing Safety shall be at least one (1) times the height of the proposed tower.
- Notwithstanding the distance of one (1) times the height of a proposed tower from property lines, the distance may be increased by the Local Trust Committee to a maximum of (3) times the height of the proposed tower. The LTC should consider a guideline of increasing the setback by up to 25% if it is reasonably anticipated that the tower may be **increased** in height by up to 25% in the future and otherwise be exempt from any public consultation process.
- Notwithstanding the distance of one (1) times the height of a proposed tower from property lines, the distance may be **decreased** if the location is consistent with the land use preferences of Article 4.2 A. 2 Preferred Locations and avoids discouraged locations of Article 4.2 C Discouraged Locations.
- Setbacks from property lines adjacent non-residential uses may invite special consideration in the Land Use Bylaw. The setbacks should serve to separate *Antenna systems* from adjacent development without unduly affecting the development potential of the lot over the lease period.

C. ***Discouraged Locations***

All Antenna Systems

- Locations directly in front of doors, windows, balconies or residential frontages
- Land zoned for nature protection
- Environmentally sensitive ecosystems as defined in the Official Community Plan

Free-standing Antenna Systems

- Medium and high density *residential areas* as defined by the Local Trust Area
- Schools, daycare facilities, playgrounds and similar facilities
- Areas that adversely impact view corridors
- Heritage areas (unless visibly unobtrusive) or on heritage structures unless it forms an integrated part of the structure's overall design (i.e. through the use of stealth structures).
- Sites of topographical and geographic prominence
- Sites that detrimentally affect the scenic quality of a corridor.
- Sites that detrimentally affect the foreground views of residents;

D. ***Incentives***

Model Strategy for Antenna Systems—Local Planning Committee

All or part of the public consultation requirements may be waived for *antenna systems* proposed on sites that are consistent with OCP policy, preferred siting locations, that exceed setback considerations, feature innovative design to a high standard and embrace infrastructure as art, included shrouded or internal antennae, and avoid discouraged locations.

In all cases, however, the *proponent* is required to provide **information** regarding the proposed antenna system in accordance with Section 3.2 E. Notification and Municipal Review of Exempt Antenna system.

E. Criteria not to address

As described in the CPC, *proponents* have specific obligations subject to federal requirements. Additional obligations may not be imposed; however, it is appropriate to ask questions and seek clarification concerning their steps and alternatives available to satisfy these requirements.

Proponents must comply with the following:

- Health Canada's public radio frequency exposure guidelines – Safety Code 6 (Limits of Human Exposure to Radio Frequency Electromagnetic Energy in the Frequency Range from 3 kHz to 300 GHz – Safety Code (2009);
- Radio Frequency Interference and Immunity – EMCAB-2—Criteria for Resolution of Immunity Complaints Involving Fundamental Emissions of Radiocommunications Transmitters;
- Canadian Environmental Assessment Act, 2012 –CEAA 2012; and
- Aeronautical Safety—Transport Canada and NAV CANADA requirements for aeronautical safety.

5 MODEL OFFICIAL COMMUNITY PLAN POLICIES

5.1 Advocacy Policies

1. Health Canada should continue to evaluate health impacts of electromagnetic radiofrequencies from telecommunication facilities, including towers, to ensure that detrimental effects on human health do not occur.
2. Support efforts to expand electronic communications and infrastructure within the community provided it can be demonstrated that such is in compliance *with the Canadian Environmental Assessment Act (CEAA), and the Safety Code 6 of the Health Act*.
3. Support multi-Island public organizations such the Southern Gulf Islands Economic Sustainability Commission in its objective of improving the telecommunications services in the Gulf Islands.
4. Endorse the Canadian Radio and Television Commission policy statement on high speed broadband, especially by cable, as a basic service.
5. Encourage telecommunication providers to retain and increase the number of pay telephones in areas with poor cell coverage as an emergency back-up.
6. Encourage telecommunication providers to re-assess its fibre optic cable within the Local Trust Area (LTA) for public and institutional access and to allow third party access.
7. Promote the role of public and private wireless “hot spot” providers in improving connectivity.
9. Establish a fee schedule to recover reasonable staff and process expenditures to recover costs from telecommunication *proponents* with consideration given to the costs to Islands Trust to evaluate and process proposals.

5.2 Land Use Policy

A. Siting Objectives

1. Antenna Systems should be sited and designed to respect local sensitivities and preferences as identified by the LTA, including being unobtrusive and inconspicuous, minimizing visual impact, avoiding disturbance to natural features and reduce the need for future facilities in the same area, where appropriate.
2. Where *antenna systems* are proposed consideration is requested in the following order of priority:
 - a) **co-location** on an existing antenna system;
 - b) **re-use** of an existing telecommunication facility;

Model Strategy for Antenna Systems—Local Planning Committee

- c) use of **existing infrastructure** such as a building rooftop or utility pole;
 - d) *stealth design* of a new antenna system; and
 - e) **new** antenna system structure.
3. Where *co-location*, re-use, modification, or use of existing infrastructure is not feasible, a new *antenna system* should be designed with *co-location* capacity, including in *residential areas* when identified as the LTA's preference.
 4. The LTA recognizes that the objective of promoting *co-location* and the objective of making *Antenna systems* less noticeable may sometimes come into conflict. Nevertheless, the LTA intends to review each submission on its merits with a view to promoting both objectives and, where necessary, will determine the appropriate balance between them.

B. Land Use Preferences

1. When new *antenna systems* must be constructed; **where technically feasible**, and such systems are not of *stealth design* or otherwise exempt from public consultation, they should be sited in the following land use categories:
 - industrial use land;
 - highway or service commercial use land (excluding mixed residential use);
 - utility institutional use land is appropriate, but not limited to those institutions that require telecommunications technology, emergency services, hospitals, colleges;
 - BC Hydro utility corridor rights of way;
 - low density *residential areas*; and
 - agricultural use land.
2. In all land use designations, the following building and infrastructure considerations are preferred:
 - use of existing buildings and/or structure mounted *antenna systems*; and
 - siting in areas that can access fiber optic networks to allow for backhauling into the fiber optic network.

C. Setback Considerations

1. Preferred *setbacks* between antenna systems and lot lines should be at least 1 (one) times the height of the free-standing tower; the Local Trust Area may choose to adjust this preferred setback to reflect local conditions and preferences.
2. Notwithstanding a preferred *setback* distance of a proposed tower from residential uses, the setback distance may be **decreased** if the location is consistent with the land use

preferences of Article 5.2 B. 2 Land Use Preferences and avoids *discouraged locations of Article 5.2 D Discouraged Locations*.

3. Setbacks from non-residential uses may be determined on a case by case basis and should serve to separate *antenna systems* from adjacent development without unduly affecting the development potential of the lot over the lease period.

D. Discouraged Locations

1. Land use

- Medium and high density *residential areas*
- Schools, daycare facilities, playgrounds and similar facilities
- Areas that adversely impact view corridors
- Heritage areas (unless visibly unobtrusive) or on heritage structures unless it forms an integrated part of the structure's overall design (i.e. through the use of stealth structures).
- Nature protection areas
- Environmentally sensitive ecosystems

2. Other considerations, irrespective of land use designation

- Locations directly in front of doors, windows, balconies or residential frontages
- Community gathering places such as community halls, churches, commercial eating & drinking establishments
- Sites of topographical and geographic prominence

6 ON-LINE BROCHURE ON THE DEFAULT ISED PUBLIC CONSULTATION & APPROVAL PROCESS AND THE ROLE OF ISLANDS TRUST

Pending – in design phase

7 DEFINITIONS

Antenna system (also telecommunication antenna system) means an exterior transmitting device – or group of devices – used to receive and/or transmit radio-frequency (RF) signals, microwave signals, or other federally-licensed communications energy transmitted from, or to be received by, other antennas. *antenna system* includes the antenna, and may include a supporting tower, mast or other supporting structure, and an equipment shelter. This *protocol* refers to the following three types of *telecommunication antenna system*, defined below;

Building/structure-mounted antenna system means a *telecommunication antenna system* mounted on an existing structure or building and for the purposes of height calculations, height shall be measured from the base of any building or structure to the most elevated portion of any antenna system.

Freestanding antenna system means a structure built from the ground for the expressed purpose of hosting transmitting devices; and

Tree-mounted antenna system: means an antenna system mounted on a tree.

Co-location means the placement of antennas and equipment operated by one or more *proponents* on a *telecommunication antenna system* owned by a different party, thereby creating a shared facility;

Community association means an active area or neighbourhood specific group or association within a LTA;

Distance the horizontal distance measured from the lot line to the base of a proposed freestanding antenna system or the base of any building or structure to which an antenna system is mounted to a structure, building, or facility.

Emergency service providers means any police, fire, ambulance or search and rescue organization with a typical response area within the *notification distance* of a proposed *telecommunication antenna system*;

Localized content means any public consultation materials, supporting documentation and/or other relevant promotional material provided by a *proponent* for a proposed *telecommunication antenna system* which has been tailored specifically to the context of the LTA;

Neighbouring land-use jurisdiction means any land-use authority or First Nations within a *Prescribed Notification Distance* of any proposed *telecommunication antenna system*;

Prescribed notification distance: measured horizontally from the outside perimeter of the supporting structure of the proposed *freestanding* or *building/structure-mounted antenna system*. The outside perimeter begins at the furthest point of the supporting mechanism, be it the outermost guy line, building edge, face of the self-supporting tower;

Proponent: means a company or organization, including contractors or agents undertaking work for telecommunication carriers, for the purpose of providing commercial telecommunication services;

Protocol: means any written local guideline, policy or process that addresses the issue of antenna placement;

Residential area: means lands used or zoned to permit residential uses, including mixed uses (i.e. where commercial use is permitted with residential use on the same lot).

School District: means an area created or constituted as a school district under the *School Act*;

Sensitive community locations: means institutions and services, such as schools, daycares, recreation facilities, public parks, or other sensitive locations;

Stealth design: means a design of an antenna system that camouflages the antenna and supporting structure as something else such as a tree, water tower, flag pole, component of a building, or similar means.

Telecommunications antenna system: see antenna system definition.

8 APPENDIX: ANTENNA DESIGN MATRIX

Telecommunication Design

Typical Towers Designs

Guyed



Self-Supporting



Monopole



Height	30-120 m	45-60 m	14.9-45 m
Application	Rural	Rural/Suburbs/City	Rural/Suburbs/City
Compound Footprint	100m x 100m (H x 0.8 x 2)	Min. 20m x 20m	10m x 10m
Tower Diameter	Base of Pole min. 1m	Base min 10% height (H x .1 = face width)	Base footprint dependent on loading, geotechnical, environmental

Monopole Tower Designs

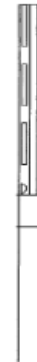
Monopole 1
(pin wheel)



Monopole 2
(flush mount)



Monopole 3
(shrouded)



Pin wheel allows tower to accommodate a larger number of antennas for futures &/or other carriers.	Flush mounted antennas minimize overall massing of the tower, but limit opportunity for future antennas, or space for other carriers	Antennas fully hidden, but diameter of the pole is wider to accommodate microwave. Can be slimmer if there is fibre to site. *Note: shrouded design does not currently support AIR antenna w. integrated RRU's
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Telecommunication Design

Tripole Tower Designs

Standard Tripole



Clock Tower design

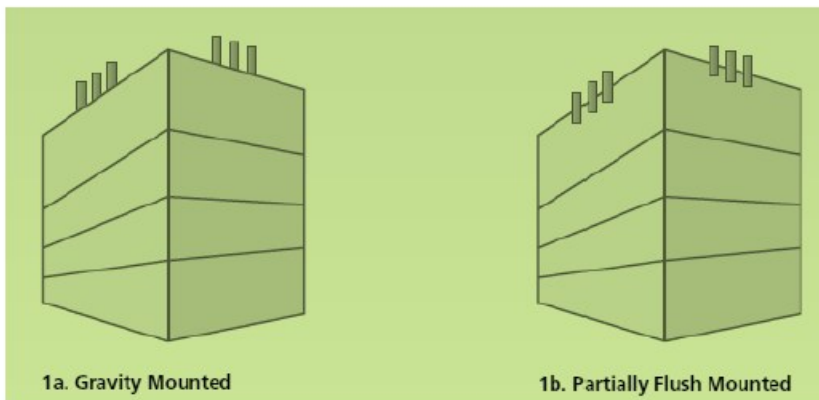


Church Cross design



Height	14.9m-60m
Application	Rural/Suburbs/City
Compound Footprint	Medium footprint 20m x 20m
Tower Diameter	* Note: Base footprint dependent on loading, geotechnical, environmental

Rooftop antennas



Telecommunication Design

Utility Poles



Light Standards





Islands Trust Conservancy Report to Local Trust Committees and Bowen Island Municipality May 2019

Regional Conservation Plan

All of the work the Islands Trust Conservancy undertakes and reports on is guided by the science-based and community-informed 2018-2027 Regional Conservation Plan. The ITC continues to work towards four long-term goals (science-based conservation planning, collaboration with First Nations, protection of core conservation areas and a strong voice for nature conservation) and 25 objectives that further conservation in the entire Trust Area. The following is an update on the ITC activities from the May 2019 ITC Board meeting to meet these goals.

Islands Trust Conservancy Board Policy and Bylaw Revisions

Goal 4 – A strong voice for nature conservation, core ITC business and operations.

- The ITC Board gave first, second and third readings to Bylaw No. 2, the “Islands Trust Conservancy Meeting Procedures Bylaw, 2019.” The new bylaw replaces Bylaw No.1 and reflects the ITC name change, allows for the election of a Vice Chair and adds reference to committee meetings. The Board also amended Policy 1.2 Islands Trust Conservancy Board and Committee Elections.

Fund Development Advisory Committee (FDAC)

Goal 4 – A strong voice for nature conservation, Objective 4.1 – Develop and expand fundraising strategies to support Islands Trust Conservancy programs.

- The ITC Board received and approved the ITC Fund Development Advisory Committee Terms of Reference and Operating Guidelines.

2017-2018 Annual Report

Goal 4 – A strong voice for nature conservation, Objective 4.3 Continue to develop the Islands Trust Conservancy brand and promote organizational recognition through telling of the Islands Trust Conservancy story.

- The ITC Board received and approved the text for inclusion in the 2017-2018 annual report.

Canada Nature Fund

Goal 4 – A strong voice for nature conservation, Objective 4.1 – Develop and expand fundraising strategies to support Islands Trust Conservancy programs.

- The ITC Board discussed potential options for participating in the federal funding announced in 2018.

Draft Reconciliation Action Plan and Reconciliation Declaration

Goal 2 – Collaboration with First Nations, Objective 2.1 Amend or redraft policies, procedures, plans, document templates and reports to include acknowledgement and consideration of First Nations.

- The ITC Board direct staff to develop a specific draft reconciliation declaration and action plan for the Islands Trust Conservancy.

Executive Committee Liaison Meeting Draft Agenda

Goal Three- Objective 3.6 - Participate in significant ecosystem conservation opportunities related to land use planning in collaboration with local trust committees and island municipalities.

- The ITC Board discussed and approved the agenda items for the upcoming, annual Executive Committee Liaison Meeting.

Fire Smart from a Conservation Perspective

Goal One – Science-based Conservation Planning, Objective 1.3 - Investigate opportunities for protection of important conservation areas with partners.

- The ITC Board discussed the issues around fire safety and ecosystem management on ITC owned or protected properties.

Current Islands Trust Area Activities

Goal Three – Protection of Core Conservation Areas – Objective 3.1 – Manage islands Trust Conservancy conservation areas responsibly and strategically for ecological integrity, species and ecosystems at risk, known threats, public safety and protection of identified features using the Property Management strategy.

- The ITC has completed the management plan for Fairyslipper Forest Nature Reserve on Thetis Island, is nearing completion of three nature reserve management plans on Gambier Island, and is working on management plans for three nature reserves on Denman Island and one nature reserve on Lasqueti Island. Property monitoring was completed on Bowen, Denman, Hornby, Gabriola, Gambier, Lasqueti, Link, Little D’Arcy, Saturna, Sidney and Thetis Islands. Property monitoring is underway on North Pender and Salt Spring Islands and is being planned for Galiano, South Pender, and South Winchelsea Islands.

Current Island-by-Island Activities

Goal Three – Protection of Core Conservation Areas – Objective 3.1 – Manage islands Trust Conservancy conservation areas responsibly and strategically for ecological integrity, species and ecosystems at risk, known threats, public safety and protection of identified features using the Property Management strategy.

Please feel free to contact the Islands Trust Conservancy for more details.

Kate-Louise Stamford, Chair kstamford@islandstrust.bc.ca

Islands Trust Conservancy itcmail@islandstrust.bc.ca

Denman

Management planning for three nature reserves, including the Valens Brook Nature Reserve addition, is under way. New ten-year management plans for Inner Island and Lindsay Dickson nature reserves will be completed in 2019. Property monitoring on Denman has been completed for 2019. Invasive species management activities continue at Inner Island, Lindsay Dickson, and Morrison Marsh nature reserves.

Gabriola

Expansion of the boardwalk over wet areas and exposed roots on the west side of the loop trail in Elder Cedar Nature Reserve has been completed and construction of a 93-ft boardwalk across a seasonally flooded section of trail in the northeast corner is planned for 2019. Property monitoring on Gabriola has been completed for 2019.

Galiano

Trail maintenance is being planned for Vanilla Leaf Land Nature Reserve in partnership with the Galiano Conservancy Association. Invasive species removal and annual cormorant nest monitoring are being planned for Trincomali Nature Sanctuary in partnership with the Habitat Acquisition Trust.

Gambier

Management planning for three Gambier Island nature reserves (Brigade Bluffs, Long Bay Wetland, and Mount Artaban) is nearing completion. Property monitoring on Gambier has been completed for 2019.

Lasqueti

The ITC and the Lasqueti Island Nature Conservancy (LINC) have met the fundraising goal for the Salish View acquisition campaign. Staff are continuing working to finalize the land transfer. Once the land transfer is complete, the ITC will begin public consultation on the draft management plan. Forest restoration activities at Mount Trematon Nature Reserve, led by LINC, have been completed for 2019 with assistance from Katimavik volunteers. Property monitoring on Lasqueti has been completed for 2019.

Link Island

ITC staff attended a celebration event at Link Island with the landowners and co-covenant holder (Nanaimo and Area Land Trust) and installed conservation covenant signage. Property monitoring on Link Island has been completed for 2019.

North Pender

The ITC Board discussed a referral from the North Pender Island Local Trust Committee for Bylaw No. 220. The subject property for the bylaw is adjacent to the Medicine Beach Nature Sanctuary. The ITC Board noted concerns about the effects of light pollution on many animal species, including bats, and concerns about storage of toxic materials on the site. Staff provided the ITC Board response to the local trust committee and followed up with planning staff

Please feel free to contact the Islands Trust Conservancy for more details.

Kate-Louise Stamford, Chair kstamford@islandstrust.bc.ca

Islands Trust Conservancy itcmail@islandstrust.bc.ca

regarding best management practices for external lighting and wildlife. Property monitoring on North Pender is under way.

Salt Spring

The ITC Board considered a referral from Salt Spring Island planning staff regarding a Development Variance Permit for lands adjacent to the Lower Mount Erskine Nature Reserve. The ITC Board indicated that its interests are not significantly impacted and directed staff to work with the Salt Spring Island Planner to follow up with the landowner to provide information regarding conservation options to provide a natural buffer for the nature reserve. Property monitoring on Salt Spring is under way.

Thetis

The ITC Board approved a management plan for the Fairyslipper Forest Nature Reserve, which includes a commitment to developing a parallel *Management Plan for Areas of Cultural Heritage and Sacred Significance* with a flexible timeline. ITC is collaborating with Thetis Island Nature Conservancy and Cowichan Community Land Trust on the design and building of a publicly accessible trail loop in the nature reserve, with a trail opening celebration tentatively scheduled for Earth Day 2020. ITC staff plan to install signage informing the public of Thetis Island nature reserve boundaries later this year.

Please feel free to contact the Islands Trust Conservancy for more details.

Kate-Louise Stamford, Chair kstamford@islandstrust.bc.ca

Islands Trust Conservancy itcmail@islandstrust.bc.ca

Regional Conservation Plan Updates

The science-based and community-informed Regional Conservation Plan guides the work the Islands Trust Conservancy (ITC). The ITC continues to work towards four long-term goals and 25 objectives that further conservation in the entire Trust Area. For more information, visit www.islandstrustconservancy.ca/media/84821/itc_2018-11_rcp-2018-2027-web_final.pdf.

Goal 1 – Science-based Conservation Planning

- The ITC Board held a special meeting to discuss the Climate Change Emergency and forwarded its recommendations to Trust Council.

Goal 2 – Strong relationships with First Nations

- The ITC Board adopted a reconciliation declaration at its July meeting and wrote to First Nations to share the Reconciliation Declaration which is available at www.islandstrustconservancy.ca/about-us/first-nations-and-reconciliation.

Goal 3 – Protection of core conservation areas

Property Management

- The ITC has completed management plans for three Nature Reserves (Thetis and Gambier) and is working on the completion of five more (Denman, Gambier, Lasqueti and Thetis).
- Property monitoring for all conservation covenants (including NAPTEP – Natural Area Protection Tax Exemption Program covenants) and nature reserves was completed.

Land Acquisition and Covenants

- The ITC successfully completed the transfer of the Salish View Nature Reserve on Lasqueti Island in partnership with the Lasqueti Island Nature Conservancy. See <http://www.islandstrustconservancy.ca/protected-places/places-protected-in-the-islands/all/lasqueti-island/salish-view-nature-reserve/> for more information.

Goal 4 – A strong voice for nature conservation

- The ITC Board gave final reading to Bylaw No. 2, the “Islands Trust Conservancy Meeting Procedures Bylaw, 2019.” The new bylaw reflects the ITC name change, allows for the election of a Vice Chair and adds reference to committee meetings. The Board also amended Policy 1.2 Islands Trust Conservancy Board and Committee Elections.
- The ITC Board elected Sue-Ellen Fast to serve as Vice-Chair for the ITC Board.
- The ITC Board approved the Audited Financial Statements for the 2018-2019 fiscal year at its July meeting. See www.islandstrustconservancy.ca/about-us/our-financials.
- The ITC Board and the Islands Trust Executive Committee met in July to discuss items of mutual interest.

Activities by Local Trust Area/Island Municipality

Ballenas-Winchelsea

Property monitoring on South Winchelsea Island has been completed for 2019.

Bowen

Property monitoring on Bowen has been completed for 2019.

Denman

Management planning for three nature reserves, including the Inner Island, Lindsay Dickson and Valens Brook Nature Reserves, is under way and an open house for community feedback was held in September. Property monitoring on Denman has been completed for 2019. Invasive species management activities continue at Inner Island, Lindsay Dickson, and Morrison Marsh nature reserves.

Gabriola

Expansion of the boardwalk over wet areas and exposed roots on the west side of the loop trail in Elder Cedar Nature Reserve has been completed and construction of a 93-ft boardwalk across a seasonally flooded section of trail in the northeast corner is planned for 2019. Property monitoring on Gabriola has been completed for 2019.

The ITC hosted a celebration event for the Swift Family Link Island NAPTEP Covenant at the Islands Trust Victoria Office. The event was attended by Islands Trust staff and ITC Board members and trustees and other staff were invited to attend remotely by GoTo Meeting.

Galiano

Trail maintenance is being planned for Vanilla Leaf Land Nature Reserve in partnership with the Galiano Conservancy Association. Invasive species removal and annual cormorant nest monitoring are being planned for Trincomali Nature Sanctuary in partnership with the Habitat Acquisition Trust. Property monitoring on Galiano has been completed for 2019.

Gambier

Management plans for Brigade Bay Bluffs and Long Bay Wetland nature reserves has been completed and the Management Plan for the Mount Artaban Nature Reserve is nearing completion. Completed management plans are available on the ITC website at <http://www.islandstrustconservancy.ca/protected-places/places-protected-in-the-islands/full-list/>. ITC is concurrently working on a parallel management planning process for areas of cultural heritage and sacred significance within its nature reserves.

Property monitoring on Gambier has been completed for 2019.

Please feel free to contact the Islands Trust Conservancy for more details.

Kate-Louise Stamford, Chair kstamford@islandstrust.bc.ca

Islands Trust Conservancy itcmail@islandstrust.bc.ca

Hornby

Property monitoring on Hornby has been completed for 2019.

Lasqueti

The ITC and the Lasqueti Island Nature Conservancy (LINC) completed the campaign for the Salish View Nature Reserve and the land has been transferred to the ITC. The ITC held a celebration event in July and an open house to inform management planning. Management planning continues and is anticipated to complete in early 2020.

Property monitoring on Lasqueti has been completed for 2019.

North Pender

Property monitoring on North Pender has been completed for 2019.

Salt Spring

The ITC Board considered and approved a conservation proposal for 200 Collins Road. ITC staff are working with the applicant to develop a conservation covenant for the property and will return to the ITC Board for final approval once the covenant language is finalized. Development of management plans for the Lower Mt. Erskine and Deep Ridge nature reserves is underway and public consultation will begin soon. ITC staff also participated in recent meeting for the Mount Tuam Special Management Area Resource Team.

Property monitoring on Salt Spring has been completed for 2019.

Saturna

Property monitoring on Saturna has been completed for 2019.

South Pender

Property monitoring on South Pender has been completed for 2019.

Thetis

Trail building on the Fairyslipper Forest Nature Reserve has begun and will continue into the new year. Property monitoring on Thetis has been completed for 2019.

Please feel free to contact the Islands Trust Conservancy for more details.

Kate-Louise Stamford, Chair kstamford@islandstrust.bc.ca

Islands Trust Conservancy itcmail@islandstrust.bc.ca



Islands Trust Conservancy Report to Local Trust Committees and Bowen Island Municipality November 2019

Islands Trust Conservancy New Board Member

Trustee Dr. Susan Hannon joined the Board November 2019. Susan Hannon is a retired Ecology Professor from University of Alberta, currently living on Salt Spring Island. Dr. Hannon's research expertise is in forest ecology, impacts of habitat fragmentation, forest birds and conservation. Active in her community, Dr. Hannon is a Commission Member for The Advisory Planning Commission for Islands Trust. She has also served on the boards of The Salt Spring Island Conservancy, The Nature Trust of BC, Bird Studies Canada, and the Garry Oak Ecosystem Recovery Team Society. Dr. Hannon has worked in land stewardship with private landowners, runs the nest box program on Salt Spring, worked in Garry oak ecosystem restoration and removal of invasive plants. She holds a Doctor of Philosophy in Ecology from the University of British Columbia.

Islands Trust Conservancy Staff Changes

Islands Trust Conservancy is pleased to welcome Kathryn Martell as the acting Ecosystem Protection Specialist, replacing Wayne Bourque.

Carla Funk is acting ITC Communications and Fundraising Specialist while Crystal Oberg is on education leave until August, 2020.

Goal 1 – Science-based Conservation Planning

Goal 2 – Strong relationships with First Nations

The Islands Trust Conservancy Board received a letter from Lyackson First Nation in regards to the Salish View Nature Reserve for information.

Goal 3 – Protection of core conservation areas

Property Management

Mt. Artaban Nature Reserve Management Plan

Islands Trust Conservancy Board approved the 2019 update of the Mount Artaban Nature Reserve Management Plan. The plan will be made available online once it is approved by the covenant holders.

Land Acquisition and Covenants

Covenant Modification Agreement – Woodwinds NAPTEP Covenant

The Islands Trust Conservancy Board agreed to modify the Woodwinds NAPTEP covenant on North Pender Island to address an existing septic field.

Goal 4 – A strong voice for nature conservation

1. Islands Trust Conservancy Board directed staff to consider including a Note Disclosure highlighting the importance of natural assets to the mandate of Islands Trust and the services they provide for island communities, starting with the current fiscal year's annual financial reporting.
2. Islands Trust Conservancy Co-Chair, Sue-Ellen Fast and three staff attended the biennial Land Trust Alliance of BC Seminar Series. The ITC Manager co-presented with the Coastal Douglas-fir and Associated Ecosystems Conservation Partnership (CDFCP) regarding the CDFCP conservation planning tool.
3. Staff provided an update to the ITC Board regarding the status of the website renewal project and the integration of the ITC website into the Islands Trust site.

Activities by Local Trust Area/Island Municipality

Gambier

The Islands Trust Conservancy Board approved the Mount Artaban Nature Reserve Management Plan.

The Islands Trust Conservancy Board reviewed the Public Acquisitions Report for information. Discussion ensued on the Sandy Beach acquisition history and current project details.

North Pender

Islands Trust Conservancy Board directed staff to write a letter to the North Pender Island Local Trust Committee describing concerns regarding potential long-term impacts of contaminated runoff, and alternative designs such as containment of any point source runoff or spills related to a Temporary Use Permit extension application adjacent to the Medicine Beach Nature Sanctuary.

Please feel free to contact the Islands Trust Conservancy for more details.

Kate-Louise Stamford, Chair kstamford@islandstrust.bc.ca

Islands Trust Conservancy itcmail@islandstrust.bc.ca



Islands Trust Conservancy Report to Local Trust Committees and Bowen Island Municipality February 2020

Islands Trust Conservancy Board News

Please join us in welcoming Trustee Donald Clarke who has been appointed to the Conservancy Board for a two-year term. Trustee Clarke brings a wealth of professional knowledge and experience from his 25 years working in over 50 First Nations communities in political advising, negotiations administration, education, capacity building, strategic planning, Treaty rights, and in strengthening of local, social, economic and cultural development.

Islands Trust Conservancy Elections

Islands Trust Conservancy Board elected by acclamation the following:

Board Chair: Kate-Louise Stamford

Vice Chair: Sue Ellen Fast

ITC Representative to the Financial Planning Committee: Kate-Louise Stamford

Regional Conservation Plan Updates

The science-based and community-informed Regional Conservation Plan guides the work the Islands Trust Conservancy (ITC). The ITC continues to work towards four long-term goals and 25 objectives that further conservation in the entire Trust Area. For more information, visit www.islandstrustconservancy.ca/media/84821/itc_2018-11_rcp-2018-2027-web_final.pdf.

Goal 1 – Science-based Conservation Planning

Salish Sea Ecosystem Conference: Chair Stamford, Trustee Fenton and Trustee Hannon, as well as some staff, will be attending the Salish Sea Ecosystem Conference in Vancouver.

Mapping and Studies: The ITC is assisting Local Planning Services with mapping contiguous forests in the Islands Trust Area. The mapping will cover the whole of the region. The ITC has also contracted research to assist with property management issues arising from climate change.

Goal 2 – Strong relationships with First Nations

Islands Trust Conservancy Board directed staff to bring the Board recommendations regarding revision of the Vision Statement to be inclusive of Indigenous Peoples.

Goal 3 – Protection of core conservation areas

Property Management

Salish View Nature Reserve Management Plan: Islands Trust Conservancy Board approved the first Salish View Nature Reserve Management Plan dated January 17, 2020.

Land Acquisition and Covenants

The ITC continues to work on seven conservation covenants and two land acquisitions. Notable updates are found below in “activities by local trust area /island municipality.”

Goal 4 – A strong voice for nature conservation

Outreach: The ITC has reached out to landowners who have contacted us in the past about land conservation via twenty-eight letters, sent to nine local trust areas. The ITC is working with Trust Area Services and Local Planning Services to conduct outreach regarding mature and old forests and their importance and expects to send outreach letters to focus landowners in March 2020.

Fund Development Plan: The ITC Board approved a fund development plan for work that is not routinely funded by Trust Council.

Activities by Local Trust Area/Island Municipality

Denman – The ITC completed three community engagement processes for nature reserves on Denman. The ITC Board consented to change the location of the proposed wildlife viewing platform at the Settlement Lands Covenant, Denman Island, from the area proposed in the Covenant Agreement to the pollinator demonstration garden.

Gambier – The ITC is reviewing a transfer agreement with the Convention of Baptist Churches for the transfer of Sandy Beach on Gambier. There are several charges on the land title that need to be resolved before the transfer.

Lasqueti – The ITC approved the first Salish View Nature Reserve Management Plan dated January 17, 2020. The Management Plan will be posted on the website at <http://www.islandstrustconservancy.ca/protected-places/places-protected-in-the-islands/all/lasqueti-island/salish-view-nature-reserve/>

Thetis – The ITC, in collaboration with the Thetis Island Nature Conservancy, completed trail building on Fairyslipper Forest Nature Reserve. The ITC is now working to provide a safe public access to the nature reserve.

Salt Spring – The ITC approved an Opportunity Fund Grant of \$3,500 to be awarded to the Salt Spring Island Conservancy. The ITC is continuing to negotiate a covenant for 200 Collins Road.

Please feel free to contact the Islands Trust Conservancy for more details.

Kate-Louise Stamford, Chair kstamford@islandstrust.bc.ca

Islands Trust Conservancy itcmail@islandstrust.bc.ca

Executive Committee Acting as a Local Trust Committee (Ballenas-Winchelsea) Policies & Standing Resolutions

No	Meeting Date	Resolution No.	Issue	Policy
1.	May 19, 2015	EX-LTC-2015-007	Adoption of Minutes via RWM	It was MOVED and SECONDED that the Executive Committee acting as a Local Trust Committee (Ballenas-Winchelsea) request staff to issue an Resolution Without Meeting for adoption of the minutes on a regular basis.

Top Priorities Report

Ballenas-Winchelsea Islands

1. *Advocacy for the protection and appropriate use of Crown islets.*

Responsible

Dates

To work with Nanoose First Nation, provincial agencies and other agencies to facilitate appropriate public use of the islands.

Rec'd: 19-May-2015

- Coordinate a boat tour of the BW islands and islets inviting FN representatives, MABR members and Regional District Electoral Area representative.

2. *Nanoose First Nation Relationship Building.*

Responsible

Dates

- Coordinate BW meeting rotation at Nanoose FN meeting facility

Rec'd: 26-Jul-2011

3. *Implement the Protection of Coastal Douglas fir and Associated Ecosystems toolkit a*

Responsible

Dates

Review the OCP and LUB.

Rec'd: 12-Dec-2018

Projects Report

Ballenas-Winchelsea Islands

1. <i>Develop Educational Outreach</i>	Responsible	Date Received

06-Mar-2019