

You Can Help

Protect the Environment

- Conserve water in your home by using low-flow fixtures and fix any leaks. This reduces the amount of water that needs to be treated.
- Don't pour fats, oils and grease down the drain –dispose in the garbage. These substances clog pipes leading to costly repairs.
- Take unused medications to the pharmacy for disposal rather than flushing them down the toilet. Pharmaceuticals are not treated and end up in the environment.
- Use phosphate-free cleaning materials to reduce phosphorous levels in the river. Phosphorous is a nutrient that promotes algae growth negatively affecting the aquatic environment.
- Take household hazardous waste –motor oil, pesticides, herbicides, solvents, paint and chemicals –to a recycle facility or community round-up event instead of pouring it down the drain. Toxic substances are not treated and end up in the environment.
- Compost organic materials like vegetable peelings instead of using a garburator. Ground up organic material costs more to treat and must be disposed of at the wastewater treatment plant.

**Working to Clean
and Protect
our Water**



**Alberta Capital Region
Wastewater Commission**

Members:

City of Fort Saskatchewan
City of Leduc
City of Spruce Grove
City of St. Albert

Town of Beaumont
Town of Bon Accord
Town of Gibbons
Town of Morinville
Town of Stony Plain

Leduc County
Parkland County
Strathcona County
Sturgeon County



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Did You Know?

- The Alberta Capital Region Wastewater Commission operates the fourth largest treatment facility in Alberta serving over 200,000 residents in 13 municipalities of the Capital Region.
- Our pipeline network for transporting wastewater to our plant is longer than the distance from Edmonton to Red Deer.
- Each household in the region generates about 350 litres of wastewater per person per day to be treated at our plant. In 2009 we treated over 27 billion litres of wastewater.
- The biogas (methane) generated from the digestion of organic matter is used to heat our facility. (Equivalent to heating approximately 500 homes a year.)
- The settled solids from the wastewater treatment process (biosolids) are put to beneficial use by being composted.
- We treat and disinfect the discharge from our facility to protect the downstream communities who use the river for their drinking water.
- By treating the discharge from our wastewater treatment plant, the ACRWC places a high priority on its environmental stewardship knowing that our treated water flows into the North Saskatchewan River basin and the aquatic ecosystem all the way to Lake Winnipeg and Hudson Bay.



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