



**Salt Spring Island
Watershed Protection Authority**
Special Meeting Agenda
- DRAFT -

Date of Meeting: Friday, February 2nd, 2018 10:00 am - 12:00 pm

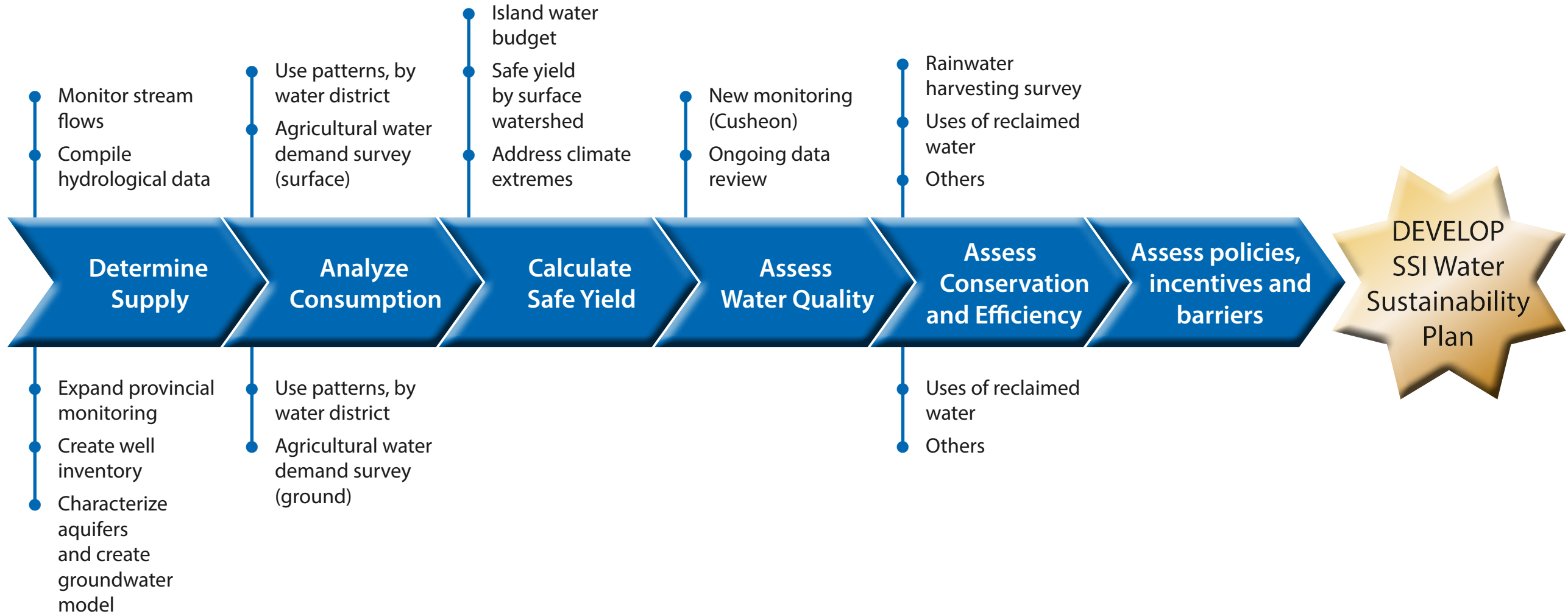
Location: School District Portable, 112 Rainbow Rd, Salt Spring Island, B.C.

- 1. CALL TO ORDER**
- 2. APPROVAL OF AGENDA**
- 3. BUSINESS ITEMS**
 - 3.1 Workplan Flowchart - *attached for information***
 - 3.2 Integrated Water Management Program Objectives (review)**
- facilitated discussion (Coordinator)
 - 3.2.1 Propose name change to**
"Integrated Freshwater Management Program, IFWM "
 - 3.3 2018-19 Workplan (a high level view): Draft for discussion - *attach (1p)***
 - 3.4 2017-18 Workplan Deliverables Status - *attached (2pp)***
 - 3.5 2018-19 SSIWPA Project Budget: Draft for discussion - *attached (Attachment pending)***
- 4. OTHER BUSINESS**
- 5. UPCOMING MEETINGS**

Steering Committee Monthly Meeting - Friday February 16, 2018
- 6. ADJOURNMENT**

Integrated Water Management Program Workplan

Surface Water Sources



Ground Water Sources

2018-19 IFWM Workplan Actions - High Level

2018-19 IFWM Workplan Actions - High Level						
	Lead Agency	2018-19	2017-18	Deliverable		WG review
Program Area 1: Water Resources Inventory and Monitoring						
Surface	Monitoring - Hydrometric					
	Maxwell Lake Watershed	NSSWD	✓		data	
	Cusheon Lake (CLW)	CRD-Beddis	✓	✓	data	
	Fulford Creek (FLW)	FLNR	✓	✓	data	
	Minor streams	FLNR	✓	✓	data	
	Monitoring - Quality and nutrient analysis					
	SML	NSSWD	✓	✓	data	
	MAX	NSSWD	✓	✓	data	
	Cusheon L (turbidity only)	CRD-Beddis	✓	✓	data	
	Cusheon L *nutrient sampling	CRD-Beddis	✓		data	TWG
	Soil Phosphorus pilot	TWG	✓	✓	report, data	TWG
	Agricultural Water Demand					
	AGRI			✓	report, data	TWG
	Ground	Wells Inventory				
IT, FLNR			✓	✓	report, data	TWG
Wells Field Survey						
IT, FLNR		✓		report, data	TWG	
GW Monitoring Pilot						
IT, FLNR		✓		report, data	TWG	
Program Area 2: Island Water Resource Balance & Analyses						
Safe Yield Analysis						
SML	NSSWD		✓	report		
MAX	NSSWD	✓		report		
Cusheon (CLW)	CRD	✓		report		
Aquifer Maps & GW Budgets						
FLNR, ENV		✓	✓	report, data	TWG	
Island-Wide Water Balance and Risk Assessment						
Integrate AWDM results		✓				
Integrate GW Budget results		✓				
Integrate Safe Yield Report results, by watershed				2019-20		
Integrate CEWG results		✓		policy, incentives	CEWG	
Integrate GW monitoring				2019-20		
Program Area 3: Conservation and Efficiency						
Conservation Technology Inventory						
CEWG			✓	report	?	
Program Area 4: Integrated Management Planning (IFWMP)						
2020-2021 - island-wide water balance completed, planning begins						

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		√- achieved	* complete by end fiscal	x- not started	
task	Project or Task area	Who Acted	2017-18	status	Deliverables
Quantify renewable resource					
1	Safe yield analysis	NSSWD consultant	SML	*	report pending
1	Safe yield analysis	NSSWD consultant	MAX	*	report pending
3	Hydrological stream data	NSSWD consultant	SML, MAX	*	report pending
3	Hydrological stream data	FLNR, volunteers	Bullock, Cusheon, Fulford, Ganges, McFadden, Reid	✓	datashared w task 7 consultant
4	Water supply&utilization (PID scale)	x		x	not started
5	Community Water District production and usage	FLNR, Coord		✓	wells inventoried, production and usage data 2007-current; FLNR,datashared task 7
5	Groundwater monitoring pilot	IT & FLNR			REFBC grant 12/17; scope of work refined
5	Well Inventory (targeted)	IT, Coord		✓	report pending -IT Desktop inventory of subdivision wells data
5	Well Survey (field portion)	IT & FLNR		x	shifted timeline
6	Agricultural water demand model	AGRI		✓	ALUI and AWDM reports (datashared task 7)

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✓ - achieved

* complete by end fiscal x- not started

<i>task</i>	<i>Project or Task area</i>	<i>Who Acted</i>	<i>2017-18</i>	<i>status</i>	<i>Deliverables</i>
7a	Groundwater Aquifer Mapping	(FLNR-ENV) consultant		✓	report draft Phase 1 (04/17)
7b	Groundwater Budgets	(FLNR-ENV) consultant	start	*	report Phase 2 pending
Optimize resource efficiency					
8	Inventory & assess conservation technologies	CEWG		*	report pending
8a	Rain harvesting and storage alternatives, detailed assessment and case studies	CEWG (RRU)		✓	complete RRU, pending CEWG report
8b	Reclaimed water alternatives	CEWG		*	report pending
8c	Incentives and barriers to conservation technologies in local regulatory framework	CEWG		x	
Monitor Quality					
10	Lake Water Quality Monitoring	TWG	CLW	x	
10	Lake Water Quality Monitoring	NSSWD	SML, MAX	✓	monthly reports to SSIWPA
Primary Long Term Goal					
11	Island-scale Integrated Fresh Water Management Plan (IFWMP)				

note: Task 2 (Climate impacts assessment) was included within Task 1 deliverables