

OPERATION AND MAINTENANCE INSPECTION REPORT

WATERSHED _____ SITE _____ DATE OF INSPECTION _____
 FIELD OFFICE _____ COUNTY _____ O&M SPONSOR _____
 Other Sponsoring Local Organizations _____

Current Hazard Classification of Dam:

EAP on file

Hazard Classification Needs Re-evaluating

GENERAL CONDITIONS:

Access Route: _____ Remarks: _____
 Water Level in Reservoir (Relative to Principal Spw. Crest): _____
 Fences (Gates): _____ Remarks: _____
 Livestock Grazing(Type): _____ Over Grazed _____ Remarks: _____
 Development Upstream Around Reservoir: _____ Description/Location: _____
 Development in Downstream Floodplain: _____ Description/Location: _____
 Landrights Boundaries are being Encroached Upon: _____ Remarks: _____
 Inspection Completed By (Name, Title, Organization): _____

“Yes” responses need explanation added in Remarks column or on back of sheet if more space is needed. (ie: Description, Location, Extent, Recommendation)
 “No” responses indicate no problem observed or very minor.
 “N/A” responses indicates specific item not applicable for this site.

ITEMS INSPECTED	STATUS	REMARKS
I. EMBANKMENT:		
a. Front slope vegetative cover inadequate		
b. Back slope vegetative cover inadequate		
c. Crown has inadequate vegetative cover or loss of width		
d. Trees growing on either slope		
e. Trees growing at waterline or on wave berm		
f. Excessive brush/weeds on either slope		
g. Vehicle ruts, livestock trails, benching, or recreational vehicle damage present on crown or embankment slopes		
h. Rodent or animal burrows present (Specify location)		
i. Wave damage on berm or front slope		
j. Displaced, inadequate, or damaged riprap		
k. Excessive drift debris present		
l. Cracks, settlement, bulges, slides, erosion, or sinkholes present		
m. Unusual wet areas, seepage, boils, or non-typical vegetation on back slope of embankment or near back toe		
n. Concrete (parapet wall) showing signs of deterioration, damage, misalignment, joint separation, breaks, cracks, or differential settlement		
o.		
II. PRINCIPAL SPILLWAY: Inlet Structure		
a. Damaged, obstructed, decayed, or corroded debris guard		
b. Deteriorated, cracked, broken or damaged concrete or reinforcement steel exposed		
c. Missing or damaged components (debris guard, gate stem & wheel, vent pipe, orifice plates or manhole cover)		
d. Gate valve not operable		
e. Leakage observed inside inlet		
f. Excessive corrosion of metal appurtenances observed		
g. Modifications made to inlet to alter water surface		
h. Excessive sediment accumulation around inlet		
i. Ports obstructed or otherwise not functional		
j. Trees/brush adjacent to inlet		
k.		

ITEMS INSPECTED	STATUS	REMARKS
III. PRINCIPAL SPILLWAY: Conduit		
a. Concrete or metal conduit deteriorated or corroded		
b. Unexpected flow coming from conduit outlet		
c. Separation of pipe joints or leakage at joints was observed		
d. Conduit outlet is not properly supported		
e. Conduit outlet is partially or totally submerged		
f. Trees/brush adjacent to conduit		
g.		
IV. PLUNGE POOL, IMPACT BASIN, & OUTLET CHANNEL		
a. Outlet channel obstructed causing improper drainage of plunge pool		
b. Foundation drain outlet(s) are submerged, not functioning properly, not located, or have missing rodent guards		
c. Plunge pool or outlet channel degrading or unstable		
d. Trees, brush or debris in or around plunge pool, or adjacent to impact basin		
e. Seepage or boils were observed in vicinity of plunge pool or in downstream area near back toe of embankment		
f. Concrete is deteriorated, rock riprap is displaced or fencing is damaged around impact basin		
g.		
V. AUXILIARY (EMERGENCY) SPILLWAY		
a. Vegetative cover is inadequate		
b. Animal or vehicle trails were observed		
c. Flow area or control section is obstructed or disturbed		
d. Observed storage of equipment, hay, etc., feeding areas, structures, fencing or pens in auxiliary spillway		
e. Observed cracked, damaged, differential settlement, or misaligned roller compacted concrete, soil cement, articulating block structures or formed concrete in auxiliary spillway		
f. Observed excessive trees, brush or weeds		
g. Erosion or seepage is present in flow area or on side slopes		
h.		
VI. FENCES, GATES & BARRIERS		
a. Fencing is inadequate to control livestock grazing, recreational vehicles or unauthorized pedestrian traffic		
b. Observed excessive debris accumulated on fencing		
c. Observed damaged, broken or missing post, wires or gates		
d.		
VII. OTHER (RECREATIONAL FACILITIES, INSTRUMENTATION, SURVEY MARKERS & SECURITY DEVICES)		
a. Facilities observed in damaged or unsafe condition		
b. Instrumentation observed in damaged or inoperable condition		
c. Security devices observed in damaged condition		
d. Survey markers damaged or missing		
e.		

Date of last inspection: _____ **Previous inspection items not completed:** _____

Last inspection items completed: _____

Description of maintenance needed by item number: (include estimated cost; attach additional sheet if needed)