

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

### **Lead Applicant Information**

**Fox Metro Water Reclamation District**

Karen Clementi

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630-892-4378

### **Prepared For**

**Chicagoland Renewable Natural Gas Coalition**

### **CONTENTS**

DuPage County Forest Preserve District

DuPage County Public Works

Fox River Water Reclamation District

Glenbard Wastewater Authority

Kenosha Water Utility

Kishwaukee Water Reclamation District

Village of Addison Public Works

Wheaton Sanitary District



## Forest Preserve District of DuPage County

35580 Naperville Road  
Wheaton, IL 60189

630.933.7200  
TTY 800.526.0857  
[dupageforest.org](http://dupageforest.org)

March 15, 2024

RE: Chicagoland Renewable Natural Gas Coalition Letter of Intent

Dear Selection Committee,

On behalf of the Forest Preserve District of DuPage County, I am writing to express our support for the Chicagoland Renewable Natural Gas (RNG) Coalition's Climate Pollution Reduction Grant (CPRG) application. The Chicagoland RNG project will capture biogas from publicly owned wastewater treatment facilities and municipal solid waste landfills and convert it into renewable natural gas thereby significantly reducing greenhouse gas emissions while supporting fuel security and diversity. The project will impact a region spanning fourteen counties and three states with a solution that is scalable, replicable and financially sustainable.

The CPRG aims to invest in a cleaner economy that will spur innovation and economic growth while building more equitable, resilient communities. The Chicago RNG project exemplifies this mission by working collaboratively across multiple municipalities, states, and agencies to invest in innovative infrastructure that will literally turn sewage and municipal solid wastes into revenue that can then be reinvested for community benefit. The project is anticipated to significantly reduce greenhouse gas emissions in a densely populated region struggling with environmental justice challenges that remains in non-attainment for National Ambient Air Quality Standards for ozone and particulate matter.

The Forest Preserve District of DuPage County's purpose is to acquire, preserve, protect and restore the natural resources of DuPage County while providing opportunities for people to connect to nature. The District owns 26,000 acres of land which contain 31 lakes and ponds, 47 miles of waterways, 931 types of native plants and 456 types of mammals, birds, reptiles and amphibians. More than 5.5 million people visit its 60 forest preserves, 166 miles of trails and seven education centers. The District owns four closed municipal solid waste landfills encompassing almost 1,000 acres and stewards these sites to protect and conserve human health and the natural environment. At these sites, the District implements strategies to mitigate greenhouse gas emissions from the landfills. The Chicagoland RNG project will significantly advance those efforts and drastically reduce the amount of greenhouse gases emitted.

Federal funding for the Chicagoland RNG project will further the Environmental Protection Agency's (EPA) Fiscal Year 2022-2026 Strategic Plan goals by aggressively reducing greenhouse gas emissions and actively reducing air pollution that negatively impacts human health and the environment of the more than 9.6 million residents in the nation's third-largest metropolitan region. This transformational project aligns with the Justice40 Initiative by ensuring that federal investments benefit disadvantaged communities across the nation.

For all of these reasons and more, the District enthusiastically supports the Chicagoland RNG project and intends to sign a Memorandum of Agreement with the Fox Metro Water Reclamation District who is the lead applicant, and other coalition members by July 1, 2024.

Sincerely,

Daniel Hebreard, President



**DUPAGE  
COUNTY**

**Woodridge Office**

**& Wastewater**

**630-985-7400**

**Billing**

**630-985-2905**

## PUBLIC WORKS DEPARTMENT

630-985-7400

Fax: 630-985-4802

publicworks@dupagecounty.gov

[www.dupagecounty.gov/publicworks](http://www.dupagecounty.gov/publicworks)

March 11, 2024

Dear Selection Committee,

### **RE: Chicagoland Renewable Natural Gas Coalition Letter of Intent**

On behalf of DuPage County Public Works, we are writing to express our support and commitment for the Chicagoland Renewable Natural Gas (RNG) coalition's Climate Pollution Reduction Grant Application. The Chicagoland RNG initiative will capture biogas from publicly owned wastewater treatment facilities in the Chicago MSA, and landfill biogas, and convert to renewable natural gas in a way that will significantly reduce GHG by 2030 and beyond. The project will impact a region spanning 14 counties and three states with a solution that is scalable, replicable, and financially sustainable.

The Climate Pollution Reduction Grant aims to invest in a cleaner economy that will spur innovation and economic growth while building more equitable, resilient communities. The Chicagoland RNG project exemplifies this mission by working collaboratively across multiple municipalities, states, and agencies to invest in innovative infrastructure that will turn literal waste into revenue. Income generated from the sale of captured biogas can then be reinvested for community benefit to provide cost-saving measures for low-income communities and finance additional GHG reduction strategies. The project is anticipated to significantly reduce GHG in a densely populated region plagued by environmental justice issues that remains in non-attainment for National Ambient Air Quality Standards for ozone and particulate matter.

DuPage County owns and operates 3 regional wastewater treatment facilities providing service to approximately 200,000 residents throughout the County. As a coalition member, we will support the project through outreach and public engagement and plan to implement biogas treatment and reuse as part of DuPage County's strategic initiatives goal to reduce greenhouse gas emissions.

Federal funding for the Chicagoland RNG Project will advance the Environmental Protection Agency's (EPA) Fiscal Year (FY) 2022-2026 Strategic Plan's goal to combat the climate crisis by aggressively reducing emissions that contribute to climate change while actively reducing air pollution that negatively impacts human health and environment of more than 9.6 million residents in the nation's third-largest metropolitan region. This transformational project aligns with President Biden's Justice40 Initiative by ensuring that federal investments benefit vulnerable residents in the most disadvantaged communities across the nation.

For all these reasons and more, DuPage County is fully committed to the Chicagoland RNG Project and intends to sign a Memorandum of Agreement with Fox Metro Water Reclamation District (lead applicant) and other coalition members by July 1, 2024.

Sincerely,

Sean Reese,  
DuPage County Public Works Operations Manager



March 11, 2024

Dear Selections Committee,

The Fox River Water Reclamation District (FRWRD) is pleased to affirm our support and commitment to the Chicagoland Renewable Natural Gas (RNG) Coalition in pursuit of the Climate Pollution Reduction Grant. This ambitious initiative seeks to capture and convert biogas from public wastewater treatment facilities and landfills across the Chicago Metropolitan Statistical Area (MSA) into renewable natural gas. Aiming for a significant reduction in greenhouse gas emissions by 2030 and beyond, the project covers an extensive area across 14 counties in three states, showcasing a scalable, replicable, and economically sustainable model.

The Chicagoland RNG initiative is poised to drive economic growth and spur innovation while fostering more equitable and resilient communities. By collaboratively engaging with various municipalities, states, and agencies, the project underscores the transformative potential of turning waste into revenue. This approach not only generates income from the sale of biogas but also reinvests in community benefits, particularly for low-income areas, and supports additional strategies to reduce greenhouse gases. The significance of this project is underscored by its potential to address environmental justice issues in a region that struggles with air quality standards compliance, impacting a densely populated area.

As an independent unit of local government serving approximately 200,000 residents in Northern Kane County and Northwest Cook County, Illinois, FRWRD brings a unique perspective and valuable contribution to the coalition. Our engagement will extend beyond outreach and public engagement; we plan to enhance our facility's capabilities to treat biogas and convert it into RNG. This advancement will not only support the coalition's goals but also align with FRWRD's commitment to environmental stewardship and sustainability. By integrating innovative technologies and practices, we aim to significantly reduce greenhouse gas emissions, contributing to the well-being and environmental health of our community.

The support for the Chicagoland RNG Project aligns with the Environmental Protection Agency's (EPA) Strategic Plan for Fiscal Years 2022-2026, aimed at combating climate change and reducing emissions. It resonates with the ethos of President Biden's Justice40 Initiative, ensuring federal investments benefit the most vulnerable communities nationwide.

In recognition of the project's alignment with our goals and its potential to make a meaningful impact, FRWRD looks forward to formally joining this effort through a Memorandum of Agreement with the Fox Metro Water Reclamation District (the lead applicant) and other coalition members by July 1, 2024.

Sincerely,

Eric J. Johnson, J.D.  
Executive Director



## **Glenbard Wastewater Authority**

945 Bemis Road Glen Ellyn, Illinois 60137  
Telephone: 630-790-1901 – Fax: 630-858-8119

March 8, 2024

Dear Selection Committee,

RE: Chicagoland Renewable Natural Gas Coalition Letter of Intent

On behalf of the Glenbard Wastewater Authority, we are writing to express our support and commitment for the Chicagoland Renewable Natural Gas (RNG) coalition's Climate Pollution Reduction Grant Application. The Chicagoland RNG initiative will capture biogas from publicly owned wastewater treatment facilities in the Chicago MSA, and landfill biogas, and convert to renewable natural gas in a way that will significantly reduce GHG by 2030 and beyond. The project will impact a region spanning 14 counties and three states with a solution that is scalable, replicable, and financially sustainable.

The Climate Pollution Reduction Grant aims to invest in a cleaner economy that will spur innovation and economic growth while building more equitable, resilient communities. The Chicagoland RNG project exemplifies this mission by working collaboratively across multiple municipalities, states, and agencies to invest in innovative infrastructure that will turn literal waste into revenue. Income generated from the sale of captured biogas can then be reinvested for community benefit to provide cost-saving measures for low-income communities and finance additional GHG reduction strategies. The project is anticipated to significantly reduce GHG in a densely populated region plagued by environmental justice issues that remains in non-attainment for National Ambient Air Quality Standards for ozone and particulate matter.

The Glenbard Wastewater Authority is a municipal Authority that was formed through an intergovernmental agreement between the Village's of Glen Ellyn and Lombard, and provides wastewater treatment services to approximately 90,000 residents in both Villages and surrounding areas of unincorporated DuPage County, Illinois. As a coalition member, we will support the project through outreach and public engagement and plan to implement biogas treatment and conversion to RNG at our facility that will result in significant GHG reductions.

Federal funding for the Chicagoland RNG Project will advance the Environmental Protection Agency's (EPA) Fiscal Year (FY) 2022-2026 Strategic Plan's goal to combat the climate crisis by aggressively reducing emissions that contribute to climate change while actively reducing air pollution that negatively impacts human health and environment of more than 9.6 million residents in the nation's third-largest metropolitan region. This transformational project aligns with President Biden's Justice40 Initiative by ensuring that federal investments benefit vulnerable residents in the most disadvantaged communities across the nation.

***Protecting the Environment for Tomorrow***

For all these reasons and more, the Glenbard Wastewater Authority is fully committed to the Chicagoland RNG Project and intends to sign a Memorandum of Agreement with Fox Metro Water Reclamation District (lead applicant) and other coalition members by July 1, 2024.

Sincerely,

A handwritten signature in dark ink, appearing to read "Matt Streicher", with a long horizontal flourish extending to the right.

Matthew Streicher  
Executive Director



## Board of Water Commissioners

David Bogdala, Chairman  
Bill Siel, Vice Chairman  
Anthony Kennedy  
Dave Mau  
Jack Rose  
Dominic Ruffalo



## Curt Czarnecki, P.E.

General Manager  
4401 Green Bay Road  
Kenosha, WI 53144  
Phone (262) 653-4300  
Fax (262) 653-4320

**"Providing and Protecting Kenosha's Greatest Natural Resource...Water"**

March 11, 2024

Dear Selection Committee,

### **RE: Chicagoland Renewable Natural Gas Coalition Letter of Intent**

On behalf of the Kenosha Water Utility, we are writing to express our support and commitment for the Chicagoland Renewable Natural Gas (RNG) coalition's Climate Pollution Reduction Grant Application. The Chicagoland RNG initiative will capture biogas from publicly owned wastewater treatment facilities in the Chicago MSA, and landfill biogas, and convert to renewable natural gas in a way that will significantly reduce GHG by 2030 and beyond. The project will impact a region spanning 14 counties and three states with a solution that is scalable, replicable, and financially sustainable.

The Climate Pollution Reduction Grant aims to invest in a cleaner economy that will spur innovation and economic growth while building more equitable, resilient communities. The Chicagoland RNG project exemplifies this mission by working collaboratively across multiple municipalities, states, and agencies to invest in innovative infrastructure that will turn literal waste into revenue. Income generated from the sale of captured biogas can then be reinvested for community benefit to provide cost-saving measures for low-income communities and finance additional GHG reduction strategies. The project is anticipated to significantly reduce GHG in a densely populated region plagued by environmental justice issues that remains in non-attainment for National Ambient Air Quality Standards for ozone and particulate matter.

The Kenosha Water Utility is a municipally-owned, fiscally independent public utility providing drinking water and wastewater services to more than 125,000 people in the greater Kenosha area, including the City of Kenosha, and the Villages of Bristol, Pleasant Prairie, and Somers in Kenosha County, Wisconsin. As a coalition member, the Kenosha Water Utility recognizes the urgency to address GHG pollution contributing to climate change. The Kenosha Water Utility plans to implement biogas treatment and conversion to RNG at our facility that will result in significant GHG reductions.

Federal funding for the Chicagoland RNG Project will advance the Environmental Protection Agency's (EPA) Fiscal Year (FY) 2022-2026 Strategic Plan's goal to combat the climate crisis by aggressively reducing emissions that contribute to climate change while actively reducing air pollution that negatively impacts human health and environment of more than 9.6 million residents in the nation's third-largest metropolitan region. This transformational project aligns with President Biden's Justice40 Initiative by



## Board of Water Commissioners

David Bogdala, Chairman  
Bill Siel, Vice Chairman  
Anthony Kennedy  
Dave Mau  
Jack Rose  
Dominic Buffalo



## Curt Czarnecki, P.E.

General Manager  
4401 Green Bay Road  
Kenosha, WI 53144  
Phone (262) 653-4300  
Fax (262) 653-4320

**"Providing and Protecting Kenosha's Greatest Natural Resource...Water"**

ensuring that federal investments benefit vulnerable residents in the most disadvantaged communities across the nation.

For all these reasons and more, the Kenosha Water Utility is fully committed to the Chicagoland RNG Project and intends to sign a Memorandum of Agreement with Fox Metro Water Reclamation District (lead applicant) and other coalition members by July 1, 2024.

Sincerely,

A handwritten signature in black ink, appearing to read "Curt Czarnecki".

Curtis Czarnecki



**BOARD OF TRUSTEES**

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**ADMINISTRATION**

MARK EDDINGTON, P.E.  
EXECUTIVE DIRECTOR

MIKE HOLLAND, P.E.  
TECHNICAL SERVICES DIRECTOR

JASON ROBBINS  
OPERATIONS MANAGER

TRACY ZENKNER  
ADMINISTRATIVE ASSISTANT

March 12, 2024

**RE: Chicagoland Renewable Natural Gas Coalition Letter of Intent**

Dear Selection Committee:

The Kishwaukee Water Reclamation District (KWRD) is pledging its commitment to the Chicagoland Renewable Natural Gas (RNG) coalition's Climate Pollution Reduction Grant Application. The Chicagoland RNG initiative will capture biogas from publicly owned treatment works and landfills in the Chicago MSA. This biogas will be converted to renewable natural gas, significantly reducing GHG by 2030 and beyond. This project will impact a region spanning 14 counties and three states with a solution that is scalable, replicable, and financially sustainable.

The Climate Pollution Reduction Grant will build a cleaner economy spurring innovation and economic growth while building more equitable, resilient communities. This project exemplifies this mission by working collaboratively across multiple municipalities, states, and agencies to invest in innovative infrastructure that will convert waste to renewable power and revenue. Income generated from the sale of captured biogas can then be reinvested for community benefit to provide cost-saving measures for low-income communities and finance additional GHG reduction strategies. This project will significantly reduce GHG in a densely populated region plagued by environmental justice issues that remains in non-attainment for National Ambient Air Quality Standards for ozone and particulate matter.

The KWRD is an independent unit of local government with a mission to provide environmentally and economically sustainable solutions for our region's wastewater needs. KWRD is responsible for wastewater collection, treatment, and disposal for nearly 50% of the residents in DeKalb County. Our customers include the City of DeKalb, NIU, Kishwaukee College, and the Village of Malta. This consortium has the potential to become a force-multiplier to all our local efforts to reduce GHG as we drive to become net-zero public utilities.

Federal funding for the Chicagoland RNG Project will advance the Environmental Protection Agency's (EPA) Fiscal Year (FY) 2022-2026 Strategic Plan's goal to combat the climate crisis by aggressively reducing emissions that contribute to climate change while actively reducing air pollution that negatively impacts human health and environment of more than 9.6 million residents in the nation's third-largest metropolitan region. This transformational project aligns with President Biden's Justice40 Initiative by ensuring that federal investments benefit vulnerable residents in the most disadvantaged communities across the nation.

Kishwaukee WRD is committed to the Chicagoland RNG Project and intends to sign a Memorandum of Agreement with Fox Metro WRD (lead applicant) and other coalition members by July 1, 2024.

Sincerely,

**Kishwaukee Water Reclamation District**

A handwritten signature in blue ink, appearing to read "Mark Eddington", is written over a faint circular stamp.

Mark Eddington, P.E.  
Executive Director



# Village of Addison

## Public Works DEPARTMENT ENVIRONMENTAL SERVICES DIVISION

March 11, 2024

Dear Selection Committee,

**RE: Chicagoland Renewable Natural Gas Coalition Letter of Intent**

On behalf of the Village of Addison, we express our support and commitment to the Chicagoland Renewable Natural Gas (RNG) coalition's Climate Pollution Reduction Grant Application. The Chicagoland RNG initiative will capture biogas from publicly owned wastewater treatment facilities in the Chicago MSA, and landfill biogas, and convert it to renewable natural gas to significantly reduce GHG by 2030 and beyond. The project will impact a region spanning 14 counties and three states with a scalable, replicable, and financially sustainable solution.

The Climate Pollution Reduction Grant aims to invest in a more sustainable future, leading to innovation and economic growth while building more equitable, resilient communities. The Chicagoland RNG project exemplifies this mission by working collaboratively across multiple municipalities, states, and agencies to invest in innovative infrastructure that will turn literal waste into revenue. Income generated from the sale of captured biogas can then be reinvested for community benefit to provide cost-saving measures for low-income communities and finance additional GHG reduction strategies. The project is anticipated to significantly reduce GHG in a densely populated region plagued by environmental justice issues that remain in non-attainment for National Ambient Air Quality Standards for ozone and particulate matter.

The Village of Addison is a home-rule municipal government that provides many services, including wastewater treatment, to roughly 36,000 residents and the fourth largest industrial park in Illinois. As a member of this coalition, we support the initiatives of this project in order to reduce GHG and increase RNG. We strive to be a steward of building a sustainable future and improving the environment.

Federal funding for the Chicagoland RNG Project will advance the Environmental Protection Agency's (EPA) Fiscal Year (FY) 2022-2026 Strategic Plan's goal to combat the climate crisis by aggressively reducing emissions that contribute to climate change while actively reducing air pollution that negatively impacts human health and environment of more than 9.6 million residents in the nation's third-largest metropolitan region. This transformational project aligns with President Biden's Justice40 Initiative by ensuring federal investments benefit vulnerable residents in the most disadvantaged communities nationwide.

For all these reasons and more, the Village of Addison is fully committed to the Chicagoland RNG Project. We intend to sign a Memorandum of Agreement with Fox Metro Water Reclamation District (lead applicant) and other coalition members by July 1, 2024.

Sincerely,

  
Joseph Maranowicz  
Village Manager

**EXECUTIVE DIRECTOR**  
MATTHEW A. LARSON, P.E., J.D.

**ATTORNEY**  
ROGER A. RITZMAN

**TRUSTEES**  
SARAH L. CZAPLICKI  
HENRY S. STILLWELL III  
JEFFREY R. WALKER

**WHEATON SANITARY DISTRICT**  
**1S649 SHAFFNER ROAD**  
**WHEATON, ILLINOIS 60189**  
**PHONE: 630.668.1515**  
**WWW.WSD.DST.IL.US**

**MAINTENANCE SUPERVISOR**  
JASON ACKMANN

**IT MANAGER**  
DANIEL ROGERS

**BILLING & COLLECTIONS SUPERVISOR**  
MICHELE SALEMI

**SENIOR MANAGER OF OPERATIONS**  
DENNIS HAILE

**AP/HR ADMINISTRATOR**  
BERNADETTE JEFFERSON

March 8, 2024

Dear Selection Committee,

**RE: Chicagoland Renewable Natural Gas Coalition Letter of Intent**

On behalf of the Wheaton Sanitary District, we are writing to express our support and commitment for the Chicagoland Renewable Natural Gas (RNG) Coalition's Climate Pollution Reduction Grant application. The Chicagoland RNG project will capture biogas from publicly owned wastewater treatment facilities in the Chicago MSA, as well as landfill biogas, and convert it to renewable natural gas in a way that will significantly reduce GHG by 2030 and beyond. The project will impact a region spanning 14 counties and three states with a solution that is scalable, replicable, and financially sustainable.

The Climate Pollution Reduction Grant aims to invest in a cleaner economy that will spur innovation and economic growth while building more equitable, resilient communities. The Chicagoland RNG project exemplifies this mission by working collaboratively across multiple municipalities, states, and agencies to invest in innovative infrastructure that will turn literal waste into revenue. Income generated from the sale of captured biogas can then be reinvested for community benefit to provide cost-saving measures for low-income communities and finance additional GHG reduction strategies. The project is anticipated to significantly reduce GHG in a densely populated region plagued by environmental justice issues that remains in non-attainment for National Ambient Air Quality Standards for ozone and particulate matter.

The Wheaton Sanitary District is an independent unit of local government that provides wastewater treatment services to around 60,000 residents in central DuPage County, Illinois. As a coalition member, we will support the project through outreach and public engagement and plan to implement biogas treatment and conversion to RNG at our facility that will result in significant GHG reductions.

Federal funding for the Chicagoland RNG project will advance the Environmental Protection Agency's (EPA) Fiscal Year (FY) 2022-2026 Strategic Plan's goal to combat the climate crisis by aggressively reducing emissions that contribute to climate change while actively reducing air pollution that negatively impacts human health and the environment of more than 9.6 million residents in the nation's third-largest metropolitan region. This transformational project aligns with President Biden's Justice40 Initiative by ensuring that federal investments benefit vulnerable residents in the most disadvantaged communities across the nation.

For all these reasons and more, the Wheaton Sanitary District is fully committed to the Chicagoland RNG project and intends to sign a Memorandum of Agreement with Fox Metro Water Reclamation District (lead applicant) and other coalition members by July 1, 2024.

Sincerely,



Matthew A. Larson  
Executive Director

**Protecting Public Health - Preserving the Environment**  
**Efficiently in a Cost-Effective Manner**