

INSPECTION CHECKLIST

NAME OF DAM:	
LOCAL NAME:	
COUNTY:	
HAZARD CLASS:	
PURPOSE OF DAM:	

OWNER / OPERATOR:	
DATE INSPECTED:	
WEATHER:	
TEMPERATURE:	
POOL ELEVATION:	
TAILWATER ELEVATION:	

DIRECTIONS: Mark an "X" in the YES or NO column. If an item does not apply, simply write "NA" in the REMARKS column.

ITEM	YES	NO	REMARKS
1. CREST OF FILL.			
a. Any visual settlements?		X	
b. Misalignment?		X	
c. Cracking?		X	
2. UPSTREAM SLOPE.			
a. Inadequate vegetative cover?		X	
b. Any erosion?		X	
c. Are trees growing on slope?		X	
d. Any drift debris present?		X	
e. Longitudinal cracks?		X	
f. Transverse cracks?		X	
g. Inadequate riprap protection?		X	
h. Any stone deterioration?		X	
i. Visual depressions or bulges?		X	
j. Visual settlements?		X	
k. Animal burrows?		X	
3. DOWNSTREAM SLOPE.			
a. Inadequate vegetative cover?		X	
b. Any erosion?		X	
c. Are trees growing on slope?		X	
d. Longitudinal cracks?		X	
e. Transverse cracks?		X	
f. Visual depressions or bulges?		X	
g. Visual settlements?		X	
h. Is the toe or foundation drain wet?		X	
i. Are boils present at the toe?		X	
j. Is seepage present?		X	
k. Animal burrows?		X	
4. ABUTMENT CONTACTS			
a. Any erosion?		X	
b. Visual differential movement?		X	
c. Any cracks noted?		X	
d. Is seepage present?		X	
e. Visual slips?		X	

ITEM	YES	NO	REMARKS
5. INTAKE STRUCTURE			
a. Do concrete surfaces show:			
(1) Spalling?		X	
(2) Cracking?		X	
(3) Erosion?		X	
(4) Scaling?		X	
(5) Cavitation?		X	
(6) Exposed reinforcement?		X	
(7) Other?		X	
b. Do the joints show:			
(1) Displacement or offset?			Not Inspected
(2) Loss of joint material?			Not Inspected
(3) Leakage?			Not Inspected
c. Metal appurtenances:			
(1) Corrosion present?		X	
(2) Breakage present?		X	
(3) Anchor system not secure?		X	
6. PRINCIPAL SPILLWAY CONDUIT			
a. If the conduit is concrete, do concrete surfaces show:			
(1) Spalling?		X	
(2) Cracking?		X	
(3) Erosion?		X	
(4) Scaling?		X	
(5) Exposed reinforcement?		X	
(6) Other?		X	
b. If the conduit is metal:			
(1) Corrosion present?			N/A
(2) Protective coatings inadequate?			N/A
(3) Is the conduit misaligned?			N/A
c. For any material, do the joints show:			
(1) Displacement or offset?		X	
(2) Loss of joint material?		X	
(3) Leakage?		X	
7. CATHODIC PROTECTION			
a. Any exposed wires?			N/A
b. Continuity lost?			N/A
c. Pipe to soil potential? (show voltage)			N/A
d. Current flow from pipe to anodes? (show amps)			N/A
8. OUTLET STRUCTURE			
a. If the conduit is concrete, do concrete surfaces show:			
(1) Spalling?		X	
(2) Cracking?		X	
(3) Erosion?		X	
(4) Scaling?		X	
(5) Exposed reinforcement?		X	
(6) Other?		X	

ITEM	YES	NO	REMARKS
b. Do the joints show:			
(1) Displacement or offset?		X	
(2) Loss of joint material?		X	
(3) Leakage?		X	
c. Do the energy dissipaters show:			
(1) Signs of deterioration?		X	
(2) Covered with debris?		X	
(3) Other?		X	
d. Hydraulically formed or excavated plunge pool (scour hole):			
(1) Is scour hole unstable?		X	
(2) Boils in scour hole?		X	
(3) Trees or willows in or around plunge pool?		X	
(4) Riprap inadequate?		X	
(5) Is seepage present?		X	
e. Is released water:			
(1) Undercutting the outlet?		X	
(2) Eroding the embankment?		X	
f. Is the outlet channel:			
(1) Eroding or backcutting?		X	
(2) Sloughing?		X	
(3) Obstructed?	X		
9. VEGETATED SPILLWAY			
a. Spillway cut slope:			
(1) Inadequate vegetative cover?		X	
(2) Are slopes eroding?		X	
(3) Are slopes sloughing?		X	
(4) Other?		X	
b. Outlet channel:			
(1) Inadequate vegetative cover?		X	
(2) Eroding or backcutting?		X	
(3) Obstructed?		X	
c. Has released water:			
(1) Eroded the embankment?		X	
(2) Undercut the outlet?		X	
(3) Other?		X	
d. Is control not at the level section?		X	
10. GATES OR VALVES			
a. Are gates, valves or stems:			
(1) Broken or bent?			Not Inspected
(2) Corroded or rusted?			Not Inspected
(3) Not maintained?			Not Inspected
(4) Not operational?			Not Inspected
(5) Date last operated?			
11. FOUNDATION DRAINAGE			
a. Are outlet pipes:			
(1) Broken, bent, or missing?		X	
(2) Corroded or rusted?		X	

ITEM	YES	NO	REMARKS
(3) Not operational?		X	
b. Is the discharge:			
(1) Excessive?		X	
(2) Obstructed?		X	
(3) Show piping materials?		X	
12. RESERVOIR CONTROL			
a. Recent upstream development?		X	
b. Slides in reservoir area?		X	
c. Change in reservoir operation?		X	
d. No large impoundment upstream?		X	
e. Excessive sedimentation?		X	
13. OUTLET CHANNEL			
a. Inadequate vegetative cover?		X	
b. Any erosion?		X	
c. Any silt bars?		X	
d. Any tree growth?		X	
e. Inadequate armor protection?		X	
14. OBSERVATION WELLS AND PIEZOMETERS			
a. Inadequate mechanical protection?			N/A
b. Not operative?			N/A
c. Other?			N/A
15. AREA BELOW DAM			
a. Recent downstream development?		X	
b. Boils in area?		X	
c. Seepage or wetness?		X	
d. Slides or sloughing?		X	
e. Obstructions?		X	

Other Comments:

	Name	Title	Date
Inspected by:	_____	_____	_____
Owner/Sponsor	_____	_____	_____
SWCD Rep.	_____	_____	_____
NRCS DC or Rep.	_____	_____	_____