



IN STREAM NEWSLETTER
DECEMBER 2021

PEACE ON EARTH
AND GOODWILL TO ALL!



All of us at the North Saskatchewan Watershed Alliance wish you peace and contentment this holiday season. We hope you can enjoy the serenity of the many

beautiful spaces in our watershed. We look forward to making connections with you in 2022 and working together for a healthy and resilient watershed.



Over 65 people attended our December 1 webinar on **Water Quality in the North Saskatchewan River Basin**. The presentations are posted on our website under Resources and the recording is posted on our YouTube channel. Our Watershed Wednesday Speaker Series will start up again in February 2022.

If you sign up for our mailing list you will receive notifications for these speaker series, as well as other valuable watershed information. Go to our website www.nswa.ab.ca and scroll to the bottom of the home page.

For these presentations and others in our Speaker Series check the link below.

PRESENTATIONS

VERMILION RIVER WATERSHED ALLIANCE NEWS



The **Vermilion River Watershed Alliance** hosted a **Stories of Stewardship Webinar** online **November 30**.

Landowners have worked to restore over 20 kilometers of riparian areas along the Vermilion River, creeks, and tributaries, as well as over 150 hectares of wetlands.

Hear their stories and get inspired! Check out the **Stories of Stewardship** YouTube video.

STORIES OF STEWARDSHIP



Listen to the new episode of the [Emerald Award's podcast of *What on Earth Can We Do*](#) which features the protection of Alberta's watersheds. The [Vermilion River Watershed Alliance's](#) riparian and wetland restoration projects are highlighted. There are things that we ALL can do to ensure that our water and watersheds stay healthy and resilient.

CONGRATULATIONS ALMS!



ALMS was awarded the [Leadership and Service Award for Community Outreach and Education](#) at the North American Lake Management Society (NALMS) 2021 online conference. Congratulations [ALMS!](#)

FUNDING AVAILABLE!

LANDOWNERS WANTED!

Lamont County in partnership with The North Saskatchewan Watershed Alliance, the Vermilion River Watershed Alliance and Cows and Fish to provide **funding and other support** for **wetland and/or riparian restoration & enhancement activities** to landowners within Lamont County
(see reverse map for project area).

Example activities

- Plugging drained wetlands
- Revegetation
- Additional ideas welcome!
- Erosion control
- Creating buffer zones on cropland

FOR MORE INFORMATION:
Brett Weeks, Agricultural & Environmental Coordinator
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780-895-2585

APPLY FOR FUNDING THROUGH
MARCH 2022 ▼
www.lamontcounty.ca



In partnership with the North Saskatchewan Watershed Alliance (NSWA), Cows & Fish, and the Vermilion River Watershed Alliance, Lamont County is facilitating projects to restore and enhance wetlands and riparian areas in the region. Increasing the ability of wetlands and riparian areas to carry out their natural functions as described above will help improve watershed resiliency to floods and drought. These projects are funded in part by the Government of Alberta's Watershed Resiliency and Restoration Program. Funding levels can cover up to 80% of eligible expenses.

For information contact Brett Weeks at Brett.w@lamontcounty.ca

SOIL EROSION WEBINAR - WHERE'S THE DIRT?



JOIN COWS AND FISH, LAMONT COUNTY, AND
THE VERMILION RIVER WATERSHED ALLIANCE

WHERE'S THE DIRT

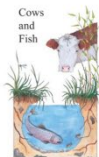
GETTING TO THE ROOT OF
SOIL EROSION

Learn how to keep
soil where it
belongs, and more!

JAN • 20 • 2022
12:30-2:00 PM

Online Webinar
Register on Eventbrite

<https://wheresthedirt.eventbrite.ca>



Join NSWA, VRWA and partners for this online webinar - Register on Eventbrite.

[REGISTER](#)

RIPARIAN WEB PORTAL WORKSHOPS



RIPARIAN WEB PORTAL TRAINING

Planners and Project Managers in government, agriculture, & ENGO;
Get the background and skills you need to use the data and
contribute your riparian projects to this exciting new resource.

**101: Dive into the Riparian Data:
Our Intactness Project**
Thurs. March 3rd, 1:30pm

**102: Where Data Meets
Action: Riparian Web Portal**
Friday March 4th, 1:30pm

All Workshops are offered at no cost, via Zoom.
Attendees must complete the 101 workshop before 102.

Register at battliverwatershed.eventbrite.com

In the **Riparian 101 workshop**, you will learn the "**Why and How of the Riparian Intactness Assessment Project**" - how it applies to your work, and how it can improve the health of our watersheds.

Topics will include:

- Information about the project, and why the BRWA and NSW are pursuing it
- An overview of the methods used to measure riparian intactness, pressure, and prioritization
- The importance of riparian areas for watershed health Tools and resources for governments, agriculture, and ENGOs to apply this knowledge
- Share your thoughts on the project and its potential relevance to your work.

Register at least 48 hours in advance.

The 101 webinar is a pre-requisite for the "**Where Data Meets Action: Riparian Web Portal**" **102 Workshop**. For more information:

[Workshop Registration](#)



Did you know that the NSWA has been the recipient of two Emerald Awards?

Nominations are now open for the 31st Annual Emerald Awards. For more information on how you can submit your nomination go to the Emerald Awards website.

EMERALD AWARDS

MEET OUR NSWA BOARD MEMBERS



Our featured NSWA Board member for December is **Wade Teneviuk**.

He is the Regulatory Services Manager at **Alberta Capital Region Wastewater Commission** (ACRWC). ACRWC provides wastewater transmission and treatment services for its thirteen member municipalities which surround the City of Edmonton.

This department manages ACRWC's: Regulatory reporting to Alberta Environment and Parks and Environment Canada and Climate Change; Environmental Management System; Source Control Program which includes inspection,



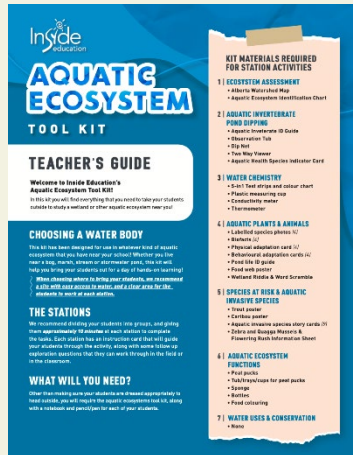
Favorite place in the watershed:

"I live in the NSR valley in the Edmonton Capilano neighbourhood. I cherish the beauty of the river and valley and make good use of the extensive trail system. I also love to go hiking in the mountains."

About NSWA:

"Being a new Board member, I have appreciated feeling welcome and learning more about NSWA and our worthy efforts surrounding educating people about the watershed."

monitoring, and permitting of Industrial, Commercial and institutional facilities within our member municipalities; Laboratory Services; and Occupational Health and Safety Program.



TEACHERS - CHECK OUT THIS AQUATIC ECOSYSTEMS TOOL KIT!

Inside Education has just completed an **Aquatic Ecosystem Resources Kit**. The toolkit includes all the instructions and tools needed to plan a tour of your local wetland areas. Plan ahead for spring!

There are also many other science related resources on the [Inside Education](#) website for you to use in your classrooms. Topics range from energy, electricity, ecosystems, wildlife and habitats and more. There are resources for all grade levels - elementary to senior high.

[TOOL KIT](#)

OTHER WATERSHED RESOURCES

[Athabasca Watershed Council](#) has a number of [videos](#) about watershed health and some interesting events coming up.

AWES has a webinar about how shelterbelts can help with snow and water management. Check [Eventbrite](#) for more information and to register.

Check out the new video [Running Dry: Alberta's Shrinking Rivers](#) by the Livingstone Landowners Group.

Dr. Robert Holmberg (Athabasca University) has posted a series of seven videos about the world's freshwater resources "Nature's Waterworks: how lakes and rivers function". You can check out these informative videos on [YouTube](#).

People from local government, researchers, policy makers and educators rely on [Municipal Natural Assets Initiative](#) to keep up-to-date on the latest in measuring, managing and valuing of natural assets. Subscribe to their newsletter for more information.

The [Land Stewardship Center](#) has published a new online [Stewardship Directory](#) as well as a new [Green Communities Guide](#). Check them out on their website as well as many other resources.

[Ducks Unlimited](#) has published a new [Alberta Wetland Classification Field Guide](#). You can [download](#) an updated copy or purchase a copy [here](#).

Check out the [NSWA DISCOVERS](#) section on our website with watershed resources and activities for adults and children. There are many activities to encourage watershed learning for your family.



SUPPORT THE WORK OF NSWA

The NSWA accepts donations through the **ATB Cares** program which matches 15% of every dollar donated to a Alberta-based charities through their [ATB Cares Web Portal](#). It is easy to use and automatically issues a charitable tax receipt for donations \$10 and over.

For more information on supporting our watershed projects go to our [DONATE](#) webpage.



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