

# Oklahoma Advantages Assessment and Scoring for Infrastructure Solutions (OASIS)



Oklahoma Advantages Assessment and Scoring for Infrastructure Solutions (OASIS) is a planning software system created to help decision makers articulate the importance of investing in wastewater infrastructure. For each project entered into the system, OASIS provides Output Statements that help communities quantify the environmental, social, and economic benefits of conceptual wastewater infrastructure investment. This holistic approach allows community leaders to make well-informed decisions regarding the types of projects that will best meet their community's environmental and financial short- and long-term goals. OASIS may further assist community leaders in the following instances:

- Articulating the benefits of the investment to their constituents;
- Promoting conservation efforts;
- Planning strategically for infrastructure improvements;
- Brainstorming potential projects and solutions;
- Reviewing conceptual design; and
- Performing alternatives analyses.

The OASIS tool is divided into five fillable sections: System Information, Project Details, Assistance Request, Background Information, and Output Statements.

## System Information

- System name and population
- Contact information
- Select or add new application
- Project type, such as Wastewater Treatment System, Collection System, Stormwater Management, and Nonpoint Source Pollution Control



## Project Details

- Project location and description
- Estimated costs and needs
- Current treatment effectiveness
- Local water quality information
- Description of applicable Green Project Reserve (GPR) elements
- Energy consumption

## Assistance Request

- Total project cost
- Funding amounts by source
- Requested repayment period and interest rate
- Estimated Project Schedule worksheet for tracking progress

## Background Questions

A series of questions on the following topics:

- Planning Methodology
- Planning and Design
- Energy Efficiency
- Renewable Energy
- Water Efficiency
- Efficient Use and Protection of Resources
- Creating a Livable Community
- Encouraging Community Involvement

## Output Statements

Summary reports on considerations in the following categories:

- Impact of Investment on Economic Growth
- Contribution to Community Quality of Life
- Designing for Sustainability
- Interest Rate Savings
- Inflationary Cost of Delaying
- Water Clarity & Property Values
- Property Values of Access
- Reduced Health Risk from Waterborne Illnesses
- Monetary Costs of Waterborne Illness Avoided
- Water Recreation Values
- Reduction in Phosphorus and Nutrients to Your Lake
- Prioritizing Sustainable Projects
- Greenhouse Gas Emission Reduction from Efficiency

For more information, contact Tony Mensah, P.E., at 405.530.8800 or visit us online at [www.owrb.ok.gov/OASIS](http://www.owrb.ok.gov/OASIS).



The OWRB Financial Assistance Division assists communities in their efforts to protect and conserve Oklahoma's water resources for current and future generations through cost-effective financial products, technical assistance and high quality customer service.