

WATERSHED STRUCTURE INSPECTION REPORT

Date of Inspection: _____ 5 Year (____) ANNUAL (____)
 County: _____ Watershed: _____ Site _____
 Field Office: _____ Sponsor Responsible for O&M _____
 Location: Latitude _____ N Longitude _____ W
 Hazard Classification: _____ Is Hazard Classification still accurate? Y () N ()
 (Most recent AL-ENG-23) If no, complete new AL-ENG-23.

“YES” responses need explanation added to “Remarks” section. (i.e.: What? Where? Extent?)
 “NO” responses indicate problems not observed during inspection.
 Non-applicable items should be noted by NA.

ITEM	YES	NO	REMARKS
1. General Conditions			
a. Alterations to dam?			
b. Development in downstream floodplain?			
c. Development around reservoir?			
2. Embankment			
a. Is vegetative cover inadequate?			
b. Are trees growing on either slope?			
c. Is brush/weed control needed?			
d. Are trees growing at waterline?			
e. Is drift debris present?			
f. Are cracks, settlement, or bulges present?			
g. Is seepage visible on downstream slope?			
h. Are animal burrows present?			
i. Are trails present?			
3. Front Slope Protection			
a. Any wave damage observed?			
b. Is riprap inadequate?			
c. Are rodent holes present?			
4. Inlet Structure and Gate Valves			
a. Does concrete exhibit deterioration?			
b. Is concrete reinforcement exposed?			
c. Was leakage observed inside inlet?			
d. Any corrosion of metal appurtenances?			
e. Is debris guard obstructed?			
f. Is debris guard corroded?			
g. Is gate stem broken or bent?			
h. Are components missing?			
i. Was gate determined not operational?			Date gate last operated:
j. Has inlet been modified to alter water surface?			
k. Is there structural movement?			
l. Is access door missing?			
m. Is wildlife gate/cool water release non-functional?			
5. Principal Spillway Conduit			
a. Is concrete conduit deteriorated?			
b. Is metal conduit corroded?			
c. Was leakage observed at pipe joints?			
d. Was pipe inspected internally?			

ITEM	YES	NO	REMARKS
6. Auxiliary Spillway			
a. Is vegetative cover inadequate?			
b. Any animal trails observed?			
c. Any vehicular trails observed?			
d. Is flow area obstructed?			
e. Is control section disturbed?			
7. Principal Spillway Release Channel			
a. Does scour hole appear unstable?			
b. Any boils observed?			
c. Is riprap inadequate?			
d. Any seepage observed?			
e. Is conduit outlet submerged?			
f. Is conduit outlet not properly supported?			
g. Is outlet channel obstructed?			
h. Is outlet channel degrading?			
i. Is foundation drain submerged?			
j. Is foundation drain rodent barrier missing?			
k. Is foundation drain not functional?			
8. Perimeter Fence			
a. Is fence inadequate?			
b. Are gates open?			
9. Reservoir Area			
a. Is pool at different level than designed?			
b. Does pool area have downed trees/debris?			
c. Is sediment deposition excessive?			
ACTIONS TAKEN: Identify all work performed in the preceding 12 months by sponsors and/or NRCS, including approximate cost and date completed.			
ACTIONS NEEDED: Identify items by priority: low (next 12 months); high (as soon as possible). Indicate date assistance requested; technical or financial.			
O&M Non-Compliance Issues (Check each issue that has not been addressed since last inspection):			
<input type="checkbox"/> 1. Human Safety (such as missing access cover(s). <input type="checkbox"/> 2. Trash rack or parts of trash rack missing. <input type="checkbox"/> 3. Trash rack debris blockage. <input type="checkbox"/> 4. Principal spillway clogged. <input type="checkbox"/> 5. Severe erosion of principal spillway outlet. <input type="checkbox"/> 6. Auxiliary spillway without complete dense permanent vegetative cover in the control or exit sections (lack of vegetation or irregularity such as a road in the control or exit section).		<input type="checkbox"/> 7. Auxiliary spillway blockage (usually fence or trees in spillway). <input type="checkbox"/> 8. Severe woody vegetative growth on principal spillway outlet or along permanent pool of dam. <input type="checkbox"/> 9. Drain pipe problems. <input type="checkbox"/> 10. Severe embankment erosion. <input type="checkbox"/> 11. Flood pool storage alteration. <input type="checkbox"/> 12. Severe tailwater issues.	
Sponsor Representative		NRCS Representative	
State Conservations Engineer (Required for 5-Yr. Inspection)			

DISTRIBUTION: Original - State Conservation Engineer (with documentary photos and surveys)
Copies - Sponsor or Owner, Field Office, Responsible Resource Engineer, ASTC-FO Team Office, and Watershed Structure Improvement (WSI) Coordinator (Coosa Valley RC&D)