

Carrot River Valley Watershed Association

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Office Hours: Tuesday-Friday 9am-5pm - *Our office will be closed Dec 24-Jan 1*

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FALL 2014



CRVWA Attends MLA Reception

On November 3, 2014, the Saskatchewan Association of Watersheds (SAW) hosted a reception for MLAs at the Legislature Building in Regina. Representatives of the Carrot River Valley Watershed Association (CRVWA) that attended the event were Lynne Roszell, Watershed Manager; Robert Harley, CRVWA Past Chairperson; and Catherine Mazurkewich, CRVWA Secretary/Treasurer.

In Saskatchewan, there are currently 11 source water protection organizations, including the CRVWA, and they are represented provincially by SAW. David Sloan, Chairperson of SAW, delivered a formal presentation to all in attendance and emphasized the importance of protecting source water, the role of source water protection organizations, and partnerships that can be formed to produce and deliver effective programming with tangible results. Environment Minister, Scott Moe, also spoke to the attendees about the government's commitment to the environment.

Each watershed group brought water from their watershed which was served to the MLAs. The CRVWA took water from the Town of Arborfield's water treatment plant and highlighted source water protection, the importance of maintaining safe drinking wa-

ter in rural communities, as well as the challenges faced by communities to maintain safe water for residents. Specifically, the CRVWA highlighted Arborfield's challenges with treating surface water from Burntout Brook. The MLAs sampled water from the various watersheds, and enjoyed this unique opportunity to taste

water from throughout the province. This event helped to highlight the importance of source water protection, assisted MLAs in identifying which watersheds fall within their constituency, and provided the opportunity for MLAs to speak directly with representatives of their local source water protection organizations.



(Photo courtesy of Arlene Unvoas – left to right: Robert Harley, Lynne Roszell, Catherine Mazurkewich)



(Photo courtesy of Arlene Unvoas – Board members of Saskatchewan Association of Watersheds, Watershed Managers, and Minister of Environment Scott Moe)

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

Our mission is to protect and improve water quantity, water quality, and diversity of the watershed through collaborative planning and facilitating partnership.

Burger and Fries Farm: An Adventure in Food Production Wraps Up

This year, the Carrot River Valley Watershed Association (CRVWA) and FarmLink Marketing Solutions, with assistance from Farming Futures, partnered to create The Burger and Fries Farm: An Adventure in Food Production. The Burger and Fries Farm was designed to increase agricultural awareness amongst students. This project brought students out of the classroom and into the field to teach them how agriculture produces the ingredients for a burger and fries lunch. Learning that our food does not simply come from the grocery store, and gaining an appreciation of the agriculture industry were key lessons for the students involved.

The adventure began in the spring, with the first event on June 23. Grade 2 and 4 students from Reynolds School in Melfort came out and visited the farm for the day. The farm was broken down into four stations:

1. The Agruim Seed

Survivor trailer was available for students to learn about how plants grow, and the trailer also had various interactive educational games.

2. The Beatty 4-H Club brought a cow/calf pair and a steer, teaching students about cattle production as well as providing information about the 4-H Club.

3. At the crop station, wheat and canola were planted at the end of May to demonstrate crop production. Ministry of Agriculture staff provided information at this station.

4. Due to wet weather, the garden station had to be modified slightly. Instead of planting the garden into the wet soil, students planted “groceries in a bag”. Using a reusable shopping bag provided by FCC and plants donated by Wright’s Greenhouse, a take-home garden consisting of a tomato plant, a green pepper plant, a seed potato, onions and a marigold were planted and taken home by the students.

The adventure continued into the fall with a second field day on September 18, with the same students returning to the farm. The main focus of the fall field day was production. During this visit, the farm was divided into 6 stations:

1. The combine demonstration station focused on harvesting. Students were able to watch the crops that were seeded in the spring harvested by Syngenta staff. The students also had the opportunity to learn the process of how wheat goes from the field to burger buns.

2. At the fries station, students were able to make garden potatoes into French fries. Of course, sampling was a big hit at this station!

3. At the dairy station, Sask Milk demonstrated the milking process to the students.

4. At the beef station, students were able to learn about beef production, as well as have some fun roping a bale thanks to the Beatty 4-H Club.

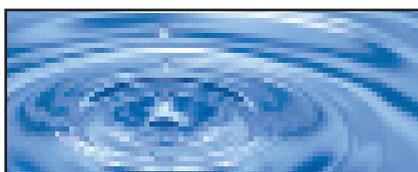
5. The watershed station allowed students to see how a watershed works and learn about the importance of water in agriculture production.

6. The garden station allowed students to pick vegetables from the garden and sample the fresh-picked veggies. The ingredients for ketchup, mustard and relish were discussed at this station.

To cap off the event, students enjoyed a BBQ burger and fries lunch. Armed with the knowledge of where the ingredients came from, the students were able to enjoy this extra special and tasty lunch.

We would like to express our heartfelt gratitude to our many sponsors and contributors for their support, including Ag in the Classroom; Agrium; Beatty Beef 4-H Club; Dow AgroSciences; FCC – Ag More Than Ever; Melfort Multi-K; Perrish and Heimbecker-Tisdale; Sask Milk; Saskatchewan Ministry of Agriculture; Syngenta; Vital Signs and Graphics; Wright’s Greenhouse; numerous volunteers that generously gave their time; and the students and teachers that came together to make this event a success. We would also like to thank FarmLink Marketing Solutions and Farming Futures for their dedication and assistance in bringing this project to life. Without all of you, this educational adventure would not have been able to take place.

We are looking forward to our next adventure...watch for details coming soon!



Roughly 634 gallons of water go into the production of one hamburger. (USEPA)

WATER FACT

A dripping faucet can waste as much as 75 litres of water every day.

3 Dimensional (3D) Fencing for Wildlife Control

Wildlife damage and consumption of livestock feed can be a difficult problem for producers to manage in many areas of Saskatchewan. Herds of elk, deer and moose can move into an area and completely eradicate winter feed supplies, leaving producers scrambling to find feed for their livestock. The financial effects can be significant and stressful for producers to manage. As wildlife pressure becomes heavier in many areas of our watershed, local producers are looking for solutions to this ever-increasing problem.

One option for producers may be the construction of 3D fences around feed supplies or hay-yards. 3D, or 3 dimensional, fences are a fencing system that creates a

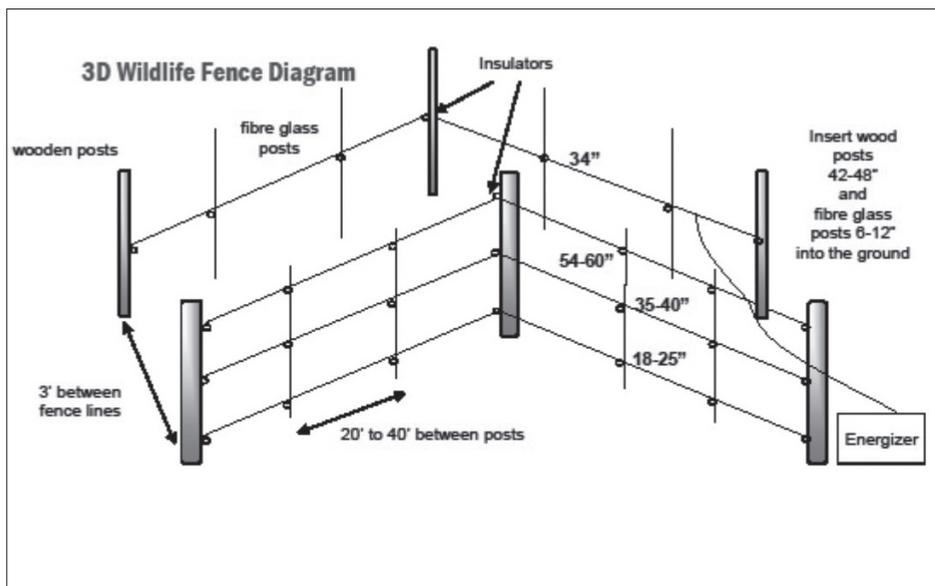
barrier that has height, width and depth, thus creating a 3 dimensional effect. The eyes of elk, deer and moose are located on the sides of their head, resulting in poor depth perception. The 3 dimensional effect of this fencing system creates a visual barrier for these types of animals that will cause the wildlife to approach the fence with a great deal of caution. When the wildlife approaches the fence for further inspection, and a sniff with their nose, they will receive a shock from the outside electrified fence that will deter them from entering the fenced area.

3D fences involve the construction of two fences that are 3 feet apart. The outer fence is usually a single strand, electric fence and

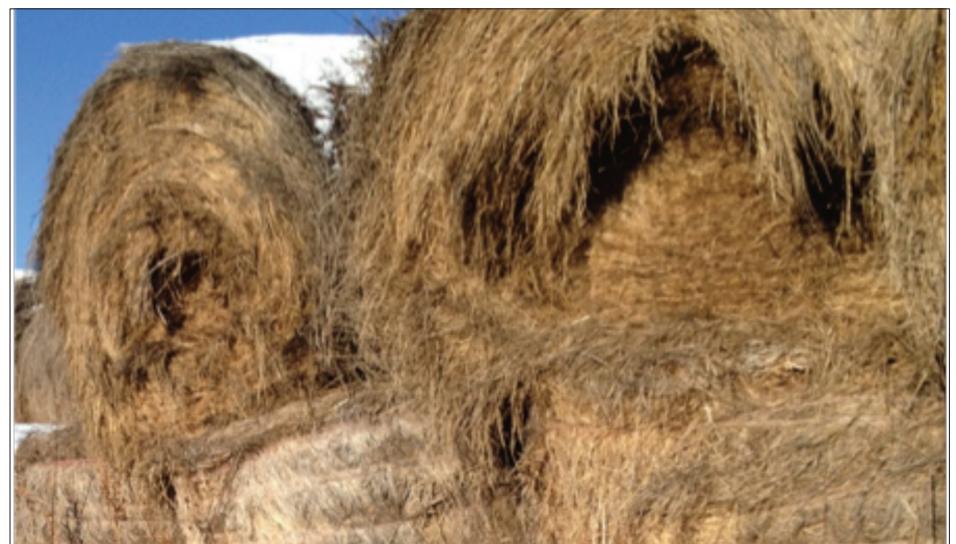
the interior fence is usually a three strand fence that is either electric or barbed wire. This design has been created and tested by the Peace River Forage Association of British Columbia. The Peace River Forage Association of British Columbia began researching this type of fencing system in 2010. They have run several test sites in northern BC and have had success with 3D fencing as a wildlife deterrent. They continue to monitor the effectiveness of 3D fencing in their area and more information on their research can be

found on-line at peaceforage.bc.ca. The Carrot River Valley Watershed Association is looking forward to developing a 3D fencing pilot project in our area by partnering with Saskatchewan Ministry of Agriculture, Saskatchewan Crop Insurance Corporation and Saskatchewan Ministry of Environment to develop local test sites for this type of fencing system. Watch for updates in upcoming newsletters, or contact the CRVWA office for more information.

Save the date! Wednesday, February 4, 2015 we will be partnering with the Saskatchewan Ministry of Agriculture to present a predation workshop in Tisdale, SK. Included in this workshop will be an update on our 3D fencing project, as well as speakers presenting on wild boar, predation issues, and more. Watch for details in the near future, or contact our office for more information!

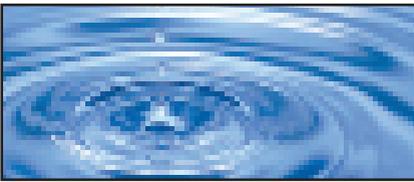


(Design diagram courtesy of Peace River Forage Association of British Columbia)



According to the New York Times, if you drink your daily recommended 8 glasses of water per day from the tap, it will cost you about 50 cents per year. If you choose to drink it from water bottles, it can cost you up to \$1,400 dollars





WATER FACT
 A five-minute shower with a standard showerhead uses 100 litres of water, whereas a five-minute shower with a low-flow showerhead uses 35 litres.



CRVWA Welcomes a “New” Watershed Manager

Lynne Roszell, PAg, rejoined the CRVWA on October 15 in the role of Watershed Manager. Lynne holds a Bachelor of Science in Agriculture from the University of Saskatchewan and is a Professional Agrologist. Previously, Lynne was with the CRVWA as the AEGP Technician from April 2011 until September 2013, when she left the position to join the Ministry of Agriculture Lands Branch in Tisdale. After just over a year as a Land Agrologist, Lynne embraced the

opportunity to return to the CRVWA and is excited to take on the role of Watershed Manager. Lynne looks forward to continuing the work of the CRVWA and working with residents of the watershed to promote source water protection. She can be reached at 306-752-1270 or 306-920-7228, crwatershed@gmail.com, or pop by the CRVWA office located at 202 Main Street in Melfort.



Did you know? We are on Facebook! Check it out at www.facebook.com/CarrotRiverValleyWatershedAssociation

The Carrot River Valley Watershed Association is a local, grassroots, member driven organization

Thank you to our Members!

Town of Carrot River
 Town of Arborfield
 RM of Tisdale #427
 RM of Connaught #457
 Tisdale Wildlife Federation
 Pasquia Regional Park
 Arborfield Conservation &

Development Area Authority
 Moose Range Conservation &
 Development Area Authority
 RM of Moose Range #486
 Town of Wakaw
 RM of Kinistino #459
 City of Melfort

Wakaw Lake Regional Park
 Authority
 Resort Village of Wakaw Lake
 RM of Invergordon #430
 RM of Hoodoo #401
 RM of Fish Creek #402
 Melfort & District Wildlife

Federation
 St.Peter Conservation &
 Development Area Authority
 RM of Humboldt #370
 RM of St.Peter #369

NEW MEMBERS WELCOME

Municipalities, Communities, and Special Interest Groups: Become a CRVWA Member Today!
 Have a voice in source water protection.

