



TransAqua.ca
 OCTOBER 2019



Upgrade and Modernization Project Update

The WWTF Upgrade and Modernization Project is progressing. Phase 1 & 2 are now commissioned removing much more solids before entering the new primary clarifiers! The bioreactor floor slab is complete along with 14 of 36 wall sections. 2 of the 4 secondary clarifier rake mechanism retrofits are complete with the last 2 in progress. The Sludge Handling Building exterior is complete with some equipment installed. The Ultraviolet Disinfection System is in the design phase with planning for a heat recovery system that could power up to 100 homes each year.



Come visit us at any monthly Commission Meeting to see what's happening!

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

2019 Compost Program Update!

At the end of September, TransAqua reintroduced 8,400 tonnes of compost back into the Greater Moncton Community for ratepayers gardening and landscaping projects. We are pleased to provide compost as part of our commitment to the community towards environmental sustainability. Please let us know how we are doing by sending your questions to us at information@transaqua.ca.

Photography by Shawn Lee

Do not flush medications or needles down the drain!!

Pharmaceuticals end up in wastewater because drugs are not fully metabolized by the body. In some cases, as much as 90% pass through our body. Wastewater treatment facilities are not designed to remove pharmaceuticals. Only about 50% of prescription drugs can be removed by wastewater treatment facilities with the current best available technology. In the Great Lakes, six chemicals were detected frequently and had a low rate of removal in treated effluent: an herbicide, an anti-seizure drug, two antibiotic drugs, an antibacterial drug and an anti-inflammatory drug. Caffeine, acetaminophen and estriol (a natural estrogen) also were frequently detected in sewage but had high removal rates.

Triclosan, an antibacterial and antifungal compound found in some soaps, toothpastes and other consumer products, has proven acutely toxic to algae and can act as a hormone disruptor in fish.

Please return unused medications and/or needles to your local pharmacy for proper disposal.



