

file
~~RES. BLDG.~~
~~12TH FLOOR~~

INSPECTION OF DAM AND RESERVOIR IN CERTIFIED STATUS

Name of dam Stony Ridge Lake Dam No. 1-32 County El Dorado
Type of dam Rock masonry Type of Spillway Overpour
Water is 1.2 feet 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*

cc: *Jim Richard*

Conclusion

The dam is satisfactory for continued use.

Observations

Dam-In general the dam looks good. There are a few rocks dislodged along the crest of both dams. There are a few logs next to the dam both upstream and downstream that need removing.

Leakage - 20 feet from right and 1.3 feet below crest 10-12 gpm.
Through crack in large boulder 5-10 gpm.
Outlet partially open or leaking --submerged.
Right of rock in center of left dam--40-50 gpm.
Total downstream----80-100 gpm.
According to previous reports the leakage through the dam has increased.
The last inspection was July 26, 1977.

Outlet - There are rocks and debris in the outlet gate entrance area over the top of the gate which need to be removed. The operator down to the debris level looked satisfactory.

Action Taken

I requested that since they intend to stop some of the leakage using an underwater epoxy cement this fall, that the logs around the dam be removed, the rocks along the crest be replaced and the outlet gate entrance cleaned out at the same time.

AQUATAPOXY, M^r KUSICK HAS INFORMATION BROCHURE. — says Vande Sande on Jan 14 81

OCT 3 '80 BV

Typed by rr
Date 9/26/80
cc for Ted Vande Sande

*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 9/18/80
Date of report 9/22/80
Photos taken? Yes No