

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 ^{1/}	Condition	Needed Maintenance and Repairs/Remarks ^{2/}			Estimated Completion Date ^{3/}	
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

^{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: 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 or 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 or 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 $\leq 1'$ 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*)
- Damage, corrosion or leakage of drawdown works (*Condition 2*)
- Leaky pipe joints and joint number (*Condition 3*)
5. Stilling Basin and Outlet Channel (*Condition 2*)
 - 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