

MEMORANDUM OF UNDERSTANDING

**OKLAHOMA STATE UNIVERSITY
COLLEGE OF ENGINEERING, ARCHITECTURE AND TECHNOLOGY
NEW PRODUCT DEVELOPMENT CENTER
DOWNDRAFT GASIFIER PROJECT**

THIS MEMORANDUM OF UNDERSTANDING dated this 21st day of March, 2022, by and between the STILLWATER UTILITIES AUTHORITY, a public trust (SUA) and OKLAHOMA STATE UNIVERSITY (OSU).

WHEREAS, the Stillwater Utilities Authority is a public trust established under the constitution and laws of the State of Oklahoma; and

WHEREAS, OSU is a land grant university established under the constitution and laws of the State of Oklahoma, and is governed by The Board of Regents for the Oklahoma Agricultural and Mechanical Colleges; and

WHEREAS, OSU's New Product Development Center, College of Engineering, Architecture, and Technology, has developed a downdraft gasifier prototype that when placed in service will process yard waste for the City of Stillwater for produce bioenergy; and

WHEREAS, funding support through the Oklahoma Center for the Advancement of Science and Technology (OCAST); Oklahoma Applied Research Support (OARS) Program is available for the project to place the prototype in service; and

WHEREAS, the OCAST OARS funding support of \$300,000 requires a one-to-one match; and

WHEREAS, on June 21, 2021, SUA Trustees approved funding support in the amount of \$200,000 for the project; and

WHEREAS, OSU and SUA find that it is to the mutual benefit of the citizens of Stillwater and OSU to enter into this Memorandum of Understanding.

NOW, THEREFORE, THE CITY OF STILLWATER AND OKLAHOMA STATE UNIVERSITY AGREE AS FOLLOWS:

1. *Project Management:* OSU will serve as the project manager for the project. SUA will work with OSU to provide a location on city property for the gasifier prototype to be placed into service. SUA also agrees to provide yard waste, cardboard or paper material needed for processing. As project manager, OSU will be solely responsible for the downdraft gasifier project and monitoring project activities.
2. *SUA Funding Support:* SUA shall provide funding support to OSU in the amount of \$200,000.

Norman McNickle, General Manager
Stillwater Utilities Authority

Dr. Kayse Shrum, President
Oklahoma State University