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Upgrade and Modernization Project Update

Why is Secondary Wastewater Treatment Important and what can you do?

The WWTF Upgrade and Modernization Project is progressing. All pre-selected equipment is now on site and some has been installed: one bar screen and one fine screen, primary clarifier sludge pumps, various electrical and piping arrangements and the grit classifier. Detailed design work has begun for the remaining phases that include the bioreactor, sludge handling facilities, 4th clarifier and clarifier retrofits and the blower building. The Administration Building upgrade is substantially complete. Come visit us at any monthly Commission Meeting to see what's happening!

TransAqua's Wastewater Treatment Facility (WWTF) is currently an advanced chemically assisted primary facility that is being upgraded to a biological secondary treatment system. Additional settling tanks will reduce the amount of solids entering the Petittcodiac River and the biological process will increase the amount of oxygen in the wastewater effluent that allows aquatic life to breathe easier. When operating a biological process, the 'bugs' enjoy an environment that is free from hazardous materials such as paint, engine oil, pesticides or chemicals. These bugs also don't like medications or things like needles, razor blades, dental floss, tampons, syringes and kitty litter. When the bugs get sick, they will die and wash out into the environment. It can cost a minimum of \$250,000 to buy new bugs and reintroduce them back into the bioreactor. This is an expense that the ratepayer can easily avoid by following the tips outlined in TransAqua's Sewer Do's and Don'ts Brochure that can be seen on our website at www.transaqua.ca



The construction site can be seen using our webcam at www.transaqua.ca at any time!

2018 Compost Facility opens on May 1st!

Take home free compost if you are willing to shovel it into your own vehicle or pay \$5 for each small tractor bucket that we load into your truck or trailer. Please visit us at www.transaqua.ca for more information and how to find us. There will be a Compost Open House for the public on May 12, 2018 to celebrate International Compost Awareness Week. Guided tours are available along with a BBQ and some promotional items for the kids.

TransAqua's Compost toilets open in mid-May.

TransAqua's compost toilets along both sides of the Petittcodiac River along the walking trail generally open in mid-May for the public to use. Water gets into the composting basins and freezes during the winter. Once thawed, vacuum trucks empty them and we add composting material. Throughout the summer these toilets are maintained on a regular basis and daily in high travelled locations. Please let us know how we are doing by sending your questions to us at information@transaqua.ca.

