

## Chicagoland Methane Recapture Project: Reducing GHG Emissions and Producing Renewable Natural Gas from Waste

### Lead Applicant Information

Fox Metro Water Reclamation District

Karen Clementi

[kclementi@foxmetro.org](mailto:kclementi@foxmetro.org)

630-892-4378



### Prepared For

Chicagoland Renewable Natural Gas Coalition

#### Including:

- Fox Metro Water Reclamation District
- Wheaton Sanitary District
- DuPage County Wastewater Division
- Fox River Water Reclamation District
- Kishwaukee Water Reclamation District
- Glenbard Wastewater Authority
- Kenosha Water Utility
- Village of Addison Wastewater Plant
- Forest Preserve District of DuPage County (Mallard Lake and Greene Valley landfills)
- Chicago Metropolitan Mayor's Caucus

### Funding Requested

\$ 196,301,500

### Brief Description of GHG Measure

Coalition members will develop the infrastructure necessary to capture all wastewater digester and landfill biogas for conversion to renewable natural gas, eliminating methane leakage and flaring while displacing fossil-derived natural gas production.

### Sectors

Waste and Materials Management

### Expected Total Cumulative GHG Emission Reductions

Member Type	2025-2030 GHG Reductions (MTCO <sub>2</sub> e)	2025-2050 GHG Reductions (MTCO <sub>2</sub> e)
Total	-273,016	-1,118,869

### Location

Chicago Metropolitan Statistical Area

### Applicable PCAP References

2024 Priority Climate Action Plan for the Chicago Metropolitan Statistical Area

Prepared by the Metropolitan Mayor's Caucus and the Chicago Metropolitan Agency for Planning  
Applicable GHG Reduction Measure: Capture biogas and convert to energy. (pg. 40,51,77)

[chicago-msa-pcap.pdf \(epa.gov\)](#)

### Prepared By

Stantec