

**FUNDING APPLICATION
RECOMMENDED FOR APPROVAL**

- Applicant:** Central Oklahoma Master Conservancy District, Cleveland County
- Application No.:** ORF-09-0027-CW
Clean Water State Revolving Fund American Recovery and Reinvestment Act (“ARRA Funds”)
- Funding Requested:** \$692,773.00 CWSRF ARRA Funds
- Loan Payment Term:** The Applicant shall be required to comply with all ARRA provisions. If all ARRA provisions are met to the satisfaction of the OWRB then the funding shall be forgiven in total without fees for administration or interest.
- Allocation of Funds:** The funds shall be provided from the CWSRF ARRA funds.
- Purpose:** The applicant will utilize the funding proceeds to take actions at Lake Thunderbird towards meeting water quality standards. Lake Thunderbird is a priority watershed in Oklahoma with an extensive 319 non-point source program and is listed as having impaired water quality due to high turbidity, high color, high chlorophyll-a, and low dissolved oxygen. The project at Lake Thunderbird will withdraw water from the lake bottom, oxygenate it to 300% (310 mg/l), and return the supersaturated water back into the lower lake layer, restoring the dissolved oxygen levels to beneficial use and reduce summer chlorophyll-a levels. The project consists of a supersaturated dissolved oxygen injection system chamber, control panel, programmable logic controller, pumps and motors, and related appurtenances.