

Carrot River Valley Watershed Association

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Welcome!

Welcome to the Summer and Fall 2018 edition of the Carrot River Valley Watershed Association newsletter, the Water Source.

We've had a busy summer here at the CRVWA. We've been promoting the new funding opportunities for agricultural producers through the Canadian Agricultural Partnership while completing our summer field work for the Natural Edge Program, our two Agricultural Demonstration of Practices and Technologies (ADOPT) projects, Aquatic Invasive Species (AIS) monitoring, and shoreline assessments for the Love Your Lake program at Tobin Lake.

Now that fall has arrived and the summer field work is wrapping up, stay tuned for final reports on all these projects. If you're interested in getting involved or learning more about any of the work we do, please contact us by emailing crwatershed@gmail.com or calling our office at 306-752-1270!

Thanks for stopping by!
Hillary & Lynette

CRVWA Project Updates

Natural Edge Program

We completed five Natural Edge shoreline naturalizations this summer at Wakaw Lake. Through the Natural Edge Program, landowners pay 25% of the costs for the CRVWA to come plant native trees and shrubs on their property along the shoreline to protect water quality and the integrity of the shorelines.

This summer, we planted about 200 native trees and shrubs, including species such as beaked hazelnut, potentilla, highbush cranberry, white paper birch, white spruce, and more! A special thank you goes out to our funding partners, landowners, and the RM of Hoodoo #401 for their cooperation and partnership in this great program!

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The Carrot River Valley Watershed Association Inc. (CRVWA) is dedicated to preserving and maintaining the character and integrity of the watershed through education and awareness.

CRVWA Members:

- Arborfield C&D Area Authority
- City of Melfort
- Cudworth Wildlife Federation
- Kipabiskau Regional Park Authority
- Melfort & District Wildlife Federation
- Moose Range C&D Area Authority
- Pasquia Regional Park
- Resort Village of Tobin Lake
- Resort Village of Wakaw Lake
- RM of Connaught #457
- RM of Fish Creek #402
- RM of Hoodoo #401
- RM of Humboldt #370
- RM of Invergordon #430
- RM of Kinistino #459
- RM of Moose Range #486
- RM of Nipawin #487
- RM of Pleasantdale #398
- RM of St. Peter #369
- RM of Star City # 428
- RM of Tisdale #427
- St. Peter C&D Area Authority
- Struthers Lake Wildlife Federation
- Tisdale Wildlife Federation
- Town of Arborfield
- Town of Carrot River
- Town of Wakaw
- Wakaw Lake Regional Park
- Village of Lake Lenore

CRVWA Project Updates *(continued)*

Love Your Lake

The CRVWA completed 60 property assessments at Tobin Lake this summer. Each property will receive a report in the spring detailing what we found in the assessments and how to make changes on their property to improve lake health for people and wildlife. To learn more about this program, visit www.loveyourlake.ca!

Aquatic Invasive Species (AIS) Monitoring

Monitoring was done at 9 lakes this year! Thanks to our fantastic volunteers and CRVWA, we confirmed that no aquatic invasive zebra or quagga mussels were found at Tobin Lake, Codette Lake, Marean Lake, Greenwater Lake, Lake Lenore, Wakaw Lake, Struthers Lake, McBride Lake, and Kipabiskau Lake!

To volunteer next summer or find out more about the program, contact us!



ADOPT

Monitors for Remote Livestock Watering Systems

This project has garnered a lot of interest. We held our field day on July 4th, 2018 at Burnt Out Creek Ranch near Mistatim, SK. Despite the cold and rain, we had 22 people attend. A special thanks to the Ministry of Agriculture and our producer partners, Lynn Farms of Pleasantdale and Burnt Out Creek Ranch of Mistatim! A huge thank-you goes to Sundog Solar for coming out to answer producer questions about the remote watering system.

To learn more about the project, contact us or watch our video [here](#)!

Nitrogen Stabilizers for Increased Fertilizer Use Efficiency

Our field days for this project were held on August 1st and 2nd in Rosthern, SK and Annaheim, SK, respectively. We had about 50 people attend the Rosthern field day, co-hosted by the South Saskatchewan River Stewards and Blairs Agro. The Annaheim event had approximately 18 people, and some great discussions were had about 4R Nutrient Stewardship, variable rate mapping, and new programming under the Canadian Agricultural Partnership. Look for final results from this project this winter as we look for the impact of nitrogen stabilizers on crop yield and late-stage nitrogen in plant tissue.



Thank you to all of our partners on this project!

Grain Bag Recycling

Did you know that you can take your used grain bags to a CleanFarms collection site for recycling? There are collection sites all over Saskatchewan, and although there is only one within the boundaries of the Carrot River Valley Watershed (Melfort), there are several nearby! These include Garrick, Nipawin, Humboldt, and Prince Albert. Click [here](#) for a full listing.

To recycle your grain bags, simply deliver tightly rolled and secured grain bags or silage bags used to store grain to your nearest collection site. Note that dirty, loose, or silage bags not used for grain storage are not accepted.

CleanFarm also has a program for small plastic container recycling. Visit their website at www.cleanfarms.ca for a list of eligible containers and collection sites across Saskatchewan.

Upcoming Dates:

Verified Beef Plus+ Workshop

Prince Albert
Nov. 8th, 2018
Click [here](#) for more info!

Canadian Western Agribition

Regina, Nov. 19-24th, 2018

Click [here](#) for more info!

RM of Hoodoo Public Hearing re: Intensive Livestock Operation near Wakaw Lake

Cudworth, SK
Nov 14 at 10 am

Rain Barrel Workshop

Carrot River, TBD

Ag in the North Winter Workshop Series:

Invasive Species, January
TBD

Grazing in the North, February
TBD

Water Quality and Testing,
March TBD

Stay up to date on all our upcoming events:



@crwatershed



@CarrotRiver-ValleyWatershed Association

www.crwatershed.com

Staff Changes



Our summer student, **Jessica Griffeth**, has returned to her schooling after spending an eventful summer with us. Jessica did a great job with the Love Your Lake program, where she and Charlotte completed 60 property assessments at Tobin Lake. She was also a great help with the Natural Edge Plantings and the Aquatic Invasive Species (AIS) monitoring. Jessica is in her final year of Environmental Biology at the University of Saskatchewan. We'd like to wish her the best of luck in her final year!



Hillary Luchinski began as Watershed Technician in May and has kept busy with the Natural Edge Program shoreline plantings, the new CAP programming, and our two ADOPT projects this summer. As of October 1st, Hillary has been learning the ropes as Interim Watershed Manager. Hillary hails from Tobin Lake, SK and comes to us with an environmental science and rangeland resource background. Hillary can be reached by calling 306-920-7228 or by emailing crwatershed@gmail.com.



Lynette Manuel started mid-September to take over as Term Watershed Technician. Lynette has a background in environment and sustainability and hails from the Maritimes. Since her start date, Lynette has been busy learning the new CAP programming and helping producers complete fall projects and gear up for the upcoming field-work season. Lynette can be reached by calling 306-920-8166 or emailing crwatershedaegp@gmail.com.



Charlotte Asplind has gone on maternity leave as of October 1st of this year and will be returning October 1st, 2019. The CRVWA would like to congratulate Charlotte and wish her the best of luck during her leave!

Riparian Areas

Did you know that riparian areas play a major role in maintaining water quality?

A riparian area is the transition area between a water body and its surrounding uplands. You can tell a riparian area by the unique water-loving plants that grow there.

These plant-rich areas are some of the most productive ecosystems in the world and are important habitat for almost all of our Saskatchewan wildlife! They also play a role in keeping our surface water clean and free of contaminants.

A healthy riparian area has the following functions:

- trap sediment
- filter and buffer water
- build and maintain streambanks to prevent erosion
- moderate water temperature
- store flood water and energy
- recharge groundwater
- maintain biodiversity
- create primary productivity.

For more information on riparian areas and how you can protect and maintain them, contact us or visit www.crwatershed.ca



Agri-Environmental Technical Services (AETS) Update

The Canadian Agricultural Partnership (CAP) released two funding initiatives in April 2018. CAP has a total \$388 million invested by the federal and provincial governments for strategic initiatives over the next five years (until 2022).

Funding is available under two different programs, the Farm Stewardship Program (FSP) and Farm and Ranch Water Infrastructure Program (FRWIP).

Farm Stewardship Program (FSP)				
The Farm Stewardship Program (FSP) assists eligible producers with cost shared funding to implement beneficial management practices (BMPs) on their operations. These BMPs help maintain or improve the quality of soil, water, air, or biodiversity resources.				
BMP	Cost Share	Project Funding Limit	Rebate/Pre-Approval	Eligibility
Permanent NATIVE forage	90%	\$10,000	Pre-Approval	Land must have been in continuous annual crop production a minimum of 2 years.
Permanent TAME forage	50%	\$10,000	Pre-Approval	Land must have been in continuous annual crop production a minimum of 2 years.
Riparian Grazing Management	50%	\$10,000	Pre-Approval	Must own at least 20 animal units.
Native Rangeland Grazing Management	50%	\$10,000	Pre-Approval	Must own at least 20 animal units. Min 80 acres of continuous native rangeland.
Invasive Plant Bio-control & Targeted Grazing	50%	\$45,000	Pre-Approval	Weed Management Plan
Livestock Stewardship	50%	\$100,000	Pre-Approval	Must own at least 20 animal units **Must work directly with a Livestock Engineer
Drainage Stewardship	50%	\$20,000	Pre-Approval	
Variable Rate	30%	\$2,000	Rebate	Environmental Farm Plan
Multi-Producer Water Management	50%	\$150,000	Pre-Approval	Limited to C&D Area Authorities, Watershed Associations, and producers in an organized, legal entity
Environmental Solutions	Up to 75%	\$50,000	Pre-Approval	Determined by review committee

Farm and Ranch Water Infrastructure Program (FRWIP)		
The Farm and Ranch Water Infrastructure Program (FRWIP) supports the development of secure and sustainable water supplies for agricultural use in Saskatchewan and to mitigate the impacts of drought. Cost-shared funding is available for		
Project	Cost Share	Project Funding Limit
Rebates: Large & small diameter wells Shallow & deep-buried pipelines Dugout creation/expansion	50%	\$50,000 over program lifetime (5 years)
Pre-Approval: Well decommissioning Special projects	90%	\$10,000 <i>per project</i>

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