

MAINTENANCE INSPECTION SHEET

(REQUIRED ANNUALLY FOR ALL PROJECTS UNDER FOREST SERVICE SUPERVISION)

NAME OF PROJECT: Lake Schmidell FOREST: El Dorado

OWNER: ~~Public~~ U.S. Forest Service DISTRICT: Pacific
(Or LU Project)

AUTHORITY: Special Use Permit to Public Use of E & C STREAM: Trib. to Rubicon R.

PURPOSE: Stream flow maintenance YEAR CONSTRUCTED: 1952

LOCATION: Section 33 ; Township 16 N ; Range 13 E ; Meridian MD

OR: State Coordinates x _____ y _____ ; OR: Lat. _____ Long. _____

DAM HEIGHT: 5' 10" Feet; GROSS STORAGE CAPACITY: 203.6 Acre-Feet

(Check condition of project works against check list on back of this form. Describe below any deficiencies by reference number. Attach separate sheet, when necessary, for additional description or photographs. Owner should be notified immediately of deficiencies which require attention.)

One log against wet face of dam.

Masonry appears in good condition.

Dam still spilling on date of inspection 8/14/63.

INITIAL ACTION TAKEN TO CORRECT DEFICIENCIES: _____

MAINTENANCE CONDITION SUMMARY

HAZARD CLASS	MAINTENANCE CONDITION	CRITICAL PROJECT
L <input checked="" type="checkbox"/> M <input type="checkbox"/> H <input type="checkbox"/>	U <input type="checkbox"/> P <input type="checkbox"/> S <input checked="" type="checkbox"/>	U + M or H <input type="checkbox"/>

INSPECTED BY: Walter J. Crumwell (Name) A.D.P. (Title) ; 8/14/63 (Date)

(OVER)

INSPECTION OF DAM AND RESERVOIR IN CERTIFIED STATUS

Name of dam Schmidell Lake Dam No. 1-29 County El Dorado
Type of dam Masonry rock Type of Spillway Overpour
Water is At ~~xxx~~ spillway crest and _____ feet _____ dam crest.
(above, below) (above, below)

Contacts made Inspected with Ted Vande Sande
Detail in question Periodic evaluation
Action taken See remarks

Remarks*

Conclusion

The dam is satisfactory for continued use.

Observations

Dam - The dam appears the same as the photographs taken during the last inspection September 28, 1978. The 1970 mortar repair continues to hold up good. There are about 6 rocks loose or missing along the crest and around the outlet well. There are 2 logs upstream that should be removed but this is not critical.

Leakage - Flow downstream is about 1 cfs. About 1/3 of this is leakage through the dam from a line 3 feet below the crest down. The rest is overflow. Fish and Game is talking of trying to plug the leakage with an epoxy mortar that will stick under water.

The leakage appears to be more than in photograph taken September 28, 1978.

Outlet - There are a few rocks in the well that should be removed but will not restrict flow. The operating stem is bent about 5-10° between the supports but operator should still work.

Action Taken

I suggested the valveoperating stem be straightened, the logs upstream be removed and the rocks replaced on the dam when they try to plug the leakage.

*According to Vande Sande an underwater repair material called "aquatapoxy" would worth trying (its expensive)
RAB*

OCT 3 '80 BV

Typed by rr
Date 9/26/80
cc for _____

*Note any change in condition since last inspection such as: seepage; erosion; deterioration of materials; cracks; method of operation; use of flashboards; etc.

Inspection by BJVanberg
Date of inspection 9/19/80
Date of report 9/22/80
Photos taken? Yes No