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Water Board for source water quality sampling in Deep Creek. (OBWB photo)

Okanagan communities soak up water grants

Okanagan Basin Water Board doles out nearly \$350,000 to 15 projects Valley-wide BLACK PRESS MEDIA STAFF / Apr. 24, 2022 3:00 p.m. / LOCAL NEWS / NEWS

















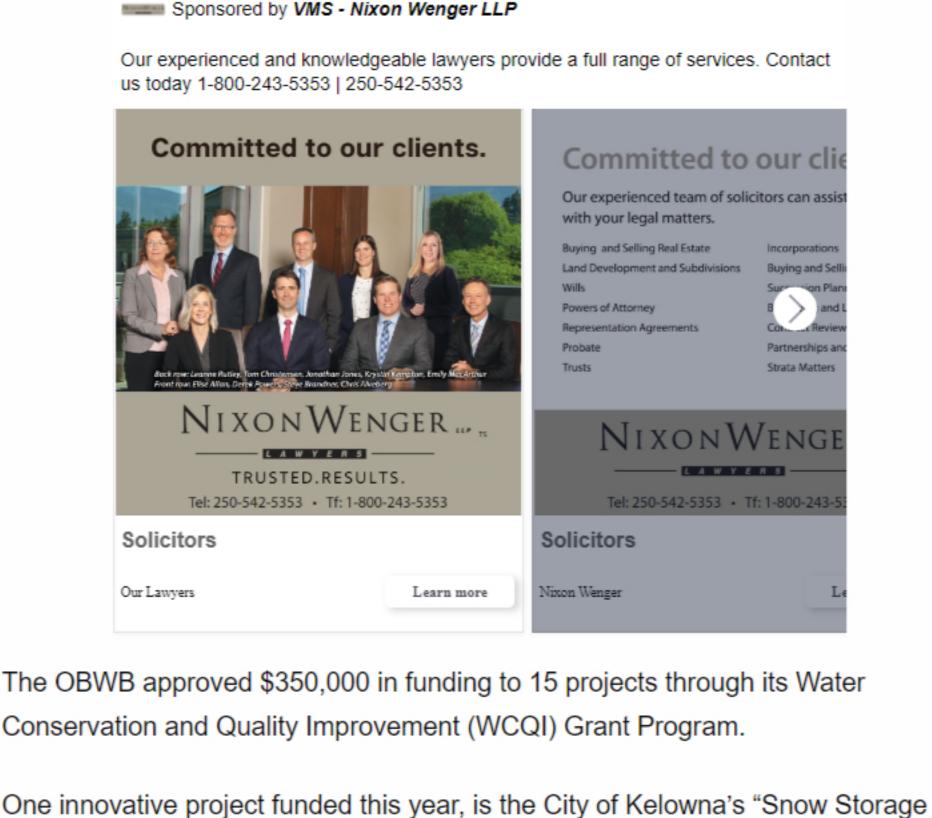
clean water in the Okanagan.

The impacts of climate change continue to challenge the availability of sufficient

As the region continues to grow, the Okanagan Basin Water Board (OBWB) has announced funding for several projects to help address these issues.

"By protecting the waters we have and finding better ways to do this, our valley

will be in a much better position to weather whatever comes our way - flooding, drought, and wildfires," said James Littley, OBWB's operations and grants manager.



Location Risk Assessment." Currently, the city stores urban snow at four locations with various conditions (e.g. paved/unpaved, connected/not connected

to city storm sewer, close/not close to environmentally sensitive areas). The city proposes to sample the four sites for pollutants like metals, tire-derived contaminants, and more, which could harm surface water, groundwater and soil. Another project funded this year is the Town of Spallumcheen's "Source Water Quality Sampling in Deep Creek." Historically, this stream has been heavily

also sample for aquatic invertebrate diversity to measure ecosystem health. The township will also work with each landowner to fine-tune prescriptions to address water health. Instead of using enforcement and compliance, the board noted that this project focuses on working collaboratively with people to protect the water in their backyards and on their farms, helping ensure better water

stressed due to agricultural production and run-off. This project will sample

water quality at various sites along the creek before and after spring melt and

quality as it flows south through the rest of the valley. Another project granted a second year of funding is "Assessing Microplastics in Okanagan Lake" by Seven in the Ocean. Last year, Phase 1 of the project sampled surface waters in Kelowna and at the Kelowna Wastewater Treatment Plant (WWTP) and discovered microplastics. Phase 2 will expand sampling on Okanagan Lake and include sub-surface water and sediment sampling in

Vernon, Kelowna, Peachland, Summerland and Penticton, as well as continued water sampling at Kelowna's WWTP. Since the program began in 2006, and with this latest award of 15 grants worth \$350,000, the board has now provided 315 grants to Okanagan non-profits,

First Nations, local governments and irrigation districts, worth more than \$5.47 million. Other bands and communities to receive grants included the District of Lake Country; Okanagan Collaborative Conservation Program (x2); Town of Oliver; Okanagan Nation Alliance (x2); Okanagan Similkameen Stewardship Society;

Regional District of Okanagan Similkameen; Sqilxw Apna Society; District of

Summerland (x2).