



It's real.

MEMORANDUM

To: Mayor and City Council Members
Douglas Faseler, City Manager

From: Emery E. Gallagher, Director of Water and Wastewater Utilities

Through: Rick Cortes, Assistant City Manager

Subject: Engineering Service for C-T Process Basin Covers

Date: April 07, 2017

Staff is requesting the approval of an engineering service agreement from TRC, for engineering of the C-T Process Basin Covers at the Seguin Water Purification Plant.

The Covers will assist in lowering the disinfection byproducts at the Surface Water Plant. These disinfection byproducts increase during summer months, due to the sun causing the chlorine to dissipate quicker, requiring a higher Chlorine dosage to maintain a Chlorine residual through the C-T process basin; these covers have shown a reduction in Chlorine usage similar to the weather.

Once constructed, these covers will have a beneficial impact to our surface water clients. Additionally, city staff anticipate a \$5,000 annual saving in chlorine costs due to the installation of these covers.

This engineering service will be funded through the 2017 Mid-Year Utility budget adjustment.

Staff is recommending approval of engineering services with TRC for the C-T Process basin covers for the Seguin Water Purification Plant and all related work in the amount of \$72,619.00. Staff will be available to answer any questions at the April 18, 2017 Council Meeting.