

10-Year Workplan Summary- RDN Drinking Water and Watershed Protection

****NOTE: all initiatives are subject to partnerships and guidance from the TAC and Interdepartmental partners. This is based on best estimate with current understanding and is subject to revision and refinement as more information becomes available.

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RDN Partner Dept.	DWWP Theme	DWWP Initiative (* = continuing; ^ = new)	Action Detail by Year (>> = ongoing; / = not planned for that year)											
			2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	
Communications Parks Planning Water Ops Water Ops	Water Awareness and Stewardship	5.1.1 Community Based Social Marketing (CBSM) review / redesign of outreach programs ^	Develop	Implement	/	/	/	/	Review	Implement changes	/	/	/	/
		5.1.1 Public research survey for benchmarking on water behaviours, perspectives and priorities ^	Benchmark survey	/	/	/	/	Progress survey	/	/	/	/	/	Survey
		5.1.1 Multimedia outreach^	Video series	/	Additional media	/	Update videos	/	/	>>	/	>>	/	/
		5.1.1 Demonstration sites / interpretive signage^	Craig Creek, Millstone	Other sites	/	Other sites	/	>>	/	>>	/	>>	/	/
		5.1.1 Youth water leadership engagement^	/	Pilot	/	Scale up as appropriate	/	/	/	/	/	/	/	/
		5.1.1 Team WaterSmart tours, community events, workshops, school materials, irrigation check-ups*	Continuing community presence	With CBSM re-design	>>	>>	>>	>>	>>	>>	>>	>>	>>	>>
		5.1.2 Expand existing rebate programs*^	12% increase	Another increment increase	Review	>>	>>	Review	>>	>>	Review	>>	>>	>>
		5.1.2 Explore new rebate for water flow meters for wells^	/	Develop	Pilot	/	Scale up as appropriate	/	/	/	/	/	/	/
		5.1.3 Agricultural sector outreach^	Develop (momentum with other initiatives)	Implement	>>	>>	Review	/	/	/	/	/	/	/
		5.1.3 ICI sector outreach^	/	/	/	Pilot	/	Scale up as appropriate	/	/	/	/	/	/
		5.1.4 Expand seedfunding for restoration projects*^	15% increase	Another increment increase	>>	>>	>>	>>	>>	>>	>>	>>	>>	>>
		5.1.4 Water stewardship organizations networking opportunities^	/	Pilot	/	Continue as appropriate	/	>>	/	/	/	/	/	/
		5.1.5 Support regional water conservation plans*	Staff time to support RDN & City of Nanaimo	/	/	/	/	Renew plans	/	/	/	/	/	Renew plans
		5.1.5 Coordinate regional watering restrictions communications	Staff time	Staff Time	Staff Time	Staff Time	Staff Time	>>	>>	>>	>>	>>	>>	>>
		5.1.5 Support small water systems with annual working group session*	Annual event	Annual Event	Annual Event	Annual Event	Review	Continue as appropriate	/	/	/	/	/	/
5.1.6 Participate in and coordinate advisory committees*	Continue hosting Technical Advisory Committee / Update Terms of Ref.	/	/	>>	>>	Review ToR	>>	>>	>>	>>	>>	>>		

IT Parks Wastewater GIS Communications Planning /Wastewater	Water Science and Information	5.2.1 Maintain regional surface water (CWMN) and groundwater (VOW) monitoring*	Cont. to maintain eqpmt & coord. network	Equip. replacement plan	>>	>>	>>	>>	>>	>>	>>	>>	>>
		5.2.1 Hydrometric and climate monitoring partnerships*	Annual operating costs	>>	>>	>>	>>	>>	>>	>>	>>	>>	>>
		5.2.1 Data management *^	Subscription to software and implementing data mgmt framework	>>	>>	>>	>>	>>	>>	>>	>>	>>	>>
		5.2.1 Explore potential for Benthic Invertebrate Monitoring (ie. CABIN)^	Pilot	Wider pilot	/	Continue as appropriate	/	/	/	/	/	/	/
		5.2.1 Wetland monitoring and mapping *^	Yr 5 of VIU Research Agreement	Explore long term options	/	Continue as appropriate	/	/	/	/	/	/	/
		5.2.2 Water budget phase 3*	/	French Creek Phase 3 WB	/	Cedar -YP Phase 3	/	Little Q. ?	/	Update / re-run models	>>	/	/
		5.2.2 Surface water trend analysis*	/	/	Yes	/	/	Yes	/	/	/	/	Yes
		5.2.2 Groundwater trend analysis*	/	Yes	Area E - CWF	/	Yes	/	/	/	/	Yes	/
		5.2.2 Quantifying ecosystem services via ecological accounting pilot (in partnership with PWSBC)^	Millstone watershed	Other watershed	/	>>	Continue as appropriate	/	/	/	/	/	/
		5.2.2 Snowpack modelling^	Start	Yr 2	Yr 3	Yr 4	Yr 5	Continue as appropriate	/	/	/	/	/
		5.2.2 Water balance modelling (rainwater management)	/	/	Yes - priority area identified by RWG	/	Other area	/	>>	/	>>	/	/
		5.2.3 Interactive water map(s)*^	Working with GIS dept	>>	>>	>>	>>	>>	>>	>>	>>	>>	>>
		5.2.3 Data visualization through dynamic graphs^	Surface water quality graphs	Groundwater level graphs	Integrated graphs	/	>>	>>	>>	>>	>>	>>	>>
		5.2.3 Publications*^	/	Yes	/	Yes	/	Yes	/	Yes	/	Yes	/
		5.2.4 Develop watershed performance targets for priority water region^	French Creek	/	/	/	Other area	/	/	Other area	/	/	Other area

Planning	Water-centric Planning	5.3.1 Integrating water information into key long-range planning processes*^	RGS, Area F OCP	*Base funding for studies and assessments included; will be refined as more information becomes available on project locations and timing									
Planning		5.3.1 Provide regional water information to inform referrals from Current Planning and the Province*	Staff time & some funds for external review	>>	>>	>>	Continue as appropriate	/	/	/	/	/	
Emergency Services		5.3.1 Provide regional water information to inform Emergency Services operations*	Staff time	Staff Time	Staff Time	Staff Time	Staff Time	>>	>>	>>	>>	>>	
Planning /Wastewater		5.3.1 Develop a regional rainwater management strategy^	Discuss with rainwater working group (RWG)	Develop	implement	>>	>>	>>	>>	>>	>>	>>	
Planning		5.3.2 Best practices and policy research*^	/	Water governance models	* Discuss with Planning, how could this align best and what are priorities								