

# Dam Inspection Report

State of Kansas

(Meets Kansas Department of Agriculture – Division of Conservation Requirements)

**Rev.  
12/15**

Watershed or Project Name \_\_\_\_\_

Dam Name and Number \_\_\_\_\_

Field Office \_\_\_\_\_

Inspection Date \_\_\_\_\_ Date of Last Inspection \_\_\_\_\_

Type of Inspection (Check One) Annual Operation and Maintenance (O&M) \_\_\_ Special \_\_\_ Informal Surveillance \_\_\_\_\_

Condition:      1. Adequate-No maintenance required                      2. Potential Problem-Monitor  
                          3. Deficient-Future repairs required                                      4. Deficient-Immediate repairs required

Item <sup>1</sup>	Condition	Needed Maintenance and Repairs/Remarks <sup>2</sup>	Estimated Completion Date
Embankment-Upstream Slope (1)			
Embankment-Top and Downstream Slope (1)			
Slope Protection – Riprap, Sand, or Vegetated Slope (2)			
Auxiliary Spillway (3)			
Principal Spillway-Inlet, Riser and Trash Rack (4)			
Principal Spillway-Valve and Drawdown Works (4)			
Principal Spillway-Outlet Section and Pipe Support (4)			
Principal Spillway – Seepage along Pipe		Yes                      No	
		Describe the flow:	
The SStilling Basin and Outlet Channel (5)			
Pipe Drain Outlets (6)			
Livestock Exclusion Barriers – Rock or Otherwise (7)			
Fences (8)			
Downstream Improvements (9)			
		Drain flowing:      Yes                      No	
		Describe the flow:	

NRCS Representative (s) (if applicable) \_\_\_\_\_ Date \_\_\_\_\_ District Representative \_\_\_\_\_ Date \_\_\_\_\_

1. Refer to the Inspection Checklist on Page 2.
2. Record additional notes / remarks on a separate sheet and attach.
3. Discuss with District Board as necessary, Note:

**Note: Distribution Instructions are on Page 2.**

### Distribution Instructions

For **federally-funded dams** assisted by the Natural Resources Conservation Service (NRCS), distribute this sheet as follows:

1. Original to NRCS for the following distribution:
  - a. Original to District Conservationist for O&M file (for permanent retention) - See General Manual Title 120, Section 408.60 - File Code 210-28, Item 12.
  - b. Copy to Assistant State Conservationist for field operations - For disposition, see General Manual Title 120, Section 408.60 - File Code 210-28, Item 12.
  - c. Copy to office assistant for engineering section – State office.
2. Copy to Hakim Saadi, Watershed Program Manager, Kansas Department of Agriculture, Division of Conservation, 1320 Research Park Drive, Manhattan, Kansas, 66502, or by e-mail [hakim.saadi@ks.gov](mailto:hakim.saadi@ks.gov) or [kda.wd.om@ks.gov](mailto:kda.wd.om@ks.gov).
3. Copy to Watershed District.

For **state or locally funded dams** assisted by the Kansas Department of Agriculture, Division of Conservation, distribute this sheet as follows:

1. Copy to Hakim Saadi, Watershed Program Manager, Kansas Department of Agriculture, Division of Conservation, 1320 Research Park Drive, Manhattan, Kansas, 66502, or by e-mail [hakim.saadi@ks.gov](mailto:hakim.saadi@ks.gov) or [kda.wd.om@ks.gov](mailto:kda.wd.om@ks.gov).
2. Copy to Watershed District.

### Inspection Checklist

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|---|---|
| <ol style="list-style-type: none"> <li>1. Embankment (Upstream Slope, Top Slope, Downstream Slope)           <ul style="list-style-type: none"> <li>• Damage to embankment by waves, erosion, rodents, livestock, or vehicles (if <math>\leq 1'</math> parallel to CL, <i>Condition 2</i>)</li> <li>• Sloughing, sliding or slumping of fill (<i>Condition 3</i>)</li> <li>• Seepage, boils or wet areas at abutments or along downstream toe (<i>Condition 3</i>)</li> <li>• Cracking and displacement of fill (<i>Condition 3</i>)</li> <li>• Observable settlement of fill (<i>Condition 3</i>)</li> <li>• Presence of trees or shrubs (trees <math>&lt; 3'</math> tall, <i>Condition 2</i>)</li> <li>• Adequacy of grass vegetation (<math>&lt; xx\%</math> cover, <i>Condition 3</i>)</li> </ul> </li> <li>2. Slope Protection (Riprap, Sand or Vegetated Slope, <i>Condition 2</i>)           <ul style="list-style-type: none"> <li>• Presence of trash, logs and limbs</li> <li>• Displacement or excessive breakdown of riprap or other materials</li> <li>• Condition of water-tolerant vegetation</li> </ul> </li> <li>3. Auxiliary Spillway (Upstream of level section, <i>Condition 2</i>)           <ul style="list-style-type: none"> <li>• Adequacy of grass vegetation</li> <li>• Sloughing, sliding or erosion of slopes</li> <li>• Damage by livestock, vehicles or poor drainage</li> <li>• Erosion of bottom and exit channel</li> <li>• Obstructions by woody plants or fences</li> </ul> </li> <li>4. Principal Spillway (Riser and Inlet, Valve and Drawdown Works, and Pipe)           <ul style="list-style-type: none"> <li>• Damage, obstruction or corrosion of trash rack (<math>&gt; 50\%</math> obstruction, <i>Condition 3</i>)</li> <li>• Obstruction to barrel entrance (<i>Condition 3</i>)</li> <li>• Damage or corrosion of ladder (<i>Condition 2</i>)</li> <li>• Observable horizontal or vertical misalignment of pipe (<i>Condition 3</i>)</li> <li>• Condition of concrete (Significant deterioration, <i>Cond 3</i>)</li> </ul> </li> </ol> | <ul style="list-style-type: none"> <li>• Damage, corrosion or leakage of drawdown works (<i>Condition 2</i>)</li> <li>• Leaky pipe joints and joint number (<i>Condition 3</i>)</li> </ul> <ol style="list-style-type: none"> <li>5. Stilling Basin and Outlet Channel (<i>Condition 2</i>)           <ul style="list-style-type: none"> <li>• Slumping or sliding of slopes</li> <li>• Displacement or excessive breakdown of riprap materials</li> <li>• Erosion or siltation of outlet channel</li> <li>• Seepage or surface runoff into basin</li> <li>• Excessive vegetation in outlet channel</li> <li>• Pipe support</li> </ul> </li> <li>6. Pipe Drain Outlet(s) (<i>Condition 2</i>)           <ul style="list-style-type: none"> <li>• Obstructions at outlet</li> <li>• Condition of rodent guard</li> <li>• Pipe damage</li> </ul> </li> <li>7. Livestock Exclusion Barriers (<i>Condition 2</i>)           <ul style="list-style-type: none"> <li>• Displacement or excessive breakdown of rock materials</li> <li>• Damage deterioration of cattle panels, concrete barriers, etc.</li> </ul> </li> <li>8. Fences (<i>Condition 2</i>)           <ul style="list-style-type: none"> <li>• Gates - open or closed</li> <li>• Posts - loose, bent, or broken</li> <li>• Tension and condition of wires</li> <li>• Trash on fence</li> </ul> </li> <li>9. Downstream Improvements<br/>Any new houses, road, utilities, etc., downstream that will affect the dam classification</li> </ol> |
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