

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 (Include Photos)

Item <sup>1/</sup>	Condition	Needed Maintenance and Repairs/Remarks <sup>2/</sup>	Estimated Completion Date <sup>3/</sup>
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 (4)		Yes                      No	
		Describe location and amount:	
Stilling Basin and Outlet Channel (5)			
Pipe Drain Outlets (6)		Drain flowing:                      Yes                      No	
		Describe the flow:	
Livestock Exclusion Barriers – Rock or Otherwise (7)			
Fences (8)			
Downstream Improvements (9)		Any new dwelling Downstream of dam?                      Yes                      No                      Not Sure	
		Approximate distance downstream:	

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

\_\_\_\_\_  
Date

\_\_\_\_\_  
District Representative

\_\_\_\_\_  
Date

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

**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 Watershed Program Manager, Kansas Department of Agriculture, Division of Conservation, 6531 SE Forbes Ave., Suite B, Topeka, Kansas, 66619, or by e-mail [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 Watershed Program Manager, Kansas Department of Agriculture, Division of Conservation, 6531 SE Forbes Ave., Suite B, Topeka, Kansas, 66619, or by e-mail [kda.wd.om@ks.gov](mailto:kda.wd.om@ks.gov).
2. Copy to Watershed District.

## **Inspection Checklist**

1. Embankment (Upstream Slope, Top Slope, Downstream Slope)
  - Damage to embankment by waves, erosion, rodents, livestock, or vehicles (if  $\leq 1^\circ$  parallel to CL, *Condition 2*)
  - Sloughing, sliding or slumping of fill (*Condition 3*)
  - Seepage, boils or wet areas at abutments or along downstream toe (*Condition 3*)
  - Cracking and displacement of fill (*Condition 3*)
  - Observable settlement of fill (*Condition 3*)
  - Presence of trees or shrubs (trees  $< 3'$  tall, *Condition 2*)
  - Adequacy of grass vegetation ( $< xx\%$  cover, *Condition 3*)
2. Slope Protection (Riprap, Sand or Vegetated Slope, *Condition 2*)
  - Presence of trash, logs and limbs
  - Displacement or excessive breakdown of riprap or other materials
  - Condition of water-tolerant vegetation
3. Auxiliary Spillway (Upstream of level section, *Condition 2*)
  - Adequacy of grass vegetation
  - Sloughing, sliding or erosion of slopes
  - Damage by livestock, vehicles or poor drainage
  - Erosion of bottom and exit channel
  - Obstructions by woody plants or fences
4. Principal Spillway (Riser and Inlet, Valve and Drawdown Works, and Pipe)
  - Damage, obstruction or corrosion of trash rack ( $> 50\%$  obstruction, *Condition 3*)
  - Obstruction to barrel entrance (*Condition 3*)
  - Damage or corrosion of ladder (*Condition 2*)
  - Observable horizontal or vertical misalignment of pipe (*Condition 3*)
  - Condition of concrete (Significant deterioration, *Condition 3*)
5. Stilling Basin and Outlet Channel (*Condition 2*)
  - Damage, corrosion or leakage of drawdown works (*Condition 2*)
  - Leaky pipe joints and joint number (*Condition 3*)
  - Slumping or sliding of slopes
  - Displacement or excessive breakdown of riprap materials
  - Erosion or siltation of outlet channel
  - Seepage or surface runoff into basin
  - Excessive vegetation in outlet channel
  - Pipe support
6. Pipe Drain Outlet(s) (*Condition 2*)
  - Obstructions at outlet
  - Condition of rodent guard
  - Pipe damage
7. Livestock Exclusion Barriers (*Condition 2*)
  - Displacement or excessive breakdown of rock materials
  - Damage deterioration of cattle panels, concrete barriers, etc.
8. Fences (*Condition 2*)
  - Gates - open or closed
  - Posts - loose, bent, or broken
  - Tension and condition of wires
  - Trash on fence
9. Downstream Improvements
  - Any new houses, road, utilities, etc., downstream that will affect the dam classification