



Agenda Item Report

Meeting Type: Utilities Commission

Meeting Date: Thursday February 27, 2025

Item Title: Purchase of Midwest Chemical & Equipment Polymer Skid

Submitted By: Jacob R. Holbert, Utilities Director

Detailed Description of Subject Matter:

Columbus Wastewater Utility has been renting this chemical make-down skid for polymer since mid-2024. This was an experimental system that we were using to assist in obtaining higher cake solids with our vendors various polymer blends.

The system worked and greatly improved our ability to adjust chemical dosing as needed. We have been renting the unit for \$350 a month and I was approached about the future of our system and what we feel our need would be moving forward.

We will for sure need this polymer skid through the remainder of 2025 and into 2026 until our Biosolids project is completed, and since this polymer skid is modular it can be utilized with the valute press technology that we will be installing in 2026. So this skid would be placed in layup with mineral oil and would be available as a viable backup for our polymer delivery needs in the event we have a failure of the system in the future.

If we buy it now (February) the cost will be \$9,813. If we rent through the end of 2025 the cost in December would be \$8,763. With a savings of only \$1050 for the purchase when we would have paid over \$3500 in additional rent.

List all Supporting Documentation Attached:

1. Email communication on the subject

Action Requested of Council:

Request permission to purchase the Midwest Chemical & Equipment Polymer make-down skid for \$9,813.