



Special points of interest:

- Irrigation Technical Conference presentations now available

Inside this issue:

RID Launches Website	3
Completed Reports	4
Events	5

Rotating Drum Screens for Farm Turnouts

For several years now, the WID has been installing a rotating drum water screen on farm turnout structures to producer pumpwells. These screens, on rotating drums, eliminate most of the debris such as moss, aquatic weeds, branches and leaves, plus human trash, that otherwise could plug irrigation system pumps, pipes, or nozzles.

To clear debris and/or trash, water is pumped through a spray bar with nozzles providing a flat spray at approximately 40 psi, back through the screen basically blowing off the debris back into the main stream. The screen is stainless steel that resembles a very strong window screen.

Drum and screen size is determined by the size of the irrigation pumping unit.



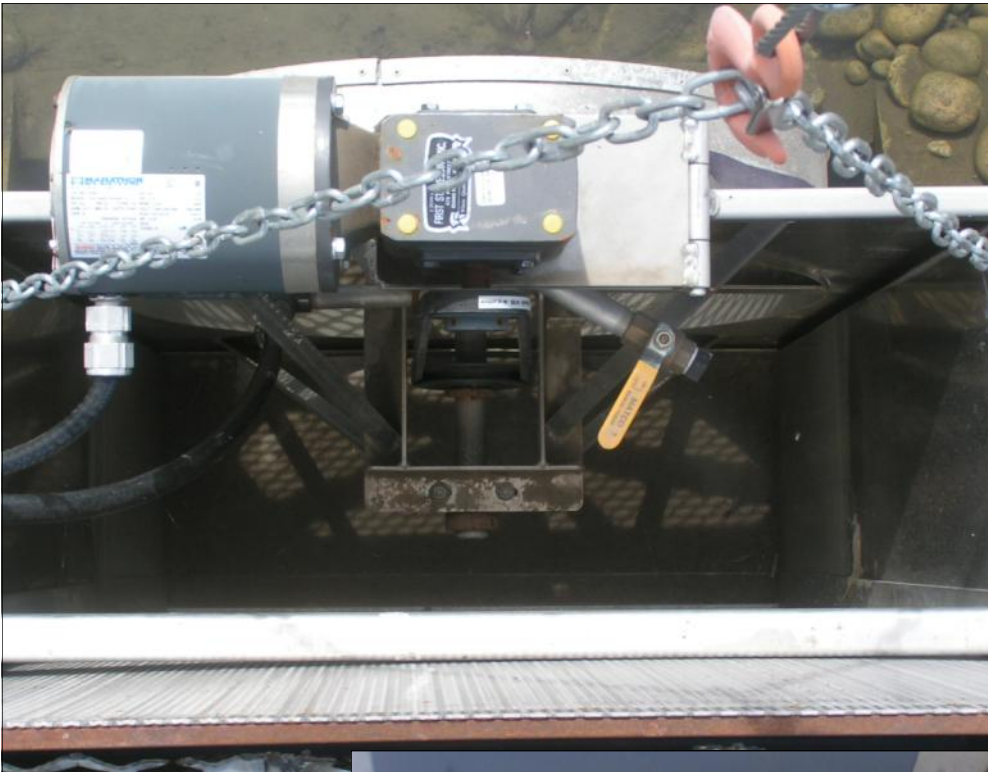
The WID designed the precast turnout structure with a basin deep enough to lower the screening unit into. An arm with a hand crank winch is provided to lower and raise the unit as needed for maintenance or just to keep it out of the water if not being used. The basin is situated below the canal bed meaning a check structure is not required in the canal to raise water levels and pumping units can be operated at low water levels.

Continued on next page.

The screen is lowered into the water when in use. It is only raised for maintenance etc.

Rotating Drum Screens for Farm Turnouts continued

Producers are very pleased with this screening device. Their responsibility is providing electricity to rotate the drum and to provide the pressure required at spray nozzles.



For more information, contact:

Erwin Braun, Manager, WID,
@ 403-934-3542 or ebraun@wid.net

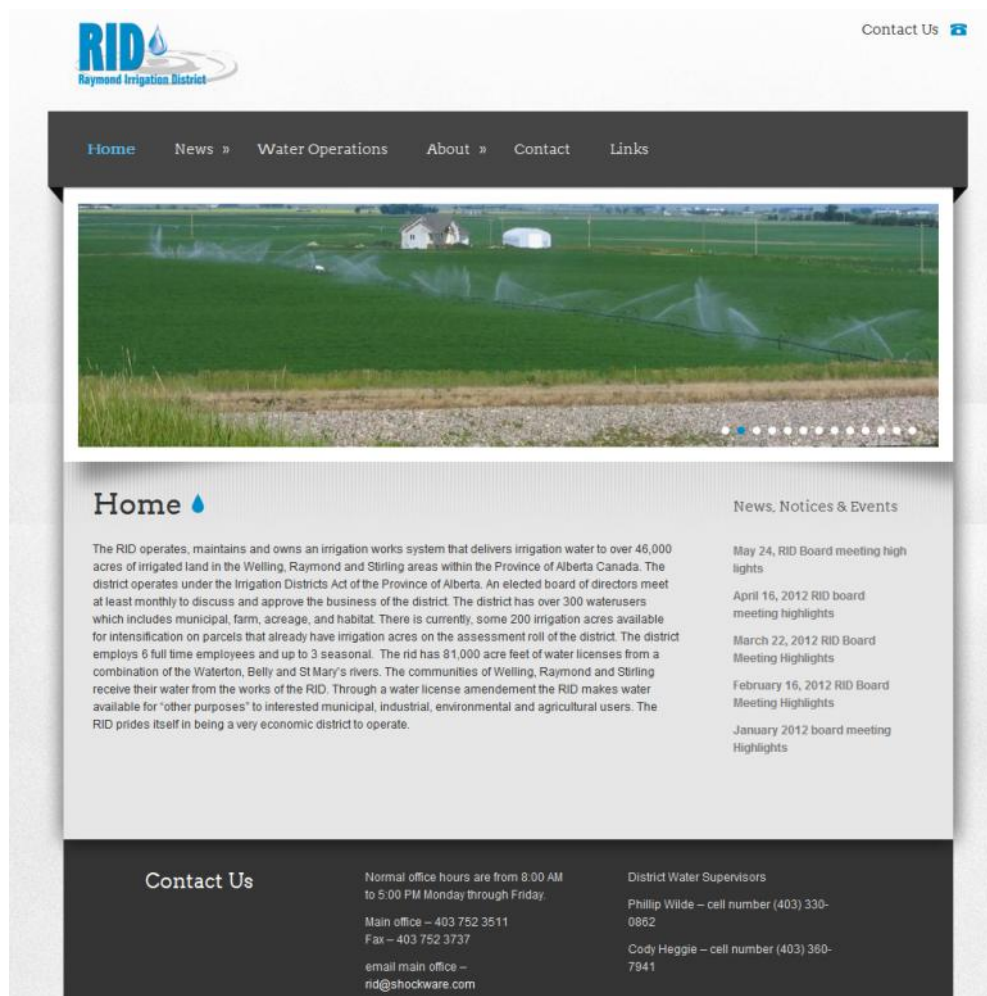


Raymond Irrigation District Launches Website

The Raymond Irrigation District recently launched their website. It provides RID water users with information about Notices & Events, Board Meeting Highlights, Water Operations, Mission/Vision, History, Projects, Contact Information, and Links.

The site is at <http://raymondirrigationdistrict.ca>

The RID plan on adding more information in the near future.



For more information, contact:

Gordon ZoBell, Manager, RID,
@ 403-752-3511 or rid@shockware.com



Other Alberta irrigation district websites:





Bow River Irrigation District brid.ca

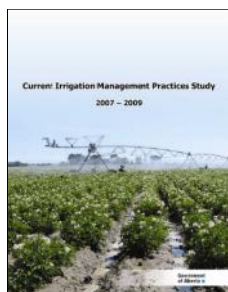
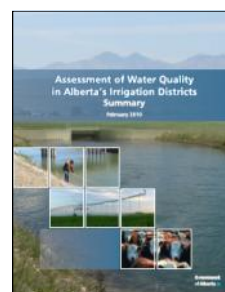
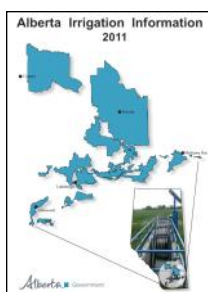
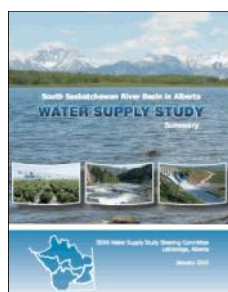
Eastern Irrigation District www.eid.ab.ca

Completed Reports

Links to completed reports available on Alberta Agriculture's website [Ropin' The Web](#).



- [2011 Alberta Irrigation Information Booklet](#)
- [Alberta Soil Phosphorus Limits Project](#)
- [Aquatic Weed and Algae Control in Irrigation Canals](#)
- [Assessment of Environmental Sustainability in Alberta's Agricultural Watersheds](#)
- [Irrigation Districts Water Quality Project 2011 to 2015: 2011 Progress Report](#) 
- [Buffer Zones for a Healthy Watershed](#)
- [Crop Water Use and Requirements](#)
- [Crowfoot Creek Watershed Study](#)
- [Current Irrigation Management Practices](#) 
- [Irrigation Rehabilitation Program 2010/2011 Status Report](#) 
- [Irrigation Rehabilitation Program 2006 to 2011 Status Reports](#) 
- [Irrigating to Enhance Quality and Yield](#)
- [Nutrient Beneficial Management Practices Evaluation Project](#)
- [South Saskatchewan River Basin \(SSRB\): Irrigation in the 21st Century](#)
- [South Saskatchewan River Basin in Alberta Water Supply Study](#)



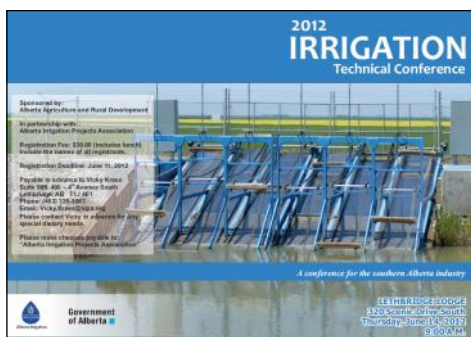
Past Events

Irrigation Technical Conference was held on June 14 at the Lethbridge Lodge.

Topics included: Water Quality Update, LIDAR, Camera Pipe Inspection, Seismic Regulations, Water Screen Development, Weed Deflection, Water Meters, Working Alone Safety, Irrigation Data Recording, and more.

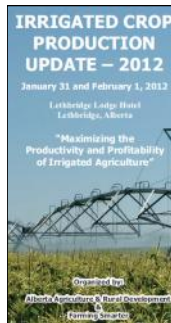
For a complete list of topics, [view the conference agenda](#).

The conference presentations are [available for viewing](#).



The 2012 Irrigated Crop Production Update Conference was held at the Lethbridge Lodge on January 31 & February 1.

This conference was organized by Alberta Agriculture and Rural Development and the Southern Applied Research Association. Topics included rotation management, agronomic management, pest management, irrigation equipment, irrigated crops, water management, financial management, and looking forward.



The conference presentations are [available for viewing](#).

Government of Alberta

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Visit us on the web

www.demofarm.ca/water_haulers.htm

This bulletin is intended to provide Alberta's irrigation industry with items of interest in irrigation. If you would like to submit articles or provide us with input, feel free to contact Don Gross by phone in Lethbridge at (403) 381-5872 or

E-mail don.gross@gov.ab.ca.

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