

GRAND COUNTY WATER CONSERVANCY DISTRICT  
GRAND COUNTY SPECIAL SERVICE WATER DISTRICT

Regular Meeting-----September 9, 1982

The meeting was called to order by Chairman K.E. McDougald at 7:00 A.M. at the Ramada Inn with the following Board Members present: Everett Schumaker, Sam Taylor, William Hines, and Robert Norman.

ATTENDANCE

Special Service Water District Board Members present: K.E. McDougald, Everett Schumaker, Dan Holyoak and George White.

Also present: Ken Cooper, Larry Anderson, Brad Price, Dr. Rollins, Dale Pierson, Maintenance Man, David J. Bretzke, Executive Director, and Donna Jo Koskinen, Secretary.

Ken Cooper discussed with the Board the drilling of the test hole at Ken's Lake. He stated that he used 7 yds of concrete, 65 sacks of gel and loss circulation materials, drilled 120' deep, pumped water into hole after loss circulation material until full. He also stated that the water was going down slowly in the hole the following day. K.E. McDougald suggested cleaning down to the bedrock and lining the fracture with clay.

KEN COOPER-  
TEST HOLE

Robert Norman felt that the drilling of the test hole was a success. He suggested that we drill one more hole 40' up from the first test hole, parrell and southeast of the fracture. George White suggested that we drill further down and fill each hole as it appears.

The Board tabled this matter until Dr. Rollins, Brad Price, and Larry Anderson arrives for this meeting.

Brad Price gave a summary of the blanketing of the reservoir. He felt that approximately 7 acres was left to blanket. He stated that the blanketing of 1.2 acres cost approximately \$38,000.00 after the reservoir was finished. The new fracture is approximately at the elevation of 5027CFS. He stated that there were 4 alternatives in repairing the fracture. They are as follows:

BRAD PRICE-  
SUMMARY OF  
BLANKET

- (1) Extend grouting program
- (2) Synthetic lining
- (3) Blanket a portion of the unblanketed part of the reservoir
- (4) Blanket all the remaining reservoir

Dr. Rollins explained the grouting program of the reservoir. He stated that we need to isolate areas of leakage and determine questionable areas for grouting. He does not feel that this is the general solution to our problem. He feels that water seepage under the blanket caused the rupture.

GROUTING  
PROGRAM OF  
RESERVOIR

Brad Price stated that he felt that we would have to drill enough holes to intersect fracture and this is not economical. He stated that the first thing that they feel should be done is to have a surface investigation, expose the bedrock, and locate significant size joints by dozing blade wide strips at 100 foot intervals perpendicular to the water in the Lake.

BRAD PRICE -  
MORE TEST  
HOLES-GROUTING

The second thing that should be done at an economical approach is to dental grout the joints, plug the joints and clay blanket.

Ken Cooper asked about a 30' high dike. Brad Price told him that the dike would cost about \$200,000.00

DIKE

Dr. Rollins explained that we need to investigate joints first, cost estimate for various ways of repairs, grouting, lining and repairing troubled areas.

Larry Anderson told the Board about his meeting with Bryce Montgomery concerning grouting and blanketing of the reservoir. Bryce is concerned about grouting the area and missing some of the joints and he has some concerns about the blanketing of the area. Larry stated that the Board must make a decision.

LARRY ANDER-  
SON'S MEETING  
WITH BRYCE  
MONTGOMERY

A Motion by Sam Taylor and seconded by Robert Norman to do Phase I of Rollins, Brown, & Gunnell's proposal and not to exceed \$9,895.00. MOTION CARRIED. Everett Schumaker opposed because felt that we were wasting time and should start advertising for bids to blanket the reservoir. He also felt that we are going to have to blanket the remaining reservoir anyway so we should get started as soon as possible before the reservoir gets any more water and winter sets in.

PHASE I OF  
ROLLINS, BROWN  
& GUNNELL'S  
PROPOSAL

The completion of Phase I should take approximately 3 to 4 weeks. (1 week for field work, 2 weeks for plans, specs, and discussing their findings with the Board)

Larry Anderson asked that Rollins, Brown and Gunnell do the Phase I work. The Board agreed. Rollins, Brown, and Gunnell will take the responsibility of the blanket.

Larry Anderson stated that he will prepare a contract for the second Phase. This will be paid out of the \$300,000.00 Bond Issue.

CONTRACT FOR  
PHASE II

David Bretzke told the Board that Richard Nunn was taking water and that he has been trying to get in touch Mark Page. He will give a report on this matter at the next Board Meeting on September 21, 1982.

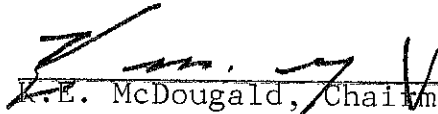
MESA USERS-  
RICHARD NUNN

A Motion by Sam Taylor and seconded by George White to change the day of the Grand County Water Conservancy District and Grand County Special Service Water District's Board Meeting to Tuesday instead of Mondays. MOTION CARRIED.

DAY OF MEET-  
ING CHANGED

The meeting adjourned at 9:10 A.M.

ATTEST:

  
K.E. McDougald, Chairman

  
David J. Bretzke, Secretary