

**Business Item 2018-130 SW:**  
**Sole Source Procurement for Motors and  
Drives for Effluent Pumps and Aeration  
Compressors**

Charles LaPierre, Manager, Electrical Maintenance

Environment Committee: May 22, 2018



# Objectives

- **Compressor Motors**
  - 1) Repair Compressor Motor #4
  - 2) Refurbish remaining 6 compressor motors
- **Effluent Pump Motors**
  - 1) Correct repair issues on Effluent Pump 529
  - 2) Refurbish remaining 3 effluent pump motors



# Drivers

- OEM vendor expertise
- OEM parts availability
- Competitive vendors unable to meet MCES specifications
- Electric motors are critical to MCES process



# Outcomes

- System Availability
- Age of Equipment
- Establish Equipment Condition
- Pro-Active Defect Elimination
  - 1) Added Vibration analysis
  - 2) Motor Condition Monitoring



# Thrive Lens Analysis

- Stewardship
  - Financial resources invested efficiently and effectively to maintain assets protecting the region's natural resources

# Proposed Action

- That the Metropolitan Council authorize the Regional Administrator to award and execute a sole source procurement contract in an amount not to exceed \$1,500,000 over a 5-year period from May 2018 to April 2023 with WEG Electric Corporation to provide original equipment manufactured parts and services for EM Motors 900HP – 5500HP and Regutron Eddy Current Drives used at Metropolitan Council Wastewater Treatment Plants.

# Questions