



# Metrogro Biosolids Applicator Purchase: Approval of Transaction Amount & 2022 Capital Budget Amendment

March 17, 2022

Madison Metropolitan Sewerage District



# OXBO self-propelled all-in-one applicator



Madison Metropolitan Sewerage District



# Biosolids Applicator Purchase Details

- **Price Quote: \$695,447**
  - Model 5105 LNMS
  - Demonstration machine, lightly used (350 hours)
  - Full new machine warranty/support
  - Zimmerman LDMI toolbar included
  - Good fit with reduced/no-till farming systems
  - GPS guidance aids in precision application
  - 30-40% increase in efficiency over older Terragator applicators



# Biosolids Applicator Purchase Considerations

- **New applicator listed in 2023 CIP**
  - Biosolids study recommended 4 Oxbo units
  - Taking advantage of unit being onsite
  - Can be used immediately
- **Supply chain issues create uncertainty**
  - No guarantee of new unit availability in 2023
  - Terragator parts experiencing long lead times and high shipping cost



# Commission Considerations

- **Addition of project to CIP**
  - Attachment ATT-2
    - Addition of a new project not in capital project budget
    - Simple majority vote needed for approval
- **Transaction Authority**
  - Attachment ATT-3
    - Transaction approval authority
    - Capital project fund equipment purchase over \$100,000.



# Commission Actions

- The Commission is requested to adopt resolution 2022-03-17-R8 to authorize the purchase of a biosolids applicator for the Metrogro program in an amount not to exceed \$700,000.
- The Commission is further requested to amend the 2022 Capital Projects Budget to include the purchase of this equipment in said amount.



**Thank you**

