

NOTE: USE OF THIS EXAMPLE COVER PAGE IS OPTIONAL. IF THIS INFORMATION IS PROVIDED IN A DIFFERENT FORMAT, EPA WILL NOT REVIEW AN APPLICATION UNFAVORABLY.

**CPRG IMPLEMENTATION GRANTS COMPETITION
COVER PAGE FOR APPLICATION**

APPLICANT INFORMATION

Organization	The City of Cedar Rapids
Primary Contact Name	Sara Maples
Phone Number	319-286-5927
Email Address	s.maples@cedar-rapids.org

TYPE OF APPLICATION ☐ Individual Applicant ☒ Lead Applicant for a Coalition

If lead applicant for a coalition, provide a list of the coalition members below.

The City of Iowa City

FUNDING REQUESTED: *Provide total EPA CPRG Implementation Grant funding requested.*

\$ 125,001,625

APPLICATION TITLE: *Provide the title of your proposed project.*

Accelerating Methane Capture and Renewable Natural Gas Adoption at Wastewater Facilities in Eastern Iowa
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BRIEF DESCRIPTION OF GHG MEASURES: *Describe each GHG reduction measure contained in the application (1-2 sentences each).*

The cities of Cedar Rapids and Iowa City propose the integration of anaerobic biodigester systems at their respective wastewater treatment facilities to capture methane from biogas production. Captured methane, once cleaned, will be injected into the natural gas grid as Renewable Natural Gas (RNG), thereby reducing reliance on non-renewable natural gas in the Iowa region. Additionally, by transporting industrial waste to the wastewater treatment plants, both cities aim to boost biogas production. By diverting waste from landfills, this approach increases RNG production and reduces additional methane gas generation.
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SECTORS: *Identify the sector(s) associated with the GHG reduction measures included in the application.*

- | | |
|--|--|
| <input type="checkbox"/> Industry | <input type="checkbox"/> Commercial and Residential Buildings |
| <input type="checkbox"/> Electricity Generation | <input type="checkbox"/> Agriculture/Natural and Working Lands |
| <input type="checkbox"/> Transportation | <input checked="" type="checkbox"/> Waste and Materials Management |
| <input type="checkbox"/> Other (please describe) | <input type="text"/> |

EXPECTED TOTAL CUMULATIVE GHG EMISSION REDUCTIONS

For all proposed measures combined, provide the estimated cumulative GHG reductions:

Estimated cumulative GHG reductions for 2025-2030 (in metric tons)

54,617

Estimated cumulative GHG reductions from 2025-2050 (in metric tons)

419,398

LOCATIONS: *List the primary location(s) where the proposed measures will be implemented*

City

State; Territory; Federally recognized Tribe

APPLICABLE PRIORITY CLIMATE ACTION PLAN(S) (PCAP) ON WHICH MEASURES ARE BASED

PCAP Lead Organization(s):

PCAP Title(s):

PCAP Website link(s) (if applicable):

List of GHG reduction measures and PCAP page reference for each measure:

Page 4 and 16 of the PCAP refer to the wastewater methane capture GHG reduction measure.