

Watershed Structure Operation and Maintenance Checklist

Date of Inspection: _____

County: _____

Watershed: _____

Site: _____

Sponsor: _____

Field Office: _____

Legal Description, Sec _____ T _____ R _____

Inspector: _____

“Yes” responses need explanation in the “Remarks” section, (i.e. What? Where? Extent?)

Non-applicable items should be lined out

Category	Yes	No	Remarks
Embankment			
a. rodent holes/activity			
b. rills or other erosion; animal trails?			
c. over grazing			
d. cover adequate			
- trees?			
- weeds?			
- bare spots?			
e. wave damage observed?			
f. cracks			
- where?			
- dimensions?			
- direction?			
g. sloughing/sliding			
h. seepage (where, how extensive, elevation)			
- along pipe			
- through fill			
- at abutments? or downstream?			
i. jug holes			
Drainage System / Tile Drain			
a. any flow?			
b. are outlets functioning properly? submerged?			
c. any erosion from drain outlet flow?			
d. outlet pipe corrosion?			
Pipe / Principal Spillway			
a. good general condition			
b. condition of coating? chipped? peeled?			
c. back fall in the cantilever outlet?			
d. rusting? corrosion?			
e. cracking?			
f. outlet submerged?			
g. slide gate operational? wheel, stem, guides OK?			

Category	Yes	No	Remarks
Trash Rack			
a. plugged or impeding flow?			
b. components missing or need replacement? paint?			
Cathodic Protection			
a. describe condition of test box			
b. current measurement (if meter is available)			
Auxiliary Spillway Channel			
a. any erosion?			
b. describe condition of ground cover			
c. sloughing on side slopes?			
d. any unauthorized activity in spillway?			
- feed bunks?			
- equipment storage, etc.?			
- animal or vehicle trails?			
Concrete			
a. trees growing too close (35 ft.) to structure?			
b. concrete cracking? where?			
c. concrete spalling? where?			
d. any heaving or other elevation irregularities?			
e. condition of joints (measure separation, inches)			
Riprap			
a. is riprap in correct location?			
b. describe condition of the riprap			
- breaking up?			
- trees growing in riprap?			
Fencing			
a. wires loose, broken?			
b. describe condition of gates			
- gates properly managed (shut if cattle present)			
Gabions			
a. wire cages intact?			
b. still filled with riprap?			
Hazard Class			
a. Is there development below the top of dam upstream from the structure?			
b. Is there development in the breach inundation area downstream from the structure?			
c. Note any changes from previous inspections.			