



Salt Spring Island Watershed Protection Authority

Special Meeting Draft Agenda

Date of Meeting: Monday February 6, 2017 10am - 12pm

Location: Salt Spring Island, B.C.

1. CALL TO ORDER

2. APPROVAL OF AGENDA

3. BUSINESS ITEMS

3.1 Workplan

3.1.1 Deliverables for the IWM Program: *attached*

to be considered for approval, as a skeleton for workplan action areas

3.1.2 Supporting documents for discussion: *attached*

i) Workplan "parking lot" items

ii) Projects or deliverables with potential for grant funding

4. OTHER BUSINESS

4.1 Comments or questions from the public

5. ADJOURNMENT

<i>IWM Objective</i>	<i>no.</i>	<i>Deliverables</i>	<i>Working group</i>	<i>2017-18</i>	<i>2018-2020</i>	<i>2020-2025</i>	<i>Agency to implement</i>
Quantify renewable resource	1	Sustainable yield analysis results for surface resources - reports	TWG	SML, MAX	CLW, WW	STW, BLW, FLW	FLNRO, LTC
	2	Assessment of climate impacts and mitigation within sustainable yield models- reports	TWG	SML, MAX	CLW, WW	STW, BLW, FLW	LTC
	3	Hydrological data collection (levels, flows, meteorological) - data files, reports (to fill gaps)	TWG	SML, MAX, CLW	WW	others	FLNRO
	4	Water supply/utilization analysis - GIS dBase and reports (parcel ID level)	TWG	start	✓	ongoing	LTC
	5	Groundwater monitoring program	TWG, CEWG	start	✓	ongoing	FLNRO
	6	Agricultural water use survey - report (part of Land Use Inventory)	AGRI	✓			AGRI
	7a	Geospatial results: aquifer mapping, conceptual models, hydrostratigraphic interpretations - reports (w/ groundwater literature review)	GOLDER	✓			FLNRO
	7b	Aquifer water budgets (coarse scale: island in 3 'aquifer' units)	GOLDER	start	✓		FLNRO
Optimize resource efficiency	8	Conservation technological options assessment reports (phases 1-3)	CEWG	✓			LTC, CRD
	8a	Efficiency of rain harvesting and storage alternatives, case examples - report	CEWG (RRU)	✓			LTC, CRD
	8b	Efficiency of reclaimed greywater recycling alternatives, case examples - report	CEWG	✓			LTC, CRD
	8c	Feasibility of alternative conservation technologies in local regulatory framework (incentives) - report	CEWG	✓			LTC, CRD
Quality	10	Collaborative Water Quality Monitoring Program	TWG	CLW			CRD-Beddis
Long Term Goal	11	Island-scale water budget and water sustainability plan	TWG, CEWG			✓	LTC

Complimentary goals, parking lot items

Exploratory example: Water Conservation Outreach in Elementary School(s) - Infrastructure and Curriculum (Rainwater harvesting for Report to characterize stressed surface supply areas, or stressed gw supply areas

Water Sustainability Plan/ Water Use plan for the island

Grant proposal possibilities

	Project	Detail	Deliverable
1	Lake level and stream flow - Cusheon Watershed	Hire local contractor to collect samples (environmental scientist); funding for equipment and data contract; design, analysis, data management TWG	3- Flow and water level report/contribute to hydrology
2	Groundwater Monitoring Program	Combine TWG, CEWG objectives. indiv. well owners (incl. inactive wells); data: water table change over time (plus other factors, TWG and FLNRO), and flow rate and usage data (CEWG); provide onsite inspections for well head protection, cross-reference and correlate to well records in the WELLS database,; student or contractor to do the work, FLNRO/MOE support for training, TWG and CEWG to design, analyse and manage data	5- GIS dBase and reports (LTC)
3	Reclaimed greywater recycling feasibility pilot study	Ian Peace to provide pilot study idea, for indirect system with Ganges Sew	8b- Conservation & Efficiency options assessment