

Memorandum of Special Postflood Inspections
January 27, 28, 29, and 31, 1969

X Senior Canyon Dam, No. 1761

Contacts: None

The inflow to the reservoir is normally by diversion. There appeared to be a maximum spill of several inches during the storm, but the reservoir was about 30 feet below spillway crest during the inspection. No visible change in the satisfactory condition of the dam was apparent but the requested maintenance work still must be done.

January 31, 1969

X Shell Oil Company Dam, No. 763-2

Contacts: None

X Taylor #2 Dam, No. 763-3

These dams remain in an unchanged satisfactory condition except that the requested maintenance work had been performed.

X Littlerock Dam, No. 57

Contacts: None

The dam was spilling about 1 foot over the lowest section of spillway during the inspection. Maximum spill appeared to have been approximately 6 to 7 feet during the storm. Because the spillway was operating and the roads to the downstream toe were washed out, access onto the dam crest was not possible. Observation of the visible arch bays from the roadway along the west side of Littlerock Creek revealed numerous seeps all the way to the spillway level. Aside from these seeps, no other unusual conditions were noticed.

JJHeneghan:bd
2/11/69



251.768

View of small shallow slide along
the northerly edge of the reservoir.



View, looking upstream from
toe of dam, showing depression
on the downstream slope.

MEINERS OAKS DAM, NO. 768
1/29/69 JJH

FEB 28 '69 JJH

State of California
The Resources Agency
DEPARTMENT OF WATER RESOURCES
DIVISION OF SAFETY OF DAMS

INSPECTION OF DAM AND RESERVOIR IN APPROVED STATUS

Name of dam Meiners Oaks Dam No. 768
Type of dam Earth Type of Spillway Concrete culvert
Water is 3 feet below spillway crest and _____ feet _____ dam crest.
(above, below) (above, below)
Contacts made Mr. Jackson of Meiners Oaks County Water District
Detail in question Periodic inspection
Action taken See "Remarks"

*Remarks**

A portion of the weed growth near the downstream toe had been removed to the point that an apparent shallow depression, located immediately upstream from the valve box at the downstream toe, was exposed. However, Mr. Jackson indicated that, after a break had occurred in the unencased section of the outlet pipe in 1958, a trench was excavated, repairs made, and additional encasement provided. Upon completion of the work, the area was filled in but apparently was not adequately recompacted or regraded, thus resulting in the irregular depression. Mr. J. E. Ley's field inspection of May 20, 1958, documents the additional encasement work, and therefore the reason for the remaining depression is plausible. During the inspection, no leakage was observed at the toe of the dam. Mr. Jackson is going to obtain a fire permit to allow burning of the remaining brush on the downstream slope.

The walkway of the suspension access bridge to the outlet tower had been broken by vandals. Mr. Jackson plans to repair the damage when the reservoir is again dry. Until repaired, the releases can be controlled from the dam crest by an auxiliary sloping-stem operator.

The planned water distribution system improvements by J. M. Montgomery, Consulting Engineers have temporarily been stalled due to financing problems.

The spillway was clear during the inspection.

Generally, the dam appears to be in satisfactory condition.

Typed by bd
Date 12/10/68
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 J. J. Heneghan
Date of inspection 11-26-68
Date of report 12-4-68
Photos taken? Yes ☒ No ☐

State of California
The Resources Agency
DEPARTMENT OF WATER RESOURCES
DIVISION OF SAFETY OF DAMS

INSPECTION OF DAM AND RESERVOIR IN APPROVED STATUS

Name of dam Meiners Oaks Dam No. 768
Type of dam Earth Type of Spillway Concrete culvert
Water is 20 feet below spillway crest and _____ feet _____ dam crest.
(above, below) (above, below)
Contacts made Messrs. Jackson and King of Meiners Oaks County Water District
Detail in question Periodic inspection
Action taken See "Remarks"

*Remarks **

The runoff bypass channel around the left abutment was blocked by debris. Mr. Jackson indicated that the blockage would be removed.

The reservoir was being drawn down for cleaning. The Water District is having water quality problems and has hired James M. Montgomery Consulting Engineers, Inc., of Pasadena to design an improved water distribution system. Because Mr. Jackson indicated that this uprated system may include removal of the reservoir, I telephoned Mr. Ted Baker at J. M. Montgomery Engineers to ascertain whether any definite conclusions regarding the future of the reservoir had been reached. He indicated that two alternatives now exist: either cover and line the existing reservoir, or remove the open reservoir and incorporate tank storage into the distribution system. I informed Mr. Baker that either alternative requires that alteration applications be filed with Safety of Dams. Mr. Baker will obtain the necessary applications from me when a definite decision has been made.

Generally the dam remains unchanged since the last inspection.

Typed by bd
Date 12-21-67
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 J. J. Heneghan
Date of inspection 12-12-67
Date of report 12-19-67
Photos taken? Yes ☐ No ☒

State of California
The Resources Agency
DEPARTMENT OF WATER RESOURCES
DIVISION OF SAFETY OF DAMS

INSPECTION OF DAM AND RESERVOIR IN APPROVED STATUS

Name of dam Meiners Oaks Dam No. 768
Type of dam Earth Type of Spillway Concrete culvert
Water is 8 feet below spillway crest and _____ feet _____ dam crest.
(above, below) (above, below)
Contacts made Mr. Jackson
Detail in question Periodic inspection
Action taken See "Remarks"

*Remarks **

An inspection of the dam crest revealed a low spot near the center of the dam and an erosion gully resulting from the recent rains on the downstream face. Mr. Jackson indicated that the low spot had existed there for some time. The as-built plans do not show any camber for the dam. It is possible that normal settlement of the dam has produced the low spot. However, it was noticed that the low spot is located approximately over the inlet-outlet pipe on a straight line between the tower and valve structure at the downstream toe. According to Mr. Jackson, this was the area of the crest used for dumping muck from the reservoir during cleaning, as documented in the inspection report of August 15, 1957, until we stopped the practice. The inspection report of August 15, 1957, indicates that the amount of dumped muck was enough to weight the upper portion of the downstream slope. It is possible that the low spot is the result. I instructed Mr. Jackson to take immediate measures to drain water away from the area to prevent further erosion of the downstream slope, and to watch the area closely. I believe that a line of survey monuments across the crest would be a valuable aid in detecting any detrimental settlement of the dam.

A wet spot was observed in the channel near the valve at the downstream toe. Mr. Jackson indicated that he had flushed the water supply tank at the left abutment, and the flush water had drained to that area. No apparent seepage was noticed at the toe.

The area received 8 inches of rain in 48 hours during late November. The runoff bypass channel was observed to be blocked in several areas by slope sloughing and the runoff apparently diverted into the reservoir, in several places undermining the fence around the reservoir.

Ventura River Municipal Water District has constructed a large round storage tank on a ridge above the reservoir.

Aside from the low spot, the remaining conditions at the dam appear to be satisfactory.

JAN 23 '67 JJH
1-23-67 KJ

Typed by bd
Date 1-23-67
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.

W. D. Pedersen
J. J. Heneghan
Inspection by _____
Date of inspection 1-10-67
Date of report 1-13-67
Photos taken? Yes ☒ No ☐



JAN . 67

View shows area of low spot in crest and erosion gully on the downstream slope.

Meiners Oaks Dam, No. 768
1-10-67 J JH

JAN 20 '67 J JH

January 20, 1966

Meiners Oaks County Water District
202 West El Robler Drive
Meiners Oaks, California

Attention: Mr. W. W. Jackson

Subject: Meiners Oaks Dam,
No. 768

Gentlemen:

Enclosed is the Certificate of Approval for Meiners Oaks Dam, issued in accordance with the provisions of Section 6357.3 of Division 3 of the California Water Code. The certificate with its terms and conditions was signed on January 20, 1966, and supersedes all previously issued Certificates of Approval or written consent for use of the dam.

Sincerely yours,

Original Signed by
Robert B. Jansen

Robert B. Jansen
Division Engineer
Division of Safety of Dams

JELeY:cas
Enclosure
Certified Mail
cc: Mr. J. E. Ley
Los Angeles

JAN 24 '66 J.W.

Entered 1-21
JW

Jansen

227

The Resources Agency of California
DEPARTMENT OF WATER RESOURCES
SUPERVISION OF DAM SAFETY OFFICE

INSPECTION OF DAM IN APPROVED STATUS

Name of dam Meiners Oaks Dam No. 768
Type of dam Earth Type of Spillway Concrete culvert
Water is 2.5 feet below spillway crest and _____ feet _____ dam crest.
(above, below) (above, below)
Contacts made Mr. Jackson
Detail in question Periodic inspection
Action taken See remarks

*Remarks**

There was considerable rodent activity on the upstream face of the dam. This was pointed out to Mr. Jackson. He said they are continuing a program of trapping of gophers. Aside from the rodent activity, the condition of the slopes of the dam appeared to be satisfactory. There was no seepage evident downstream of the dam.

Weeds and brush were growing in the area adjacent to the spillway approach. It was requested that these be removed and Mr. Jackson was agreeable. The condition of the peripheral ditch to take water around the reservoir appeared to be satisfactory.

The valve stem and wheel for the main outlet valve for the upstream end of the pipe and the three tower inlet gates needed lubrication. It was requested that lubrication made on these stems, and as soon as the lake was drawn down so the valves were accessible, maintenance be made on them.

Aside from the two aforementioned facts, the condition of the dam was judged to be satisfactory.

Typed by hd
Date 5-27-64
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.

5-27-64

Inspection by R. E. Stephenson
Date of inspection 5-19-64
Date of report 5-25-64
Photos taken? Yes ☐ No ☒

DEPARTMENT OF WATER RESOURCES

P.O. BOX 6598
LOS ANGELES 90055



April 30, 1964

W.W.
Mr. Jackson, Manager
Meiners Oaks County Water District
Ojai, California

Dear Mr. Jackson:

This office has been directed by Governor Brown to make a special inspection and report on the condition of all dams in California coming within state jurisdiction as to safety. The inspection will give priority to dams in urban locations and will take cognizance of any circumstances paralleling the Baldwin Hills Reservoir situation.

In connection with this report, information pertaining to each of the following listed dams is required:

Meiners Oaks Dam No. 768

Will you therefore please reply in detail to the following questions as soon as possible.

1. What observations are made of the dam and at what frequency? Supt. visits at least 3 times daily
State Inspection annually
 - a. Are surface settlement and movement readings taken? How often? No
 - b. What other instrumentation is installed at the dam and at what frequency are readings taken? None
 - c. Are the results of these readings summarized and studied? How often?
 - d. Are these studies furnished to this office?

Small Reservoir 7,450,000 gallons capacity

Note: During rainy season this reservoir is empty, we do this each year to let it dry out for cleaning. We use a tank during this period.

2. What is the program and staff for observation and operation of the dam?
 - a. Do you have an operator or caretaker in continuous attendance at the dam? No
 - b. If not, during what periods is the dam unattended?
3. What are the facilities for emptying the reservoir?
 - a. ^{Gate Valve} Can this be done without downstream damage and at what rate? Yes
 - b. How quickly can the reservoir be emptied in an emergency? 72 hrs 72 hrs.
 - c. What is the length of time required to start emptying?
4. In the event of a threatened failure of the dam, have plans been made for reporting the emergency, including designation of those responsible for specific action?
 - a. Do you know, and have maps of, the approximate area which could be flooded if the dam failed?
 - b. Approximately how many people would have to be evacuated? None
5. What automatic devices, if any, exist on the dam or reservoir which would show changed operating conditions quickly?
6. Do you have any other information relating to procedures, physical factors, or facilities which would be important in the event of an emergency with only a limited time warning?

Please send this information to Mr. W. A. Brown, Supervisor, Supervision of Dam Safety Office, P. O. Box 388, Sacramento 2, California, with a copy to this office.

Sincerely yours,

W. A. Brown
Supervisor, Safety of Dams


By J. E. Ley

Supervising Engineer, Safety of Dams
Southern District

cc: Mr. W. A. Brown

To: L.A. file
251
768

November 8, 1963

Mr. Jackson, Manager
Meiners Oaks County Water District
Ojai, California

Subject: Meiners Oaks Dam No. 768

Dear Mr. Jackson:

On November 6, 1963, an engineer and myself made an inspection of subject dam; we attempted to contact you at this time but your office was closed for the lunch hour. As a result of this inspection, it is requested that the following maintenance work be done in the interest of safety:

1. Clear the spillway entrance of vegetation.
2. Eliminate rodent activity in the embankment.

Your cooperation in this matter will be appreciated.

Sincerely yours,

James E. Ley
Supervising Engineer, Safety of Dams
Southern District

RJRieker:hd

cc: Mr. W. A. Brown
Sacramento

The Resources Agency of California
DEPARTMENT OF WATER RESOURCES

INSPECTION OF DAM IN APPROVED STATUS

Name of dam Meiners Oaks Dam No. 768
Type of dam Earth Type of Spillway Concrete Culvert
Water is 2-1/2 feet below spillway crest and _____ feet _____ dam crest.
(above, below) (above, below)
Contacts made None
Detail in question Periodic inspection
Action taken See remarks

Remarks *

It was noted that the spillway entrance was blocked with vegetation and rodent activity was apparent in the embankment. The attached letter was sent requesting corrected action.

The condition of the dam remains satisfactory.

Typed by hd
Date 11-7-63
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 J. E. Ley
R. J. Rieker *RSR*
Date of inspection 11-6-63 *11-7-63*
Date of report 11-7-63
Photos taken? Yes ☐ No ☒

NOV 15 1963 W.A.B.

STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES

INSPECTION OF DAM

Name of dam Meiners Oaks Dam No. 768
Type of dam Earth Type of spillway Concrete Culvert
Water is 2 feet below spillway crest and feet dam crest.
above, below above, below
Contacts made Secretary in office after inspection
Detail in question Periodic Inspection
Action taken None required

Remarks*

One foot of flashboard was in place in spillway.

There was some brush growing at the spillway exit channel. It
was requested that this be removed. Aside from the afore-mentioned, the
condition of the dam continues to be satisfactory.

Typed by J. Raymond
Date 7-23-62
cc for

*Note any change in conditions
since last inspection such as: see-
page; erosion; deterioration of mat-
erials; cracks; method of operation;
use of flashboards; etc.

Inspection by R. E. Stephenson
Date of inspection 7-5-62
Date of report 7-16-62
Photos taken? Yes ☐ No ☒

STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES

INSPECTION OF DAM

Name of dam Meiners Oaks Dam No. 768
Type of dam Earth Type of spillway Concrete Culvert
Water is 4 feet below spillway crest and feet dam crest.
above, below above, below
Contacts made Mr. Jackson and a Board Member
Detail in question Proposed increase of storage capacity.
Action taken See Remarks.

Remarks*

Due to development growth, the Water District is considering increasing the storage capacity of Meiners Oaks Reservoir.

This meeting was at the request of the Water District to discuss this problem.

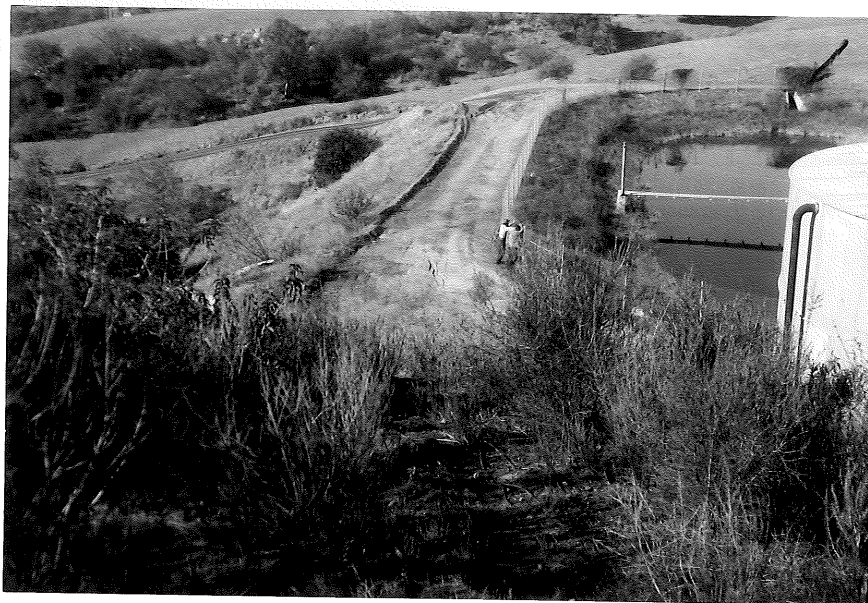
They intend to excavate a projecting area at the upstream right side of the reservoir. Removal of the material could increase the capacity from 6,000,000 to 7,000,000 gallons, according to Mr. Jackson. Removal of this material would have no effect on the dam. The excavated material would be hauled away. The writer asked that we be given the new capacity figure if the work is done. They will drain the reservoir in the near future for cleaning.

The work requested at Mr. Stephenson's inspection on October 3, 1961, had been done; however, another small pot-hole was noted on the upper downstream face in the waste mud dumped material; it was requested that this be filled.

Typed by mr
Date 12-6-61
cc for

*Note any change in conditions since last inspection such as: see-page; erosion; deterioration of materials; cracks; method of operation; use of flashboards; etc.

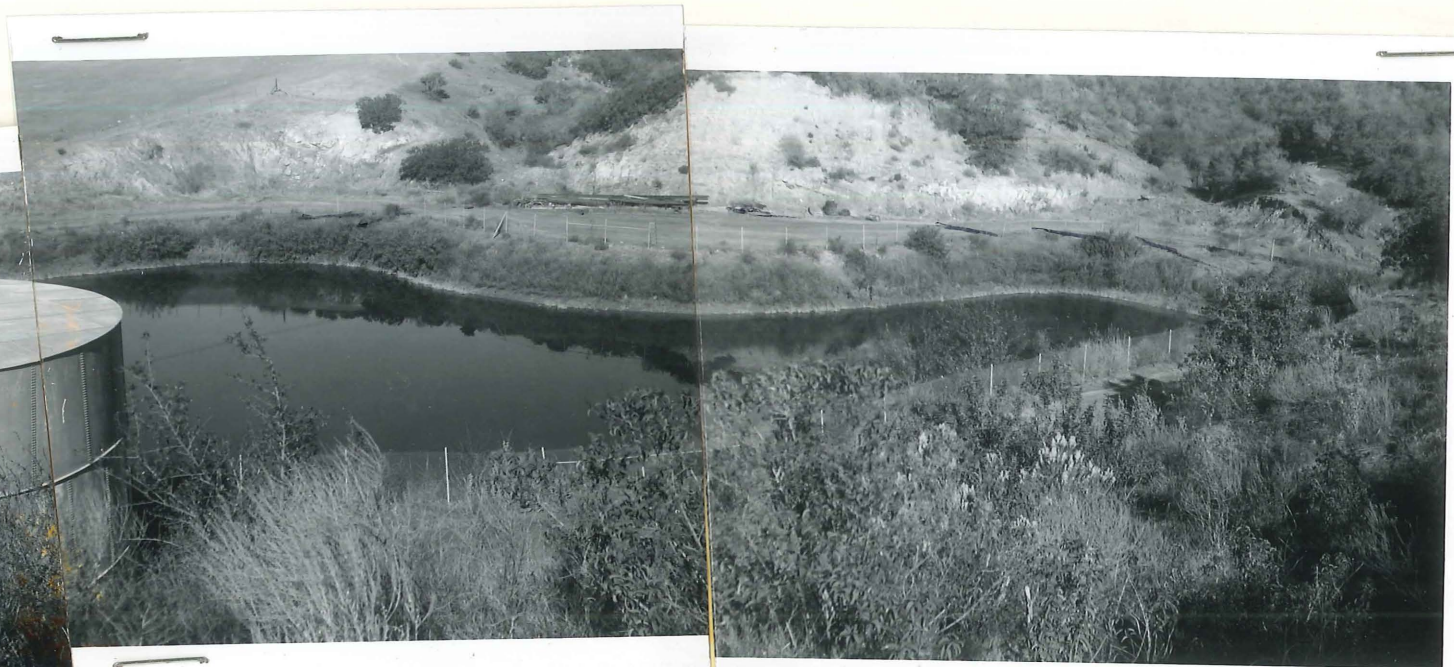
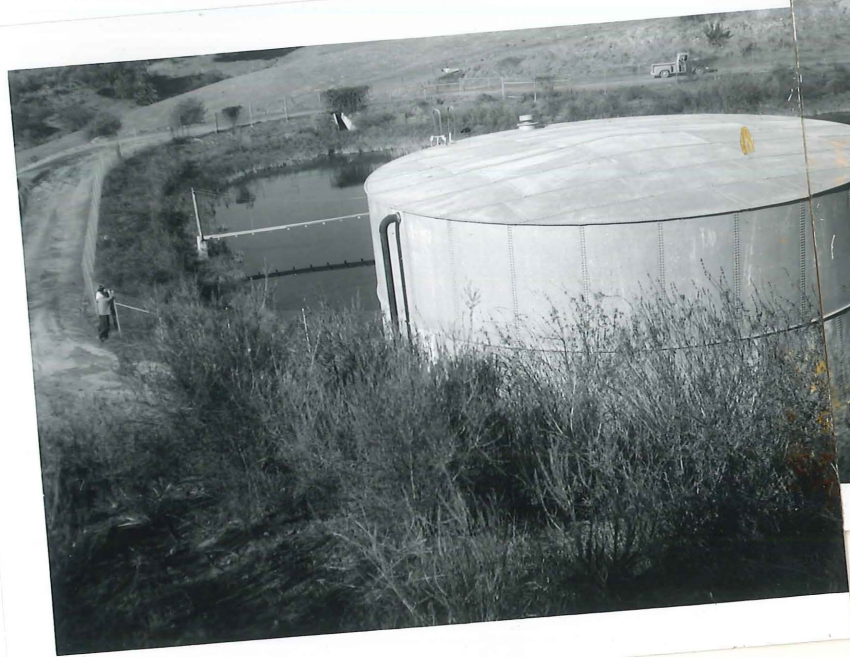
Inspection by JEley
Date of inspection 12-5-61
Date of report 12-6-61
Photos taken? Yes ☒ No ☐



Looking across dam from left to right, spillway marked
by arrow.

Meiners Oaks Dam No. 768
12-5-61 JEL

JAN 2 1962 W.A.B.



General view of reservoir from the left side; the area outlined by the dashed inked line is proposed for removal to increase storage capacity.

ers Oaks Dam No. 768
JEL
.61

768
JEL
.61

STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES

INSPECTION OF DAM

Name of dam Meiners Oaks Dam No. 768
Type of dam Earth Type of spillway Concrete Culvert
Water is Five feet below spillway crest and feet dam crest.
above, below above, below
Contacts made Mrs. Beard after inspection
Detail in question Periodic inspection
Action taken See "Remarks"

Remarks*

Mr. Jackson, the Manager, was on vacation, so word was left with Mrs. Beard, the Secretary, on minor work to be done at the dam.

There was no seepage at the downstream toe.

A crew of men in the Ventura County Road Department were preparing to blacktop the crest of the dam and the approach road. This work can only improve the condition of the dam.

The spillway was clear.

There were two pot holes, one about five feet deep, near the left abutment contact on the downstream side of the crest in the area in which they used to dump the muck from the cleaning of the reservoir. These holes did not appear to be structurally significant; however, Mrs. Beard was requested to have the maintenance personnel fill them in.

The general condition of the dam appears to be satisfactory.

Typed by mr
Date 10-11-61
cc for

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

Inspection by R. E. Stephenson
Date of inspection 10-3-61
Date of report 10-6-61
Photos taken? Yes ☐ No ☒

Sheet 1 of 1 Sheets

STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES

INSPECTION OF DAM

Name of dam Meiners Oaks Dam No. 768
 Type of dam Earth Type of spillway Concrete culvert
 Water is 5 feet below spillway crest and feet dam crest.
above, below above, below
 Contacts made Mrs. Beard, Secretary in office, before and after inspection
 Detail in question Periodic inspection
 Action taken See remarks

Remarks*

There was some brush growing in the exit to the spillway chute.
It was requested that this be removed.

Aside from the afore-mentioned, the condition of the dam
continues to be satisfactory.

11-30-60

JEH 11-30-60

Typed by H. Hynes
 Date 11-30-60
 cc for

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

J.E.Ley
 Inspection by R.E. Stephenson
 Date of inspection 11-16-60
 Date of report 11-21-60
 Photos taken? Yes ☐ No ☒

DEC 3 '60 W.A.R.

Sheet of Sheets

STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES

INSPECTION OF DAM

Name of dam Meiners Oaks Dam No. 768
 Type of dam Earth Type of spillway Concrete culvert
 Water is empty feet above, below spillway crest and feet above, below dam crest.
 Contacts made Secretary in office, before inspection
 Detail in question Periodic inspection
 Action taken None

Remarks*

The reservoir has recently been drained for cleaning.

There has been no apparent change in the satisfactory condition of this dam.

JEH
4-10-59
gfs

Typed by GB
 Date 4-8-59
 cc for

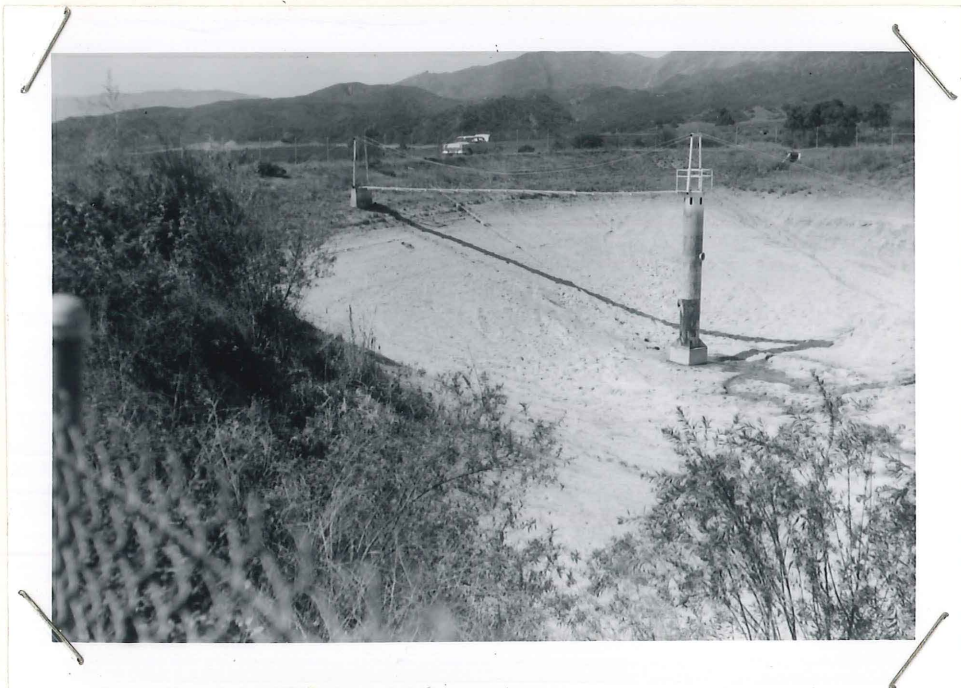
*Note any change in conditions since last inspection such as: seepage; erosion; deterioration of materials; cracks; method of operation; use of flashboards; etc.

Inspection by J. E. Ley
 Date of inspection 3-11-59
 Date of report
 Photos taken? Yes ☒ No ☐

APR 14 '59 W.A.B.

Sheet 1 of 1 Sheets

To: Mr. W. A. Brown
Sacramento



Looking at upstream face from left side; note outlet tower;
arrow points to spillway.

120 PM 1 ON 3 10

MAY 4 '59 W.A.B. OL

Meiners Oak Dam No. 768
3-11-59 JEL

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER RESOURCES

INSPECTION OF DAM

Name of dam Meiners Oaks Dam No. 768
 Type of dam Earth Type of spillway Concrete culvert
 Water is 3 + feet below spillway crest and feet dam crest.
above, below above, below

Contacts made Mrs. Beard, secretary, and Mr. Jackson, manager
 Detail in question Periodic inspection
 Action taken See remarks

Remarks*

Inspection was with Mr. Wilbert W. Jackson, who has replaced Mr. Briggs as manager at the first of this year.

A steel tank has been built at the left side of the reservoir about 50 feet upstream of the dam, see picture, dated May 20, 1958. It sits next to the reservoir side slope on a foundation of medium hard sandstone. There were no signs of movement or settlement of the ground from the weight of this tank. A 12-inch discharge pipe from the tank is buried at the left abutment, then passes exposed down the left abutment contact. The maximum head on this pipe would be 24 feet. The pipe was buried bare. Mr. Jackson was told that we should have been informed before the installation of this tank. Installation of this tank could have been improved by: (1) Concrete encasement around the section of pipe that passes over the left abutment; (2) Moved back slightly farther from the top edge of the reservoir side slope.

One foot of splash boards were in the spillway entrance. This probably does not reduce capacity, see report dated December 12, 1955.

They had a break in the outlet pipe at the downstream end, about six inches below the end of the concrete encasement. This was satisfactorily repaired and the encasement extended. The completed work was still exposed. There has been no further leakage.

State supervision of dam for safety and requirements of the owners was discussed with Mr. Jackson.

The condition of this dam appears satisfactory.

Typed by T Aldridge
 Date 6-10-58
 cc for

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

Inspection by J. E. Ley
 Date of inspection 5-20-58
 Date of report 6-10-58
 Photos taken? Yes ☒ No ☐

Sheet of Sheets

JUN 16 '58 W.A.B.



Picture of downstream face, showing location of tank at left side of reservoir; arrow marks location of outlet line from tank.

Miners Oaks Dam No. 768
5-20-58 J.E.L.

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER RESOURCES

768
File

INSPECTION OF DAM

Name of dam Meiners Oaks Dam No. 768
 Type of dam Earth Type of spillway Concrete culvert
 Water is 3⁺ feet below spillway crest and feet dam crest.
above, below above, below
 Contacts made Mr. Briggs
 Detail in question Periodic inspection
 Action taken See remarks

Remarks*

Inspection was with Mr. Briggs.

The downstream toe was dry.

Mr. Briggs has been dumping muck from the cleaning of the reservoir over the downstream face; most of it remains on the upper portion of the slope. The writer requested that he find another waste site as the present practice weights the upper portion of the slope thereby reducing stability. He concurred with this request.

According to Mr. Briggs the District is thinking of building an additional reservoir because of increased water demands.

The condition of the dam appears satisfactory.

SEP 11 1957
JES

Typed by ta
 Date 9-6-57
 cc for _____

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

Inspection by J. E. Ley
 Date of inspection 8-15-57
 Date of report 9-6-57
 Photos taken? Yes ☐ No ☒

SEP 17 '57 W.A.B.

Sheet _____ of _____ Sheets

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER RESOURCES

INSPECTION OF DAM

Name of dam Meiners Oaks Dam No. 768
Type of dam Earth Type of spillway Concrete culvert
Water is 10⁺ feet below spillway crest and feet dam crest.
above, below above, below
Contacts made Secretary in Water District office
Detail in question Periodic Inspection
Action taken See below

Remarks*

Mr. Briggs was not in. His secretary was contacted before and after the inspection.

A one-foot splashboard was in place. Due to its position in a and open section upstream of the culvert throat, it probably would not be a control at high flows.

The roadfill in front of the culvert exit had been cut down as requested at the last inspection.

A small erosion gully has started at the lower right abutment. It was advised that the progress of this condition be checked by placement of rock or broken concrete.

Heavy algae growth was noted in the bottom of the reservoir.

Except for the erosion, the general condition of this dam is satisfactory.

Typed by hs
Date 12-22-55
cc for

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

Inspection by J. E. Ley
Date of inspection 12-12-55
Date of report
Photos taken? Yes ☐ No ☒

DEC 27 '55 W.A.B.

Sheet of Sheets

J. V. Spielman - L.A.

A. D. EDMONSTON, STATE ENGINEER
CHIEF OF DIVISION

GOODWIN J. KNIGHT
GOVERNOR OF CALIFORNIA

FRANK B. DURKEE
DIRECTOR

STATE OF CALIFORNIA
Department of Public Works
SACRAMENTO

ADDRESS REPLY TO
DIVISION OF WATER RESOURCES
P. O. BOX 1079
SACRAMENTO 5
PUBLIC WORKS BUILDING
1120 N STREET

March 24, 1955

251.

Mr. John A. Dron
Civil Engineer
Gridley Road
Ojai, California

Subject: Meiners Oaks Dam, No. 768

Dear Mr. Dron:

Enclosed is certificate of approval for the above dam, as constructed, issued pursuant to the provisions of the law governing state supervision of dams. This certificate was signed by the State Engineer on March 23, 1955.

The tracing in duplicate was also approved on the above date. One tracing is being returned to you by Railway Express. The duplicate tracing will be retained on file as part of our official records.

The above items are being transmitted to you, as agent for the owner, the Meiners Oaks County Water District, for further transmittal to the District.

Very truly yours,

A. D. EDMONSTON, STATE ENGINEER

MAR 24 '55 W.A.B.

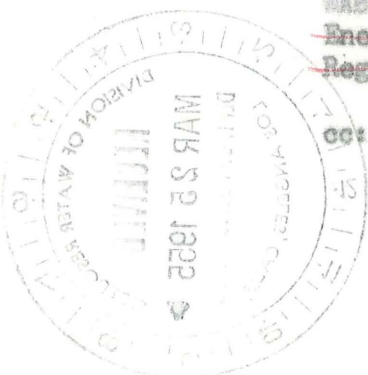
By

W. A. Brown
Principal Engineer of Dams

WAB:AW
Enc.
Reg.

cc: Mr. J. V. Spielman ✓
Meiners Oaks County Water District

APPROVAL - 3/23/55



February 23, 1955

Mr. John A. Dron
Civil Engineer
Gridley Road
Ojai, California

Subject: Meiners Oaks Dam No. 768

Dear Mr. Dron:

Thank you for your letter of February 10 transmitting one print of the above dam "as built".

The print is being returned with some suggested additional notes and questions indicated in red pencil.

After making additions and corrections please send two tracings to the Division, Box 1079, Sacramento 5, for approval.

Very truly yours,

A. D. EDMONSTON, STATE ENGINEER

By

J. V. Spielman
Supervising Engineer - Dams

Enc.

JVS:ft

cc: Mr. W. A. Brown
Sacramento

TO. MR. W. A. BROWN
SACRAMENTO

MEMORANDUM TO MR. J. V. SPIELMAN

Meiners Oaks Dam No. 768

Review of "As Constructed" Drawing February 18, 1955

By J. E. Ley

In a letter dated February 10, 1955, Mr. Dron transmitted a print of the subject drawing to you and asked for comments before he submitted final tracings to the Sacramento Office.

The following changes or additions are recommended:

In cross-sectional view of maximum section.

1. Show four-inch gravel layer (blanket drain) under downstream portion of fill.
2. Omit, "clay filled", in description of cutoff trench.
3. After embankment densities change sq. ft. to cu. ft.

In section-base conduit view.

1. Indicate size and spacing of hoop reinforcement.
From inspection reports it is 1/4" at five inches.

In section of inlet-outlet structural view.

1. Inspection report dated 10-19-50 describes gate as Calco headgate No. 101, the drawing gives No. 104?

In the tower view the weight of the 36-inch pipe is not shown.

Two years after construction was completed on this dam an outlet tower was constructed without the States knowledge or approval, see picture and inspection report dated July 14, 1953. The dam had never received final approval for original construction. The writer has made a stability analysis of this tower the results of which are included with this report. As the drawing was incomplete with regards to specific data and measurements certain assumptions were used. The analysis is based on an acceleration of 0.1 g. Two sections were analyzed: (1) elevation 88406, where steel pipe is bolted to concrete base, (2) Bottom of concrete base.

used 1" wall thickness
of 36" tower pipe JEL

8846

1. Reservoir empty, elevation 884.6; SF= 1.64
2. Reservoir full, tower full, elevation 884.6; SF= 0.64; therefore bolts must resist overturning. Load on one inch bolt 0.9 ^{kip} (very low) ok.
3. Reservoir full, tower full, bottom of concrete base; SF= 1.42.
4. Reservoir full, tower empty, bottom of concrete base; SF= 1.2.

With the reservoir full and tower empty there is a resultant weight of 14 + ^{kip} against floatation. Mass concrete was considered on three sides. From these results the writer considers the outlet tower stable for this small reservoir.

In returning this print for corrections it may be well for us to consider that Mr. Dyon has been four years getting this far on the drawing which is the final requirement needed for approval of this dam.

The suggested corrections are marked in red pencil on the print.

JEL:bab
2-21-55

CC. W.A. BROWN, SACTO. —

[Handwritten signature]
2/23/55

FEB 25 '55 W.A.B.

Gridley Road
Ojai, Cal.
Feb. 10, 1955

251.2
768

Division of Water Resources
State Building,
Civic Center,
Los Angeles, Cal.

Attention; Mr. J.V. Spielman

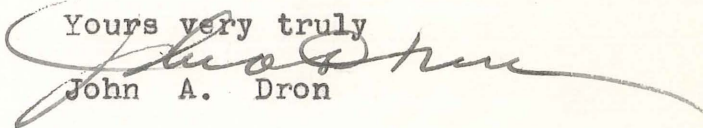
Dear John:

Here ^{are} is the "as built" plans of the Weiner's
Oaks Reservoir, including the water tower, for your
informal review and suggestions, before I make the
two tracings required for transmission to Sacramento.

I was indeed sorry to miss seeing you on
your recent visit-I saw a State car as I went down
Gridley road, but never suspected that it was you, and
kept on my way. Better luck next time, I hope.

With the highest regard, I am,

Yours very truly


John A. Dron

Enc. Plans.



Goodwin J. Knight
XXXXXXXXXX

December 2, 1954

Meiners Oaks County Water District
Route 3, Box 492-A
Ojai, California

Attention: Doris B. Grainger
Secretary

Subject: Meiners Oaks Dam, No. 768

Gentlemen:

Receipt is acknowledged of your statement and affidavit of actual cost of construction of Meiners Oaks dam and your check for \$180.32 in payment of the further fee due in connection with your application for approval of plans and specifications for the construction of this dam. Receipt number 23645 for this additional fee is enclosed.

Upon receipt of the "as constructed" drawings for the dam, this office will be in a position to consider the issuance of a Certificate of Approval of the constructed dam. Your early completion of this final requirement will be greatly appreciated. A copy of this letter is being forwarded to your engineer to apprise him of the requirement of the plans.

Very truly yours,

A. D. EDMONSTON, STATE ENGINEER

DEC 2 '54 W.A.B.

By _____
W. A. Brown
Principal Engineer of Dams

WAB:AW
Enc.

cc: Mr. John A. Dron
Box 25A Gridley Road
Ojai, California

Mr. J. V. Spielman

DEC 2 '54 J.W.K.

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER RESOURCES

W.A. Brown

MEMORANDUM

TO Mr. T. R. Merryweather
FROM W. A. Brown

DATE December 1, 1954
SUBJECT Meiners Oaks Dam, No. 768

Subject dam has been completed and a final cost affidavit filed.

Your review and approval of the fiscal matters is respectfully requested before our receipt for the additional fee, which accompanied the cost affidavit, is transmitted.

cc: Mr. J. V. Spielman

*WAB**12-1-54*

12/1/54
Affidavit OK, additional Fee due
of \$180.32 OK.

T. R. Merryweather
adm officer.

yellow copy destroyed 12/3/54

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER RESOURCES

RECEIPT NO 23645

Date November 23, 1954

and 32/100 Dollars (\$180.32)
by Order ☒ Check (Receipt contingent upon collection)

Water District

Dam 768

☐ Deposit ☒ Balance ☐ Full

	\$ 180.32
	\$
ment	\$
	\$
ed	\$
	\$
	\$
	\$
	\$

A. D. EDMONSTON, State Engineer

By J. R. [Signature]
Administrative Officer

MEINERS OAKS COUNTY WATER DISTRICT

TELEPHONE 2114
OJAI, CALIFORNIA

MAIL ADDRESS
RT. 3, BOX 492-A
OJAI, CALIFORNIA

BUSINESS ADDRESS
ARNAZ & MARICOPA HIGHWAY
MEINERS OAKS, CALIFORNIA

November 16, 1954

Completed Cost Statement of Dam

Contract Cost	\$14,802.26
Steel Liner	509.85
Freight	54.98
Grouting	302.70
Tower and Catwalk	1,886.76
	<hr/>
	\$17,556.76
Engineering Fees	872.18
Total Actual Cost	<hr/>
	\$18,428.94

1.5% x \$18,428.94	=	\$276.43	Fee due
		112.50	Fee Paid
		<hr/>	
		\$163.93	Error in Fee

Additional fee to be paid 110% x \$163.93 = \$180.32

*\$180.32 check encl.
a.m.*

Doris B. Grainger
Doris B. Grainger Secretary
MEINERS OAKS COUNTY WATER DISTRICT

State of California)
County of Ventura) ss

Doris B. Grainger,

being duly sworn says:

That affiant is the Secretary-Auditor
(owner, or authorized representative of owner)

of the Meiners Oaks County Water District Reservoir and Intake Tower
(name of dam)

768
That the total cost of construction of the dam to completion
and Intake Tower
thereof is \$ 18,428.94.

To the best of affiant's knowledge and belief this is the
final cost of the project. The cost segregation is given in the
accompanying detailed statement.

Doris B. Grainger

Subscribed and sworn to before me this
12 day of November 1954.

Eppie M. Skelton
Notary Public in and for said County
and State. Commission expires 6/9/56

MEMORANDUM TO MR. W. A. BROWN

Meiners Oaks Dam No. 768

Inspection and Conference Nov. 15, 1954

By J. E. Ley

Both Mr. Briggs and Miss Grainger were contacted at their office. Later an inspection was made with Mr. Briggs.

The writer discussed the completed cost statement with Miss Grainger and made the following calculations for her in this regard:

Contract cost	\$14,802.26
Steel liner	509.85
Freight	54.98
Grouting	302.70
Tower and catwalk	<u>1,886.97</u>
	\$17,556.76
Engineering fees	<u>872.18</u>
Total actual cost	\$18,428.94
1.5% x \$18,428.94 =	\$276.43
Fee paid	<u>112.50</u>
Error in fee	\$163.93
Additional fee to be paid	
110% x \$163.93 =	<u>\$180.32</u>

The writer suggested that this amount be sent to you along with the completed cost statement as shown above. This cost statement appears to be accurate for this dam. In view of the long delay and trouble in getting any action towards approval of this dam the writer believed it better to get the entire cost statement and fees cleaned up in one action. Miss Grainger said she would take immediate action.

Mr. Dron was again contacted by telephone regarding completion of the "as constructed" drawings and again made the same stalling promise. If he does not submit the tracings by the end of the year, it is strongly recommended that another letter of request be sent to the Water District from the State Engineer.

An inspection of the dam disclosed that items 1 and 3 in the inspection report dated July 14, 1954, had been complied with. It was again requested that the work under item 2 be done, mainly to remove 2± ft. of road fill at spillway culvert exit.

Mr. W. A. Brown
Page 2

Mr. Briggs said he was considering enlarging the capacity of the reservoir by excavation of a point which projects out near the upstream end of the reservoir. From a field inspection this should have no bearing on the dam; however, it was requested that he notify this office if he plans to go ahead with this work. If they have not obtained final approval of this dam, would the cost of this work be added to the original construction cost of the reservoir; also would this require the filing of an application for repair and alteration?

JEL:hs
11-18-54

JEL
11-18-54

MEMORANDUM TO MR. W. A. BROWN

Meiners Oaks Dam No. 768

Inspection and Conference July 14, 1954

By J. E. Ley

Mr. Young has been replaced by Mr. Briggs as Manager and Miss Doris Grainger is the new office secretary.

This inspection was with Mr. Briggs.

An outlet tower has recently been constructed at the subject dam without State approval, see accompanying pictures dated July 14, 1954. Mr. Dron in a letter to Mr. Spielman dated March 10, 1954, mentioned their intent to build such a structure and submitted duplicate prints at that time along with as constructed prints of the completed dam. This letter was acknowledged by Mr. Spielman by his letter to Mr. Dron dated March 17, 1954, giving pertinent information regarding procedure for approval along with returning one set of as constructed prints of the dam marked up to show requested changes and additions. Nothing more was said of building the outlet tower until the writer made the subject inspection. Mr. Briggs was informed that since the dam had never been approved the cost of the tower would now have to be included in the original cost of the dam upon which the fee is based. They have an itemized statement prepared by Mr. Young showing the cost of the reservoir before the tower was built along with a separate cost of the tower. When Mr. Dron's engineering fees for services rendered on the construction of the outlet tower are received they will have all necessary data for the completed cost statement. The writer explained the procedure in calculating the fee due since the final cost exceeded the estimated by more than 10 per cent. However, the State must now consider approval of the outlet tower from a structural standpoint. In this regard there were some changes made to the original plans according to Mr. Briggs which mainly included placing a reinforced concrete slab base around the tower to increase stability.

The writer talked to Mr. Dron on the telephone regarding the above and requested he submit duplicate prints of the outlet tower as constructed.

It is the hope that quicker action will be taken by Mr. Briggs to obtain approval of this dam than was shown in the past.

It was requested that certain work be done to maintain the spillway in a proper working order. This included:

1. Remove the one foot of flashboard (has never been approved for).
2. Remove 2 $\frac{1}{2}$ ft. of road fill at culvert exit. (Placed with 12 inch culvert by County to build-up road for hauling operations.)
3. Change location of gate grill to upstream side.

The reservoir had been cleaned recently and the muck dumped on the right downstream slope.

The water surface was 8 feet below the spillway.

Conclusion: Summary of requirements to be met by the Water District for approval of the dam.

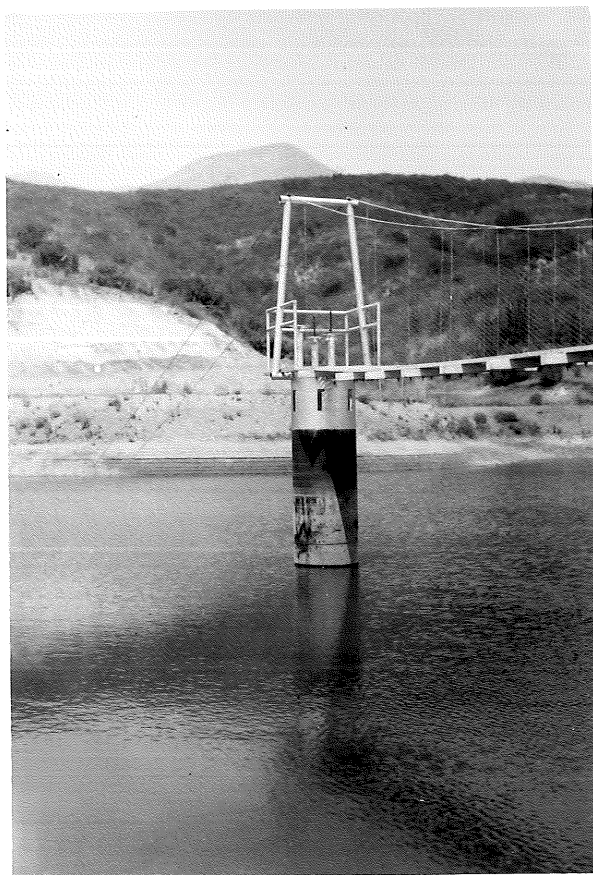
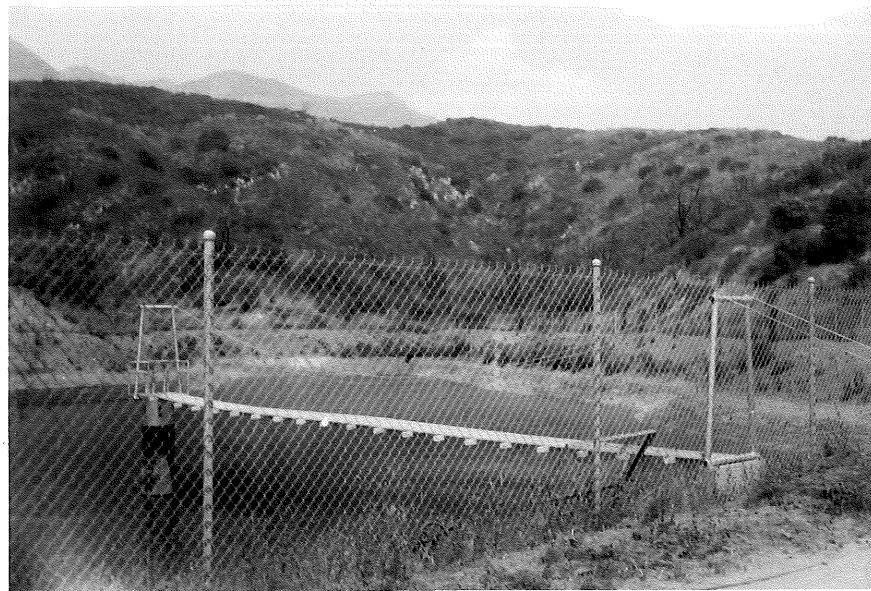
1. Submit in duplicate as constructed prints of the outlet tower for check by the State of structural adequacy; if found satisfactory, tracing will be required later.
2. Submit as constructed tracings of dam.
3. Submit completed cost statement to include cost of outlet tower.

JEL:hs
7-23-54

JEL
7-26-54

RECEIVED JUL 27 1954 W.A.B.

SACRAMENTO
DIV OF WATER RESOURCES
RECEIVED



Recently constructed
outlet tower.

MEINERS OAKS DAM NO. 768
7-14-53 J.E.L.

March 17, 1954

Mr. John A. Dron
Box 25A Gridley Road
Ojai, California

Subject: Meiners Oaks Dam No. 768

Dear Mr. Dron:

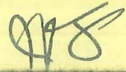
This will acknowledge receipt of a print for checking of the "as constructed" drawing of the above dam. It is believed that some additional information could be supplied in the way of elevations, dimensions, and amount of reinforcement. If you have this information, please add it to the drawing. Your print, marked with some comments in red pencil, is being returned herewith. Upon correction of the drawing, please forward the duplicate tracing and a cost statement of the dam to the State Engineer in Sacramento.

Your plan shows a proposed outlet tower. If this alteration is made before the dam is approved, the cost of the work will need to be included with the cost of the original construction on the dam in determining the fee. However, if you obtain approval of the dam, an application for alteration may later be filed without additional fee. Application forms for alteration are enclosed herewith. If you have any further questions, do not hesitate to call upon us.

Very truly yours,

A. D. EDMONSTON, STATE ENGINEER

By


J. V. Spielman
Supervising Engineer of Dams

Enc. *RR + Form +*
JVS:tt

cc - Mr. W. A. Brown