



GRAND RAPIDS PUBLIC UTILITIES COMMISSION AGENDA ITEM

AGENDA DATE: May 27, 2026

AGENDA ITEM: Consider a motion to approve the procurement contract with Polydyne Inc. for the purchase of C-9545 cationic polymer for sludge dewatering for \$312,000 and authorize the General Manager to sign the contract.

PREPARED BY: Steve Mattson, Water/Wastewater Department Manager

BACKGROUND:

This procurement is for an approved 2026 Water Wastewater operating expense.

Polymer is used in wastewater sludge dewatering to improve the separation of water from solids by binding small sludge particles together into larger clumps called flocs. This process allows dewatering equipment (rotary screw thickeners and screw presses) to remove water more efficiently and producing a drier sludge cake with better solids capture. Effective polymer use helps reduce sludge hauling and disposal costs, improves equipment performance, and returns cleaner water back to the treatment process.

Polydyne provides polymer to greater than 95% of municipal wastewater plants. GRPU ran a competitive trial a few years ago with another supplier and the most suitable polymer was 40% more expensive and roughly 90% as effective.

The vendor's Certificate of Insurance has been verified to meet the contract requirement and is on file.

RECOMMENDATION:

Approve a motion to approve the procurement contract with Polydyne Inc. for the purchase of C-9545 cationic polymer for sludge dewatering for \$312,000 and authorize the General Manager to sign the contract.