



## CITY OF NORMAN, OK STAFF REPORT

---

**MEETING DATE:** 06/14/2022

**REQUESTER:** Scott Aynes, Utilities Manager

**PRESENTER:** Scott Aynes, Utilities Manager

**ITEM TITLE:** CONSIDERATION OF ADOPTION, REJECTION, AMENDMENT, AND/OR POSTPONEMENT OF RESOLUTION R-2122-132: A RESOLUTION OF THE NORMAN UTILITIES AUTHORITY APPROPRIATING \$24,000 FROM THE WATER RECLAMATION FUND BALANCE TO BE USED TO PURCHASE POLYMER FOR DEWATERING FOR THE REMAINDER OF FYE 2022.

---

### **BACKGROUND:**

The Norman Water Reclamation Facility (WRF) installed two sludge-dewatering centrifuges during the Sludge Handling Improvements Project (NUA Contract K-0607-38) in 2010. During the 2014 Phase 2 Construction Project, two additional centrifuges were installed to thicken waste-activated sludge. Polymer for all units is under contract with Polydyne Corporation until 2023. Polymer allows the dewatering units to more effectively dry sludge so it can be transported and land-applied with a “coffee grounds” consistency. This saves the Norman Utilities Authority (NUA) significant hauling costs versus hauling the sludge in a much heavier liquid state (i.e., six truckloads of liquid sludge are reduced to a single truckload of dried sludge by this process).

### **DISCUSSION:**

The dewatering units have been in service for over twelve (12) years and are scheduled to be replaced in fiscal year 2022-2023 (FYE 23) with a project currently in design (WW0326). Because the two centrifuges are nearing the end of their useful life, their operation has become increasingly inefficient. As a result, increased quantities of polymer are required to dry the sludge to the necessary solids content. Polymer is budgeted in Operating Chemicals (32955145-43108). At this point in the FYE 22, we have depleted the funds in this account and are requesting an additional \$24,000 to operate until the budget beginning of FYE23 (July 1, 2022).

### **RECOMMENDATION:**

Staff recommends the adoption of Resolution R-2122-132 for the appropriation of \$24,000 from the Water Reclamation Fund Balance (32-29000) into Operating Chemicals (32955145-43108).