Kansas Department of Agriculture
Division of Conservation
Application for State Cost-Share Assistance
Watershed Dam Rehabilitation

Instructions for DOC-WD2

The following instruction will assist in the completion of the application form found in the Watershed District Handbook. All forms may be copied but please use one side of paper only.

Section 1 Complete legal name of district and mailing address to receive all correspondence pertaining to the application.

Section 2 through 8 Self-explanatory.

Section 9 Engineers estimated construction and engineering costs for the project.

Section 10 The Division of Conservation's policy authorizes cost-share up to 70 percent of the cost of construction plus the actual costs of engineering's, geologic investigations and inspection costs, not to exceed 10 percent of the actual cost of construction. The maximum cost-share per district per year is $120,000.

Section 11 State the scope of the proposed rehabilitation work: specify the components that are in need of rehabilitation, this may be supplemented by attachment for preliminary rehabilitation design and cost estimates.

Section 12 Indicate the source(s) of funding for the original construction of the structure subject to rehabilitation. Indicate whether federal, state of private funds were used for the construction. Specify the percentage of the applicant financial contribution for the construction.

Section 13 List all anticipated sources and amounts of funds to be used for the rehabilitation of the project.

Section 14 Indicate the current DWR hazard classification of the structure.

Section 15 Indicate the current DWR hazard classification. Substantiate your application with any documentation.

Section 16 If the hazard classification has changed, please indicate what measures have been or planned to bring the structure to state standards and specifications. Substantiate your application with any documentation.

Section 17 If the structure has been declared unsafe, include a copy of order or letter of the Chief Engineer, Division of Water Resources.

Section 18 Applicant is expected to show proof of adequate Operation and Maintenance for the structure. Watershed Districts may substantiate their request for the whole watershed.

Section 19 Applicant/district will need to submit to DWR rehabilitation plans for approval or written consent. Such documents will be required prior to any SCC reimbursement.

Section 20 Applicant needs to provide assurances that no future development downstream will be allowed in the inundation area, examples: zoning, ordinances, easements, etc.

Section 21 The benefits of the structure are important justifications for the structure. Be thorough and realistic in listing the benefits. Attach calculations and substantiation.

Section 22 Agreement stipulations.

Section 23 Attachments: Applicants/Districts are encouraged to attach any calculation and/or substantiation documentations. Attach the following:

- Preliminary rehabilitation design and cost estimates including an aerial photograph of site, a 7.5 min quad map showing the structure the drainage area, downstream benefit area, and pictures/photos of the rehabilitation component. More than one picture/photo should be keyed for the purpose of fitting together for an overall view of project.

- Structure Condition Worksheet (Provided by DOC)

Section 24 Application deadline is July 1st.

Section 25 Applicant/District signature.

Application for State Cost-Share Assistance for Dam Rehabilitation

1. **Applicant Name:** _____
Address: _____
City, State, Zip: _____
Phone #: _____
E-mail address: _____

Mail To:	**2. Structure/Site No.**_____ **3. Applicable Dates:** a. DWR Permit _____ b. 404 permit _____ c. Construction Completed_____	**4. Updated General Plan adopted by Board on [if applicable]** _____
Division of Conservation, KDA 1320 Research Park Drive Manhattan, KS 66502 Phone: (785) 564-6620 Fax: (785) 564-6778		

5. Description of site:	**6. Structure Purpose (check all that apply):**
a. Legal_____ b. County _____ c. Drainage Area (acres) _____	Flood Control ☐ Grade Stabilization ☐ Recreational ☐ Water Supply ☐ Others (indicate)_____
7. Sediment Pool: a. Volume (acre-feet) _____ b. Surface (acres) _____	**8. Detention Pool:** a. Volume (acre-feet) _____ b. Surface (acres) _____
9. Estimated costs: a. Rehabilitation _____ b. Engineering _____ **TOTAL** _____	**10. State cost-share assistance requested:** a. Rehabilitation _____ (Maximum 70%) b. Engineering _____ (Maximum 10 % of 9a) **TOTAL**_____ (Maximum assistance-$120,000 per District)
11. Scope of Rehabilitation Work:	

12. Sources of funds for the original construction (private, state or federal). Indicate percentage of applicant financial contribution for construction and design.

13. Sources of funds sought for rehabilitation:

a._____$_____b._____$_____

c._____$_____d._____$_____

14. What's the current Hazard classification?

15. Has the hazard classification changed since the structure was built? (choose one)

Yes No Not Sure

If yes, when? _____

Explain why the hazard classification changed.

16. Is the desired rehabilitation due to Hazard reclassification? Explain.

17. Has the structure been declared unsafe by the Kansas Department of Agriculture, Division of Water Resources? Explain why and when.

18. Provide records of Operations and Maintenance that pertain to the subject structure.

19. Explain how the proposed rehabilitation work will bring the structure in compliance with applicable safety and performance standards. The Chief Engineer's approval or written consent for the rehabilitation work will be required prior to any DOC reimbursement.

20. Has an inundation map been developed for this site? What measure(s) would you implement to assure prevention of future inundation area development?

21. Benefits of the structure. (Individuals, county roads, bridges, utilities, water quality, flood control, wildlife, fish and other benefits.) Use additional pages if necessary.

Benefits	**Explanation of Benefits**

22. The applicant agrees to:

a. Operate the structure in a manner satisfactory to the Chief Engineer, Division of Water resources, Kansas Department of Agriculture.
b. Maintain the structure in a safe and functional condition for the life of the structure.
c. Perform annual Operation and Maintenance inspection and send copy of inspection to the Division of Conservation and to the Chief Engineer.
d. Perform necessary operation and maintenance at own expense.

23. Attachments- A complete application must include the following attachments:

No. 1- Preliminary rehabilitation design and cost estimates.

No. 2- Cost estimates for dam breach analysis, (if needed).

No. 3- Structure condition report worksheet (Form provided by DOC).

24. Submit originals to the Division of Conservation no later than July 1st.

25. The applicant certifies that the information and statements in this application are true and correct.

_____
Print (name)

_____ _____
Signature Date

STRUCTURE CONDITION REPORT WORKSHEET

Applicant: _____

Site No.: _____ **Date Structure Built:** _____

Water Structure No.: _____ **Date Permitted:** _____

Current Hazard Classification, (as per DWR): _____

Breach Inundation area mapped: Yes No

Condition: 1. Adequate - No maintenance problem
2. Potential Problem - Requires follow-up
3. Deficient - Action required

Instructions: 1. Indicate the overall condition number in each of the seven areas. When a 2 or 3 is indicated, please include comments that will describe problem, corrective action required and estimated completion date.
2. See reverse side for items of concern in each area.
3. Attach pictures of items in need of rehab.

Area	Condition (1, 2, or 3)	(Comments necessary if 2 or 3 is listed) Needed Maintenance and Repairs	Estimated Completion Date
Embankment			
Principal Spillway		Pipe flowing: Y N Describe the flow:	
Emergency Spillway			
Slope Protection			
Stilling Basin			
Fences			
Reservoir Area			
Drain Outlets		Drain flowing: Y N Describe the flow:	

Remarks: (you may add any details on a separate sheet)

O&M Inspector: _____ **Date:** _____

STRUCTURE CONDITION REPORT WORKSHEET

1. Embankment A. Adequate vegetation B. Any trees or shrubs C. Cracks or openings D. Unusual settlement E. Seepage or slips F. Abutments G. Erosion areas H. Rodent or livestock damage I. Vehicle track damage	**2. Principal Spillway** A. Trash rack B. Concrete riser condition C. Obstructions or trash D. Corrosion E. Pipe damage external F. Pipe alignment G. Outlet section H. Pipe damage internal I. Joint gap (first 3 years)
3. Emergency Spillway A. Adequate vegetation B. Erosion C. Obstructions	**4. Slope Protection** A. Erosion B. Vegetation C. Trash
5. Stilling Basin A. Trash or obstruction B. Stilling basin slopes C. Channel outlet D. Pipe support or dam undercut E. Downstream channel	**6. Fence** A. Trash B. Tension C. Gates D. Posts
7. Reservoir Area A. Undesirable vegetation B. Flood pool area debris	**8. Drain Outlets** A. Drawdown pipe condition B. Water quality