

**FUNDING APPLICATION
RECOMMENDED FOR APPROVAL**

- Applicant:** Oklahoma Conservation Commission
- Application No.:** ORF-09-0028-CW
Clean Water State Revolving Fund American Recovery and Reinvestment Act
("ARRA Funds")
- Funding Requested:** \$2,000,000.00 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:** Streambank instability and resulting erosion is a widespread problem throughout Oklahoma waters. Channel alterations, riparian degradation, increases in livestock and human traffic, and changes in land use have all contributed to bank instability. Streambank erosion can contribute significantly to sediment loading in streams and downstream reservoirs, as well as contribute to pollutant loading. Increased velocities caused by the channelization of the stream also result in further erosion of downstream areas. The applicant will utilize the funding proceeds to restore various streambanks located throughout the Illinois River and Eucha/Spavinaw watersheds by reestablishing native vegetation on streambanks, resloping banks as necessary, installing various in-stream structures as needed, and all related construction and appurtenances.

**FUNDING APPLICATION
RECOMMENDED FOR APPROVAL**

- Applicant:** Oklahoma Conservation Commission in Partnership with the University of Oklahoma
- Application No.:** ORF-09-0031-CW
Clean Water State Revolving Fund American Recovery and Reinvestment Act (“ARRA Funds”)
- Funding Requested:** \$86,500.00 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 construct an approximately 1,500 square foot experimental green roof at the National Weather Center in Norman, Oklahoma on the campus of the University of Oklahoma. A green roof or a vegetative roof system is proven to reduce storm water runoff quantity and improve discharge quality while reducing warm season energy demand loads and extending the life of the waterproofing membrane. Due to its location, this project will also become the subject of research examination and visitation by numerous scholars, students, and community officials. The project is split between two roof areas on the multi-roof building; the service roof and the classroom roof. The service roof will be used for long term examination and study. The classroom roof will be used for study, teaching of students and officials, and as an exhibit for visitors.

**FUNDING APPLICATION
RECOMMENDED FOR APPROVAL**

- Applicant:** Oklahoma Conservation Commission in Partnership with Oklahoma State University
- Application No.:** ORF-09-0032-CW
Clean Water State Revolving Fund American Recovery and Reinvestment Act (“ARRA Funds”)
- Funding Requested:** \$2,000,000.00 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:** Sediment is currently an important non-point source issue throughout the State of Oklahoma. One source of excess sediment load is incised streambanks. Stabilization of actively failing streambanks can improve water quality through reduced sediment loadings to rivers and streams and can reduce the potential for downstream flooding by reconnecting streams to their floodplains. Cow Creek, located on the west side of Stillwater, Oklahoma, is a typical degrading stream. In addition to water quality issues, the downstream meander migration pattern and the widening of the channel has threatened land and infrastructure on both sides of the Creek. The applicant will utilize the funding proceeds to restore and stabilize Cow Creek’s streambank between State Highway 51 and West Virginia Avenue by removing a current riprap obstruction, establishing a riffle/pool sequence along the stream, resloping streambanks as necessary, reestablishing vegetation, and all related construction and appurtenances.