

Dam Rehabilitation Application Information (Attachment to SF-424)

Saltwater Creek Site 46

Project Name: Saltwater Creek Watershed
Dam Number: Site #46
Original Project Authority: PL-566
Dam Location: S7-T16N-R9E, Rose County, Oklahoma

Current Sponsoring Local Organizations (SLOs):

Rose County Conservation District
Little Deep Salt Conservancy District No. 1

RCCD Contact Person:

Name: Jana Bosy, District Secretary
Murtis Hassell, Chairman
Address: 128 E. 3rd
Lily, OK 74010
Phone: 405-000-1023 x101
Email:

LDSCD No. 1 Contact Person:

Name: Neil Paint, Chairman
Address: 127 E. 3rd
Lily, OK 74010
Phone: 405-222-5012 x101
Email:

Year Dam was constructed: 1964

Description of existing condition and known rehabilitation needs of the dam: During an inspection of the dam on September 24, 2009, a few operation and maintenance issues were identified, several trees on both slopes of the dam and at the waterline; brush/weed control is needed; drift debris is present and an old beaver trail on dam. Corrosion of metal appurtenances and debris guard was also indicated. Site 46 was constructed as a Significant hazard class (b) dam, a hazard classification given to dams located in predominately rural or agricultural areas where failure may damage isolated homes, main highways or minor railroads, or cause interruption of use or service of relatively important public utilities. But, as a result of changes in dam safety criteria and development downstream of the dam, site 46 does not meet current safety criteria and performance standards for a high hazard class (c) dam, a hazard classification given to dams that do pose a threat to loss of life. Minimum NRCS criteria for a class (c) dam includes a 30-inch-diameter principal spillway pipe, the ability to safely convey 100 percent of the Probable Maximum Precipitation (PMP) through the auxiliary spillway without overtopping the dam, and the capacity to safely contain the 100-year, 10-day storm without flowing over the crest of the earthen auxiliary spillway.

Description of the current benefits provided by the dam: Provides average annual flood damage reduction benefits of \$21,000.

Dam Safety Agency information, permit needs, comments, and recommendations on rehabilitation needs for the specific dam. If the State Agency ordered any action on the dam, attached a copy of the order: There have been no safety orders.

Assist in leading locally-led planning effort: The SLO will assist in the locally-led planning effort for Saltwater Creek 46.

Obtain needed land rights including the use of power of eminent domain, if necessary: The SLO will work to obtain land rights to provide for rehabilitation needs and structure improvements.

Provide local cost share funds and/or in kind service to provide the required 35 percent of total project costs: Local SLO will assist in providing cost share funds and/or in kind services to meet the needs for the required 35 percent of the total cost.

Enter into a new O&M agreement with NRCS: The local SLO will enter into a new negotiable O&M agreement with NRCS.

Provide funds for continuing O&M actions: The SLO will provide funds for continuing O&M actions.

Obtain required permits and approvals at their cost: The SLO will continue to follow protocol that has been implemented in the past for any permit processing that is required.

Provide leadership to assure appropriate land use controls are enacted or acquired for downstream areas prior to construction if a low or significant hazard dam is involved:

Local SLO will provide leadership to assure appropriate and use controls are enacted or acquired for downstream areas prior to construction.

Provide leadership to assure adequate land treatment measures have been installed on at least 50 percent of the watershed area above the dam: Leadership will be provided by the local SLO to landowners in the watershed area above the dam, to apply adequate land treatment measures.

Statement that the SLO's that plan to provide in kind services and /or acquire land rights will sign a MOU with NRCS before being credited with value of any in kind contributions:

The local SLO is planning to provide some in kind service and acquire the land rights and will sign an MOU with NRCS before being credited with the value of any in kind contributions.