



Application for State Cost-Share Assistance Watershed Dam Rehabilitation

Instructions for Dam Rehabilitation Applications

The following instructions will assist in the completion of the rehabilitation application form (to be added to the District and Contracting Officer Handbook). All forms may be copied but please use one side of the paper only.

- Section 1.** Complete the legal name of an applicant / district and the mailing address to receive all correspondences pertaining to the rehabilitation application.
- Section 2.** Complete structure and/or site number.
- Section 3.** Complete permit information.
- Section 4.** Complete General Plan date.
- Section 5.** Complete site description information.
- Section 6.** Complete structure size information.
- Section 7.** Complete sediment pool information.
- Section 8.** Complete detention pool information.
- Section 9.** Engineer's estimated construction and engineering costs for the rehabilitation project.
- Section 10.** Complete cost-share amount information. [Division of Conservation policy authorizes cost-share up to 70% of the cost of the rehabilitation plus the actual costs of engineering, geologic investigations and inspection costs not to exceed 10% of the actual cost of construction. The maximum cost-share per district or site 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 should be supplemented by Attachment No.1 of Section 23 - 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 or 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 project other than state cost-share funds.
- 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 are 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.** The 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.** The applicant / district will need to submit rehabilitation plans to DWR for approval or written consent. Such documents will be required prior to any DOC reimbursement.
- Section 20.** The applicant needs to provide assurances that no future development downstream of the structure will be allowed in the inundation area (examples: zoning, ordinances, or easements, etc.)
- Section 21.** The benefits of the structure are important justifications for the rehabilitation. Be thorough and realistic in listing the benefits. Attach appropriate calculations and substantiation.
- Section 22.** Attach any agreement stipulations.
- Section 23.** The applicant or district is encouraged to attach any calculation substantiation documentations, such as 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 and 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.** The application deadline is July 1st to be considered for funding in the next fiscal year.
- Section 25.** Complete all information and signatures as requested.



**Application for State Cost-Share Assistance
Watershed Dam Rehabilitation**

Instructions for Dam Rehabilitation Applications

<p>APPLICATION FOR STATE COST-SHARE ASSISTANCE FOR DAM REHABILITATION</p>	<p>1. Applicant:</p> <p>_____</p> <p>_____</p> <p>_____</p>	
<p>MAIL TO: Kansas Department of Agriculture - Division of Conservation, 1320 Research Park Drive Manhattan, KS 66502 Phone: (785) 564-6620 E-mail: kda.doc@ks.gov</p>	<p>2. Structure / Site No. _____</p> <p>3. Applicable Dates:</p> <p>a. DWR Permit _____</p> <p>b. 404 permit _____</p> <p>c. Construction Completed _____</p> <p>d. _____</p>	<p>4. Updated General Plan adopted by Board on [if applicable]</p> <p>_____</p>
<p>5. Description of site:</p> <p>a. Legal _____</p> <p>b. County _____</p> <p>c. Drainage Area (acres) _____</p>	<p>6. Structure Purpose, (circle all that apply):</p> <p>Flood Control</p> <p>Grade stabilization</p> <p>Recreational</p> <p>Water supply</p> <p>Others (indicate)</p>	
<p>7. Sediment Pool:</p> <p>a. Volume (acre-feet) _____</p> <p>b. Surface (acres) _____</p>	<p>8. Detention Pool:</p> <p>a. Volume (acre-feet) _____</p> <p>b. Surface (acres) _____</p>	
<p>9. Estimated costs:</p> <p>a. Rehabilitation \$ _____</p> <p>b. Engineering \$ _____</p> <p>c. TOTAL \$ _____</p>	<p>10. State cost-share assistance requested:</p> <p>a. Rehabilitation \$ _____ (Maximum 70%)</p> <p>b. Engineering \$ _____ (Maximum 10 % of 9a)</p> <p>c. TOTAL \$ _____ (Maximum assistance-\$120,000 per district.)</p>	
<p>11. Scope of Rehabilitation Work:</p> <p>_____</p>		

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. _____ \$ _____

APPLICATION FOR STATE
COST-SHARE ASSISTANCE
FOR DAM
REHABILITATION

Applicant:

DOC-WD2
Rev. Sept 2011
Page 2 of 3

14. What's the current Hazard classification?

15. Has the hazard classification changed since the structure was built?

Circle 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 KDA, 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 SCC 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?

APPLICATION FOR STATE
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 FOR DAM
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Applicant:

DOC-WD2
 Rev. Sept 2011
 Page 3 of 3

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 or current year O&M Inspection Report (Form provided by DOC).

24. Submit originals to the State Conservation Commission 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, (circle one): Yes or No

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

- Instructions:**
1. Circle the overall condition number in each of the seven areas. When a 2 or 3 is circled, 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	(Comments necessary if 2 or 3 is circled) Needed Maintenance and Repairs	Estimated Completion Date
Embankment	1 2 3		
Principal Spillway	1 2 3	Pipe flowing: Y N Describe the flow:	
Emergency Spillway	1 2 3		
Slope Protection	1 2 3		
Stilling Basin	1 2 3		
Fences	1 2 3		
Reservoir Area	1 2 3		
Drain Outlets	1 2 3	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

Checklist

<p>1. <u>Embankment</u></p> <ul style="list-style-type: none">A. Adequate vegetationB. Any trees or shrubsC. Cracks or openingsD. Unusual settlementE. Seepage or slipsF. AbutmentsG. Erosion areasH. Rodent or livestock damageI. Vehicle track damage	<p>2. <u>Principal Spillway</u></p> <ul style="list-style-type: none">A. Trash rackB. Concrete riser conditionC. Obstructions or trashD. CorrosionE. Pipe damage externalF. Pipe alignmentG. Outlet sectionH. Pipe damage internalI. Joint gap (first 3 years)
<p>3. <u>Emergency Spillway</u></p> <ul style="list-style-type: none">A. Adequate vegetationB. ErosionC. Obstructions	<p>4. <u>Slope Protection</u></p> <ul style="list-style-type: none">A. ErosionB. VegetationC. Trash
<p>5. <u>Stilling Basin</u></p> <ul style="list-style-type: none">A. Trash or obstructionB. Stilling basin slopesC. Channel outletD. Pipe support or dam undercutE. Downstream channel	<p>6. <u>Fence</u></p> <ul style="list-style-type: none">A. TrashB. TensionC. GatesD. Posts
<p>7. <u>Reservoir Area</u></p> <ul style="list-style-type: none">A. Undesirable vegetationB. Flood pool area debris	<p>8. <u>Drain Outlets</u></p> <ul style="list-style-type: none">A. Drawdown pipe conditionB. Water quality