

KIM DAVID
COMMISSIONER

BOB ANTHONY
COMMISSIONER

TODD HIETT
COMMISSIONER



April 20, 2023

Scott Thompson, Executive Director
Oklahoma Department of Environmental Quality
707 N. Robinson Ave.
Oklahoma City, OK 73101

Dear Mr. Thompson:

Please accept this letter of support for the Climate Pollution Reduction Grant application to be submitted by Oklahoma Department of Environmental Quality.

This opportunity would solidify our collaboration on abandoned/orphaned wells; assisting in characterizing the well sites, identifying emission sources, collection of onsite emissions data, and potentially develop data to better quantify the impact of orphan wells on climate. Working together, OCC and DEQ can support our overall goal of reducing methane emissions in the State of Oklahoma.

Sincerely,

A handwritten signature in black ink, appearing to read "Brandy Wreath", is written over a light blue horizontal line.

Brandy Wreath
Director of Administration & Appointing Authority
Oklahoma Corporation Commission

April 18, 2023

Scott Thompson
Executive Director
Oklahoma Department of Environmental Quality
P.O. Box 1677
Oklahoma City, OK, 73101-1677

Re: Climate Pollution Reduction Grants Program – State Application Package

Dear Director Thompson:

The Association of Central Oklahoma Governments (ACOG) is pleased to submit this letter in support of the Oklahoma Department of Environmental Quality (ODEQ) application package for the Climate Pollution Reduction Grants Program (CPRG). ACOG and ODEQ have a long history of coordination and collaboration in protecting and improving public health and the environment. The CPRG is an opportunity to strengthen this partnership and advance mutual air quality improvement goals.

In working together with the state and other councils of government (including the Indian Nations Council of Governments as the expected lead organization for the Tulsa MSA), ACOG believes that there will be a high level of interagency coordination and stakeholder engagement in Oklahoma. ACOG has several previously developed air quality, transportation, community development, and economic development plans that include potential climate action measures for a Priority Climate Action Plan (PCAP) and a Comprehensive Climate Action Plan (CCAP).

We look forward to the next steps on CPRG plan developments in the state.

Sincerely,



Mark W. Sweeney, AICP
Executive Director



April 19, 2023

Submitted via <http://www.regulations.gov>

Kendal Stegmann, Director
Air Quality Division
Oklahoma Department of Environmental Quality
707 N. Robinson Ave.
Oklahoma City, OK 73102

Re: Climate Reduction Pollution Grant – Letter of Support

Dear Ms. Stegmann:

The Petroleum Alliance of Oklahoma (“The Alliance”) appreciates the opportunity to discuss the Climate Reduction Pollution Grant and the potential mutual benefits to the Oklahoma Department of Environmental Quality (“ODEQ”) and the oil and gas industry. We support ODEQ’s efforts to obtain these funds for projects to obtain empirical, Oklahoma specific emissions data from existing oil and gas facilities that will more accurately reflect methane emissions and/or identify appropriate and economic technologies and requirements to reduce or eliminate emissions from existing oil and gas facilities.

The Alliance represents more than 1,400 individuals and member companies and their tens of thousands of employees in the upstream, midstream, and downstream sectors and ventures ranging from small, family-owned businesses to large, publicly traded corporations. Our members produce, transport, process and refine the bulk of Oklahoma’s crude oil and natural gas. Our members are committed to extracting, producing, transporting, and refining crude oil and natural gas in a safe and environmentally-sound manner.

We think there may be substantial benefits in ODEQ obtaining these funds and conducting studies that collect more accurate emission data from the oil and gas industry. For example, empirical emission data may support revisions to EPA’s outdated and inaccurate emission factors that overestimate emissions for sources regulated under NSPS OOOOa/b/c, support ODEQ’s efforts in developing defensible, reasonable and appropriate requirements for its future NSPS OOOOc program, support revisions to EPA’s Greenhouse Gas Inventory rule as it relates to oil and gas sector, and inform EPA’s forthcoming methane tax rules and requirements. Additionally, obtaining these funds for studies may help ODEQ identify practical and economical solutions to reduce or eliminate emissions or find and fix leaks quickly at existing oil and gas facilities while providing operators, especially small oil and gas businesses with low production wells, economic, compliance options. As such, we offer the following thoughts on oil and gas studies for ODEQ’s consideration.

1. Consider obtaining onsite, source specific emissions to improve methane emissions data from existing, lower producing oil and gas facilities:
 - a. Categorize sites into specific production rates (e.g., 1-5 barrels per oil equivalent per day (“BOEPD”), 5-10 BOEPD, 10-15 BOEPD, etc.).



THE PETROLEUM ALLIANCE
OF OKLAHOMA

- b. Identify the type of equipment and the quantity of emission sources at existing facilities within the different production rate categories,
 - c. Collect onsite emission data from each source, and
 - d. Develop emission factors for the facility and/or emission sources within the different production rate categories, if possible.
2. Consider collaborating with the Oklahoma Corporation Commission to obtain onsite, emission data from unplugged orphan wells (where no viable operator exists):
 - a. Characterize the well sites,
 - b. Identify emission sources and collect onsite emission data at these sites, and
 - c. Develop emission factors for the facility and/or sources at these types of wells, if possible.
 3. Consider studies to identify existing, economical technologies that smaller operators can use instead of optical gas imaging technology to find and fix leaks quickly.

The Alliance appreciates the opportunity to support ODEQ's effort to obtain funding to conduct studies to collect empirical emission data that is more accurate to inform future regulation of oil and gas facilities. If you have questions, please contact me at angie@okpetro.com or at 405-601-2124.

Sincerely,

Angie Burckhalter
Senior V.P. of Regulatory & Environmental Affairs



OFFICE OF THE GOVERNOR

The Chickasaw Nation
Post Office Box 1548 • Ada, Oklahoma 74821
(580) 436-2603 • Fax (580) 436-4287
<http://www.chickasaw.net>

BILL ANOATUBBY
GOVERNOR

April 25, 2023

Mr. Scott Thompson, Executive Director
Oklahoma Department of Environmental Quality
707 North Robinson Avenue
Oklahoma City, OK 73101

Dear Mr. Thompson:

The Chickasaw Nation is pleased to offer this letter in support of your application to the United States Environmental Protection Agency for a Climate Pollution Reduction Grant. Responsible stewardship of the environment has been a deeply held value of the Chickasaw people throughout our history. Development and implementation of plans for reducing greenhouse gas emissions and harmful air pollution is one of the most important steps we can take to help preserve a clean and healthy environment for future generations of our people.

The Chickasaw Nation looks forward to working with the Oklahoma Department of Environmental Quality in support our mutual goal of reducing greenhouse gas emissions and air pollution in our region. Please contact Mr. Kristopher Patton, Director of Natural Resources, at (580) 399-8975 or kristopher.patton@chickasaw.net with any questions.

Sincerely,

Bill Anoatubby, Governor
The Chickasaw Nation



The City of
OKLAHOMA CITY
Department of Public Works

April 21, 2023

Scott Thompson, Executive Director
Oklahoma Department of Environmental Quality
707 N. Robinson Ave.
Oklahoma City, OK 73101

RE: Oklahoma City Micronet Project

Dear Reviewers:

On behalf of the City of Oklahoma City, Public Works Department, please accept this letter of support for the Climate Pollution Reduction Grant application to be submitted by Oklahoma Department of Environmental Quality.

Some background, in 2009, we were able to build a micronet of weather stations in Oklahoma City, with the cooperation of the Oklahoma Mesonet, it was a major boost to the City and multiple agencies. Due to lack of funding, we had to stand down that system, with the hopes of building it again.

The current new system that we in the process of building will allow us to expand our ability to track and research. The City is 621 square miles and with only one official recording station at Will Rogers Airport at the SW corner of the City it is very difficult to give that is the only source of information. The city is so large, we have had storms and weather patterns very diverse from what was recorded at the station at Will Rogers to the far sides of the City.

- Develop new dispersion tools and technologies (e.g., simulated plumes, etc.)
- Determine the impact of severe weather on OKC.
- Assess the relationship between urban atmospheric processes and public health.
- Improved road weather information for OKC
- Real-time diagnosis of potential flood risk areas during heavy precipitation events
- Products geared to first responders (dispersion maps, etc.)
- Improved urban forecasts (e.g., heat advisories, flood warnings, etc)
- Building ways to track weather patterns for reducing pollution.

If this planning grant is awarded, we will be working collaboratively, within the partnership between The City of Oklahoma City and the Oklahoma Climatological Survey and OU's Institute for Resilient Environmental and Energy Systems, with DEQ to plan for expansion of sites and sensor types across the City. Working together, our partnerships and DEQ can support our overall goal of reducing carbon pollution in the State of Oklahoma.

Sincerely,

A handwritten signature in blue ink that reads "Eric Wenger".

Eric Wenger
Public Works Director/City Engineer
Public Works Administration
420 W Main, Suite 700
Oklahoma City, OK 73102

Oklahoma

All-Black Towns
State Conference

Chairman Dr. Donnie L. Nero Sr.

110126 N 3830 RD
Clearview, Oklahoma 74880
918 260-8132 dr.donnielee@aol.com

Secretary Shirley A. Ballard Nero

110126 N 3830 Rd
Clearview, Oklahoma 74880
918 698-6037 annnero@aol.com

Affiliations: Oklahoma Conference of Black Mayors and the Oklahoma History Center, Oklahoma City, Oklahoma

April 20, 2023

To Whom It May Concern,


The Black Towns of Oklahoma are pleased to support the Oklahoma Department of Environmental Quality (DEQ) and the State of Oklahoma's efforts to obtain an EPA-CPRG planning grant in needed workforce development related to environmental monitoring. The Black Towns have developed a consortium among the Oklahoma Conference of Black Mayors, Oklahoma History Center, Langston University, Oklahoma State Agencies, and USDA. The predominate goal is to improve the infrastructure of the towns and to collect, preserve, and share the historical narratives of each town. In addition, the History Center provides grants in training and basic knowledge in the development of preservation while Langston University provides techniques in the use of agriculture to rural towns in elimination climate pollution and Green House Gas Reduction through effective monitoring and remediation while introducing innovative technologies.

We are excited to leverage this partnership. Also, The Black Towns of Oklahoma supports specific and ancillary training related to support for businesses and citizens of Oklahoma. The Black Towns of Oklahoma exists to strengthen our support of existing local industry and companies considering expansion into the rural areas of Oklahoma.

The Black Towns of Oklahoma each have their own areas of specialization and can combine resources to complement each other. They may share ideas, special and legal services, community centers, and programs, as a common goal to work together for the better.

The Black Towns of Oklahoma has a long and extensive history in Oklahoma. The towns can and will bring economic development to the state by providing economic development through grants and infrastructure and rural development. The Black Towns of Oklahoma looks forward to partnering with DEQ and other agencies to create a sustainable greenhouse gas reduction program in Oklahoma.

The Black Towns of Oklahoma,



Dr. Donnie L. Nero Sr.
State Conference Chair

April 24, 2023

Scott Thompson, Executive Director
Oklahoma Department of Environmental Quality 707 N. Robinson Ave.
Oklahoma City, OK 73101

Re: Climate Reduction Grants Program – State Application Package Dear Mr. Thompson:

The Disaster Resilience Network (DRN), on behalf of its Board of Directors and the community we serve, submits this letter in support of the Oklahoma Department of Environmental Quality (DEQ) submitting the Climate Pollution Reduction Grant application to the U.S. Environmental Protection Agency.

DRN is a non-profit organization driven, as stated in our Mission, to empower people, businesses, and communities to reduce the impact of disasters. We carry out this mission by focusing in three major areas:

1. Providing materials and learning sessions in multiple languages through our Cross-Cultural Council.
2. Educating small businesses on preparedness through our Business Council.
3. Promoting stronger and weather-resistant homes through our Housing Council.

To this end, DRN is happy to assist DEQ in their outreach to include communities of color, tribal and low-income and disadvantaged communities and also the building communities to assist in addressing energy efficiency and improving the built environment to help reduce carbon pollution in Oklahoma through our Cross-Cultural and Housing Councils, respectively, in the DEQ's inclusive planning and implementing meetings and workshops with stakeholders. We believe DRN, through these Councils, will positively contribute to the DEQ's ability to develop their plan to reduce climate pollution by expanding reach to these communities.

DRN looks forward to being involved in the Climate Reduction Grants Program development with the DEQ.

Sincerely,



Beth Wild
Vice President



ENVIRONMENTAL FEDERATION OF OKLAHOMA

April 19, 2023

Scott Thompson, Executive Director
Oklahoma Department of Environmental Quality
707 N. Robinson Ave.
Oklahoma City, OK 73101

Re: Climate Reduction Grants Program – State Application Package

Dear Mr. Thompson:

The Environmental Federation of Oklahoma (EFO), on behalf of its member companies, submits this letter in support of the of the Oklahoma Department of Environmental Quality (DEQ) submitting the Climate Pollution Reduction Grant application to the U.S. Environmental Protection Agency.

EFO is a non-profit organization providing Oklahoma Industry a voice in the formulation and implementation of environmental laws, regulations, and policies. EFO's goal is to ensure an appropriate balance between protection of Oklahoma's environment and responsible economic growth which recognizes the relationship between an enhanced quality of life with a strong economy and a healthy environment.

We believe that the inclusion of planning and implementing meetings, and workshops with stakeholders will lead to better plans, programs and policies in Oklahoma. We also believe that this grant will further the DEQ's ability to develop their plan to reduce climate pollution by expanding the types of studies, assessments, and data collection needed for a plan that will revitalize the Oklahoma energy and manufacturing sectors as well as creating good-paying jobs .

EFO looks forward to being involved in the Climate Reduction Grants Program development with the DEQ.

Sincerely,

Howard Ground
President

4 N.E. 10TH STREET #443
OKLAHOMA CITY, OK 73104
405.942.2334

efo@envirofdok.org - www.envirofdok.org



Vice President for Research

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April 18, 2023

Scott Thompson, Executive Director
Oklahoma Department of Environmental Quality
707 N. Robinson Ave.
Oklahoma City, Oklahoma 73101

RE: OSU's Support for the State of Oklahoma's Climate Pollution Reduction Grant (EPA)

Dear Mr. Thompson:

Oklahoma State University (OSU) is pleased to be a collaborating partner on the State of Oklahoma's workplan to execute the State's Climate Pollution Reduction Grant. There are numerous OSU faculty with specific expertise to assist in several of the target areas of the workplan, including:

- Carbon Capture, Utilization, and Storage (CCUS)
- Drones for Methane Detection and Monitoring
- Orphan and Abandoned Well Mitigation and Repurposing
- Integration and Uptake of Hybrid and Electric Vehicle (EV) Technologies
- Workforce Development at All Levels of Need

In addition to faculty expertise, OSU has numerous institute/centers, laboratories, test-bed field sites, and other R&D infrastructure assets that we will bring to bear in the partnership, as well as the energies and creativity of student researchers working under the direction of our faculty experts. Additionally, OSU researchers have established and on-going collaborations with many of the other partners that the State of Oklahoma's project leads are assembling to carry out the workplan; so working across institutions will be seamless.

The work that we will collectively carry out via this partnership will be crucial to the health and well-being of Oklahomans and the Oklahoma economy as our nation proceeds into the new energy economy. Rest assured that the project has the full support of Oklahoma State University's substantial research and workforce development enterprise.

Sincerely,

Kenneth W. Sewell, Ph.D.
Vice President for Research

Representative Expertise at Oklahoma State University

Addendum to VPR Sewell's Support Letter

Area	Name	Discipline	Email Address	Keywords
Energy	Camelia Knapp	Geology	camelia.knapp@okstate.edu	Carbon sequestration
Energy	Pankaj Sarin	Materials Science	pankaj.sarin@okstate.edu	Fuel Cells; Energy Storage Materials
Energy	Hasan Atiyeh	Biosystems Engineering	hasan.atiyeh@okstate.edu	Bioenergy; gasification, syngas
Energy	Rodney Will	Natural Resource Management	rodney.will@okstate.edu	Climate Change; Carbon Sequestration
Energy	Gopal Kakani	Plant and Soil Science	v.g.kakani@okstate.edu	advanced biofuels, bioenergy
Energy	Yanqi Wu	Plant and Soil Science	yanqi.wu@okstate.edu	Biofuels
Energy	Jack Pashin	Geology	jack.pashin@okstate.edu	Unconventional Reservoirs, Geologic CO2 storage
Energy	Laleh Tahsini	Chemistry	tahsini@okstate.edu	Conversion of fossil fuel hydrocarbons to their alcohol derivatives for liquid fuels
Energy	Tracy Quan	Geology	tracy.quan@okstate.edu	Geochemical analyses, Hydrocarbon systems
Energy	Jason Warren	Plant and Soil Science	jason.warren@okstate.edu	Carbon sequestration
Energy	Jimmie Weaver	Chemistry	jimmie.weaver@okstate.edu	Carbon sequestration
Energy	James Knapp	Geology	James.knapp@okstate.edu	Carbon sequestration
Energy	Michael Long	Sociology	michael.long@okstate.edu	Social Inequalities
Environmental Justice	Tammy Mix	Sociology	tamara.mix@okstate.edu	Environmental Justice and Inequality
Unmanned Systems	Jamey Jacob	Aerospace Engineering	jamey.jacob@okstate.edu	AUAV Design & Flight Testing
Unmanned Systems	Weihua Sheng	Electrical/ Computer Engineering	Weihua.sheng@okstate.edu	UAVs & Sensors
Unmanned Systems	Imraan Faruque	Aerospace Engineering	i.faruque@okstate.edu	UAVs and Dynamical systems application



INSTITUTE FOR RESILIENT
ENVIRONMENTAL AND ENERGY SYSTEMS
The UNIVERSITY of OKLAHOMA

April 22, 2023

Scott Thompson, Executive Director
Oklahoma Department of Environmental Quality
707 N. Robinson Ave.
Oklahoma City, Oklahoma 73101
RE: University of Oklahoma's Support for the State of Oklahoma's EPA Climate Pollution Reduction Grant

The University of Oklahoma, through the Office of the Vice President for Research and Partnership's Institute for Resilient Environmental and Energy Systems (IREES), is pleased to support the Oklahoma Department of Environmental Quality in its application for an EPA Climate Pollution Reduction Grant for the State of Oklahoma. If successful in the application, IREES can coordinate OU support for the proposed planning grant with cutting edge faculty, staff, and laboratories that includes the potential following relevant areas of expertise as well as leveraged partnerships and projects:

- Urban/rural boundary layer meteorology
- Statistical and dynamical downscaling of regional climate models
- Reactive transport modeling of GHG and target compounds to predict regional air quality
- CH₄/CO₂ concentration and stable carbon isotope monitoring design and implementation for fixed position and mobile systems in urban, rural, and oil and gas infrastructure.
- Community assessments and DEIA and Justice40 planning
- Siting and installation of meteorological, GHG, and air quality monitoring stations in Oklahoma City as part of the developing OU-OKC Micronet.
- Modeling future sustainable transportation and clean energy corridors
- Modeling GHG emissions based on residential and industrial utility data.
- Workforce development at all levels through the OU-OnwardOKC CareerTech Partnership
- Projections on GHG reduction due to adoption of low C alternative fuels

OU will also leverage the incredible potential of its excellent graduate and undergraduate study researchers working within its many research and design laboratories, as well as pilot and demonstration facilities. OU also works collaboratively with Oklahoma's numerous other institutions of higher learning, careertech training programs, industry, community organizations, Tribal Nation partners, and city and county governments that will aid in the synergistic, multi-stakeholder execution of proposed workplans.

By working together, we can leverage previous and current work including ongoing studies, real time monitoring, GHG sensor projects and plan development. We look forward to this partnership and the incredible potential it has to benefit the lives of Oklahoma's citizens, now and into the future.

Sincerely,

Tim

Timothy Filley, PhD
Executive Director, Institute for Environmental and Energy Systems (IREES)
University of Oklahoma, Norman, OK

201 Stephenson Parkway, Suite 3100, Norman, Oklahoma 73019
PHONE: [405] 325-3806 FAX: [405] 325-6029
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**DEPARTMENT OF THE AIR FORCE
AIR FORCE CIVIL ENGINEER CENTER
JOINT BASE SAN ANTONIO LACKLAND TEXAS**

AFCEC/CZPE
2261 Hughes Ave, Ste. 155
JBSA-Lackland TX 78236-9853

April 21, 2023

Subject: Oklahoma and Department of the Air Force Carbon Emissions Reduction Plans

Dear EPA Grants Committee,

The Department of the Air Force (DAF) has been conducting coordinated planning with the State of Oklahoma for almost a year. We have been discussing shared opportunities and synergies for achieving both Oklahoma and DAF plans to address climate change and shift energy usage to non-Carbon-based energy sources. The Air Force has multiple large active and reserve component installations in Oklahoma that currently utilize considerable amounts of energy, including Tinker Air Force Base which is one of the top five energy consuming installations in the Department of Defense. The DAF released its Climate Adaptation Plan, or CAP, in the fall of 2022 and is in the process of planning a rapid decarbonization of our installation operations in Oklahoma and across the country. Plans include replacing light and medium vehicle fleets with new electric fleets and charging stations and achieving net zero carbon emissions for installation operations in the coming years.

The DAF looks forward to continuing its partnership with the state of Oklahoma over the next several years and hopes to benefit from coordinated efforts to establish infrastructure for the coming transition away from carbon-based energy sources.

Thank you for your time and consideration on this matter. If you have any questions, please don't hesitate to contact me at 443-756-1475 or michael.ackerman.2@us.af.mil.

Sincerely,

A handwritten signature in black ink that reads "Michael Ackerman".

MICHAEL ACKERMAN
DAF Regional Environmental Coordinator
Federal Region 6



GWYD DBF
CHEROKEE NATION®

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Chuck Hoskin Jr.
Principal Chief
GF YDP SJS
0-EOG.A

Bryan Warner
Deputy Principal Chief
SZDPV.A
WPA DL.A 0-EOG.A

April 20, 2023

Kendal Stegmann, Director
Air Quality Division Oklahoma Department of Environmental Quality
707 N. Robinson Ave.
Oklahoma City, OK 73102

Re: Climate Reduction Pollution Grant – Letter of Support

Dear Ms. Stegmann:

I am writing on behalf of Cherokee Nation Environmental Programs (CNEP) in support of the Oklahoma Department of Environmental Quality (ODEQ) application package for the Climate Pollution Reduction Grants Program (CPRG). Our office has worked closely with ODEQ staff on air quality issues in the past and looks forward to doing so in the future. The CPRG is an opportunity to continue to collaborate and advance mutual air quality improvement goals.

CNEP appreciates that ODEQ contacted us about this grant opportunity and expressed their intent for a high level stakeholder engagement in Oklahoma. We look forward to working your agency to provide input on the CPRG plan and assist with disseminating information about engagement opportunities to other tribes.

Sincerely,

April Hathcoat

April Hathcoat, Director
Cherokee Nation Environmental Programs