



File No.: SSI 6500-20
Watershed Management

DATE OF MEETING: December 6, 2018
TO: Salt Spring Island Local Trust Committee
FROM: Justine Starke, Island Planner
Local Planning Services
COPY: Salt Spring Island Watershed Protection Alliance
SUBJECT: Water Sustainability

RECOMMENDATIONS

1. THAT the Salt Spring Island Local Trust Committee retain Watershed Management as a top priority project under the new title, "Water Sustainability."
2. THAT the Salt Spring Island Local Trust Committee appoint one member as a representative on the Salt Spring Island Watershed Protection Alliance.
3. THAT the Salt Spring Island Local Trust Committee request the Salt Spring Island Watershed Protection Alliance provide input on the level of coordination required to achieve its objectives.
4. THAT the Salt Spring Island Local Trust Committee request staff to develop a tax requisition budget for coordination of the Salt Spring Island Watershed Protection Alliance (SSIWPA) in 2019-20 that reflects consultation with the SSIWPA Steering Committee.
5. THAT the Salt Spring Island Local Trust Committee request staff to schedule a community information meeting for early 2019 to consult the community on the property tax requisition for coordination of Salt Spring Island Watershed Protection Alliance in the 2019/20 fiscal year.
6. THAT the Salt Spring Island Local Trust Committee endorse the Salt Spring Island Water Sustainability Framework and attached as Appendix 1 to this staff report.
7. THAT the Salt Spring Island Local Trust Committee endorse the updated Project Charter 8.2 Groundwater Preservation (formally known as Groundwater Supply) as attached as Appendix 3 to this staff report.

REPORT SUMMARY

The purpose of this report is to update the Salt Spring Island Local Trust Committee (SSI LTC) on the coordination of the Salt Spring Island Watershed Protection Alliance, present the Salt Spring Island Water Sustainability Framework and recommend next steps for program implementation.

BACKGROUND

The Salt Spring Island Local Trust Committee (LTC) has been coordinating the Salt Spring Island Watershed Protection Alliance (SSIWPA) since 2013 using delegated authority from the Islands Trust Council (*Islands Trust Act*, Section 8(2)b, via Trust Council [Bylaw No. 154](#)). The Salt Spring Island Watershed Protection Alliance provides a forum to coordinate multiple jurisdictions in planning for freshwater sustainability and watershed protection on Salt Spring Island. The purpose of the Salt Spring Island Watershed Protection Alliance is to:

- *Provide a framework for freshwater resources in the Salt Spring Island Local Trust Area to be managed in a manner that integrates and considers both human and ecosystem needs through integrated planning, policy development and recommendations for implementation by member agencies and organizations;*
- *Advise on policies of regional, local and provincial government organizations that are related to freshwater resources; and*
- *Coordinate the implementation of those policies.*

SSIWPA was created in response to poor water quality advisories for St. Mary Lake, one of Salt Spring Island's most important water supplies. The primary goal of this project was originally to undertake a coordinated approach with government agencies who had influence to address lake water quality and quantity.

In the time since SSIWPA was created, it has coordinated an updated [St. Mary Lake Integrated Watershed Management Plan](#), shifted focus to the Cusheon Lake watershed, and expanded the scope of SSIWPA to include both groundwater resources and surface water resources as well as holistic watershed protection.. The [2017 Salt Spring Island Watershed Protection Alliance \(SSIWPA\) Annual Report](#) summarizes the work of SSIWPA last year.

Best practices in integrated watershed planning emphasises that holistic planning requires [adaptive management](#). In the spring/summer of 2018, SSIWPA was engaged in a strategic planning process to refine its work plan and ensure SSIWPA's work is relevant, implementable, and focused on goals that requires coordinated effort. The attached Salt Spring Island Water Sustainability Framework is result of this process; it is discussed in more detail below.

SSIWPA TERMS OF REFERENCE

- Another example of adaptive management, SSIWPA has been engaged with refining its Terms of Reference.
- The original Terms of Reference (ToR) were adopted by the SSIWPA Steering Committee and the SSI LTC in 2013 and updated in 2017. The most recent changes strengthen the foundation of SSIWPA by improving the clarity and purpose of its role.
- The 2017 SSIWPA [Terms of Reference](#) better clarifies the purpose and role of SSIWPA. Through this process SSIWPA changed its name from the Salt Spring Island Watershed Protection Authority to the Salt Spring Island Watershed Protection Alliance to make it clear that SSIWPA does not have actual authority but is a collaboration of agencies, each with individual authority conferred by Provincial legislation.
- The ToR also proposes to broaden the membership. This is still under consideration by SSIWPA. See the [SSIWPA agenda package for November 23, 2018](#) for more information.
- Once the membership has been resolved, the SSI LTC will be presented with the updated Terms of Reference for adoption.

NORTH SALT SPRING WATERWORKS DISTRICT

In October 2018, the North Salt Spring Waterworks District (NSSWD) Board voted to withdraw from participating as a member of SSIWPA Steering Committee. NSSWD has been active member of SSIWPA since its inception. As the major water purveyor for St. Mary Lake, NSSWD's participation in the St. Mary Lake Management Plan was been invaluable. NSSWD staff and elected officials contributed expertise to the Technical Working Group and Steering Committee and were strong voices in SSIWPA's Terms of Reference amendments. It is understood that NSSWD has limited staff resources to offer to SSIWPA. The contributions they offered throughout the development of SSIWPA is appreciated, and even though NSSWD will no longer be a part of SSIWPA coordination staff from member agencies can continue to communicate and collaborate with NSSWD as needed.

SPECIAL PROPERTY TAX REQUISITION

Coordination of SSIWPA is funded by the Local Trust Committee through a special property tax requisition. Pursuant to [Trust Council Policy 6.3.ii](#), an individual Local Trust Committee can request a special property tax requisition for additional operations that are not included within the general operations of all local trust committees. Special property tax requisitions are approved by Islands Trust Council and must be formally requested by resolution of the Local Trust Committee.

The \$98 500 property tax requisition is collected from the entire Salt Spring Island Local Trust Area in order to fund coordination of SSIWPA. Islands Trust property taxes represent about 12 per cent of the total property tax bill on Salt Spring Island. The amount of tax increase for individual property is based on a number of factors such as, mill rate, type of property etc., and may be different for each property. More information about how property taxes are calculated for Islands Trust Areas is available on the [website](#).

At the SSIWPA meeting of September 21, 2018, a motion for SSIWPA endorsement for the SSI LTC to pursue a tax requisition failed. There was not full attendance at the SSIWPA meeting and the vote resulted in a tie, which in accordance with Roberts Rules of Order, did not carry the motion. The rationale for those opposed was that the decision should wait for the newly elected SSIWPA representatives to be in place.

On October 18, 2018, the SSI LTC considered the following options:

1. Request a \$98 500 tax requisition as in previous years to provide resources sufficient for full time coordination.
2. Request a smaller tax requisition to enable administrative coordination of SSIWPA for less meetings (for example, 4 meetings/year).
3. Request Trust Council coordinate SSIWPA using staff from Trust Area Services (possible through the new service integration function being considered by Trust Council).
4. Request CRD coordinate SSIWPA.

The LTC passed the following resolution:

THAT the Salt Spring Island Local Trust Committee request a special property tax requisition for up to \$98,500 from the Salt Spring Island Local Trust Area in the 2019/2020 fiscal year, subject to Trust Council Policy 6.3.ii, in order to fund coordination of watershed management on Salt Spring Island, using the powers delegated to the Salt Spring Island Local Trust Committee by Trust Council Bylaw No. 154.

The rationale of the outgoing LTC was to leave options for the incoming LTC to consider, including the option of a tax requisition to continue coordination of SSIWPA. Trust Council policy requires lead time to achieve the various levels of budget approvals (see policy 6.3ii), and the Islands Trust budget process is underway now. The LTC needs to submit a budget to Trust Council in accordance with Policy 6.3ii. The LTC may want to explore other options, including those listed above, in the development of this budget. SSIWPA should be consulted on the level of coordination the steering committee thinks is required to fulfill its current objectives (quarterly versus monthly meetings, full time versus part time coordination, coordination versus administration, administrative assistance for the working groups, etc).

SALT SPRING ISLAND WATER SUSTAINABILITY FRAMEWORK

SSIWPA undertook a strategic planning process in spring 2018 to consider the objectives of the integrated freshwater management program (IFWMP), agree on tasks requiring coordination, and develop a new work plan/framework for short, medium and long term projects. This involved a series of strategic planning workshops led by facilitator and hydrogeologist Mike Wei who has recently retired from his position as the Head of Aquifer and Watershed Science at the *BC Ministry of Environment and Climate Change Strategy*. The process involved participation by the SSIWPA steering committee and its advisory groups (the Technical Working Group and the Conservation and Efficiency Working Group), as well as staff from the various agencies.

The Salt Spring Island Water Sustainability Framework is attached as Appendix 1, which was approved in principle by the SSIWPA steering committee on November 23, 2018. The draft framework with current and proposed projects is provided in Appendix 2. These projects will be evaluated by the Technical Working Group and member agencies. The framework will be amended, with projects added, changed, or removed. Amendments will be forwarded to the LTC with the likely recommendation for staff to report back with land use planning projects and other policy projects that align with the Salt Spring Island Water Sustainability Framework.

SSI LTC WORK PROGRAM

The SSI LTC has two roles with SSIWPA:

- Coordination role - using delegated authority, the LTC funds coordination of SSIWPA and enables the group's administrative functions.
- Land Use Planning – as a member agency of SSIWPA, the SSI LTC uses its land use planning function to contribute to the work of SSIWPA; this work then informs the SSI LTC's land use planning.

The SSI property tax requisition funds coordination of SSIWPA, and use of this funding is limited to that. SSIWPA project work needs other funding streams if it is to be undertaken. Project funding comes as contributions from member agencies in “pooling of resources,” as well as from grants and donations. In the past, the LTC has also contributed project funding for work or contracts related to land use planning. Other agencies have also contributed and pooled resources for specific projects. For example, the *Groundwater Wells Monitoring Pilot* received a grant from the Real Estate Foundation as well as pooled resources from partnering agencies.

It is important to note that SSIWPA is not a corporate body and cannot administer funding of its programs (it cannot have a bank account). As part of the coordination service, Islands Trust receives and administers all SSIWPA funding.

Implementation of SSIWPA's work plan must be by individual member agencies. This is the core of the coordination function: to have SSIWPA correctly identify and agree on goals that have the potential of being implemented by member agencies, and then by recommendation of SSIWPA, advancement of the deliverables by agency representatives within each organization. The Local Trust Committee has a role in developing the land use policies and regulations identified in the framework. If the LTC would like to advance this work, it should continue to prioritise it as a long range planning priority. (Water sustainability planning could be compatible with other environmental protection objectives such as protecting groundwater recharge areas, protecting Coastal Douglas-fir ecosystems, managing GHG emissions/carbon storage, and managing storm water runoff which in turn protects sensitive marine ecosystems). Next steps would be to request staff bring recommendations for land use planning projects and other policy projects that align with the Salt Spring Island Water Sustainability Framework, and to include project scoping, timelines and budget (project charters).

Previously, this work program has been called "Watershed Management." The land use planning tools available to the LTC enable regulation and protection of the environment, including watersheds. Other tools under the Provincial Water Sustainability Act may become available. To capture this scope, the work should be renamed "Water Sustainability," and should continue to be a top priority over the next term. Project Charters can be developed for individual projects endorsed through the SSIWPA watershed protection framework.

GROUNDWATER PRESERVATION PROJECT

Ongoing projects benefiting from SSIWPA coordination include the [Salt Spring Groundwater Wells Inventory](#) and the [Salt Spring Island Groundwater Wells Monitoring Project](#) that are under the SSILTC Project Charter Watershed Management - Groundwater Supply. The project was funded in part by the SSI LTC matching a grant from the Real Estate Foundation of BC, and the Aquifer Mapping and Monthly Groundwater Budget Analysis for Aquifers on Salt Spring Island by Golder Associates Ltd.; funded and led by the Ministry of Forest, Lands, Natural Resources and Rural Development benefited by SSIWPA coordination. Attached in this staff report is an update and renaming of the Groundwater Supply project charter to "Groundwater Preservation" to address updates to the project scope and to include lake level monitoring and support other hydrometric monitoring initiatives, which are important parameters for determining groundwater supply and aquifer budgets.

PUBLIC CONSULTATION

The Local Trust Committee should set aside time in early 2019 to engage in community consultation on SSIWPA's work and the tax requisition. In accordance with Policy 6.2ii, the LTC has a responsibility to solicit feedback from the public on the tax requisition. This can be approached in different ways – in the first year, the LTC engaged the community extensively on the purpose and cost of the special tax requisition. In following years, the consultation was often channeled through the annual public consultation of Trust Council's over all budget. Given the new political term, the strong SSIWPA work program, and the possibility to take a different approach, it is timely for the LTC to hold a meeting for general feedback from the community.

SUMMARY

The Salt Spring Island Local Trust Committee has been delegated the authority to coordinate the Salt Spring Island Watershed Protection Alliance. On behalf of the SSI LTC, Islands Trust Council raises a special property tax

requisition to fund SSIWPA coordination as an additional operation of the SSI LTC. Islands Trust staff and administration provides essential work to ensure the successful coordination of SSIWPA by the Salt Spring Island Local Trust Committee. Public consultation on the SSI LTC special property tax requisition should be scheduled for the New Year. The LTC should also endorse the Salt Spring Island Water Sustainability Framework and continue to pursue Water Sustainability as a top priority work program. The LTC will have to prioritize long range planning resources to advance these objectives.

RATIONALE FOR RECOMMENDATION

The recommendations in this report will build on the community’s existing investment in coordinated watershed protection on Salt Spring Island. Through stakeholder and community consultation, the LTC may receive additional information to support the status quo or to guide consideration of a different approach for coordinating watershed protection across multiple jurisdictions.

ALTERNATIVES

The LTC may consider the following alternatives to the staff recommendation:

1. THAT the Salt Spring Island Local Trust Committee withdraw the request to Islands Trust Council for a property tax requisition for the 2019-20 fiscal year.
 - This would mean that LTC coordination of SSIWPA would only be funded until March 31, 2019.

NEXT STEPS



1. Request input from SSIWPA on coordination for 2019-20 to inform the LTC budget associated with the property tax requisition request.
2. Schedule a community information meeting for early in the New Year that coordinates with the timelines for Trust Council’s 2019-2020 budget consultation.
3. Request staff bring recommendations for land use planning projects and other policy projects that align with the Salt Spring Island Water Sustainability Framework, and to include project scoping, timelines and budget (project charters).

Submitted By:	Justine Starke, Island Planner	November 21, 2018
Concurrence:	Stefan Cermak, Regional Planning Manager	November 28, 2018

ATTACHMENTS

1. Salt Spring Island Water Sustainability Framework
2. Draft Salt Spring Island Water Sustainability Framework with Identified Projects
3. Project Charter 8.2: Watershed Management – Groundwater Preservation Project

Salt Spring Island Water Sustainability Framework											
<p>Purpose: Provide a framework for freshwater resources in the Salt Spring Island Local Trust Area to be managed in a manner that integrates and considers both human and ecosystem needs through integrated planning, policy development and recommendations for implementation by member agencies and organizations; Advise on policies of regional, local and provincial government organizations that are related to freshwater resources; and coordinate the implementation of those policies.</p>											
Watershed Protection					Freshwater Preservation						
<p>Watershed Protection addresses information and monitoring needs to protect watershed amenities and natural function to support freshwater resources and ecosystem health through evidence-based policies and outreach.</p>					<p>Freshwater Preservation addresses information and monitoring needs in a complex jurisdictional landscape through policies and outreach to sustain current water use and assist in planning for a freshwater future in a changing climate.</p>						
Freshwater Subjects											
Lakes	Streams	Stormwater	Springs, Ponds, and Wetlands	Forest Ecology	Aquifers	Rainwater Resources	Surface Water Resources	Groundwater Resources	Conservation and Efficiency	Water Treatment	?
Information Inventory and Data Stewardship											
Monitoring and Analysis											
Policy and Planning											
Outreach and Education											

	<h2>Salt Spring Island Water Sustainability Framework</h2>										
	<p>Purpose: Provide a framework for freshwater resources in the Salt Spring Island Local Trust Area to be managed in a manner that integrates and considers both human and ecosystem needs through integrated planning, policy development and recommendations for implementation by member agencies and organizations; Advise on policies of regional, local and provincial government organizations that are related to freshwater resources; and coordinate the implementation of those policies.</p>										
	<h3>Watershed Protection</h3>					<h3>Freshwater Preservation</h3>					
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<p>Version 2018.002 Updated on November 27, 2018</p>	<h3>Watershed Amenities</h3>										
	Lakes	Streams	Stormwater	Springs, Ponds, and Wetlands	Forest Ecology	Aquifers	Rainwater Resources	Surface Water Resources	Groundwater Resources	Conservation and Efficiency	Water Treatment
<h3>Information Inventory and Data Stewardship</h3>	Drainage Area Mapping	Stream mapping	Storm water drainage mapping	Spring Inventory	Significant Tree Inventory	Aquifer Mapping	Meteorological data inventory	Agricultural Land Use Inventory	Groundwater Wells Inventory	Conservation Techniques Inventory	
	Lake Level Data Inventory		Storm water outlet identification	Wetland Inventory	Ecosystem mapping		Rainwater user inventory	Small system data inventory	Small system use inventory	Conservation Framework Review	
	Lake Quality Data Inventory			Wet areas mapping	Forest Health mapping			Domestic and Non-domestic Water Use Inventory		Stormwater and wastewater inventory	
	Water Level Monitoring	Stream flow and quality monitoring	Stormwater Quality	Seasonal Water Level Monitoring		Aquifer Monthly Budget Analysis	Rainwater capture efficiency analysis	Agricultural Water Demand Model	Groundwater Monitoring Pilot Project	Consumption Pattern Analysis	
<h3>Monitoring and Analysis</h3>	Water Quality Monitoring				Well Capture Zone Analysis	Precipitation Analysis	Watershed Monthly Budget Analysis		Dwelling Unit vs. Occupancy Volumes		
	Lake Nutrient Loading Assessment										
<h3>Policy and Planning</h3>	DP44 Lakes, Streams, Wetlands Review										
	Official Community Plan Review: Subdivision, Chng. Density, and Land-use Planning										
						DPAS Community Well Capture Review	Rainwater storage engineering standards	Review of Water Allocation Licenses	Review of Water Allocation Licenses	Demand Side Management	
<h3>Outreach and Education</h3>					State of Aquifer Report	Rainwater Harvesting Standards	Review of Water Supply Bylaws and Standards	Review of Water Supply Bylaws and Standards	OCS & LUB Review: Enabling Regulations		
		Wetland Awareness			State of Aquifer Report	Rainwater Harvesting Tour			Groundwater Licensing Info		
		Streamside living awareness			Groundwater Protection Toolkit						
	Stream keepers										
<p>Note: Project subject to change</p>											

Watershed Management: Groundwater Preservation Project

Project Charter v8.2

Attachment 3

Salt Spring Island Local Trust Committee

Date: November 29, 2018

Purpose

The project addresses the need for information about groundwater conditions for land use planning decisions and resource management to preserve groundwater resources now and in the future. It addresses the need for expansion of long term monitoring of groundwater conditions presently provided by the three Provincial observation wells. Using its land use planning function, the SSI LTC is supporting this work by coordinating a groundwater well inventory and monitoring program, through contract and project management, matching funding, coordinating with other governments, and making application for a Real Estate Foundation grant to create a locally managed groundwater inventory and monitoring pilot program. To identify trends in groundwater resources, surface water resources are required to be inventoried and monitored including installation of lake level monitoring stations and supporting other monitoring initiatives such as the Salt Spring Island Freshwater Catalogue and stream discharge monitoring by the Province.

Background

The Salt Spring Local Trust Committee has advanced watershed protection as a top priority including coordinating the Salt Spring Island Watershed Protection Alliance (SSIWPA). To inform groundwater resource management decisions; evidence-based land-use planning and other coordinated policies are required for effective aquifer protection and groundwater preservation. Through the SSIWPA strategic planning process in 2018, the Salt Spring Island Water Sustainability Framework was established to address projects relating to *Watershed Protection* and *Freshwater Preservation* identifying aquifers as a watershed amenities and groundwater resources as a primary consideration for freshwater preservation. The Ministry of Forest Lands and Natural Resources (FLNRO) is an active member of SSIWPA also that has funded a two year program to revise the aquifer mapping (2016-17) and develop a groundwater budget (2017-18), with outcomes linked and benefited by the wells inventory and groundwater monitoring pilot. The CRD is an active member in SSIWPA and is supporting surface water data collecting which is an essential variable for determining aquifer groundwater supply.

Objectives

- Inventory groundwater quantity and quality information to inform land use planning decisions.
- Identify priority areas for the wells inventory and groundwater monitoring program.
- Supplement existing Provincial GWELLS inventory.
- Inventory and review well reports on file at Islands Trust and survey targeted private well owners.
- Receive Real Estate Foundation grant for groundwater monitoring pilot program.
- Establish a community well monitoring program to supplement provincial observation well network.
- Identify locations for surface water monitoring including lake level monitoring stations.

In Scope

- Coordination with various Islands Trust staff, FLNRO staff and SSIWPA coordinator.
- Procurement and contract management for well data review, inventory, and well-owner survey.
- Map project results; cross reference well data to WELLS database and enter new records.
- SSI LTC application to Real Estate Foundation.
- Pilot program to monitor changes in groundwater level for 10-12 groundwater wells
- Pilot program to monitor changes in lake levels.
- Investigation of long-term monitoring strategy
- Investigation of policies and planning strategies with respect to groundwater preservation

Out of Scope

- Quantification of groundwater use or demand.
- No consumption metering
- Monitoring wells outside of identified priority areas.

Project Team

Justine Starke, IT Island Planner	Islands Trust Project Manager
William Shulba, IT Freshwater Specialist	Technical Project Lead
Mike Richards, IT Grants Administrator	Grant Administrator and REF BC contact
Mark Van Bakel, IT GIS Coordinator	Mapping
Contractor	Data collection & collation/ surveys/analysis/field work
Shannon Cowan, SSIWPA Coordinator	Project coordinator
Sylvia Barroso, FLNRO staff/TWG member	FLNRO/TWG Project Lead

Budget

Budget Source: SSI LTC Watershed Management - 4014

Fiscal	Item	Cost
2017-18	Well inventory and survey	16 000.00
2017-18	Advertising for contractor	200.00
2017-18	REF BC—Matching Funds for Groundwater Monitoring	1 800.00
2017-18	Total (already allocated)	18 000.00

RPM Approval:

Stefan Cermak

Date: November, 29, 2018

LTC Endorsement:

Resolution #:

Date:

Work plan Overview

Deliverable/Milestone	Lead	Staff Time	Target Date
Process to issue contract the well inventory/survey.	Justine Starke, William Shulba, Nancy Roggers, Islands Trust; Shannon Cowan, SSIWPA; Sylvia Barroso, FLNRO; .	14 hours	Complete
Project management, coordination between leads.	Justine Starke, Island Planner and Shannon Cowan, SSIWPA.	35 hours	On-going
Identify priority areas for inventory and monitoring.	Justine Starke, Islands Trust; William Shulba, Islands Trust; Shannon Cowan, SSIWPA; Sylvia Barroso, FLNRO	2 hours	Complete
Wells Inventory: Review of Islands Trust well reports, survey of well owners, data gathering and compilation.	Contractor, supervised by Sylvia Barroso, (FLNRO); coordinated by Shannon Cowan (SSIWPA), IT file orientation by SSI Staff.	2 hours (SSI Staff)	Complete
Final well inventory and report to Local Trust Committee	Contractor with assistance from: Justine Starke, Islands Trust; William Shulba, Islands Trust; Shannon Cowan, SSIWPA; Sylvia Barroso, FLNRO	14 hours	Complete
Facilitate Real Estate Foundation Grant Application	Justine Starke/Shannon Cowan (SSIWPA) /Mike Richards (Islands Trust)	5 hours	Complete
Evaluate List of Potential Monitoring Locations.	Justine Starke, Islands Trust; William Shulba, Islands Trust; Shannon Cowan, SSIWPA; Sylvia Barroso, FLNRO	1 hour	Complete
Establish agreements with well owners and dock owners for monitoring.	Justine Starke, Islands Trust; William Shulba, Islands Trust; Shannon Cowan, SSIWPA; Sylvia Barroso, FLNRO	7 hours	May 2018— Dec 2018
Fieldwork to install monitoring equipment.	William Shulba, Islands Trust	100	Aug 2018— Dec 2018
Data collection, transfer and analysis.	William Shulba, Islands Trust	100	Spring 2018— Dec 2019
Process and interpret data.	Contractor supervised by: William Shulba, Islands Trust	100	After 4-6 months of data collection at regular intervals.
GIS Data Input and Analysis	Islands Trust GIS Staff in consultation with Sylvia Barroso, FLNRO and William Shulba, Islands Trust	Freshwater specialist : 100 hrs	November, 2019
Identification of local agency to house and manage monitoring program over time.	Justine Starke, Island Planner	21 hours	November 2019.
Final Project Report and presentation of work result to Salt Spring Island Local Trust Committee.	Justine Starke, Islands Trust; William Shulba, Islands Trust; Shannon Cowan, SSIWPA; Sylvia Barroso, FLNRO	7 hours	Update before Oct 31 2018; Final Dec 3, 2019.
		TOTAL: 508 hours	