

Nicola Water Management Tool
Opportunities heard at the refresher session
Sept 15, 2021

The following opportunities arose during the session. Note that there wasn't agreement on any of these, nor were they prioritized. Some are likely more feasible than others.

Ideas – technical	Who raised it
Bring into NWMT select products from the NWGP project, esp. explore opportunities to prioritize additional objectives and performance indicators or tweaking of existing objectives (where location and threshold information can be agreed upon) <ul style="list-style-type: none"> • Add an objective for burbot, an important food source – clarify the quantifiable part through Indigenous knowledge/STC fisheries staff 	Leona, Mike, Crystal
Critical to have necessary input datasets to improve RFC and other inflow forecasts. Requires more snow and precipitation monitoring – real time stations, snowpack measurements, monitoring data from SFU or STC. <ul style="list-style-type: none"> • Utilize NVIT students or Indigenous guardians for manual snowpack monitoring, feed into the model input 	Tracy, Sheena, Sarah, Leona, Mike
Add Indigenous place names to the NWMT maps, enable Indigenous communities to better see themselves in the tool. This involves finding creative ways to add <i>qualitative</i> data for cultural values. <ul style="list-style-type: none"> • Consider adding cultural values as embedded stories (videos from elders and community members about special places, species, etc.) embedded in the tool and maps. • Add more logos and indigenous art to pages on NWMT. • Users log in and provide photo or avatar that represent them? • Other ideas? 	Angie, Clint
Add an “optimization” function to speed identification of best-balance dam releases which would speed things up for users. (This would replace existing initialization button which calculates the all year average weekly dam releases without consideration of current year inflow forecasts).	Lynda
Do the Mamit Lake dam addition to the tool (LNIB resistant staff person is now gone)	Leona
Continue to quality control/consistency on various data sets brought in via the new dashboard	Sarah, ESSA
Utilize the ag water demand model more fully to support or provide rationale for regional drought decisions aimed at irrigators	Mike, Leona
Model proposed restoration activities from the Risk Assessment Methodology for Salmon (RAMS) process	Leona
Ideas – governance/funding	
Ensure renewal and clarify government to government cost-sharing responsibilities for long term managed hosting and support for NWMT (existing Terms of Reference to be renewed in 2022)	Mike

<ul style="list-style-type: none">• *Existing support funding arrangement needs to be renewed by Dec 2021 for 2022 water year• Fund through NWGP (province, STC portion at least) and more formally bring in DFO	
Enable use at EFN table, drought table, water allocations/hydrological budget project of NWGP	Leona, Mike