

Dam ID: _____

Downstream hazard: HIGH/SIGNIFICANT/LOW

Inspection date: _____

NEVADA DIVISION OF WATER RESOURCES

DAM SAFETY INSPECTION OBSERVATIONS

I. BACKGROUND

A. Dam name: _____ B. Stream: _____

C. County: _____ D. Contact: _____

phone #: _____ address: _____

E. Land status (dam, reservoir & immediate vicinity):

() public - specify: _____

() private - specify: _____

() other - specify: _____

F. Downstream development:

() Residential: _____ mi. Community name: _____

() Industrial/commercial: _____ mi. () Agricultural: _____ mi. () Undeveloped

() Other: _____

G. Last inspection date: _____ Recommendations: _____

H. Dam stats: Dam use: _____ Max. embankment height: _____

Spillway: YES/NO Dimensions (width x depth): _____

Raise of previous structure? YES/NO Previous permit(s): _____

II. GENERAL

A. Inspection personnel: _____

B. Vicinity (U/S conditions, new D/S hazard, ancillary development, etc.): _____

C. Weather conditions: _____

D. Comments: _____

III. EMBANKMENT & ABUTMENTS

A. Type: _____

B. Integrity (erosion, beaching, sloughing, vandalism, cracking, etc.): _____

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Integrity (cont.) _____

C. Seeps (amount & location, illustrate on pg. 4/5): _____

D. Vegetative cover & rodent activity (type, severity & location, show on pg. 4/5): _____

E. Monuments & instrumentation (separate sheet for data may be required): _____

F. Comments: _____

IV. SPILLWAY(S)

A. Type, number & location (illustrate on pg. 4/5): () Emergency _____

() Service _____

() Other _____

B. Control: () Uncontrolled () Controlled: () Gates () Flashboards () Other: _____

Freeboard over control: _____ Machinery: _____

C. Integrity (condition of concrete & machinery, debris, erosion, etc.): _____

D. Approach and outfall channels (erosion, debris, siltation, etc.): _____

E. Comments: _____

V. OUTLET WORKS

A. Type, number and location (service, tunnel, pressurized pipe, etc.): _____

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B. Condition (debris, trash rack, concrete, etc.): _____

C. Valves/gates: Location: Inlet Outlet Wet well Dry well Guard Other: _____
Condition: _____

Accessibility (particularly under high spillway flow): _____

D. Conduits inspected?: YES NO Vent?: YES NO
 Steel pipe Corr. metal pipe (CMP) Concrete pipe (RCP) Lined tunnel Unlined tunnel
Dimensions: _____
Condition: _____

E. Instrumentation/gauges: _____
F. Comments: _____

VI. RESERVOIR

A. Water storage (or relative stage): _____
B. Condition/comments (shoreline stability, debris, siltation, etc.): _____

VII. RECOMMENDATIONS & COMMENTS

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VIII. ILLUSTRATIONS/ADDENDUMS

A. Draw plan and elevation views of the dam showing appurtenances, outlets, spillways, access roads, trouble spots or seeps. Indicate photograph angles.

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B. Additional space for drawings and/or data from instruments, piezometers or the like. Tabulate the seepage sources with their locations, flow quantities and turbidity.

Inspector(s) _____ Date _____